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The Duration, Frequency, and Volume of Exclusive Human Milk and/or Infant Formula Consumption and Nutrient Status: A Systematic Review

2020 Dietary Guidelines Advisory Committee,
Birth to 24 Months Subcommittee

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Nutrition Evidence Systematic Review
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This systematic review was conducted by the 2020 Dietary Guidelines Advisory Committee in collaboration with the Nutrition Evidence Systematic Review (NESR) team at the Center for Nutrition Policy and Promotion, Food and Nutrition Service, U.S. Department of Agriculture (USDA). All systematic reviews from the 2020 Advisory Committee Project are available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews.

Conclusion statements drawn as part of this systematic review describe the state of science related to the specific question examined. Conclusion statements do not draw implications, and should not be interpreted as dietary guidance. This portfolio provides the complete documentation for this systematic review. A summary of this review is included in the 2020 Advisory Committee's Scientific Report available at www.DietaryGuidelines.gov.

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USDA and HHS implemented a process to identify topics and scientific questions to be examined by the 2020 Dietary Guidelines Advisory Committee. The Committee conducted its review of evidence in subcommittees for discussion by the full Committee during its public meetings. The role of the Committee members involved establishing all aspects of the protocol, which presented the plan for how they would examine the scientific evidence, including the inclusion and exclusion criteria; reviewing all studies that met the criteria they set; deliberating

[i] Under contract with the Food and Nutrition Service, United States Department of Agriculture.

on the body of evidence for each question; and writing and grading the conclusion statements to be included in the scientific report the 2020 Committee submitted to USDA and HHS. The NESR team with assistance from Federal Liaisons and Project Leadership, supported the Committee by facilitating, executing, and documenting the work necessary to ensure the reviews were completed in accordance with NESR methodology. More information about the 2020 Dietary Guidelines Advisory Committee, including the process used to identify topics and questions, can be found at www.DietaryGuidelines.gov. More information about NESR can be found at NESR.usda.gov.

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TABLE OF CONTENTS

Acknowledgements 3
Table of contents 5
Introduction 7
What is the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status? 9
- Plain language summary 9
- Technical abstract 11
- Full review 15
  - Systematic review question 15
  - Conclusion statements and grades 15
  - Summary of the evidence 15
  - Iron status 17
  - Zinc status 40
  - Iodine status 51
  - Vitamin B12 status 51
  - Vitamin D status 51
  - Fatty acid status 53
  - Research recommendations 86
  - Included articles 87

Methodology 89
- Analytic framework 90
- Literature search and screening plan 91
  - Inclusion and exclusion criteria 91
  - Electronic databases and search terms 95
- Literature search and screening results 104
  - Excluded articles 106

Table 1. Evidence examining the relationship between ever vs never consuming human milk and iron status 22
Table 2. Risk of bias for non-randomized controlled trials examining the relationship between ever vs never consuming human milk and iron status 29
Table 3. Risk of bias for observational studies examining the relationship between ever vs never consuming human milk and iron status 30
Table 4. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status 36
Table 5. Risk of bias for the non-randomized controlled trial examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status 38
Table 6. Risk of bias for observational studies examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status 39
Table 7. Evidence examining the relationship between ever vs never consuming human milk and zinc status 43
Table 8. Risk of bias for non-randomized controlled trials examining the relationship between ever vs never consuming human milk and zinc status 46
Table 9. Risk of bias for the observational study examining the relationship between ever vs never consuming human milk and zinc status 46

Table 10. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status 49
Table 11. Risk of bias for the non-randomized controlled trial examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status 50
Table 12. Risk of bias for the observational study examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status 50
Table 13. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and vitamin D status 52
Table 14. Risk of bias for the observational study that examines the relationship between the duration of any human milk consumption among infants fed human milk and vitamin D status 52
Table 15. Evidence examining the relationship between ever vs never consuming human milk and fatty acid status 56
Table 16. Risk of bias for non-randomized controlled trials examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status 78
Table 17. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status 80
Table 18. Risk of bias for the observational study examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status 81
Table 19. Evidence examining the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status 83
Table 20. Risk of bias for the observational study examining the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status 85
Table 21. Inclusion and exclusion criteria 91
Table 22. Full-text exclusions, Pregnancy and Birth to 24 Months Project literature search 106
Table 23. Full-text exclusions, Update to the Pregnancy and Birth to 24 Months Project literature search 260

Figure 1. Analytic framework 90
Figure 2. Pregnancy and Birth to 24 Months Project literature search 104
Figure 3. Update to the Pregnancy and Birth to 24 Months Project literature search 105

INTRODUCTION

This document describes a systematic review conducted to answer the following question: What is the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status? This systematic review was conducted by the 2020 Dietary Guidelines Advisory Committee, supported by USDA's Nutrition Evidence Systematic Review (NESR).

More information about the 2020 Dietary Guidelines Advisory Committee is available at the following website: www.DietaryGuidelines.gov.

NESR specializes in conducting food- and nutrition-related systematic reviews using a rigorous, protocol-driven methodology. More information about NESR is available at the following website: NESR.usda.gov.

NESR's systematic review methodology involves developing a protocol, searching for and selecting studies, extracting data from and assessing the risk of bias of each included study, synthesizing the evidence, developing conclusion statements, grading the evidence underlying the conclusion statements, and recommending future research. A detailed description of the systematic reviews conducted for the 2020 Dietary Guidelines Advisory Committee, including information about methodology, is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews. In addition, starting on page 89, this document describes the final protocol as it was applied in the systematic review. A description of and rationale for the modifications made to the protocol can be found in the 2020 Dietary Guidelines Advisory Committee Report, Chapter 4. Duration, Frequency, and Volume of Exclusive Human Milk and/or Infant Formula Feeding.

List of abbreviations

Abbreviation	Full name
25(OH)D	25-hydroxy vitamin D
AA	Arachidonic acid
ALA	Alpha-linolenic acid
CNPP	Center for Nutrition Policy and Promotion
DHA	Docosahexaenoic acid
FDA	U.S. Food and Drug Administration
FNS	USDA Food and Nutrition Service
HHS	U.S. Department of Health and Human Services
HLA	Human leukocyte antigen
LA	Linoleic acid
NESR	Nutrition Evidence Systematic Review
NIH	National Institutes of Health
ONGA	Office of Nutrition Guidance and Analysis
USDA	U.S. Department of Agriculture

WHAT IS THE RELATIONSHIP BETWEEN THE DURATION, FREQUENCY, AND VOLUME OF EXCLUSIVE HUMAN MILK AND/OR INFANT FORMULA CONSUMPTION AND NUTRIENT STATUS?

PLAIN LANGUAGE SUMMARY

What is the question?

- The question is: What is the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status?

What is the answer to the question?

- Moderate evidence indicates that ever, compared with never, consuming human milk may be associated with fatty acid status from birth to 24 months. However, the difference in fatty acid status between infants fed human milk and infants fed infant formula is likely to depend on the composition of the human milk and infant formula consumed. Insufficient evidence is available to determine the relationship between ever, compared with never, consuming human milk and iron and zinc status from birth to 24 months. No evidence is available to determine the relationship between ever, compared with never, consuming human milk and iodine, vitamin B12, and vitamin D status from birth to 24 months.
- Insufficient evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iron, zinc, vitamin D, and fatty acid status from birth to 24 months. No evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iodine or vitamin B12 status from birth to 24 months.
- Insufficient evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status. No evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and iron, zinc, iodine, vitamin B12, or vitamin D status from birth to 24 months.
- No evidence is available to determine the relationship between the intensity, proportion, or amount of human milk consumed by mixed-fed infants and iron, zinc, iodine, vitamin B12, vitamin D, or fatty acid status from birth to 24 months.

Why was this question asked?

- This important public health question was identified by the U.S. Departments of Agriculture (USDA) and Health and Human Services (HHS) to be examined by the 2020 Dietary Guidelines Advisory Committee.

How was this question answered?

- The 2020 Dietary Guidelines Advisory Committee, Birth to 24 Months Subcommittee, conducted a systematic review to answer this question with support from the Nutrition Evidence Systematic Review (NESR) team.

What is the population of interest?

- The population of interest was generally health infants and toddlers (birth to 24 months).

What evidence was found?

- This review includes 23 articles.
- The review examined available evidence about:
  - Infants who ever consumed milk (i.e., any amount of human milk) compared with infants who never consumed human milk,
  - Infants who consumed human milk (i.e., any amount of human milk) for different durations,
  - Infants who consumed human milk exclusively for different durations before infant formula was added to their diets, and
  - Mixed-fed infants (i.e., consuming both human milk and infant formula, but not complementary foods and beverages) who consumed different amounts of human milk.
- These articles examined available evidence related to iron, zinc, iodine, vitamin D, vitamin B12, and fatty acid status.
- Most evidence compared fatty acid status between infants who ever and never consumed human milk. Infants who ever consume human milk and infants who never consume human milk (i.e., formula-fed infants) may have differences in fatty acid status. The difference in fatty acid status probably depends on infant formula ingredients and human milk composition.
- There are limitations in the evidence as follows:
  - There was not a lot of evidence about infants who consumed human milk for different durations, infants who consumed human milk exclusively for different durations before infant formula was added to their diets, iron status, zinc status, and vitamin D status. There was no evidence about mixed-fed infants who consumed different amounts of human milk, iodine status, and vitamin B12 status.
  - Most studies were designed to examine the effect of new infant formula ingredients and not the systematic review question.
  - Some of the infant formulas used in the studies may be different from infant formulas currently sold in the United States.
  - It is possible for factors other than infant feeding to impact the outcomes, and these factors were addressed differently by different studies.

How up-to-date is this systematic review?

This review searched for studies from January, 1980 to September, 2019.

TECHNICAL ABSTRACT

Background

- This important public health question was identified by the U.S. Departments of Agriculture (USDA) and Health and Human Services (HHS) to be examined by the 2020 Dietary Guidelines Advisory Committee.
- The 2020 Dietary Guidelines Advisory Committee, Birth to 24 Months Subcommittee, conducted a systematic review to answer this question with support from the Nutrition Evidence Systematic Review (NESR) team.
- The goal of this systematic review was to examine the following question: What is the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status?

Conclusion statements and grades

- ***Ever vs never consuming human milk***
  - Moderate evidence indicates that ever, compared with never, consuming human milk may be associated with fatty acid status from birth to 24 months. However, the difference in fatty acid status between infants fed human milk and infants fed infant formula is likely to depend on the composition of the human milk and infant formula consumed. (Grade: Moderate)
  - Insufficient evidence is available to determine the relationship between ever, compared with never, consuming human milk and iron and zinc status from birth to 24 months. No evidence is available to determine the relationship between ever, compared with never, consuming human milk and iodine, vitamin B12, and vitamin D status from birth to 24 months. (Grade: Grade not assignable)
- ***Duration of any human milk consumption among infants fed human milk***
  - Insufficient evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iron, zinc, vitamin D, and fatty acid status from birth to 24 months. No evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iodine or vitamin B12 status from birth to 24 months. (Grade: Grade not assignable)
- ***Duration of exclusive human milk consumption before the introduction of infant formula***
  - Insufficient evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status. No evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and iron, zinc, iodine, vitamin B12, or vitamin D status from birth to 24 months. (Grade: Grade not assignable)
- ***Intensity, proportion, or amount of human milk consumed by mixed-fed infants***
  - No evidence is available to determine the relationship between the intensity, proportion, or amount of human milk consumed by mixed-fed infants and iron, zinc, iodine, vitamin B12, vitamin D, or fatty acid status from birth to 24 months. (Grade: Grade not assignable)

Methods

- Two literature searches were conducted to identify articles published from January 1980 to March 2016, and from March 2016 to September 2019, respectively. The searches used 4 databases (PubMed, Cochrane, Embase, and CINAHL) to identify articles that evaluated the intervention or exposure of the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and the outcomes of iron, zinc, iodine, vitamin B12, vitamin D, and fatty acid status. A manual search was conducted to identify articles that may not have been included in the electronic databases searched. Articles were screened by 2 NESR analysts independently for inclusion based on pre-determined criteria.
- Data extraction and risk of bias assessment were conducted for each included study, and both were checked for accuracy. The Committee qualitatively synthesized the body of evidence to inform development of conclusion statements, and graded the strength of evidence using pre-established criteria for risk of bias, consistency, directness, precision, and generalizability.

Summary of the evidence

- This systematic review examines the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status. Specifically, this systematic review examines available evidence that compares:
  - Infants who ever consumed milk (i.e., any amount of human milk) with infants who never consumed human milk,
  - Infants who consumed human milk (i.e., any amount of human milk) for different durations,
  - Infants who consumed human milk exclusively for different durations before the introduction of infant formula, and
  - Mixed-fed infants (i.e., consuming both human milk and infant formula, but not complementary foods and beverages) who consumed different intensities, proportions, or amounts of human milk.
- *Human milk* refers to mother's own milk provided at the breast (i.e., nursing) or expressed and fed fresh or after refrigeration or freezing. Examinations of donor milk are not included in this review. *Exclusive human milk consumption* refers to consuming human milk alone and not in combination with infant formula or complementary foods and beverages. *Infant formula* refers to commercially prepared infant formula meeting the FDA and/or Codex Alimentarius international food standards. *Complementary foods and beverages* are foods and beverages other than human milk or infant formula (liquids, semisolids, and solids) provided to an infant or young child to provide nutrients and energy.
- The outcomes of interest were iron status (including iron deficiency and anemia), zinc status, iodine status, vitamin B12 status, vitamin D status, and fatty acid status.
- This review identified 23 articles.
  - <u>Iron status</u>: Ten articles, published between 1990 and 2019, examined the relationships of (a) ever, compared with never, consuming human milk, and (b) different durations of any human milk consumption, among infants fed human milk, with iron status from birth to 24 months.

    (a) The evidence available from 2 studies did not show a consistent association between ever, compared with never, consuming human milk and anemia. The evidence available from 5 studies did not show consistent associations between ever, compared with

never, consuming human milk and hemoglobin, hematocrit, red blood cell count, mean corpuscular volume, red cell distribution width, serum ferritin, or serum iron.

(b) The evidence available from 3 studies did not show a consistent association between the duration of any human milk consumption, among infants fed human milk, and iron deficiency or anemia. The evidence available from 4 studies did not show consistent associations between the duration of any human milk consumption, among infants fed human milk, and hemoglobin, hematocrit, serum ferritin, serum iron, mean corpuscular volume, transferrin receptor, or transferrin saturation.

- Zinc status: Five articles, published between 1986 and 1994, examined the relationships of (a) ever, compared with never, consuming human milk, and (b) different durations of any human milk consumption, among infants fed human milk, with zinc status from birth to 24 months.

  (a) The evidence available from 4 studies did not show a consistent association between ever, compared with never, consuming human milk and zinc status.

  (b) The evidence available from 2 studies was insufficient to determine whether there is an association between the duration of any human milk consumption, among infants fed human milk, and zinc status.

- Vitamin D status: One article, published in 2014, examined the relationship between the duration of any human milk consumption, among infants fed human milk, and vitamin D status from birth to 24 months. This evidence was insufficient to determine whether there is an association between the duration of any human milk consumption, among infants fed human milk, and vitamin D status.

- Fatty acid status: Nine articles, published between 1986 and 2016, examined the relationships of (a) ever, compared with never, consuming human milk, (b) different durations of any human milk consumption, among infants fed human milk, and (c) different durations of exclusive human milk consumption before the introduction of infant formula with fatty acid status from birth to 24 months.

  (a) The evidence available from 7 studies was moderately consistent in showing that ever, compared with never, consuming human milk is related to fatty acid status, but the direction and strength of associations can vary depending on the composition of the infant formula fed to participants who never consumed human milk (and also likely due to the composition of human milk, although this could not be assessed), as well as the specific types of fatty acids examined in the blood.

  (b) The evidence available from 1 study was insufficient to determine whether an association exists between the duration of any human milk consumption, among infants fed human milk, and fatty acid status.

  (c) The evidence available from 1 study was insufficient to determine whether an association exists between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status.

- No studies met the inclusion criteria that examined iodine status or vitamin B12 status.

- The ability to draw stronger conclusions was primarily limited by:
  - The small number of studies that presented evidence on each topic,
  - The study designs, as most studies were designed to examine the effect of novel infant formula compositions rather than differences in outcomes between infants ever and never

fed human milk,

- Concerns about the generalizability of the evidence to U.S. infants consuming infant formulas currently on the market, and
- Concerns about the potential for bias, especially bias due to confounding.

FULL REVIEW

Systematic review question

What is the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status?

Conclusion statements and grades

Ever vs never consuming human milk

Moderate evidence indicates that ever, compared with never, consuming human milk may be associated with fatty acid status from birth to 24 months. However, the difference in fatty acid status between infants fed human milk and infants fed infant formula is likely to depend on the composition of the human milk and infant formula consumed. (Grade: Moderate)

Insufficient evidence is available to determine the relationship between ever, compared with never, consuming human milk and iron and zinc status from birth to 24 months. No evidence is available to determine the relationship between ever, compared with never, consuming human milk and iodine, vitamin B12, and vitamin D status from birth to 24 months. (Grade: Grade not assignable)

Duration of any human milk consumption among infants fed human milk

Insufficient evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iron, zinc, vitamin D, and fatty acid status from birth to 24 months. No evidence is available to determine the relationship between the duration of any human milk consumption, among infants fed human milk, and iodine or vitamin B12 status from birth to 24 months. (Grade: Grade not assignable)

Duration of exclusive human milk consumption before the introduction of infant formula

Insufficient evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status. No evidence is available to determine the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and iron, zinc, iodine, vitamin B12, or vitamin D status from birth to 24 months. (Grade: Grade not assignable)

Intensity, proportion, or amount of human milk consumed by mixed-fed infants

No evidence is available to determine the relationship between the intensity, proportion, or amount of human milk consumed by mixed-fed infants and iron, zinc, iodine, vitamin B12, vitamin D, or fatty acid status from birth to 24 months. (Grade: Grade not assignable)

Summary of the evidence

- This systematic review examines the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and nutrient status. Specifically, this systematic review examines available evidence that compares:
  - Infants who ever consumed milk (i.e., any amount of human milk) with infants who never

consumed human milk,

  - Infants who consumed human milk (i.e., any amount of human milk) for different durations,
  - Infants who consumed human milk exclusively for different durations before the introduction of infant formula, and
  - Mixed-fed infants (i.e., consuming both human milk and infant formula, but not complementary foods and beverages) who consumed different intensities, proportions, or amounts of human milk.

- *Human milk* refers to mother's own milk provided at the breast (i.e., nursing) or expressed and fed fresh or after refrigeration or freezing. Examinations of donor milk are not included in this review. *Exclusive human milk consumption* refers to consuming human milk alone and not in combination with infant formula or complementary foods and beverages. *Infant formula* refers to commercially prepared infant formula meeting the FDA and/or Codex Alimentarius international food standards. *Complementary foods and beverages* are foods and beverages other than human milk or infant formula (liquids, semisolids, and solids) provided to an infant or young child to provide nutrients and energy.
- The outcomes of interest were iron status (including iron deficiency and anemia), zinc status, iodine status, vitamin B12 status, vitamin D status, and fatty acid status.
- This review identified 23 articles.[1-23]
  - Iron status: Ten articles, published between 1990 and 2019, examined the relationships of (a) ever, compared with never, consuming human milk, and (b) different durations of any human milk consumption, among infants fed human milk, with iron status from birth to 24 months.

    (c) The evidence available from 2 studies did not show a consistent association between ever, compared with never, consuming human milk and anemia. The evidence available from 5 studies did not show consistent associations between ever, compared with never, consuming human milk and hemoglobin, hematocrit, red blood cell count, mean corpuscular volume, red cell distribution width, serum ferritin, or serum iron.

    (d) The evidence available from 3 studies did not show a consistent association between the duration of any human milk consumption, among infants fed human milk, and iron deficiency or anemia. The evidence available from 4 studies did not show consistent associations between the duration of any human milk consumption, among infants fed human milk, and hemoglobin, hematocrit, serum ferritin, serum iron, mean corpuscular volume, transferrin receptor, or transferrin saturation.
  - Zinc status: Five articles, published between 1986 and 1994, examined the relationships of (a) ever, compared with never, consuming human milk, and (b) different durations of any human milk consumption, among infants fed human milk, with zinc status from birth to 24 months.

    (c) The evidence available from 4 studies did not show a consistent association between ever, compared with never, consuming human milk and zinc status.

    (d) The evidence available from 2 studies was insufficient to determine whether there is an association between the duration of any human milk consumption, among infants fed human milk, and zinc status.
  - Vitamin D status: One article, published in 2014, examined the relationship between the duration of any human milk consumption, among infants fed human milk, and vitamin D

status from birth to 24 months. This evidence was insufficient to determine whether there is an association between the duration of any human milk consumption, among infants fed human milk, and vitamin D status.

- Fatty acid status: Nine articles, published between 1986 and 2016, examined the relationships of (a) ever, compared with never, consuming human milk, (b) different durations of any human milk consumption, among infants fed human milk, and (c) different durations of exclusive human milk consumption before the introduction of infant formula with fatty acid status from birth to 24 months.
  - (a) The evidence available from 7 studies was moderately consistent in showing that ever, compared with never, consuming human milk is related to fatty acid status, but the direction and strength of associations can vary depending on the composition of the infant formula fed to participants who never consumed human milk (and also likely due to the composition of human milk, although this could not be assessed), as well as the specific types of fatty acids examined in the blood.
  - (b) The evidence available from 1 study was insufficient to determine whether an association exists between the duration of any human milk consumption, among infants fed human milk, and fatty acid status.
  - (c) The evidence available from 1 study was insufficient to determine whether an association exists between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status.
- No studies met the inclusion criteria that examined iodine status or vitamin B12 status.

- The ability to draw stronger conclusions was primarily limited by:
  - The small number of studies that presented evidence on each topic,
  - The study designs, as most studies were designed to examine the effect of novel infant formula compositions rather than differences in outcomes between infants ever and never fed human milk,
  - Concerns about the generalizability of the evidence to U.S. infants consuming infant formulas currently on the market, and
  - Concerns about the potential for bias, especially bias due to confounding.

Iron status

Ten articles, published between 1990 and 2019, examined the relationships of ever compared with never consuming human milk, and different durations of any human milk consumption, with iron status from birth to 24 months.[1-3,7-9,12,16,20,23]

No evidence was identified that met the inclusion criteria to examine different durations of exclusive human milk consumption before the introduction of infant formula or different intensities, proportions, or amounts of human milk consumed by mixed-fed infants.

Description of the evidence comparing ever with never consuming human milk (Table 1)

Six articles presented evidence comparing the iron status of infants who ever consumed human milk with that of infants who never consumed human milk.[1-3,9,12,23]

Population

The samples of infants were from the United States, China, Germany, and Japan. Five studies followed participants starting at or close to their birth[1,2,9,12,23] and one followed participants starting at 12 months.[3] Participants in the study by Cusick et al[3] were from low-income U.S. families with diverse racial and ethnic backgrounds. Participants from a second U.S.-based study were mostly White.[2] Authors of the remaining 4 studies did not report the racial or ethnic composition of their samples.

Interventions/exposures and comparators

Infants who consumed human milk:

- Four studies included a group of infants fed human milk exclusively.[1,9,12,23] Wu et al[23] and Jochum et al[9] specified that infants were only fed human milk throughout the observation period (i.e., 8 weeks and 4 months, respectively). The other studies did not specify the duration of the exclusive human milk-feeding period.
- Three studies included a group of infants fed human milk, but not exclusively. Amano and Murakami[1] included a group described as partially breastfed, and Cusick et al[3] included a group described as ever breastfed. Bradley et al[2] identified 3 groups of human milk-fed infants. One group was fed human milk ≥6 months with up to 1 supplemental feeding per day of a low-iron formula. The other 2 groups consumed human milk for 1 to 8 weeks and were then randomized to consume formulas with different levels of iron.

Infants who never consumed human milk:

- In 3 studies, parents who decided to formula-feed selected the formula.[1,3,9] Jochum et al[9] stated that families with no history of atopic disease chose 1 of 11 different cow milk formulas, whereas study staff recommended partially hydrolyzed whey protein formula to parents of children with a family history of atopy. Authors of the other 2 studies did not specify the formulas parents selected.
- In 3 studies, parents who decided to formula-feed were assigned to a formula by research staff.[2,12,23] Wu et al[23] assigned a standard infant formula with iron, whereas Bradley et al[2] and Lönnerdal and Chen[12] randomly allocated infants to formulas with different levels of iron and different levels and sources of protein, respectively.

In addition to human milk and infant formula, some infants consumed complementary foods and beverages and/or iron supplements prior to the measurement of iron status.

- In the study by Bradley et al,[2] infants could consume complementary foods and beverages, including iron-fortified cereals, starting at 4 months (i.e., prior to the outcome measures at 6 and 12 months). Mineral supplements were not prescribed to any of the infants.
- In the study by Amano and Murakami,[1] infants could consume complementary foods and beverages prior to the outcome measures at 6-7 and 9-10 months. In addition, infants determined to have anemia at the 6-7 month time point were treated and omitted from the 9-10 month analyses.
- Lönnerdal and Chen[12] and Cusick et al[3] did not report whether infants received complementary foods and beverages prior to the measurement of outcomes. Lönnerdal and Chen[12] did not specify which outcome age they reported (i.e., 2, 4, 8, or 12 weeks), however Cusick et al[3] measured outcomes at 12 and 24 months so it is likely that participants were consuming complementary foods and beverages.
- Lönnerdal and Chen,[12] Wu et al,[23] and Cusick et al[3] did not report whether infants received

iron supplements prior to measurement of the outcomes, nor did they provide information about whether therapeutic iron was taken by infants with low iron status at earlier time points preceding iron status measurements at later time points.

Outcomes

Two studies examined anemia. Amano and Murakami[1] reported anemia at 9-10 months, defined as hemoglobin <11.0 g/dL, among infants who did not have anemia at 6-7 months. Cusick et al[3] reported incident anemia at 24 months, defined as anemia at 24 months among children who did not have anemia at 12 months, and persistent anemia at 24 months, defined as anemia at 24 months among children who also had anemia at 12 months. Anemia was defined as hemoglobin <11.0 g/dL adjusted for altitude.

Five studies[1,2,9,12,23] examined iron indicators, including hemoglobin, hematocrit, red blood cell count, mean corpuscular volume, red cell distribution width, serum ferritin, and serum iron measured between the ages 4 weeks to 12 months.

Synthesis and assessment[ii] of the evidence comparing ever with never consuming human milk (Table 1)

The evidence examining the association between ever, compared with never, consuming human milk and iron status is inconclusive. In the synthesis and assessment of the evidence that follows, several limitations are described that make it difficult to draw a conclusion.

Consistency: The evidence has limited consistency.

- Anemia: The evidence available from 2 studies did not show a consistent association between never, compared with ever, consuming human milk and anemia. The studies reported statistically significant findings in opposite directions and with different magnitudes of effect.
  - Amano and Murakami[1] found that formula-fed infants had significantly lower odds of anemia at 9-10 months than infants fed human milk exclusively for an unreported duration [OR 0.072 (95% CI: 0.024, 0.222)]. Cusick et al[3] found that infants who never consumed human milk had significantly higher odds of incident anemia and persistent anemia at 24 months than infants who ever consumed human milk [OR 1.06 (95% CI: 1.04, 1.06) and OR 1.07 (95% CI: 1.03, 1.11), respectively].
  - This inconsistency may be due to key differences between these studies.
    - Cusick et al[3] studied more than half a million (N=583,149) racially and ethnically diverse low-income 12- to 24-month-old infants in the United States. Amano and Murakami[1] studied a much smaller group of infants in Japan (N<286; the number of infants included in the analysis of interest was not reported) from birth to 9-10 months.
    - Cusick et al[3] compared infants who never consumed human milk with infants who ever consumed human milk. The authors did not define *ever*, but presumably, some of the infants in this group were also fed with infant formula. Amano and Murakami,[1]

[ii] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

on the other hand, compared infants whose parents chose to formula feed from birth with infants whose parents chose to feed human milk exclusively for an unreported period of time.

  - Amano and Murakami[1] assessed anemia at 9-10 months and restricted the analysis to infants who did not have anemia at 6-7 months. Cusick et al[3] assessed incident anemia at 24 months (i.e., anemia at 24 months among children who did not have anemia at 12 months) as well as persistent anemia at 24 months (i.e., anemia at 24 months among children who also had anemia at 12 months). It is unlikely that all cases of persistent anemia were captured, however, because infants with a follow-up earlier than 24 months were excluded from the study, and infants with anemia at 12 months were more likely to have a follow-up earlier than 24 months than infants without anemia at 12 months.
  - Amano and Murakami[1] controlled for sex, delivery method, gestational age, birthweight, weight gain from birth to 9-10 months, "daily food intake" (undefined), phototherapy for jaundice, and maternal anemia, while Cusick et al[3] controlled for sex, race, birthweight, and height- and weight-for-age percentile categories at 12 months.

- Other iron status outcomes: The evidence available from 5 studies did not show a consistent association between never, compared with ever, consuming human milk and other iron status outcomes.
  - Amano and Murakami[1] found that infants who consumed human milk exclusively for an unreported duration of time tended to have lower mean hemoglobin, hematocrit, and mean corpuscular volume, and higher red cell distribution width at 6-7 months and at 9-10 months (among infants who did not have anemia at 6-7 months) than infants who consumed formula. However, this study did not find similar associations when the exposure variable was partial (rather than exclusive) human milk consumption.
  - The remaining 4 studies reported nonsignificant associations for almost all analyses examining comparisons of ever with never consuming human milk and indicators of iron status from 4 weeks to 12 months.[1,2,9,12,23]
  - Limitations of the body of evidence make it difficult to interpret these findings. The nonsignificant findings may be the result of underpowered analyses; none of the studies reported statistical power for the analyses of interest, and some group sizes were small. In addition, Lönnerdal and Chen[12] did not report infants' age at the time of the outcome measure, and Wu et al[23] did not report the name/units of the iron indicator measured.

Precision: The evidence has limited precision.

- The body of evidence may have a limited number of sufficiently powered studies.
  - The studies that examined anemia were sufficiently powered; however, the reported findings lacked precision because they were inconsistent in the direction and magnitude of the associations.
  - As previously described, there is not enough information to determine whether the studies that examined other iron status outcomes had sufficient statistical power to examine the relationships of interest. In addition, there were only 5 studies.

Directness: The evidence has moderate directness.

- Four of the 6 articles reported study objectives that included the comparison of iron status

between human milk-fed and formula-fed infants.[1-3,23]

Generalizability: The evidence has limited generalizability.

- Anemia was examined at 9-10 and 12-24 months, and not throughout the birth to 24 month period. The studies that examined anemia only included infants from Japan[1] and low-income infants from the United States.[3] The results from the Japanese study may lack generalizability to the U.S. population for a couple of reasons. First, the study authors state that, in Japan, infants are typically fed homemade baby food, whereas many American infants are fed iron-fortified complementary foods. Second, the average birthweight in the Japanese sample was about 3 kg, which is equivalent to only about the 25th percentile on the World Health Organization growth curves used in the United States.[iii] In the study by Cusick et al,[3] the persistent anemia findings may not be representative of infants with persistent anemia (i.e., anemia at 12 and 24 months) because infants with a follow-up prior to 24 months were excluded, yet infants with anemia at 12 months were more likely than infants without anemia at 12 months to have a follow-up earlier than 24 months.
- Other iron status outcomes were examined from 4 weeks to 12 months. Infants in the study by Bradley et al[2] were mostly White, and the remaining studies did not report race or ethnicity.

Risk of bias: There is a limited likelihood that the design and conduct of the studies have prevented or minimized bias.

- None of the studies accounted for all of the *key confounders* listed on the analytic framework. Notably, the accounting for complementary feeding, which could have provided a meaningful contribution towards some participants' iron status, was poor. Amano and Murakami[1] controlled for "daily food intake" but did not adequately describe the variable, and 3 studies did not account for complementary feeding at all.[2,3,12] In addition, no studies accounted for any of the *other factors to be considered* from the analytic framework, and the timing of cord clamping, in particular, may have an important confounding effect on anemia outcomes.[iv]
- The studies were prone to other risks of bias (Tables 2 and 3), which varied between studies.

[iii] WHO Growth Standards Are Recommended for Use in the U.S. for Infants and Children 0 to 2 Years of Age. cdc.gov. https://www.cdc.gov/growthcharts/who_charts.htm#The%20WHO%20Growth%20Charts. Updated September 9, 2010. Accessed April 17, 2020.

[iv] Dewey KG, Chaparro CM. Session 4: Mineral metabolism and body composition iron status of breast-fed infants. The Proceedings of the Nutrition Society. 2007;66(3):412-422.

Table 1. Evidence examining the relationship between ever vs never consuming human milk and iron status*

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
Amano 2019[1] RCS Japan	EBF (ref) vs FF	Anemia (OR (95% CI)) @ 9-10 mo (N=NR)	0.072 (0.024, 0.222); p<0.001	
	EBF vs FF	RBC (mean ± SD, number*10^6/μL) @ 6-7 mo in female subsample (N=109, 27)	.	4.38 ± 0.33 vs 4.38 ± 0.25; NS
		RBC (mean ± SD, number*10^6/μL) @ 6-7 mo in male subsample (N=123, 27)	.	4.53 ± 0.36 vs 4.52 ± 0.24; NS
		RBC (mean ± SD, number*10^6/μL) @ 9-10 mo in female subsample (N=NR)	.	4.40 ± 0.34 vs 4.36 ± 0.29; NS
		RBC (mean ± SD, number*10^6/μL) @ 9-10 mo in male subsample (N=NR)	.	4.46 ± 0.39 vs 4.45 ± 0.31; NS
		Hb (mean ± SD, g/dL) @ 6-7 mo in female subsample (N=109, 27)	11.5 ± 0.9 vs 12.0 ± 0.8; p<0.05	.
		Hb (mean ± SD, g/dL) @ 6-7 mo in male subsample (N=123, 27)	11.3 ± 1.0 vs 12.1 ± 0.6; p<0.001	.
		Hb (mean ± SD, g/dL) @ 9-10 mo in female subsample (N=NR)	11.3 ± 0.9 vs 12.0 ± 0.8; p<0.01	.
		Hb (mean ± SD, g/dL) @ 9-10 mo in male subsample (N=NR)	10.9 ± 1.2 vs 12.2 ± 0.9; p<0.001	.
		Hct (mean ± SD, %) @ 6-7 mo in female subsample (N=109, 27)	.	33.9 ± 2.6 vs 35.0 ± 2.2; NS
		Hct (mean ± SD, %) @ 6-7 mo in male subsample (N=123, 27)	33.7 ± 2.8 vs 35.7 ± 1.8; p<0.001	.
		Hct (mean ± SD, %) @ 9-10 mo in female subsample (N=NR)	.	33.7 ± 2.6 vs 35.1 ± 2.5; NS
		Hct (mean ± SD, %) @ 9-10 mo in male subsample (N=NR)	73.1 ± 5.0 vs 79.7 ± 2.0; p<0.001§	.

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
		MCV (mean ± SD, fL) @ 6-7 mo in female subsample (N=109, 27)	77.5 ± 3.9 vs 80.1 ± 3.1; p<0.01	.
		MCV (mean ± SD, fL) @ 6-7 mo in male subsample (N=123, 27)	74.6 ± 4.4 vs 79.0 ± 2.3; p<0.001	.
		MCV (mean ± SD, fL) @ 9-10 mo in female subsample (N=NR)	76.5 ± 4.6 vs 80.9 ± 3.3; p<0.001	.
		MCV (mean ± SD, fL) @ 9-10 mo in male subsample (N=NR)	74.6 ± 4.4 vs 79.0 ± 2.3; p<0.001	.
		RDW (mean ± SD, %) @ 6-7 mo female subsample (N=109, 27)	.	13.4 ± 0.6 vs 13.0 ± 0.7; NS
		RDW (mean ± SD, %) @ 6-7 mo male subsample (N=123, 27)	13.7 ± 0.8 vs 13.3 ± 0.6; p<0.05	.
		RDW (mean ± SD, %) @ 9-10 mo in female subsample (N=NR)	13.5 ± 0.8 vs 13.0 ± 0.5; p<0.01	.
		RDW (mean ± SD, %) @ 9-10 mo in male subsample (N=NR)	13.7 ± 0.9 vs 13.0 ± 0.8; p<0.001	.
	Partial BF vs FF	RBC (mean ± SD, number*10^6/μL) @ 6-7 mo in female subsample (N=47, 27)	.	4.40 ± 0.32 vs 4.38 ± 0.25; NS
		RBC (mean ± SD, number*10^6/μL) @ 6-7 mo in male subsample (N=55, 27)	.	4.52 ± 0.31 vs 4.52 ± 0.24; NS
		RBC (mean ± SD, number*10^6/μL) @ 9-10 mo in female subsample (N=NR)	.	4.36 ± 0.34 vs 4.36 ± 0.29; NS
		RBC (mean ± SD, number*10^6/μL) @ 9-10 mo in male subsample (N=NR)	.	4.50 ± 0.34 vs 4.45 ± 0.31; NS
		Hb (mean ± SD, g/dL) @ 6-7 mo in female subsample (N=47, 27)	.	11.8 ± 0.8 vs 12.0 ± 0.8; NS
		Hb (mean ± SD, g/dL) @ 6-7 mo in male subsample (N=55, 27)	.	11.9 ± 0.8 vs 12.1 ± 0.6; NS
		Hb (mean ± SD, g/dL) @ 9-10 mo in female subsample (N=NR)	.	11.8 ± 1.0 vs 12.0 ± 0.8; NS

Article Study design Country	Ever vs never consuming human milk exposure[†]	Iron status outcome[‡]	Significant associations	Nonsignificant associations
		Hb (mean ± SD, g/dL) @ 9-10 mo in male subsample (N=NR)	.	12.0 ± 0.9 vs 12.2 ± 0.9; NS
		Hct (mean ± SD, %) @ 6-7 mo in female subsample (N=47, 27)	.	34.7 ± 2.5 vs 35.0 ± 2.2; NS
		Hct (mean ± SD, %) @ 6-7 mo in male subsample (N=55, 27)	.	34.9 ± 2.4 vs 35.7 ± 1.8; NS
		Hct (mean ± SD, %) @ 9-10 mo in female subsample (N=NR)	.	34.5 ± 2.9 vs 35.1 ± 2.5; NS
		Hct (mean ± SD, %) @ 9-10 mo in male subsample (N=NR)	.	78.2 ± 3.4 vs 79.7 ± 2.0; NS[§]
		MCV (mean ± SD, fL) @ 6-7 mo in female subsample (N=47, 27)	.	79.0 ± 3.2 vs 80.1 ± 3.1; NS
		MCV (mean ± SD, fL) @ 6-7 mo in male subsample (N=55, 27)	.	77.3 ± 2.9 vs 79.0 ± 2.3; NS
		MCV (mean ± SD, fL) @ 9-10 mo in female subsample (N=NR)	.	79.3 ± 3.3 vs 80.9 ± 3.3; NS
		MCV (mean ± SD, fL) @ 9-10 mo in male subsample (N=NR)	.	77.3 ± 2.9 vs 79.0 ± 2.3; NS
		RDW (mean ± SD, %) @ 6-7 mo in female subsample (N=47, 27)	13.4 ± 0.7 vs 13.0 ± 0.7; $p<0.05$	.
		RDW (mean ± SD, %) @ 6-7 mo in male subsample (N=55, 27)	.	13.3 ± 0.7 vs 13.3 ± 0.6; NS
		RDW (mean ± SD, %) @ 9-10 mo in female subsample (N=NR)	.	13.3 ± 0.7 vs 13.0 ± 0.5; NS
		RDW (mean ± SD, %) @ 9-10 mo in male subsample (N=NR)	.	13.2 ± 0.7 vs 13.0 ± 0.8; NS
Bradley 1993[2] NRCT U.S.	High-Fe FF vs BF ≥6 mo	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 37)	.	12.0 ± 1.0 vs 11.8 ± 1.4; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=28, 37)	.	12.2 ± 1.1 vs 12.1 ± 1.0; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
		Hct (mean ± SD, %) @ 6 mo (N=41, 36)	.	35 ± 3 vs 35 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=26, 37)	.	36 ± 3 vs 36 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=33, 31)	.	39 ± 30 vs 45 ± 43; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=22, 30)	31 ± 17 vs 23 ± 28; p<0.008	.
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=28, 16)	.	141 ± 54 vs 119 ± 75; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=18, 16)	.	129 ± 65 vs 168 ± 105; NS
	High-Fe FF vs BF 1-8 wk then High-Fe FF	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 26)	.	12.0 ± 1.0 vs 11.3 ± 0.7; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=28, 21)	.	12.2 ± 1.1 vs 11.7 ± 1.1; NS
		Hct (mean ± SD, %) @ 6 mo (N=41, 25)	.	35 ± 3 vs 33 ± 2; NS
		Hct (mean ± SD, %) @ 12 mo (N=26, 20)	.	36 ± 3 vs 34 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=33, 26)	.	39 ± 30 vs 40 ± 18; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=22, 21)	.	31 ± 17 vs 31 ± 23; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=28, 24)	.	141 ± 54 vs 108 ± 51; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=18, 19)	.	129 ± 65 vs 106 ± 58; NS
	High-Fe FF vs BF 1-8 wk then Low-Fe FF	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 21)	.	12.0 ± 1.0 vs 11.5 ± 0.8; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=28, 20)	.	12.2 ± 1.1 vs 11.9 ± 1.0; NS
		Hct (mean ± SD, %) @ 6 mo (N=41, 21)	.	35 ± 3 vs 34 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=26, 20)	.	36 ± 3 vs 35 ± 3; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=33, 22)	.	39 ± 30 vs 29 ± 28; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=22, 19)	.	31 ± 17 vs 24 ± 22; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=28, 19)	.	141 ± 54 vs 113 ± 52; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=18, 16)	.	129 ± 65 vs 109 ± 35; NS
	Low-Fe FF vs BF ≥6 mo	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 37)	.	11.8 ± 1.2 vs 11.8 ± 1.4; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=34, 37)	.	12.2 ± 1.1 vs 12.1 ± 1.0; NS
		Hct (mean ± SD, %) @ 6 mo (N=40, 36)	.	35 ± 3 vs 35 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=34, 37)	.	36 ± 2 vs 36 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=31, 31)	.	31 ± 19 vs 45 ± 43; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=27, 30)	.	18 ± 11 vs 23 ± 28; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=27, 16)	.	117 ± 43 vs 119 ± 75; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=16, 16)	.	122 ± 55 vs 168 ± 105; NS
	Low-Fe FF vs BF 1-8 wk then High-Fe FF	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 26)	.	11.8 ± 1.2 vs 11.3 ± 0.7; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=34, 21)	.	12.2 ± 1.1 vs 11.7 ± 1.1; NS
		Hct (mean ± SD, %) @ 6 mo (N=40, 25)	.	35 ± 3 vs 33 ± 2; NS
		Hct (mean ± SD, %) @ 12 mo (N=34, 20)	.	36 ± 2 vs 34 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=31, 26)	.	31 ± 19 vs 40 ± 18; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=27, 21)	.	18 ± 11 vs 31 ± 23; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=27, 24)	.	117 ± 43 vs 108 ± 51; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=16, 19)	.	122 ± 55 vs 106 ± 58; NS
	Low-Fe FF vs BF 1-8 wk then Low-Fe FF	Hb (mean ± SD, g/dL) @ 6 mo (N=41, 21)	.	11.8 ± 1.2 vs 11.5 ± 0.8; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=34, 20)	.	12.2 ± 1.1 vs 11.9 ± 1.0; NS
		Hct (mean ± SD, %) @ 6 mo (N=40, 21)	.	35 ± 3 vs 34 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=34, 20)	.	36 ± 2 vs 35 ± 3; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
		SF (mean ± SD, µg/L) @ 6 mo (N=31, 22)	.	31 ± 19 vs 29 ± 28; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=27, 19)	.	18 ± 11 vs 24 ± 22; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=27, 19)	.	117 ± 43 vs 113 ± 52; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=16, 16)	.	122 ± 55 vs 109 ± 35; NS
Cusick 2007[3] RCS U.S.	Ever BF (ref) vs never BF	Incident anemia (OR (95% CI)) @24 ± 4 mo (N=NR, NR)	1.06 (1.04, 1.08)	.
		Persistent anemia (OR (95% CI)) @24 ± 4 mo (N=NR, NR)	1.07 (1.03, 1.11)	.
Jochum 1995[9] PCS Germany	EBF vs cow milk F	Hct (mean ± SE, %) @ 4 mo (N=50, 44)	.	36.4 ± 3.0 vs 35.9 ± 2.7; NS
		Hb (mean ± SE, g/dL) @ 4 mo (N=50, 44)	.	12.1 ± 0.9 vs 11.9 ± 2.7; NS
		Erythrocytes (mean ± SE, pL) @ 4 mo (N=50, 44)	.	4.4 ± 0.4 vs 4.3 ± 0.3; NS
		MCV (mean ± SE, fL) @ 4 mo (N=50, 44)	.	81.9 ± 7.3 vs 84.1 ± 5.4; NS
	EBF vs partially hydrolyzed whey protein FF	Hct (mean ± SE, %) @ 4 mo (N=50, 35)	.	36.4 ± 3.0 vs 35.3 ± 3.2; NS
		Hb (mean ± SE, g/dL) @ 4 mo (N=50, 35)	.	12.1 ± 0.9 vs 11.9 ± 1.0; NS
		Erythrocytes (mean ± SE, pL) @ 4 mo (N=50, 35)	.	4.4 ± 0.4 vs 4.2 ± 0.4; NS
		MCV (mean ± SE, fL) @ 4 mo (N=50, 35)	.	81.9 ± 7.3 vs 83.9 ± 4.0; NS
Lönnerdal 1990[12] NRCT China	EBF vs 1.4 g/dL protein and 55:45 whey:casein ratio FF	Hb (mean ± SD/SE, g/dl) @ time NR ≤12 wk (N=NR, NR)	.	11.5 ± 0.7 vs 11.0 ± 0.7; NS
	EBF vs 1.5 g/dL protein and 55:45 whey:casein ratio FF	Hb (mean ± SD/SE, g/dl) @ time NR ≤12 wk (N=NR, NR)	.	11.5 ± 0.7 vs 11.8 ± 1.1; NS
	EBF vs 1.3 g/dL protein and 55:45 whey:casein ratio FF	Hb (mean ± SD/SE, g/dl) @ time NR ≤12 wk (N=NR, NR)	.	11.5 ± 0.7 vs 11.2 ± 1.1; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Iron status outcome‡	Significant associations	Nonsignificant associations
	EBF vs 1.4 g/dL protein and 60:40 whey:casein ratio FF	Hb (mean ± SD/SE, g/dl) @ time NR ≤12 wk (N=NR, NR)	.	11.5 ± 0.7 vs 11.6 ± 0.7; NS
	EBF vs 1.4 g/dL protein and 20:80 whey:casein ratio FF	Hb (mean ± SD/SE, g/dl) @ time NR ≤12 wk (N=NR, NR)	.	11.5 ± 0.7 vs 11.0 ± 0.7; NS
Wu 2011[23] NRCT China	FF vs EBF	Fe (mean ± SD, indicator NR) @ 4 wk (N=30, 30)	.	112.93 ± 27.39 vs 111.23 ±26.18; NS
		Fe (mean ± SD, indicator NR) @ 8 wk (N=30, 30)	.	74.00 ± 24.3 vs 76.52 ± 24.6; NS

* Abbreviations: BF – breastfed/breastfeeding, CI – confidence interval, EBF – exclusively breastfed/exclusive breastfeeding, Fe – iron, FF – formula fed/formula feeding, Hb – hemoglobin, Hct – hematocrit, MCV – mean corpuscular volume, N – analytic sample size, NR – not reported, NRCT – non-randomized controlled trial, NS – nonsignificant, OR – odds ratio, PCS – prospective cohort study, RBC – red blood cell, RCS – retrospective cohort study, RDW – red cell distribution width, SD – standard deviation, SE – standard error, SF – serum ferritin

† Exposures, from the articles included in the body of evidence, which address ever vs never consuming human milk or vice versa

‡ Outcomes, from the articles included in the body of evidence, which address iron status including iron deficiency and anemia

§ In the study by Amano et al 2019 the reported hematocrit values may be inaccurate

Table 2. Risk of bias for non-randomized controlled trials examining the relationship between ever vs never consuming human milk and iron status[*,†]

Study	Confounding	Selection of participants	Classification of interventions	Deviations from intended interventions	Missing data	Outcome measurement	Selection of the reported result
Bradley 1993[2]	Serious	Serious	Moderate	Low	Serious	Low	Low
Lönnerdal 1990[12]	Serious	No information	Moderate	Moderate	No information	Low	Serious
Wu 2011[23]	Critical	Low	Moderate	Moderate	Low	Low	Low

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias in Non-randomized Studies of Interventions (ROBINS-I) tool" (Sterne JAC, Hernán MA, Reeves BC, Savović J, Berkman ND, Viswanathan M, Henry D, Altman DG, Ansari MT, Boutron I, Carpenter JR, Chan AW, Churchill R, Deeks JJ, Hróbjartsson A, Kirkham J, Jüni P, Loke YK, Pigott TD, Ramsay CR, Regidor D, Rothstein HR, Sandhu L, Santaguida PL, Schünemann HJ, Shea B, Shrier I, Tugwell P, Turner L, Valentine JC, Waddington H, Waters E, Wells GA, Whiting PF, Higgins JPT. ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. BMJ 2016; 355; i4919; doi: 10.1136/bmj.i4919.)

Table 3. Risk of bias for observational studies examining the relationship between ever vs never consuming human milk and iron status[*,†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing data	Outcome measurement	Selection of the reported result
Jochum 1995[9]	Serious	Low	Serious	Low	Serious	Low	Low
Amano 2019[1]	Serious	Serious	Serious	Low	Low	Low	Low
Cusick 2007[3]	Serious	Critical for persistent anemia	Serious	Moderate	Serious	Moderate	Serious

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Description of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 4)

Five articles present evidence comparing iron status in infants who consumed human milk for different durations.[2,7,8,16,20]

Population

The samples of infants were from the United States, Iceland, Israel, and Japan and a multinational sample was from Austria, Germany, Greece, Hungary, Italy, Portugal, Spain, Sweden, and the UK. Three studies followed participants starting at or close to their birth,[2,7,20] 1 study enrolled participants by 30 days of age,[16] and 1 followed participants starting at about 4 months.[8] Participants in the U.S. study were mostly White,[2] participants in the multinational study were all White,[16] participants in the study from Iceland had Icelandic parents,[20] and participants in the study from Israel were Arab and about 61% were from low-income families.[8] Isomura et al[7] did not report demographic information.

Interventions/exposures and comparators

Three studies examined the number of months infants consumed human milk as a continuous variable.[7,16,20]

Two studies grouped infants into categories by duration of human milk consumption. Jaber[8] compared infants who consumed human milk for <3, 5-6, and >6 months (note: the article did not include a duration of 3-5 months). Bradley et al[2] compared infants who consumed human milk ≥6 months with infants who initially consumed human milk (range 1-8 weeks) and then, after mothers decided to stop feeding human milk, were randomized into 2 groups fed infant formulas with different levels of iron.

In addition to human milk, some infants consumed infant formula, complementary foods and beverages, and/or iron supplements prior to the measurement of iron status.

- Bradley et al[2] specified that infants could consume up to 1 supplemental feeding per day of a low-iron formula. Isomura et al[7] estimated that, at 1 month, half of infants were partially breastfed and 8% of infants consumed <5% of their total milk as human milk, and by the time of the 6-month outcome measure, half of infants were partially breastfed and 35% of infants consumed <5% of their total milk as human milk. Male et al[16] reported that, by the 12-month outcome measure, infants had been partially breastfed for an average of 3.6 months (range 0-12 months) and that iron content of formulas ranged from 5-14 mg/L. In the study by Thorsdottir et al,[20] about 10% and 25% of infants were fed some formula by 1 and 6 months of age, respectively. Jaber[8] did not report data about infant formula consumption.
- Infants in the analyses reported by Bradley et al[2] could consume complementary foods and beverages, including iron-fortified cereals, starting at 4 months (i.e., prior to the outcome measures at 6 and 12 months). Isomura et al[7] noted that all infants consumed complementary foods by 6 months, when outcomes were measured. Jaber[8] reported that at 12 months, when outcomes were measured, about 68% of infants were consuming a varied diet. In addition, 1 infant had consumed tea for a short time during the first month of life, and 2 infants had consumed cow milk for short periods (not quantified). Male et al[16] stated that all infants were fed complementary foods by the outcome measure, at 12 months, all commercially prepared cereals were iron fortified, and in the 3-month period preceding the outcome measures 91% of infants consumed meat almost every day. Participants also consumed complementary beverages; cow milk was introduced at an

average age of 10 months (range 1-12 months) and, at 12 months, about half of infants consumed follow-on formula. Thorsdottir et al[20] noted that the national recommendation at the time of the study was to wean to cow milk starting at 6 months of age. Accordingly, 40% of 6-month-olds consumed cow milk, and by the time of the outcome measure at 12 months, 98% of infants consumed cow milk. Intake of complementary foods was not quantified.

- Bradley et al[2] reported that mineral supplements were not prescribed to any infants, and Isomura et al[7] noted that Japan did not have a policy recommendation for infants to take iron supplements at the time of the study. On the other hand, Male et al[16] reported that 11% of infants took iron supplements in the 3-month period before the outcome measure (i.e., 9-12 months) and Jaber[8] reported that the proportion of infants taking iron supplements rose from 12-13% under age 6 months to nearly 75% over age 6 months. Thorsdottir et al[20] did not quantify infant intake of iron supplements.

Outcomes

Three studies examined iron deficiency or anemia. Jaber[8] defined anemia at 12 months as hemoglobin <11 g/dL. Thorsdottir et al[20] defined iron deficiency at 12 months as serum ferritin <12 µg/l and mean corpuscular volume <74 fl. Male et al[16] defined iron deficiency at 12 months as the presence of ≥2 of the following abnormal iron status indicators: low mean corpuscular volume (<70 fl), low serum ferritin (<10 µg/L), low transferrin saturation (<10%), high transferrin receptor (>4.4 mg/L). Iron deficiency anemia at 12 months was defined as anemia (hemoglobin <11.0 g/dL) plus ≥2 of the abnormal iron status indicators listed above.

Four studies[2,7,16,20] examined iron indicators, including hemoglobin, hematocrit, mean corpuscular volume, serum ferritin, serum iron, transferrin receptor, and transferrin saturation measured at ages 6 and/or 12 months.

Synthesis and assessment[v] of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 4)

The evidence examining the association between the duration of any human milk consumption among infants fed human milk and iron status is inconclusive. In the synthesis and assessment of the evidence that follows, several limitations are described that make it difficult to draw a conclusion.

Consistency: The evidence has limited consistency.

- Iron deficiency and anemia: The evidence available from 3 studies did not show a consistent association between the duration of any human milk consumption and iron deficiency or anemia.
  - Jaber[8] and Thorsdottir et al[20] both reported statistically significant associations between longer durations of human milk consumption and favorable outcomes. Jaber[8] found that significantly more infants who consumed human milk for <3 months or for 5-6 months had anemia at 12 months than infants who consumed human milk for >6 months (note: the article did not include a duration of 3-5 months). Thorsdottir et al,[20] likewise, found

[v] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

that the duration of human milk feeding was significantly shorter among 12-month-old infants with iron deficiency (i.e., serum ferritin <12 µg/l and mean corpuscular volume <74 fL) than among those without.

- Male et al[16] reported no significant associations between the duration of full or partial breastfeeding between 0-12 months and iron deficiency, anemia, or iron deficiency anemia at 12 months. The analyses were likely to have sufficient statistical power because they examined duration as a continuous variable among the entire sample of 488 infants.
- This inconsistency may be due to some important differences between the studies.
  - Participants in the study by Male et al[16] were all White, but were from several different European countries. Participants in the study by Thorsdottir et al[20] all had Icelandic parents. Participants in the study by Jaber[8] were all Arab and predominantly (61%) from low-income families.
  - The samples may have differed in their human milk consumption, although differences in reporting make it difficult to compare across studies. Participants in the study by Male et al[16] were partially breastfed for a mean of 3.6 ± 3.9 months. Thorsdottir et al[20] reported that 77% of infants were breastfed at 6 months and about 12% were breastfed at 12 months. In the analysis by Jaber[8], most infants consumed human milk for >6 months (N=168, compared with N=29 and N=87 for durations of <3 and 5-6 months, respectively).
  - The sample studied by Thorsdottir et al[20] may have consumed more cow milk and less infant formula than the sample studied by Male et al.[16] Thorsdottir et al[20] reported that about 25% and 0% of infants consumed infant formula at 6 and 12 months, respectively, but that 40% and 98% of infants consumed cow's milk. Male et al[16] reported that formula (with a range of 5-14 mg/L iron) was consumed for a mean of 7.9 ± 3.9 months and that cow milk was introduced at a mean of 10.0 ± 2.6 months. Jaber[8] did not report formula consumption but did report that only 2 infants consumed cow milk (for short periods).
  - Fewer infants in the study by Male et al[16] were given iron supplements than in the study by Jaber[8] (11% and nearly 75%, respectively). It is harder to determine whether the samples differed in complementary feeding practices. Male et al[16] reported that 91% of infants consumed meat almost daily and Jaber[8] reported that about 68% of infants were consuming a varied diet by the time of the outcome measure. Thorsdottir et al[20] did not report similar information.
  - Male et al[16] accounted for more of the *key confounders* listed on the analytic framework than Jaber[8] and Thorsdottir et al.[20] Jaber[8] did not adjust for any confounders, Thorsdottir et al[20] and Male et al[16] both adjusted for sex and types and amounts of complementary foods and beverages, and Male et al[16] additionally adjusted for socioeconomic status, vitamin/mineral supplements, and birthweight. None of the studies adjusted for race/ethnicity, but each included a homogeneous sample.

- Other iron status outcomes: The evidence available from 4 studies did not show a consistent association between the duration of any human milk consumption and other iron status outcomes.
  - Thorsdottir et al[20] reported significant correlations between the total duration of human milk consumption and serum ferritin and the ratio of transferrin receptor to serum ferritin

at 12 months; longer duration was associated with better iron status. However, this study may be prone to reporting bias because it is unclear whether other outcome measures described in the study (i.e., mean corpuscular volume, hemoglobin, and transferrin receptor) were not assessed at 12 months or were not reported (possibly because they lacked statistical significance).

- The remaining 3 studies did not find any significant associations between duration variables and hemoglobin, hematocrit, serum ferritin, or serum iron at 6 and 12 months and mean corpuscular volume, transferrin saturation, or transferrin receptor at 12 months.[2,7,16] The analyses in the study by Bradley et al[2] may have lacked statistical power because they compared small groups of infants fed human milk for different durations. Isomura et al[7] and Male et al,[16] however, used their full samples (N=86 and N=488, respectively) to examine duration as a continuous variable.
- The inconsistencies in the findings may be due to differences between samples in the consumption of human milk, infant formula, cow milk, complementary foods, and iron supplements.
  - Bradley et al[2] studied infants fed human milk for 1-8 weeks and infants fed human milk for ≥6 months. Isomura et al[7] estimated that, at 6 months, 82% of infants were partially to completely breastfed (i.e., considering the proportion of infants' total milk intake that was human milk). As described previously, Thorsdottir et al[20] reported that 77% of infants were breastfed at 6 months and about 12% were breastfed at 12 months, and participants in the study by Male et al[16] were breastfed for a mean of 3.6 ± 3.9 months.
  - As described previously, the sample in the study by Male et al[16] may have consumed more infant formula and less cow milk than the sample in the study by Thorsdottir et al.[20] Bradley et al[2] specified that breastfed infants could consume up to 1 supplemental feeding per day of a low-iron formula and then consumed a low-iron formula from the end of the breastfeeding period (i.e., 1-8 weeks or ≥ 6 months, depending on the group) until age 12 months. Isomura et al[7] specified that, at 6 months, 35% of infants were predominantly formula-fed (i.e., <5% of their total milk intake was human milk). Neither Bradley et al[2] nor Isomura et al[7] reported cow milk intake.
  - Thorsdottir et al[20] did not report intake of complementary foods, but the other studies specified that infants were consuming complementary foods and beverages by the time outcomes were measured. Male et al[16] reported that 91% of infants consumed meat almost every day by the time outcomes were measured.
  - Thorsdottir et al[20] and Isomura et al[7] did not report supplement use, although Isomura et al[7] noted that infant supplementation was not recommended in Japan at the time of the study. Bradley et al[2] reported that mineral supplements were not prescribed to any infants and Male et al[16] reported that 11% of infants were given iron supplements at the time of the outcome measure.

Precision: The precision of the evidence cannot be adequately assessed.

- The body of evidence had only 5 studies, and most were likely to have sufficient statistical power (i.e., 2 studies reported significant findings,[8,20] and 2 with nonsignificant findings examined duration as a continuous variable using the entire sample[7,16]). However, an assessment of precision is hindered by the lack of reporting of data that would allow for a comparison of the magnitude of effect across studies. The studies that reported significant

findings did not report effect sizes,[8,20] and one of the studies that reported a nonsignificant association did not report any data.[16]

Directness: The evidence has moderate directness.

- Three of the 5 articles reported study objectives that included the examination of whether the duration of human milk consumption is related to iron status.[7,16,20]

Generalizability: The evidence has limited generalizability.

- Iron deficiency, anemia, and iron deficiency anemia were examined at 12 months and not at any other time during the birth to 24 month period. None of the studies examining iron deficiency and anemia were conducted in the United States, but rather represent White European,[16] Icelandic,[20] and low-income Arab[8] populations. A large proportion of the sample examined by Thorsdottir et al[20] consumed cow milk and a large proportion of the sample examined by Jaber[8] took iron supplements prior to 12 months, which may limit the generalizability of the findings to the United States.
- With regard to other iron status outcomes, the studies measured outcomes at 6 and 12 months, only, and not the rest of the birth to 24 month period. Only 1 study was from the United States, and participants in that study were mostly White.[2] The remaining studies included White European children,[16] Icelandic children,[20] and children from Japan.[7] As described above, findings from the Icelandic sample, where cow milk was consumed by a large proportion of infants before 12 months, may not be generalizable to the United States.

Risk of bias: There is a limited likelihood that the design and conduct of the studies have prevented or minimized bias.

- None of the studies accounted for all of the *key confounders* listed on the analytic framework although, as noted above, Male et al[16] accounted for most of them. In addition, none of the studies accounted for any of the *other factors to be considered* from the analytic framework, although Male et al[16] did adjust for infectious illness, which is related to inflammatory biomarkers. The lack of adjustment for the timing of cord clamping is worth noting due to its potential to impact anemia.[vi]
- The studies were prone to other risks of bias, which varied between studies (Tables 5 and 6).

[vi] Dewey KG, Chaparro CM. Session 4: Mineral metabolism and body composition iron status of breast-fed infants. The Proceedings of the Nutrition Society. 2007;66(3):412-422.

Table 4. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status.*

Article Study design Country	Duration of any human milk consumption exposure.†	Iron status outcome.‡	Significant associations	Nonsignificant associations
Bradley 1993[2] NRCT U.S.	BF 1-8 wk then High-Fe FF vs BF ≥6 mo	Hb (mean ± SD, g/dL) @ 6 mo (N=26, 37)	.	11.3 ± 0.7 vs 11.8 ± 1.4; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=21, 37)	.	11.7 ± 1.1 vs 12.1 ± 1.0; NS
		Hct (mean ± SD, %) @ 6 mo (N=25, 36)	.	33 ± 2 vs 35 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=20, 37)	.	34 ± 2 vs 36 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=26, 31)	.	40 ± 18 vs 45 ± 43; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=21, 30)	.	31 ± 23 vs 23 ± 28; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=24, 16)	.	108 ± 51 vs 119 ± 75; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=19, 16)	.	106 ± 58 vs 168 ± 105; NS
	BF 1-8 wk then Low-Fe FF vs BF ≥6 mo	Hb (mean ± SD, g/dL) @ 6 mo (N=21, 37)	.	11.5 ± 0.8 vs 11.8 ± 1.4; NS
		Hb (mean ± SD, g/dL) @ 12 mo (N=20, 37)	.	11.9 ± 1.0 vs 12.1 ± 1.0; NS
		Hct (mean ± SD, %) @ 6 mo (N=21, 36)	.	34 ± 3 vs 35 ± 3; NS
		Hct (mean ± SD, %) @ 12 mo (N=20, 37)	.	35 ± 3 vs 36 ± 2; NS
		SF (mean ± SD, µg/L) @ 6 mo (N=22, 31)	.	29 ± 28 vs 45 ± 43; NS
		SF (mean ± SD, µg/L) @ 12 mo (N=19, 30)	.	24 ± 22 vs 23 ± 28; NS
		Serum Fe (mean ± SD, µg/dL) @ 6 mo (N=19, 16)	.	113 ± 52 vs 119 ± 75; NS
		Serum Fe (mean ± SD, µg/dL) @ 12 mo (N=19, 16)	.	109 ± 35 vs 168 ± 105; NS
Isomura 2011[7] PCS Japan	BF duration (mo)	Hb (β (95% CI), g/dL) @ 6 mo (N=86)	.	-0.24 (-0.69, 0.20); p=0.09

Article Study design Country	Duration of any human milk consumption exposure[†]	Iron status outcome[‡]	Significant associations	Nonsignificant associations
		Hct (β (95% CI), %) @ 6 mo (N=86)	.	-0.33 (-0.74, 0.08); p=0.11
Jaber 2014[8] PCS Israel	Period of BF <3 vs 5-6 vs >6 mo	Anemic (%) @ 12 mo (N=29, 87, 168)	44.8% vs 46.0% vs 25.6%; p=0.002 for >6 mo	.
Male 2001[16] PCS Multinational[§] (Euro-Growth)	Duration of full or partial BF between 0-12 mo (mo)	Anemia (OR ± 95% CI) @ 12 mo (N=488)	.	Data NR; NS
		ID (OR ± 95% CI) @ 12 mo (N=488)	.	Data NR; NS
		IDA (OR ± 95% CI) @ 12 mo (N=488)	.	Data NR; NS
		Hb (mean ± SD, g/L) @ 12 mo (N=488)	.	Data NR; NS
		MCV (mean ± SD, fL) @ 12 mo (N=488)	.	Data NR; NS
		logSF (mean ± SD, µg/L) @ 12 mo (N=488)	.	Data NR; NS
		√TSAT (mean ± SD, %) @ 12 mo (N=488)	.	Data NR; NS
		logTfR (mean ± SD, mg/L) @ 12 mo (N=488)	.	Data NR; NS
Thorsdottir 2003[20] PCS Iceland	Total BF duration (mo)	ID vs Non-ID @12 mo (N=19, 89)	Mean duration ± SD: 5.3 ± 2.2 vs 7.9 ± 3.2; p=0.001	.
		Log SF (adjusted r2) @12 mo (N=105)	0.14; p=0.027	.
		TfR:log SF (adjusted r2) @12 mo (N=94)	0.07; p=0.005	.

[*] Abbreviations: BF – breastfed/breastfeeding, CI – confidence interval, Fe – iron, FF – formula fed/formula feeding, Hb – hemoglobin, Hct – hematocrit, ID – iron deficiency, IDA – iron deficiency anemia, MCV – mean corpuscular volume, N – analytic sample size, NR – not reported, NRCT – non-randomized controlled trial, NS – nonsignificant, OR – odds ratio, PCS – prospective cohort study, RBC – red blood cell, SD – standard deviation, SF – serum ferritin, TfR – transferrin receptor, TSAT – transferrin saturation
[†] Exposures, from the articles included in the body of evidence, which address the duration of any human milk consumption among infants fed human milk
[‡] Outcomes, from the articles included in the body of evidence, which address iron status including iron deficiency and anemia
[§] Austria, Germany, Greece, Hungary, Italy, Portugal, Spain, Sweden, UK

Table 5. Risk of bias for the non-randomized controlled trial examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status[*] [†]

Study	Confounding	Selection of participants	Classification of interventions	Deviations from intended interventions	Missing data	Outcome measurement	Selection of the reported result
Bradley 1993[2]	Serious	Serious	Moderate	Low	Serious	Low	Low

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias in Non-randomized Studies of Interventions (ROBINS-I) tool" (Sterne JAC, Hernán MA, Reeves BC, Savović J, Berkman ND, Viswanathan M, Henry D, Altman DG, Ansari MT, Boutron I, Carpenter JR, Chan AW, Churchill R, Deeks JJ, Hróbjartsson A, Kirkham J, Jüni P, Loke YK, Pigott TD, Ramsay CR, Regidor D, Rothstein HR, Sandhu L, Santaguida PL, Schünemann HJ, Shea B, Shrier I, Tugwell P, Turner L, Valentine JC, Waddington H, Waters E, Wells GA, Whiting PF, Higgins JPT. ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. BMJ 2016; 355; i4919; doi: 10.1136/bmj.i4919.)

Table 6. Risk of bias for observational studies examining the relationship between the duration of any human milk consumption among infants fed human milk and iron status[*,†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing data	Outcome measurement	Selection of the reported result
Isomura 2011[7]	**Serious**	**Low**	**Serious**	**Moderate**	**Moderate**	**Low**	**Serious**
Jaber 2014[8]	**Serious**	**Low**	**Serious**	**Low**	**Low**	**Low**	**Low**
Male 2001[16]	**Serious**	**Moderate**	**Serious**	**Low**	**Low**	**Moderate**	**Low**
Thorsdottir 2003[20]	**Serious**	**Low**	**Serious**	**Low**	**Low**	**Low**	**Serious**

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Zinc status

Five articles, published between 1986 and 1994, examined the relationships of ever compared with never consuming human milk, and different durations of any human milk consumption, with zinc status from birth to 24 months.[2,11,12,17,18]

No evidence was identified that met the inclusion criteria to examine different durations of exclusive human milk consumption before the introduction of infant formula or different intensities, proportions, or amounts of human milk consumed by mixed-fed infants.

Description of the evidence comparing ever with never consuming human milk (Table 7)

Four articles presented evidence comparing the zinc status of infants who ever consumed human milk with that of infants who never consumed human milk.[2,11,12,18]

Population

The samples of infants were from the United States, China, Germany, and the UK. The investigators followed participants starting at birth. Most studies included infants born full-term and/or with a normal birthweight; however, Salim et al[18] included participants born with a gestational age of 32 to 42 weeks and 28% of participants had low birth weight. Participants from the U.S.-based study were mostly White.[2] Authors of the remaining 3 studies did not report the racial or ethnic composition of their samples.

Interventions/exposures and comparators

Infants who consumed human milk:

- Two studies included a group of infants fed human milk exclusively. In the study by Lombeck and Fuchs,[11] infants were only fed human milk throughout the observation period. Lönnerdal and Chen[12] did not specify the duration of the exclusive human milk-feeding period.
- One study, by Bradley et al,[2] included groups of infants fed human milk, but not exclusively. One group was fed human milk ≥6 months with up to 1 supplemental feeding per day of a low-iron formula. The other 2 groups consumed human milk for 1 to 8 weeks and were then randomized to consume formulas with different levels of iron.
- One study, by Salim et al,[18] did not report sufficient information to determine the exclusivity of the human milk exposure.

Infants who never consumed human milk:

- In the study by Lombeck and Fuchs,[11] parents who decided to formula feed selected the formula. Families with no history of atopic disease chose 1 of 11 different cow milk formulas, whereas study staff recommended partially hydrolyzed whey protein formula to parents of children with a family history of atopy.
- In 3 studies, parents who decided to formula feed were assigned to a formula by research staff. Bradley et al,[2] Lönnerdal and Chen,[12] and Salim et al[18] randomly allocated infants to formulas with different levels of iron, different levels and sources of protein, and different levels of copper, respectively.

In addition to human milk and infant formula, some infants consumed complementary foods and beverages and/or supplements prior to the measurement of zinc status.

- In the study by Bradley et al,[2] infants could consume complementary foods and beverages,

including iron-fortified cereals, starting at 4 months (i.e., prior to the outcome measures at 6 and 12 months). Mineral supplements were not prescribed to any of the infants.

- Lönnerdal and Chen[12] and Salim et al[18] did not report whether any infants received complementary foods and beverages or supplements prior to the measurement of outcomes between 2 and 12 weeks.

Outcomes

The studies measured serum zinc at 2, 4, 8, and 12 weeks[12] and at 6 and 12 months,[2] plasma zinc at 8 to 10 weeks[18] and 4 months,[11] and urinary zinc at 4 months.[11]

Synthesis and assessment[vii] of the evidence comparing ever with never consuming human milk (Table 7)

The evidence examining the association between ever, compared with never, consuming human milk and zinc status from birth to 24 months is inconclusive. In the synthesis and assessment of the evidence that follows, several limitations are described that make it difficult to draw a conclusion.

Consistency: The evidence has limited consistency.

- The evidence is inconsistent with regard to the statistical significance of the findings, and there is not enough information to determine whether this relates to statistical power.
  - Two of 4 studies reported statistically significant associations between ever, compared with never, consuming human milk and zinc status.[11,18] All 4 studies also reported nonsignificant associations.
  - This inconsistency may be due to differences in statistical power, but it is difficult to know for sure because none of the studies reported power calculations.
  - This inconsistency may also be due to methodological differences, such as differences in the exposure (which included different durations of any and exclusive human milk feeding), comparator (which included several different types of infant formula), outcome (which included serum, plasma, and urinary zinc measured at time points between 2 weeks and 12 months), or other factors (e.g., confounding).
- Both statistically significant associations showed that infants who ever consumed human milk had higher zinc status than infants who never consumed human milk.
  - Salim et al[18] found that plasma zinc was significantly higher at 8 to 10 weeks in infants fed human milk than in infants fed a high-copper formula. However, plasma zinc was not significantly different between infants fed human milk and infants fed a low-copper formula.
  - Lombeck and Fuchs[11] found that plasma zinc was significantly higher at 120 days in infants fed human milk exclusively than in infants fed cow's milk formula. When the authors stratified this analysis by sex, they found that the difference was significant in female participants but not in male participants. Plasma zinc was not significantly different between infants fed human milk and infants fed hypoallergenic (i.e., cow's milk

[vii] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

whey hydrolysate) formula. Urinary zinc was not significantly different between infants fed human milk and infants fed either type of infant formula; however, the authors did not report the sample sizes or data so this finding is difficult to interpret.

Precision: The precision of the evidence cannot be adequately assessed.

- There is not enough information to determine whether the body of evidence has an adequate number of sufficiently powered studies.
  - There are only 4 studies in the body of evidence.
  - As previously described, there is not enough information to determine whether the studies had sufficient statistical power to examine the relationships of interest.
- Across the 2 statistically significant associations, mean plasma zinc levels differed in infants with similar exposures; for example, infants fed human milk had mean plasma zinc levels of 17.6 ± 5.8 μmol/l[18] and 12.15 ± 1.73 μmol/l.[11] The difference is difficult to interpret because of methodological differences between studies, such as differences in diet (e.g., Salim et al[18] did not report whether human milk-fed infants consumed formula or complementary foods and beverages) and differences in the age at outcome measure (i.e., 8 to 10 weeks and 120 days).

Directness: The evidence has moderate directness.

- Three of the 4 articles reported study objectives that included the comparison of zinc status between human milk-fed and formula-fed infants.

Generalizability: The evidence has limited generalizability.

- Participants in the U.S. study were primarily White and no other studies reported race or ethnicity.
- Salim et al[18] examined a sample in which 28% of infants were born with low birth weight.
- Participants' exposure years were from the early 1980s to 1991. Therefore, the findings may not be generalizable to infants who consume formulas currently on the market.

Risk of bias: There a limited likelihood that the design and conduct of the studies have prevented or minimized bias.

- Two studies accounted for none of the *key confounders* on the analytic framework,[12,18] and the remaining 2 studies only accounted for 1 *key confounder.*[2,11]
- The studies were prone to other risks of bias (Tables 8 and 9), which varied between studies.

Table 7. Evidence examining the relationship between ever vs never consuming human milk and zinc status*

Article Study design Country	Ever vs never consuming human milk exposure†	Zinc status outcome‡	Significant associations	Nonsignificant associations
Bradley 1993[2] NRCT U.S.	High-Fe FF vs BF ≥6 mo	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=31, 17)	.	77.0 ± 17.8 vs 72.6 ± 8.9; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=20, 20)	.	76.1 ± 13.3 vs 74.8 ± 14.5; NS
	High-Fe FF vs BF 1-8 wk then High-Fe FF	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=31, 23)	.	77.0 ± 17.8 vs 75.0 ± 14.7; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=20, 18)	.	76.1 ± 13.3 vs 71.4 ± 13.1; NS
	High-Fe FF vs BF 1-8 wk then Low-Fe FF	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=31, 18)	.	77.0 ± 17.8 vs 76.9 ± 19.3; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=20, 16)	.	76.1 ± 13.3 vs 72.1 ± 16.7; NS
	Low-Fe FF vs BF ≥6 mo	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=27, 17)	.	76.4 ± 13.5 vs 72.6 ± 8.9; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=17, 20)	.	78.2 ± 17.3 vs 74.8 ± 14.5; NS
	Low-Fe FF vs BF 1-8 wk then High-Fe FF	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=27, 23)	.	76.4 ± 13.5 vs 75.0 ± 14.7; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=17, 18)	.	78.2 ± 17.3 vs 71.4 ± 13.1; NS
	Low-Fe FF vs BF 1-8 wk then Low-Fe FF	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=27, 18)	.	76.4 ± 13.5 vs 76.9 ± 19.3; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=17, 16)	.	78.2 ± 17.3 vs 72.1 ± 16.7; NS
Lombeck 1994[11] PCS Germany	EBF vs cow's milk FF	Plasma Zn (mean ± SD, µmol/l) @ 120 ± 15 d (N=49, 44)	12.15 ± 1.73 vs 11.09 + 1.71; p=0.004	.
		In female subsample (N=21,24)	12.38 ± 1.88 vs 10.57 ± 1.42; p=0.0007	.
		In male subsample (N=28, 20)	.	11.98 ± 1.64 vs 11.70 ± 1.87; NS

Article Study design Country	Ever vs never consuming human milk exposure[†]	Zinc status outcome[‡]	Significant associations	Nonsignificant associations
		Urinary Zn (units NR) @ 120 ± 15 d (N=8-12 per group, NR)	.	NS, data NR
	EBF vs hypoallergenic FF	Plasma Zn (mean ± SD, µmol/l) @ 120 ± 15 d (N=49, 35)	.	12.15 ± 1.73 vs 12.35 ± 1.65; NS
		In female subsample (N=21,14)	.	12.38 ± 1.88 vs 12.93 ± 1.44; NS
		In male subsample (N=28, 21)	.	11.98 ± 1.64 vs 11.95 ± 1.68; NS
		Urinary Zn (units NR) @ 120 ± 15 d (N=8-12 per group, NR)	.	NS, data NR
Lönnerdal 1990[12] NRCT China	EBF vs 1.4 g/dL protein and 55:45 whey:casein ratio FF	Serum Zn (mean µg/ml) @ 2 wk (N=NR, NR)	.	~0.5 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 4 wk (N=NR, NR)	.	~0.55 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 8 wk (N=NR, NR)	.	~0.6 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 12 wk (N=NR, NR)	.	~0.75 vs ~0.7; NS
	EBF vs 1.5 g/dL protein and 55:45 whey:casein ratio FF	Serum Zn (mean µg/ml) @ 2 wk (N=NR, NR)	.	~0.5 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 4 wk (N=NR, NR)	.	~0.55 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 8 wk (N=NR, NR)	.	~0.6 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 12 wk (N=NR, NR)	.	~0.75 vs ~0.8; NS
	EBF vs 1.3 g/dL protein and 55:45 whey:casein ratio FF	Serum Zn (mean µg/ml) @ 2 wk (N=NR, NR)	.	~0.5 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 4 wk (N=NR, NR)	.	~0.55 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 8 wk (N=NR, NR)	.	~0.6 vs ~0.7; NS
		Serum Zn (mean µg/ml) @ 12 wk (N=NR, NR)	.	~0.75 vs ~0.65; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Zinc status outcome‡	Significant associations	Nonsignificant associations
	EBF vs 1.4 g/dL protein and 60:40 whey:casein ratio FF	Serum Zn (mean µg/ml) @ 2 wk (N=NR, NR)	.	~0.5 vs ~0.5; NS
		Serum Zn (mean µg/ml) @ 4 wk (N=NR, NR)	.	~0.55 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 8 wk (N=NR, NR)	.	~0.6 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 12 wk (N=NR, NR)	.	~0.7 vs ~0.65; NS
	EBF vs 1.4 g/dL protein and 20:80 whey:casein ratio FF	Serum Zn (mean µg/ml) @ 2 wk (N=NR, NR)	.	~0.5 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 4 wk (N=NR, NR)	.	~0.55 vs ~0.55; NS
		Serum Zn (mean µg/ml) @ 8 wk (N=NR, NR)	.	~0.6 vs ~0.6; NS
		Serum Zn (mean µg/ml) @ 12 wk (N=NR, NR)	.	~0.75 vs ~0.65; NS
Salim 1986[18] NRCT UK	BF vs Low-Cu FF	Plasma Zn (mean ± SD µmol/l) @ 8-10 wk (N=30, 38)	.	17.6 ± 5.8 vs 15.8 ± 4.7; NS
	BF vs High-Cu FF	Plasma Zn (mean ± SD µmol/l) @ 8-10 wk (N=30, 30)	17.6 ± 5.8 vs 13.8 ± 4.3; p<0.005	.

* Abbreviations: BF – breastfed/breastfeeding, CI – confidence interval, Cu – copper, EBF – exclusively breastfed/exclusive breastfeeding, Fe – iron, FF – formula fed/formula feeding, N – analytic sample size, NR – not reported, NRCT – non-randomized controlled trial, NS – nonsignificant, PCS – prospective cohort study, SD – standard deviation, SE – standard error, Zn – zinc

† Exposures, from the articles included in the body of evidence, which address ever vs never consuming human milk or vice versa

‡ Outcomes, from the articles included in the body of evidence, which address zinc status

Table 8. Risk of bias for non-randomized controlled trials examining the relationship between ever vs never consuming human milk and zinc status*†

Study	Confounding	Selection of participants	Classification of interventions	Deviations from intended interventions	Missing data	Outcome measurement	Selection of the reported result
Bradley 1993[2]	Serious	Serious	Moderate	Low	Serious	Low	Low
Lönnerdal 1990[12]	Serious	No information	Moderate	Moderate	No information	Low	Serious
Salim 1986[18]	Serious	Low	Serious	Low	Serious	Low	Low

* A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
† Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias in Non-randomized Studies of Interventions (ROBINS-I) tool" (Sterne JAC, Hernán MA, Reeves BC, Savović J, Berkman ND, Viswanathan M, Henry D, Altman DG, Ansari MT, Boutron I, Carpenter JR, Chan AW, Churchill R, Deeks JJ, Hróbjartsson A, Kirkham J, Jüni P, Loke YK, Pigott TD, Ramsay CR, Regidor D, Rothstein HR, Sandhu L, Santaguida PL, Schünemann HJ, Shea B, Shrier I, Tugwell P, Turner L, Valentine JC, Waddington H, Waters E, Wells GA, Whiting PF, Higgins JPT. ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. BMJ 2016; 355; i4919; doi: 10.1136/bmj.i4919.)

Table 9. Risk of bias for the observational study examining the relationship between ever vs never consuming human milk and zinc status*†

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing data	Outcome measurement	Selection of the reported result
Lombeck 1994[11]	Serious	Low	Serious	Low	Low	Low	Low

* A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
† Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Description of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 10)

Two articles presented evidence comparing zinc status in infants who consumed human milk for different durations.[2,17]

Population

The study samples were full-term infants from the United States and Denmark who were followed from birth. Participants in the U.S.-based study were mostly White [2], and the study from Denmark did not report race or ethnicity.[17]

Interventions/exposures and comparators

Michaelsen et al[17] examined the duration (but did not report the unit of time) that infants were fed human milk at least once per day. The intake of infant formula, complementary foods and beverages, and supplements were not reported.

Bradley et al[2] compared infants who consumed human milk for ≥6 months with infants who initially consumed human milk (range 1-8 weeks) and then, after mothers decided to stop feeding human milk, were randomized into 2 groups fed infant formulas with different levels of iron. Human milk-fed infants could consume up to 1 supplemental feeding per day of a low-iron formula. Infants could consume complementary foods and beverages starting at 4 months (i.e., prior to the outcome measures at 6 and 12 months). Mineral supplements were not prescribed to any of the infants.

Outcomes

The studies measured serum zinc at 6, 9, and 12 months.

Synthesis and assessment[viii] of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 10)

The evidence examining the association between the duration of any human milk consumption and zinc status from birth to 24 months is inconclusive. In the synthesis and assessment of the evidence that follows, several limitations are described that make it difficult to draw a conclusion.

Consistency and Precision: The consistency and precision of the evidence cannot be adequately assessed.

- With only 2 articles in the body of evidence, there are insufficient data to comment on consistency or precision. Further, Michaelsen et al[17] did not report data. Neither article reported statistical power.

Directness: The evidence has limited directness.

- Neither article reported study objectives that included the analysis of zinc status based on the duration of human milk consumption.

Generalizability: The evidence has limited generalizability.

[viii] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

- With only 2 studies, there was not a large number of participants overall. Further, participants in the study were primarily White and the study from Denmark did not report race or ethnicity.

Risk of bias: There is a limited likelihood that the design and conduct of the studies have prevented or minimized bias.

- One of the studies accounted for none of the *key confounders* on the analytic framework,[17] and the second study only accounted for 1 *key confounder.*[2]
- The studies were prone to other risks of bias (Tables 11 and 12) which varied between studies.

Table 10. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status*.

Article Study design Country	Duration of any human milk consumption exposure†	Zinc status outcome‡	Significant associations	Nonsignificant associations
Bradley 1993[2] NRCT U.S.	BF 1-8 wk then High-Fe FF vs BF ≥6 mo	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=23, 17)	.	75.0 ± 14.7 vs 72.6 ± 8.9; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=18, 20)	.	71.4 ± 13.1 vs 74.8 ± 14.5; NS
	BF 1-8 wk then Low-Fe FF vs BF ≥6 mo	Serum Zn (mean ± SD, µg/dL) @ 6 mo (N=18, 17)	.	76.9 ± 19.3 vs 72.6 ± 8.9; NS
		Serum Zn (mean ± SD, µg/dL) @ 12 mo (N=16, 20)	.	72.1 ± 16.7 vs 74.8 ± 14.5; NS
Michaelsen 1994[17] PCS Denmark	Total duration of BF (unit of time NR)	Serum Zn (µmol/dL) @ 9 mo (N=57)	.	NS, data NR

* Abbreviations: BF – breastfed/breastfeeding, Fe – iron, FF – formula fed/formula feeding, N – analytic sample size, NR – not reported, NRCT – non-randomized controlled trial, NS – nonsignificant, PCS – prospective cohort study, SD – standard deviation, Zn – zinc
† Exposures, from the articles included in the body of evidence, which address the duration of any human milk consumption among infants fed human milk
‡ Outcomes, from the articles included in the body of evidence, which address zinc status

Table 11. Risk of bias for the non-randomized controlled trial examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status[*,†]

Study	Confounding	Selection of participants	Classification of interventions	Deviations from intended interventions	Missing data	Outcome measurement	Selection of the reported result
Bradley 1993[2]	Serious	Serious	Moderate	Low	Serious	Low	Low

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias in Non-randomized Studies of Interventions (ROBINS-I) tool" (Sterne JAC, Hernán MA, Reeves BC, Savović J, Berkman ND, Viswanathan M, Henry D, Altman DG, Ansari MT, Boutron I, Carpenter JR, Chan AW, Churchill R, Deeks JJ, Hróbjartsson A, Kirkham J, Jüni P, Loke YK, Pigott TD, Ramsay CR, Regidor D, Rothstein HR, Sandhu L, Santaguida PL, Schünemann HJ, Shea B, Shrier I, Tugwell P, Turner L, Valentine JC, Waddington H, Waters E, Wells GA, Whiting PF, Higgins JPT. ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. BMJ 2016; 355; i4919; doi: 10.1136/bmj.i4919.)

Table 12. Risk of bias for the observational study examining the relationship between the duration of any human milk consumption among infants fed human milk and zinc status[*,†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing data	Outcome measurement	Selection of the reported result
Michaelsen 1994[17]	Serious	Low	Serious	Moderate	Serious	Moderate	Serious

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Iodine status

No articles were identified that examined the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and iodine status from birth to 24 months.

Vitamin B12 status

No articles were identified that examined the relationship between the duration, frequency, and volume of exclusive human milk and/or infant formula consumption and vitamin B12 status from birth to 24 months.

Vitamin D status

One article, published in 2014, examined the relationship between the duration of any human milk consumption and vitamin D status from birth to 24 months.[19]

No evidence was identified that met the inclusion criteria to examine ever, compared with never, consuming human milk, different durations of exclusive human milk consumption before the introduction of infant formula, or different intensities, proportions, or amounts of human milk consumed by mixed-fed infants.

Description of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 13)

Thorisdottir et al[19] observed a cohort of full term, singleton, Icelandic infants from birth to 12 months. They assessed the correlation between the number of months infants were fed human milk once or more per day and serum 25(OH)D at 12 months. The median duration of any human milk feeding was 8 months (interquartile range: 6, 10), and from 9 to 12 months it was estimated that about 22% of infants had regular intake of fortified products with vitamin D, 18% had regular intake of supplements with vitamin D, and 33% had regular intake of both fortified foods and supplements.

Synthesis and assessment[ix] of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 13)

Insufficient evidence is available to examine the association between the duration of any human milk consumption and vitamin D status from birth to 24 months. The body of evidence consists of a single study, which found a nonsignificant correlation between the duration of any human milk feeding and vitamin D status at 12 months. The study accounted for 1 *key confounder* on the analytic framework and was prone to other risks of bias (Table 14).

[ix] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

Table 13. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and vitamin D status[*]

Article Study design Country	Duration of any human milk consumption exposure[†]	Vitamin D status outcome[‡]	Significant associations	Nonsignificant associations
Thorsdottir 2014[19] PCS Iceland	Total BF duration (mo)	Serum 25(OH)D (correlation coefficient) @ 12 mo (N=76)	.	0.08; p=0.502

[*] Abbreviations: BF – breastfed/breastfeeding, N – analytic sample size, PCS – prospective cohort study
[†] Exposures, from the articles included in the body of evidence, which address the duration of any human milk consumption among infants fed human milk
[‡] Outcomes, from the articles included in the body of evidence, which address vitamin D status

Table 14. Risk of bias for the observational study that examines the relationship between the duration of any human milk consumption among infants fed human milk and vitamin D status[*][†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing outcome data	Outcome measurement	Selection of the reported result
Thorsdottir 2003[19]	**Serious**	**Moderate**	**Moderate**	**Low**	**Low**	**Low**	**Low**

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Fatty acid status

Nine articles, published between 1986 and 2016, examined the relationships of ever compared with never consuming human milk, different durations of any human milk consumption, and different durations of exclusive human milk consumption before the introduction of infant formula with fatty acid status from birth to 24 months.[4-6,10,13-15,21,22]

No evidence was identified that met the inclusion criteria to examine different intensities, proportions, or amounts of human milk consumed by mixed-fed infants.

Description of the evidence comparing ever with never consuming human milk (Table 15)

Seven articles presented evidence comparing the fatty acid status of infants who ever consumed human milk with that of infants who never consumed human milk.[4-6,10,13-15]

Population

One study included a sample of infants from the United States and Canada.[6] Four studies, from the same research group, included different participants who likely represented the same population of infants in Australia.[4,13-15] One study included a sample of infants from Spain.[5] The remaining study did not report the study location, which was likely either Germany or Belgium.[10]

All of the studies followed full-term infants with normal birthweights starting at or close to their birth. Gil et al[5] included participants with vaginal deliveries, only. The participants in 2 of the 4 studies from Australia were White, only,[14,15] and the remaining studies did not report the racial or ethnic composition of their samples.

Interventions/exposures and comparators

Infants who consumed human milk:

- Two studies included a group of infants fed human milk exclusively for the duration of the study[5,6]; however, Gil et al[5] specified that infants' initial 3 feedings in the hospital after delivery were a 5% dextrose solution.
- The 4 studies from Australia examined infants fed human milk, but not exclusively.
  - In the earliest study, infants were fed human milk, but not infant formula, for the first 16 weeks (complementary feeding was not reported), and ≤ 120 ml of infant formula could be supplemented per day between 16 weeks and the final outcome measure at 30 weeks.[13]
  - In the studies from 1999 and 2000, human milk feeding could be supplemented with infant formula in the amount of ≤ 200 ml per week.[14,15] The study from 1999 did not report complementary feeding, but the study from 2000 reported that about 36% of human milk-fed infants consumed complementary foods by the 16-week outcome measure.
  - Gibson et al[4] recruited a group of infants whose mothers intended to feed human milk for the entire birth to 7-month observation period. At 7 months, 59% of infants in this group were consuming ≥ 80% of milk feeds as human milk, and 100% were consuming complementary foods and beverages.
- The remaining study did not report whether infants consumed complementary foods and beverages during the birth to 3-month observation period, so the exclusivity of the human milk exposure cannot be determined.[10]

Infants who never consumed human milk:

- In all of the studies, parents who decided to formula feed were randomly assigned to a formula by research staff. Each study included a standard infant formula as well as formulas supplemented with dietary nucleotides,[4,5] linoleic acid (LA) and alpha-linolenic acid (ALA),[6,14] docosahexaenoic acid (DHA),[13] or arachidonic acid (AA) and DHA.[10,15]

Outcomes

The studies examined fatty acids from plasma and/or erythrocytes across a range of ages from 1 week to 7 months.

Synthesis and assessment[x] of the evidence comparing ever with never consuming human milk (Table 15)

The strength of the evidence examining the association between ever, compared with never, consuming human milk and fatty acid status from birth to 24 months is moderate. In the synthesis and assessment of the evidence that follows, the strengths and limitations of the evidence are discussed.

Consistency: The evidence has moderate consistency.

- The evidence is consistent in showing that ever, compared with never, consuming human milk is related to fatty acid status, but the direction and strength of associations can vary depending on the composition of the infant formula fed to participants who never consumed human milk, as well as the specific types of fatty acids examined in the blood. For example, 3 studies compared infants fed human milk with infants fed a conventional infant formula and infants fed DHA- or DHA- and AA-supplemented formula.[10,13,15] In comparison to consuming human milk, consuming a conventional infant formula was generally associated with significantly lower DHA levels, whereas consuming DHA- or DHA- and AA-supplemented formula was generally not associated with, or associated with significantly higher, DHA levels.
- It is likely that the composition of human milk similarly affects the significance and direction of the associations between ever, compared with never, consuming human milk and fatty acid status. However, the studies in this body of evidence were not designed to examine human milk composition or its effect on infant fatty acid status (see Directness, below).

Precision: The evidence has moderate precision.

- The body of evidence had 7 studies, and they had sufficient statistical power to detect significant differences for many of the analyses of interest. However, an assessment of precision is hindered by the heterogeneity of the analyses.

Directness: The evidence has limited directness.

- The studies in this body of evidence were generally designed to examine the effect of novel infant formula compositions rather than the difference between infants fed human milk vs. infant formula.

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[x] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

Generalizability: The evidence has limited generalizability.

- Participants' exposure years were from the early 1980s to 2002. Therefore, the findings may not be generalizable to infants who consume formulas currently on the market.
- Only 2 studies reported race or ethnicity, which was 100% White (this was an inclusion criterion for study eligibility).[14,15] In addition, 4 studies, from the same research group, included different participants who likely represented the same population of infants in Australia.[4,13,15]

Risk of bias: There is a limited likelihood that the design and conduct of the studies have prevented or minimized bias.

- None of the studies controlled for any of the *key confounders* on the analytic framework. These studies were all described by the study authors as randomized controlled trials (to test the effects of different infant formula compositions on infant outcomes), and successful randomization minimizes bias from confounding. However, the data of interest for this systematic review are the comparisons of the randomized formula-fed groups to non-randomized infants fed human milk; therefore, there is a risk of bias from confounding.
- The studies were prone to other risks of bias (Table 16), which varied between studies.

In addition to the graded elements of the assessment of the evidence, above, publication bias may be a concern because the body of evidence consisted of a small number of studies that all reported significant associations.

Table 15. Evidence examining the relationship between ever vs never consuming human milk and fatty acid status*

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
Gibson 2005[4] NRCT Australia	Control FF vs BF	Erythrocyte:		
		Total SFA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	42.0 ± 0.1 vs 42.4 ± 0.1, p<0.01	.
		Total MUFA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	18.2 ± 0.1 vs 17.2 ± 0.1, p<0.01	.
		Total n-6 (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	35.4 ± 0.1 vs 31.8 ± 0.2, p<0.01	.
		18:2n-6 LA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	12.8 ± 0.1 vs 10.1 ± 0.2, p<0.01	.
		20:3n-6 DGLA (mean ± SEM, % of total RBCmembrane FA) @ 7 mo (N=69, 96)	1.9 ± 0.04 vs 1.6 ± 0.03, p<0.01	.
		20:4n-6 AA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	14.5 ± 0.1 vs 15.3 ± 0.1, p<0.01	.
		22:4n-6 AdA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	4.7 ± 0.04 vs 3.7 ± 0.06, p<0.01	.
		Total n-3 (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	3.9 ± 0.07 vs 7.8 ± 0.2, p<0.01	.
		20:5n-3 EPA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	0.2 ± 0.01 vs 0.4 ± 0.02, p<0.01	.
		22:5n-3 DPA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	1.6 ± 0.03 vs 2.2 ± 0.05, p<0.01	.
		22:6n-3 DHA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=69, 96)	2.1 ± 0.05 vs 4.9 ± 0.18, p<0.01	.
	Nucleotide-supplemented FF vs BF	Erythrocyte:		
		Total SFA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	42.0 ± 0.1 vs 42.4 ± 0.1, p<0.01	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		Total MUFA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	18.2 ± 0.1 vs 17.2 ± 0.1, p<0.01	.
		Total n-6 (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	35.3 ± 0.2 vs 31.8 ± 0.2, p<0.01	.
		18:2n-6 LA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	12.8 ± 0.1 vs 10.1 ± 0.2, p<0.01	.
		20:3n-6 DGLA (mean ± SEM, % of total RBCmembrane FA) @ 7 mo (N=67, 96)	1.9 ± 0.1 vs 1.6 ± 0.03, p<0.01	.
		20:4n-6 AA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	14.4 ± 0.1 vs 15.3 ± 0.1, p<0.01	.
		22:4n-6 AdA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	4.7 ± 0.05 vs 3.7 ± 0.06, p<0.01	.
		Total n-3 (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	4.0 ± 0.07 vs 7.8 ± 0.2, p<0.01	.
		20:5n-3 EPA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	0.2 ± 0.01 vs 0.4 ± 0.02, p<0.01	.
		22:5n-3 DPA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	1.6 ± 0.03 vs 2.2 ± 0.05, p<0.01	.
		22:6n-3 DHA (mean ± SEM, % of total RBC membrane FA) @ 7 mo (N=67, 96)	2.1 ± 0.04 vs 4.9 ± 0.18, p<0.01	.
Gil 1986[5] NRCT Spain	EBF vs Conventional FF	Plasma:		
		12:0 Lauric (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	.	0.70 ± 0.15 vs. 0.37 ± 0.18; NS
		@ 4 wk (N=26, 35)	.	1.43 ± 1.03 vs 0.57 ± 0.27; NS
		14:0 Myristic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	.	1.65 ± 0.17 vs 1 .37 ± 0.23; NS
		@ 4 wk (N=26, 35)	.	1.45 ± 0.31 vs 1.14 ± 0.23; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		16:0 Palmitic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	.	30.31 ± 1.18 vs 28.69 ± 1.25; NS
		@ 4 wk (N=26, 35)	.	28.67 ± 1.42 vs 26.95 ± 0.92; NS
		16:1 (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	2.15 ±0.29 vs 3.47 ± 0.61; p<0.05	.
		@ 4 wk (N=26, 35)	.	1.06 ± 0.54 vs 0.51 ± 0.30; NS
		18:0 Stearic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	13.13 ± 0.64 vs 9.82 ± 0.61; p<0.05	.
		@ 4 wk (N=26, 35)	17.03 ± 1.42 vs 12.74 ± 0.74; p<0.05	.
		18:1 (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	.	21.96 ± 1.06 vs 23.82 ± 1.45; NS
		@ 4 wk (N=26, 35)	.	17.34 ± 1.54 vs 19.27 ± 1.27; NS
		20:0 Arachidic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 35)	0.10 ± 0.03 vs 0.38 ± 0.08; p<0.05	.
		@ 4 wk (N=26, 35)	.	0.42 ± 0.33 vs 0.07 ± 0.04; NS
		16:1/16:0 Palmitic (mean ± SE)		
		@ 1 wk (N=26, 35)	0.07 ± 0.01 vs 0.11 ± 0.02; p<0.05	.
		@ 4 wk (N=26, 35)	.	0.04 ± 0.02 vs 0.03 ± 0.01; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		18:1/18:0 Stearic (mean ± SE)		
		@ 1 wk (N=26, 35)	1.75 ± 0.15 vs 2.56 ± 0.32; p<0.05	.
		@ 4 wk (N=26, 35)	1.23 ± 0.12 vs 1.55 ± 0.11; p<0.05	.
		18:1/18:2 (mean ± SE)		
		@ 1 wk (N=26, 35)	1.72 ± 0.14 vs 1.38 ± 0.17; p<0.05	.
		@ 4 wk (N=26, 35)	1.12 ± 0.12 vs 0.74 ± 0.05; p<0.05	.
		20:4/18:2 (mean ± SE)		
		@ 1 wk (N=26, 35)	0.91 ± 0.13 vs 0.60 ± 0.12; p<0.05	.
		@ 4 wk (N=26, 35)	0.41 ± 0.04 vs 0.22 ± 0.03; p<0.05	.
		18:3+20:3/20:4 (mean ± SE)		
		@ 1 wk (N=26, 35)	.	0.10 ± 0.02 vs 0.08 ± 0.03; NS
		@ 4 wk (N=26, 35)	0.09 ± 0.04 vs 0.80 ± 0.22; p<0.05	.
	EBF vs Nucleotide-supplemented FF	Plasma:		
		12:0 Lauric (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	0.70 ± 0.15 vs. 0.73 ± 0.42; NS
		@ 4 wk (N=26, 23)	.	1.43 ± 1.03 vs 0.09 ± 0.07; NS
		14:0 Myristic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	1.65 ± 0.17 vs 1.50 ± 0.18; NS
		@ 4 wk (N=26, 23)	.	1.45 ± 0.31 vs 1.11 ± 0.24; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		16:0 Palmitic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	30.31 ± 1.18 vs 30.94 ± 3.85; NS
		@ 4 wk (N=26, 23)	.	28.67 ± 1.42 vs 28.37 ± 1.72; NS
		16:1 (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	2.15 ±0.29 vs 2.14 ± 0.67; NS
		@ 4 wk (N=26, 23)	.	1.06 ± 0.54 vs 0.93 ± 0.29; NS
		18:0 Stearic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	13.13 ± 0.64 vs 13.86 ± 1.67; NS
		@ 4 wk (N=26, 23)	.	17.03 ± 1.42 vs 15.15 ± 1.16; NS
		18:1 (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	21.96 ± 1.06 vs 20.85 ± 1.17; NS
		@ 4 wk (N=26, 23)	.	17.34 ± 1.54 vs 17.61 ± 1.30; NS
		20:0 Arachidic (mean ± SE, g/100 ml of total FA)		
		@ 1 wk (N=26, 23)	.	0.10 ± 0.03 vs 0.17 ± 0.07; NS
		@ 4 wk (N=26, 23)	.	0.42 ± 0.33 vs 0.11 ± 0.03; NS
		16:1/16:0 Palmitic (mean ± SE)		
		@ 1 wk (N=26, 35)	.	0.07 ± 0.01 vs 0.07 ± 0.02; NS
		@ 4 wk (N=26, 35)	.	0.04 ± 0.02 vs 0.03 ± 0.01; NS
		18:1/18:0 Stearic (mean ± SE)		
		@ 1 wk (N=26, 35)	.	1.75 ± 0.15 vs 1.60 ± 0.26; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		@ 4 wk (N=26, 35)	.	1.23 ± 0.12 vs 1.33 ± 0.13; NS
		18:1/18:2 (mean ± SE)		
		@ 1 wk (N=26, 35)	1.72 ± 0.14 vs 1.27 ± 0.17; p<0.05	.
		@ 4 wk (N=26, 35)	.	1.12 ± 0.12 vs 0.95 ± 0.16; NS
		20:4/18:2 (mean ± SE)		
		@ 1 wk (N=26, 35)	0.91 ± 0.13 vs 0.42 ± 0.16; p<0.05	.
		@ 4 wk (N=26, 35)	.	0.41 ± 0.04 vs 0.41 ± 0.05; NS
		18:3+20:3/20:4 (mean ± SE)		
		@ 1 wk (N=26, 35)	.	0.10 ± 0.02 vs 0.03 ± 0.03; NS
		@ 4 wk (N=26, 35)	0.09 ± 0.04 vs 0.17 ± 0.06; p<0.05	.
Innis 1997[6] NRCT U.S. & Canada	EBF vs Standard FF	Plasma phospholipid:		
		16:0 palmitic (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	23.9 ± 0.3 vs 26.6 ± 0.3; p<0.05	.
		18:0 stearic (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	17.8 ± 0.3 vs 16.8 ± 0.3; p<0.05	.
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	12.2 ± 0.4 vs 13.9 ± 0.4; p<0.05	.
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	.	0.2 ± 0.0 vs 0.2 ± 0.0; NS
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	0.3 ± 0.0 vs 0.1 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	0.9 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	3.8 ± 0.1 vs 1.4 ± 0.1; p<0.05	.

Article Study design Country	Ever vs never consuming human milk exposure[†]	Fatty acid status outcome[‡]	Significant associations	Nonsignificant associations
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	22.8 ± 0.6 vs 28.7 ± 0.5; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	.	0.4 ± 0.0 vs 0.3 ± 0.0; NS
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	2.8 ± 0.1 vs 2.2 ± 0.1; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	12.2 ± 0.3 vs 6.6 ± 0.2; p<0.05	.
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	0.5 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=54, 58)	0.5 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		Erythrocyte phosphatidylcholine:		
		16:0 Palmitic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	31.8 ± 0.4 vs 33.6 ± 0.4; p<0.05	.
		18:0 Stearic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	14.2 ± 0.2 vs 13.0 ± 0.2; p<0.05	.
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	20.1 ± 0.4 vs 20.0 ± 0.4; NS
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	0.2 ± 0.0 vs 0.3 ± 0.0; NS
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.2 ± 0.0 vs 0.1 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.4 ± 0.0 vs 0.2 ± 0.0; p<0.05	.
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	1.6 ± 0.1 vs 0.6 ± 0.1; p<0.05	.
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	18.5 ± 09.4[§] vs 23.0 ± 0.4; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	0.5 ± 0.0 vs 0.5 ± 0.0; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	2.0 ± 0.1 vs 1.6 ± 0.1; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	7.7 ± 0.3 vs 4.5 ± 0.3; NS
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	0.5 ± 0.1 vs 0.4 ± 0.1; NS
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	0.2 ± 0.0 vs 0.2 ± 0.0; NS
		Erythrocyte phosphatidylethanolamine:		
		16:0 Palmitic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	14.3 ± 0.3 vs 14.9 ± 0.3; NS
		18:0 Stearic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	8.1 ± 0.3 vs 8.1 ± 0.2; NS
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	20.3 ± 0.5 vs 22.0 ± 0.4; p<0.05	.
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	0.3 ± 0.0 vs 0.4 ± 0.0; NS
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.5 ± 0.0 vs 0.3 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	2.9 ± 0.1 vs 2.0 ± 0.1; p<0.05	.
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	6.9 ± 0.2 vs 4.0 ± 0.2; p<0.05	.
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	6.7 ± 0.3 vs 9.0 ± 0.3; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.4 ± 0.0 vs 0.5 ± 0.0; p<0.05	.
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	1.5 ± 0.0 vs 2.0 ± 0.0; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	25.9 ± 0.6 vs 23.9 ± 0.2; p<0.05	.
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	8.2 ± 0.2 vs 8.7 ± 0.2; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	1.5 ± 0.1 vs 1.5 ± 0.1; NS
	EBF vs LA and ALA supplemented FF	Plasma phospholipid:		
		16:0 Palmitic (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	.	23.9 ± 0.3 vs 23.5 ± 0.3; NS
		18:0 Stearic (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	17.8 ± 0.3 vs 19.9 ± 0.3; p<0.05	.
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	12.2 ± 0.4 vs 7.8 ± 0.4; p<0.05	.
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.2 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.3 ± 0.0 vs 0.2 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.9 ± 0.0 vs 0.6 ± 0.09; p<0.05	.
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	3.8 ± 0.1 vs 1.7 ± 0.1; p<0.05	.
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	22.8 ± 0.6 vs 34.3 ± 0.5; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.4 ± 0.0 vs 0.6 ± 0.0; p<0.05	.
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	2.8 ± 0.1 vs 1.8 ± 0.1; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	12.2 ± 0.3 vs 6.8 ± 0.3; p<0.05	.
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.5 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=54, 57)	0.5 ± 0.0 vs 0.2 ± 0.0; p<0.05	.
		Erythrocyte phosphatidylcholine:		
		16:0 Palmitic (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	.	31.8 ± 0.4 vs 30.9 ± 0.4; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		18:0 Stearic (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	14.2 ± 0.2 vs 16.1 ± 0.2; p<0.05	.
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	20.1 ± 0.4 vs 15.2 ± 0.4; p<0.05	.
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	0.2 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	0.2 ± 0.0 vs 0.1 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	0.4 ± 0.0 vs 0.3 ± 0.0; p<0.05	.
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	1.6 ± 0.1 vs 0.7 ± 0.1; p<0.05	.
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	18.5 ± 09.4§ vs 27.3 ± 0.4; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	0.5 ± 0.0 vs 0.8 ± 0.0; p<0.05	.
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	2.0 ± 0.1 vs 1.2 ± 0.1; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	7.7 ± 0.3 vs 4.4 ± 0.3; p<0.05	.
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	.	0.5 ± 0.1 vs 0.4 ± 0.1; NS
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=55, 57)	0.2 ± 0.0 vs 0.1 ± 0.0; p<0.05	.
		Erythrocyte phosphatidylethanolamine:		
		16:0 Palmitic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	14.3 ± 0.3 vs 15.4 ± 0.3; p<0.05	.
		18:0 Stearic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	8.1 ± 0.3 vs 9.9 ± 0.2; p<0.05	.
		18:1 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	20.3 ± 0.5 vs 18.6 ± 0.4; p<0.05	.
		18:3n-3 ALA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.3 ± 0.0 vs 0.6 ± 0.0; p<0.05	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		20:5n-3 EPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.5 ± 0.0 vs 0.4 ± 0.0; p<0.05	.
		22:5n-3 DPA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	2.9 ± 0.1 vs 2.9 ± 0.1; NS
		22:6n-3 DHA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	6.9 ± 0.2 vs 4.0 ± 0.2; p<0.05	.
		18:2n-6 LA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	6.7 ± 0.3 vs 12.0 ± 0.3; p<0.05	.
		20:2n-6 Eicosadienoic (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	0.4 ± 0.0 vs 0.9 ± 0.0; p<0.05	.
		20:3n-6 DGLA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	1.5 ± 0.0 vs 1.8 ± 0.0; p<0.05	.
		20:4n-6 AA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	25.9 ± 0.6 vs 22.2 ± 0.5; p<0.05	.
		22:4n-6 AdA (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	.	8.2 ± 0.2 vs 7.8 ± 0.2; NS
		22:5n-6 (mean ± SEM, wt% total FA) @ 90 d (N=55, 58)	1.5 ± 0.1 vs 1.1 ± 0.1; p<0.05	.
Kohn 1994[10] NRCT NR (Germany or Belgium)	BF vs Conventional FF	Plasma phospholipid:		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	~14 vs ~8; p<0.05	.
		@ 30 d (N=NR, NR)	~12 vs ~7; p<0.05	.
		@ 90 d (N=NR, NR)	.	~8 vs ~7; NS
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~4 vs ~3; NS
		@ 30 d (N=NR, NR)	~4 vs ~2; p<0.05	.
		@ 90 d (N=NR, NR)	~3 vs ~1; p<0.05	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		Erythrocyte phosphatidylcholine		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	~14 vs ~10; p<0.05	.
		@ 30 d (N=NR, NR)	~9 vs ~5; p<0.05	.
		@ 90 d (N=NR, NR)	.	~7 vs ~4; NS
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~3 vs ~2; NS
		@ 30 d (N=NR, NR)	~3 vs ~2; p<0.05	.
		@ 90 d (N=NR, NR)	~3 vs ~1; p<0.05	.
		Erythrocyte phosphatidylethanolamine:		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~26 vs ~26; NS
		@ 30 d (N=NR, NR)	.	~26 vs ~24; NS
		@ 90 d (N=NR, NR)	.	~26 vs ~26; NS
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~12 vs ~12; NS
		@ 30 d (N=NR, NR)	.	~12 vs ~11; NS
		@ 90 d (N=NR, NR)	~12 vs ~6; p<0.05	.
	BF vs AA- and DHA-supplemented FF	Plasma phospholipid:		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	~14 vs ~12; p<0.05	.
		@ 30 d (N=NR, NR)	.	~12 vs ~11; NS
		@ 90 d (N=NR, NR)	.	~8 vs ~10; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~4 vs ~4; NS
		@ 30 d (N=NR, NR)	.	~4 vs ~3; NS
		@ 90 d (N=NR, NR)	.	~3 vs ~3; NS
		Erythrocyte phosphatidylcholine:		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	~14 vs ~11; p<0.05	.
		@ 30 d (N=NR, NR)	.	~9 vs ~7; NS
		@ 90 d (N=NR, NR)	.	~7 vs ~7; NS
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~3 vs ~3; NS
		@ 30 d (N=NR, NR)	.	~3 vs ~2; NS
		@ 90 d (N=NR, NR)	.	~3 vs ~2; NS
		Erythrocyte phosphatidylethanolamine:		
		20:4n-6 AA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~26 vs ~26; NS
		@ 30 d (N=NR, NR)	.	~26 vs ~25; NS
		@ 90 d (N=NR, NR)	.	~27 vs ~27; NS
		22:6n-3 DHA (median wt% of total FA)		
		@ 7 d (N=NR, NR)	.	~12 vs ~11; NS
		@ 30 d (N=NR, NR)	.	~12 vs ~12; NS
		@ 90 d (N=NR, NR)	.	~12 vs ~11; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
Makrides 1995[13] NRCT Australia	BF vs Placebo FF	Erythrocyte:		
		18:2n-6 LA (mean ± SD, % total FA):		
		@ 6 wk (N=21, 18)	8.5 ± 0·8 vs 11.9 ± 1.0; p<0.05	.
		@ 16 wk (N=21, 18)	8.7 ± 0·9 vs 11.7 ± 1.0; p<0.05	.
		@ 30 wk (N=21, 18)	9.3 ± 1·4 vs 13.1 ± 1.3; p<0.05	.
		20:4n-6 AA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 18)	14.1 ± 1.4 vs 11.8 ± 1.2; p<0.05	.
		@ 16 wk (N=21, 18)	15.1 ± 1.4 vs 12.9 ± 1.3; p<0.05	.
		@ 30 wk (N=21, 18)	14.6 ± 2.5 vs 13.7 ± 1.1; p<0.05	.
		20:5n-3 EPA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 18)	.	0.2 ± 0.1 vs 0.1 ± 0.1; NS
		@ 16 wk (N=21, 18)	0.3 ± 0.1 vs 0.2 ± 0.1; p<0.05	.
		@ 30 wk (N=21, 18)	0.3 ± 0.2 vs 0.2 ± 0.1; p<0.05	.
		22:6n-3 DHA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 18)	5.5 ± 0.8 vs 4.2 ± 0.7; p<0.05	.
		@ 16 wk (N=21, 18)	5.5 ± 1.0 vs 2.5 ± 0.3; p<0.05	.
		@ 30 wk (N=21, 18)	4.7 ± 1.4 vs 2.0 ± 0.4; p<0.05	.
	BF vs DHA-supplemented FF	Erythrocyte:		
		18:2n-6 LA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 12)	8.5 ± 0.8 vs 10.7 ± 1.1; p<0.05	.
		@ 16 wk (N=21, 12)	8.7 ± 0.9 vs 10.5 ± 0.6; p<0.05	.
		@ 30 wk (N=21, 12)	9.3 ± 1.4 vs 11.3 ± 0.6; p<0.05	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		20:4n-6 AA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 12)	14.1 ± 1.4 vs 10.9 ± 1.8; p<0.05	.
		@ 16 wk (N=21, 12)	15.1 ± 1.4 vs 10.2 ± 1.0; p<0.05	.
		@ 30 wk (N=21, 12)	14.6 ± 2.5 vs 10.5 ± 1.0; p<0.05	.
		20:5n-3 EPA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 12)	0.2 ± 0.1 vs 1.2 ± 0.2; p<0.05	.
		@ 16 wk (N=21, 12)	0.3 ± 0.1 vs 1.9 ± 0.2; p<0.05	.
		@ 30 wk (N=21, 12)	0.3 ± 0.2 vs 2.1 ± 0.2; p<0.05	.
		22:6n-3 DHA (mean ± SD, % total FA)		
		@ 6 wk (N=21, 12)	.	5.5 ± 0.8 vs 5.4 ± 1.1; NS
		@ 16 wk (N=21, 12)	5.5 ± 1.0 vs 6.3 ± 0.7; p<0.05	.
		@ 30 wk (N=21, 12)	4.7 ± 1.4 vs 6.3 ± 0.7; p<0.05	.
Makrides 1999[15] NRCT Australia	BF vs Placebo FF	Plasma phospholipid:		
		Total SFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	43.8 ± 0.9 vs 45.0 ± 0.6; p<0.001	.
		Total MUFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	.	12.0 ± 1.2 vs 11.9 ± 0.7; NS
		18:1n-9 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	8.5 ± 1.1 vs 9.1 ± 0.6; p>0.001	.
		Total n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	36.4 ± 1.5 vs 39.6 ± 0.9; p<0.001	.
		18:2n-6 LA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	20.4 ± 2.5 vs 27.7 ± 1.9; p<0.01	.
		20:3n-6 DGLA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	.	2.9 ± 0.4 vs 2.8 ± 0.5; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		20:4n-6 AA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	11.9 ± 1.6 vs 7.7 ± 1.2; p<0.001	.
		22:4n-6 AdA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	0.49 ± 0.09 vs 0.50 ± 0.07; p<0.001	.
		22:5n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	0.38 ± 0.10 vs 0.56 ± 0.14; p<0.001	.
		Total n-3 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	6.3 ± 1.0 vs 3.1 ± 0.6; p<0.001	.
		20:5n-3 EPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	0.41 ± 0.27 vs 0.22 ± 0.06; p<0.001	.
		22:5n-3 DPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	1.20 ± 0.19 vs 0.71 ± 0.18; p<0.001	.
		22:6n-3 DHA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 20)	4.7 ± 0.8 vs 2.0 ± 0.5; p<0.001	.
	BF vs DHA-supplemented FF	Plasma phospholipid:		
		Total SFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	43.8 ± 0.9 vs 45.3 ± 0.7; p<0.001	.
		Total MUFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	.	12.0 ± 1.2 vs 11.8 ± 0.5; NS
		18:1n-9 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	8.5 ± 1.1 vs 9.1 ± 0.9; p<0.001	.
		Total n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	36.4 ± 1.5 vs 35.2 ± 1.2; p<0.001	.
		18:2n-6 LA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	20.4 ± 2.5 vs 26.3 ± 1.7; p<0.001	.
		20:3n-6 DGLA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	2.9 ± 0.4 vs 2.3 ± 0.4; p<0.001	.
		20:4n-6 AA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	11.9 ± 1.6 vs 5.9 ± 1.2; p<0.001	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:4n-6 AdA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	0.49 ± 0.09 vs 0.25 ± 0.04; p<0.001	.
		22:5n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	0.38 ± 0.10 vs 0.25 ± 0.04; p<0.001	.
		Total n-3 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	6.3 ± 1.0 vs 7.1 ± 0.7; p<0.001	.
		20:5n-3 EPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	.	0.41 ± 0.27 vs 0.51 ± 0.11; NS
		22:5n-3 DPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	1.20 ± 0.19 vs 0.58 ± 0.09; p<0.001	.
		22:6n-3 DHA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	4.7 ± 0.8 vs 6.0 ± 0.6; p<0.001	.
	BF vs DHA- and AA-supplemented FF	Plasma phospholipid:		
		Total SFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	43.8 ± 0.9 vs 45.2 ± 0.5; p<0.001	.
		Total MUFA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	12.0 ± 1.2 vs 10.4 ± 0.5; p<0.001	.
		18:1n-9 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	8.5 ± 1.1 vs 7.9 ± 0.6; p<0.001	.
		Total n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	36.4 ± 1.5 vs 37.5 ± 1.2; p<0.001	.
		18:2n-6 LA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	20.4 ± 2.5 vs 24.1 ± 1.3; p<0.001	.
		20:3n-6 DGLA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	2.9 ± 0.4 vs 2.0 ± 0.4; p<0.001	.
		20:4n-6 AA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	11.9 ± 1.6 vs 10.3 ± 0.7; p<0.001	.
		22:4n-6 AdA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	0.49 ± 0.09 vs 0.39 ± 0.07; p<0.001	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:5n-6 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	0.38 ± 0.10 vs 0.44 ± 0.10; p<0.001	.
		Total n-3 (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	.	6.3 ± 1.0 vs 6.3 ± 0.7; NS
		20:5n-3 EPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	0.41 ± 0.27 vs 0.18 ± 0.04; p<0.001	.
		22:5n-3 DPA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	1.20 ± 0.19 vs 0.37 ± 0.07; p<0.001	.
		22:6n-3 DHA (mean ± SD, % total phospholipid FA) @ 16 wk (N=32, 23)	4.7 ± 0.8 vs 5.7 ± 0.7; p<0.001	.
Makrides 2000[14] NRCT Australia	BF vs 10:1 LA:ALA FF	Plasma phospholipid:		
		Total SFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	44.1 ± 0.8 vs 43.2 ± 0.8; p<0.005	.
		Total MUFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	12.5 ± 1.2 vs 13.6 ± 0.5; p<0.005	.
		Total n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	35.3 ± 1.6 vs 38.0 ± 1.0; p<0.005	.
		18:2n-6 LA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	19.4 ± 2.0 vs 27.5 ± 1.7; p<0.005	.
		20:3n-6 DGLA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	3.0 ± 0.5 vs 2.5 ± 0.4; p<0.005	.
		20:4n-6 AA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	11.6 ± 1.2 vs 6.9 ± 0.9; p<0.005	.
		22:4n-6 AdA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	0.49 ± 0.07 vs 0.42 ± 0.07; p<0.005	.
		22:5n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	.	0.38 ± 0.09 vs 0.35 ± 0.08; NS
		Total n-3 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	6.1 ± 0.9 vs 3.1 ± 0.5; p<0.005	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		18:3n-3 ALA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	0.13 ± 0.05 vs 0.20 ± 0.03; p<0.005	.
		20:5n-3 EPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	0.41 ± 0.14 vs 0.25 ± 0.11; p<0.005	.
		22:5n-3 DPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	1.2 ± 0.2 vs 0.8 ± 0.2; p<0.005	.
		22:6n-3 DHA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	4.4 ± 0.7 vs 1.9 ± 0.3; p<0.005	.
		Erythrocyte phospholipid:		
		Total SFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	43.0 ± 0.8 vs 42.4 ± 0.7; p<0.005	.
		Total MUFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	16.6 ± 1.1 vs 17.5 ± 0.8; p<0.005	.
		Total n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	30.3 ± 1.2 vs 32.8 ± 0.6; p<0.005	.
		18:2n-6 LA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	7.8 ± 0.8 vs 11.1 ± 0.8; p<0.005	.
		20:3n-6 DGLA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	.	1.7 ± 0.3 vs 1.8 ± 0.4; NS
		20:4n-6 AA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	16.1 ± 0.8 vs 14.8 ± 0.7; p<0.005	.
		22:4n-6 AdA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	3.6 ± 0.4 vs 3.9 ± 0.4; p<0.005	.
		22:5n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	.	0.9 ± 0.1 vs 0.9 ± 0.1; NS
		Total n-3 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	8.1 ± 0.9 vs 5.2 ± 0.4; p<0.005	.
		18:3n-3 ALA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	.	0.14 ± 0.08 vs 0.15 ± 0.09; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		20:5n-3 EPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	0.38 ± 0.11 vs 0.25 ± 0.03; p<0.005	.
		22:5n-3 DPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	2.2 ± 0.3 vs 1.8 ± 0.1; p<0.005	.
		22:6n-3 DHA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 29)	5.6 ± 0.7 vs 3.0 ± 0.3; p<0.005	.
	BF vs 5:1 LA:ALA FF	Plasma phospholipid:		
		Total SFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	.	44.1 ± 0.8 vs 43.8 ± 0.8; NS
		Total MUFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	12.5 ± 1.2 vs 14.1 ± 0.6; p<0.005	.
		Total n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	35.3 ± 1.6 vs 36.7 ± 0.8; p<0.005	.
		18:2n-6 LA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	19.4 ± 2.0 vs 26.7 ± 1.5; p<0.005	.
		20:3n-6 DGLA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	3.0 ± 0.5 vs 2.3 ± 0.5; p<0.005	.
		20:4n-6 AA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	11.6 ± 1.2 vs 6.8 ± 0.8; p<0.005	.
		22:4n-6 AdA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.49 ± 0.07 vs 0.37 ± 0.09; p<0.005	.
		22:5n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.38 ± 0.09 vs 0.26 ± 0.05; p<0.005	.
		Total n-3 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	6.1 ± 0.9 vs 4.1 ± 0.5; p<0.005	.
		18:3n-3 ALA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.13 ± 0.05 vs 0.35 ± 0.05; p<0.005	.
		20:5n-3 EPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	.	0.41 ± 0.14 vs 0.41 ± 0.10; NS

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:5n-3 DPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	1.2 ± 0.2 vs 0.9 ± 0.2; p<0.005	.
		22:6n-3 DHA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	4.4 ± 0.7 vs 2.4 ± 0.3; p<0.005	.
		Erythrocyte phospholipid:		
		Total SFA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	43.0 ± 0.8 vs 42.4 ± 0.8; p<0.005	.
		Total MUFA(mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	16.6 ± 1.1 vs 18.5 ± 0.8; p<0.005	.
		Total n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	30.3 ± 1.2 vs 31.3 ± 0.9; p<0.005	.
		18:2n-6 LA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	7.8 ± 0.8 vs 10.9 ± 0.6; p<0.005	.
		20:3n-6 DGLA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	.	1.7 ± 0.3 vs 1.9 ± 0.4; NS
		20:4n-6 AA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	16.1 ± 0.8 vs 14.1 ± 0.7; p<0.005	.
		22:4n-6 AdA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	.	3.6 ± 0.4 vs 3.4 ± 0.3; NS
		22:5n-6 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.9 ± 0.1 vs 0.7 ± 0.1; p<0.005	.
		Total n-3 (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	8.1 ± 0.9 vs 6.5 ± 0.4; p<0.005	.
		18:3n-3 ALA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.14 ± 0.08 vs 0.21 ± 0.03; p<0.005	.
		20:5n-3 EPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	0.38 ± 0.11 vs 0.44 ± 0.07; p<0.005	.
		22:5n-3 DPA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	2.2 ± 0.3 vs 2.4 ± 0.2; p<0.005	.

Article Study design Country	Ever vs never consuming human milk exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
		22:6n-3 DHA (mean ± SD % of total phospholipid FA) @ 16 wk (N=61, 28)	5.6 ± 0.7 vs 3.5 ± 0.3; p<0.005	.

* Abbreviations: AA – arachidonic acid, AdA – Adrenic acid, ALA – alpha linoleic acid, BF – breastfed/breastfeeding, DGLA – di-homo-g-linoleic acid, DHA – docosahexanoic acid, DPA – docosapentaenoic acid, EBF – exclusively breastfed/exclusive breastfeeding, EPA – eicosapentaenoic acid, FA – fatty acids, Fe – iron, FF – formula fed/formula feeding, LA – linoleic acid, MUFA – monounsaturated fatty acids/total monosaturates, N – analytic sample size, n-3 – omega-3, n-6 – omega 6, NR – not reported, NRCT – non-randomized controlled trial, NS – nonsignificant, RBC – red blood cell, SD – standard deviation, SE – standard error, SEM – standard error of the mean, SFA- saturated fatty acid/total saturates

† Exposures, from the articles included in the body of evidence, which address ever vs never consuming human milk or vice versa

‡ Outcomes, from the articles included in the body of evidence, which address fatty acid status

§ This SEM, as reported in the article, must be a typo

Table 16. Risk of bias for non-randomized controlled trials examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status[*,†]

Study	Confounding	Selection of participants	Classification of interventions	Deviations from intended interventions	Missing data	Outcome measurement	Selection of the reported result
Gibson 2005[4]	Serious	Low	Low	Serious	Low	Low	Low
Gil 1986[5]	Serious	Low	Low	Low	No information	Low	Low
Innis 1997[6]	Serious	Low	Low	Low	Moderate	Moderate	Low
Kohn 1994[10]	Serious	Low	Low	No information	No information	Low	Low
Makrides 1995[13]	Serious	Low	Low	Moderate	Moderate	Low	Low
Makrides 1999[15]	Serious	Low	Low	Moderate	Moderate	Low	Serious
Makrides 2000[14]	Serious	Low	Low	Moderate	Moderate	Low	Serious

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias in Non-randomized Studies of Interventions (ROBINS-I) tool" (Sterne JAC, Hernán MA, Reeves BC, Savović J, Berkman ND, Viswanathan M, Henry D, Altman DG, Ansari MT, Boutron I, Carpenter JR, Chan AW, Churchill R, Deeks JJ, Hróbjartsson A, Kirkham J, Jüni P, Loke YK, Pigott TD, Ramsay CR, Regidor D, Rothstein HR, Sandhu L, Santaguida PL, Schünemann HJ, Shea B, Shrier I, Tugwell P, Turner L, Valentine JC, Waddington H, Waters E, Wells GA, Whiting PF, Higgins JPT. ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. BMJ 2016; 355; i4919; doi: 10.1136/bmj.i4919.)

Description of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 17)

One article, published in 2008, presented evidence on the relationship between the duration of any human milk consumption and fatty acid status from birth to 24 months.[22]

Winkler et al[22] studied a cohort of German infants from the BABYDIET study. The BABYDIET study was designed to examine whether delayed introduction of dietary gluten affects the incidence of islet autoimmunity in infants at high risk for type 1 diabetes (i.e., infants with an at-risk HLA genotype and 1st-degree family member with type 1 diabetes). Infants were observed from birth to 12 months. The study assessed the association between the number of weeks of any human milk feeding and erythrocyte phosphatidylcholine and phosphatidylethanolamine fatty acids at 12 months:

- Total saturated fatty acids,
- Specific saturated fatty acids (14:0, 16:0, 18:0, 20:0, 22:0, 24:0)
- Total monounsaturated fatty acids
- Specific monounsaturated fatty acids (16:1n-7, 18:1n-9, 18:1n-7, 20:1n-9, 22:1n-9, 24:1n-9)
- Total n-3 polyunsaturated fatty acids
- Specific n-3 polyunsaturated fatty acids (18:3n-3, 20:3n-3, 20:5n-3, 22:5n-3, 22:6n-3)
- Total n-6 polyunsaturated fatty acids
- Specific n-6 polyunsaturated fatty acids (18:2n-6, 18:3n-6, 20:2n-6, 20:3n-6, 20:4n-6, 22:2n-6, 22:4n-6, 22:5n-6)
- The specific n-9 polyunsaturated fatty acid 20:3n-9

The study authors reported that none of the infants were fed long-chain polyunsaturated fatty acid-supplemented infant formula.

Synthesis and assessment[xi] of the evidence comparing different durations of any human milk consumption among infants fed human milk (Table 17)

Insufficient evidence is available to examine the association between the duration of any human milk consumption and fatty acid status from birth to 24 months. The body of evidence consists of a single indirect study that reported scant information from 3 of several analyses conducted.

[xi] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

Table 17. Evidence examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status[*]

Article Study design Country	Duration of any human milk consumption exposure[†]	Fatty acid status outcome[‡]	Significant associations	Nonsignificant associations
Winkler 2008[22] PCS Germany	BF duration (wk)	Erythrocyte phosphatidylethanolamine:	Data NR[§]; p=0.005	.
		20:1n-9 (mean ± SEM, wt% of all RBC membrane FAs determined), @12 mo (N=49)		
		Total n-3 PUFA (mean ± SEM, wt% of all RBC membrane FAs determined), @12 mo (N=49)	Data NR; p=0.005	.
		22:6n-3 DHA (mean ± SEM, wt% of all RBC membrane FAs determined), @12 mo (N=49)	Data NR; p<0.001	.

[*] Abbreviations: BF – breastfed/breastfeeding, DHA – docosahexanoic acid, FA – fatty acids, N – analytic sample size, n-3 – omega-3, NR – not reported, PCS – prospective cohort study, PUFA – polyunsaturated fatty acids, RBC – red blood cell, SEM – standard error of the mean
[†] Exposures, from the articles included in the body of evidence, which address the duration of any human milk consumption among infants fed human milk
[‡] Outcomes, from the articles included in the body of evidence, which address fatty acid status
[§] The direction of the significant association was not clearly reported.

Table 18. Risk of bias for the observational study examining the relationship between the duration of any human milk consumption among infants fed human milk and fatty acid status[*,†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing outcome data	Outcome measurement	Selection of the reported result
Winkler 2008[22]	Serious	Low	Moderate	Low	Serious	Low	Serious

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Description of the evidence comparing different durations of exclusive human milk consumption before the introduction of infant formula (Table 19)

One article, published in 2016, presented evidence comparing the fatty acid status of infants who consumed human milk exclusively for different durations before the introduction of infant formula.[21]

Visentin et al[21] studied a cohort of full-term infants in Argentina fed human milk exclusively at birth. Infants fed human milk exclusively for 2 months or less were compared with infants fed human milk exclusively for 6 months or more. Infants fed human milk for 2 months or less were randomly assigned by research staff to a group fed a standard infant formula or a group fed DHA- and AA-supplemented infant formula. Erythrocyte membrane fatty acids were measured at 6 months.

Synthesis and assessment[xii] of the evidence comparing different durations of exclusive human milk consumption before the introduction of infant formula (Table 19)

Insufficient evidence is available to examine the association between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status from birth to 24 months. The body of evidence consists of a single study, which found that the associations between longer, compared with shorter, duration of exclusive human milk feeding and erythrocyte fatty acids depended on the composition of the infant formulas consumed by the infants no longer being fed human milk. For example, infants fed human milk exclusively for 6 months had significantly higher erythrocyte DHA than infants fed a standard infant formula after receiving human milk exclusively for up to 2 months, whereas there was no significant difference in erythrocyte DHA between infants fed human milk exclusively for 6 months and infants fed a DHA- and AA-supplemented infant formula after receiving human milk exclusively for up to 2 months. The study did not control for any of the *key confounders* on the analytic framework.

[xii] A detailed description of the methodology used for grading the strength of the evidence is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

Table 19. Evidence examining the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status.*

Article Study design Country	Duration of exclusive human milk consumption before the introduction of infant formula exposure.†	Fatty acid status outcome.‡	Significant associations	Nonsignificant associations
Visentin 2016[21] NRCT Argentina	EBF ≤2 mo prior to the introduction of standard infant formula vs EBF ≥6 mo	SFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	42.82 ± 3.90 vs 42.86 ± 4.14; NS
		16:0 Palmitic (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	20.71 ± 2.11 vs 22.05 ± 3.00; NS
		18:0 Stearic (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	20.90 ± 2.09 vs 19.94 ± 3.04; NS
		MUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	19.86 ± 3.16 vs 16.83 ± 3.12; p≤0.0001	.
		18:1n-9 cis (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	15.52 ± 2.51 vs 13.6 ± 2.70; p≤0.05	.
		Total PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	38.01 ± 2.99 vs 40.22 ± 4.07; NS
		n-3 PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	3.52 ± 1.29 vs 4.98 ± 1.14; p≤0.0001	.
		22:6n-3 DHA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	3.36 ± 1.29 vs 4.97 ± 1.14; p≤0.0001	.
		n-6 PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	34.50 ± 2.37 vs 35.24 ± 4.06; NS
		20:4n-6 AA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=25, 47)	.	19.87 ± 2.11 vs 20.55 ± 2.25; NS

Article Study design Country	Duration of exclusive human milk consumption before the introduction of infant formula exposure†	Fatty acid status outcome‡	Significant associations	Nonsignificant associations
	EBF ≤2 mo prior to the introduction of DHA and AA supplemented infant formula vs EBF ≥6 mo	SFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	43.40 ± 6.70 vs 42.86 ± 4.14; NS
		16:0 Palmitic (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	24.64 ± 3.59 vs 22.05 ± 3.00; p≤0.01	.
		18:0 Stearic (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	17.83 ± 3.64 vs 19.94 ± 3.04; p≤0.05	.
		MUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	17.75 ± 2.55 vs 16.83 ± 3.12; NS
		18:1n-9 cis (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	15.53 ± 2.79 vs 13.6 ± 2.70; p≤0.05	.
		Total PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	38.89 ± 5.42 vs 40.22 ± 4.07; NS
		n-3 PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	4.55 ± 1.60 vs 4.98 ± 1.14; NS
		22:6n-3 DHA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	4.55 ± 1.60 vs 4.97 ± 1.14; NS
		n-6 PUFA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	.	34.34 ± 5.09 vs 35.24 ± 4.06; NS
		20:4n-6 AA (mean ± SD, % of total RBC membrane FA) @ 6 mo (N=24, 47)	17.42 ± 3.79 vs 20.55 ± 2.25; p≤0.0001	.

[*] Abbreviations: AA – arachidonic acid, DHA – docosahexanoic acid, Cu – copper, EBF – exclusively breastfed/exclusive breastfeeding, FA – fatty acids, Fe – iron, N – analytic sample size, NRCT – non-randomized controlled trial, NS – nonsignificant, RBC – red blood cell, SD – standard deviation, SFA – saturated fatty acids
[†] Exposures, from the articles included in the body of evidence, which address the duration of exclusive human milk consumption prior to the introduction of infant formula
[‡] Outcomes, from the articles included in the body of evidence, which address fatty acid status

Table 20. Risk of bias for the observational study examining the relationship between the duration of exclusive human milk consumption before the introduction of infant formula and fatty acid status[*] [†]

Study	Confounding	Selection of participants	Classification of exposures	Deviations from intended exposures	Missing data	Outcome measurement	Selection of the reported result
Visentin 2016[21]	**Serious**	**Low**	**Low**	**Low**	**Low**	**Low**	**Low**

[*] A detailed description of the methodology used for assessing risk of bias is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews and in Part C of the following reference: Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.
[†] Possible ratings of low, moderate, serious, critical, or no information determined using the "Risk of Bias for Nutrition Observational Studies" tool (RoB-NObs) (Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.)

Research recommendations

1. Evaluate the most useful biomarkers of nutrient status for infants and children under two years of age, and cutoff values appropriate for identifying both deficiency and excess in this age group. Nutrients of interest include those addressed in this review (iron, zinc, iodine, vitamin B12, vitamin D, and fatty acids), but may also include some that were not addressed (e.g. choline, iodine).

   Rationale: Across the body of evidence, there was heterogeneity in the methods used to assess nutrient status, in part because there is uncertainty about the most appropriate biomarkers to use in this age group. During infancy, there are profound changes in the average values of certain biomarkers between birth and 12 months, such as hemoglobin and markers of iron status, due to normal physiological changes. This makes the identification of appropriate cutoff values challenging. Serum zinc is useful as a marker of zinc status at the population level, but has serious limitations for use at the individual level. For fatty acid status, interpretation of results may differ depending on whether serum/plasma values or red blood cell values are assessed, whether samples are collected in a fed or fasted state, and on how the results are expressed (e.g. as percentage of total fatty acids, or as concentrations).

2. Measure and account for the other key factors that may play a role in studies of how infant feeding practices affect nutrient status. These factors include: birth weight, gestational age and nutrient status at birth; maternal diet and nutrient composition of her breast milk; use of nutrient supplements by mother or infant; consumption of infant formula and the fortification level of the formula; consumption of complementary foods and beverages, particularly fortified products; and other potential factors, such as exposure to sunlight (for vitamin D status), timing of umbilical cord clamping (for iron status), rate of weight gain (for iron status), and inflammation (for iron and zinc status). In addition, report the analytic group sizes and power calculations.

   Rationale: The associations between breastfeeding or formula feeding practices and nutrient status are likely to depend on all of the factors listed above, given the complex etiological pathways for each of the nutrients of interest. The evidence available is difficult to interpret because none of the studies included a comprehensive assessment of such factors. Nonsignificant associations are difficult to interpret because of a lack of information about whether all studies were sufficiently powered to examine the relationships of interest.

Included articles

1. Amano I, Murakami A. Prevalence of infant and maternal anemia during the lactation period in Japan. Pediatrics international : official journal of the Japan Pediatric Society. 2019;61(5):495-503.doi: 10.1111/ped.13833.
2. Bradley CK, Hillman L, Sherman AR, Leedy D, Cordano A. Evaluation of two iron-fortified, milk-based formulas during infancy. Pediatrics. 1993;91(5):908-914.doi.
3. Cusick SE, Mei Z, Cogswell ME. Continuing anemia prevention strategies are needed throughout early childhood in low-income preschool children. The Journal of pediatrics. 2007;150(4):422-428, 428.e421-422.doi: 10.1016/j.jpeds.2007.01.004.
4. Gibson RA, Hawkes JS, Makrides M. Dietary nucleotides do not alter erythrocyte long-chain polyunsaturated fatty acids in formula-fed term infants. Lipids. 2005;40(6):631-634.doi: 10.1007/s11745-005-1425-x.
5. Gil A, Pita M, Martinez A, Molina JA, Sanchez Medina F. Effect of dietary nucleotides on the plasma fatty acids in at-term neonates. Human nutrition Clinical nutrition. 1986;40(3):185-195.doi.
6. Innis SM, Akrabawi SS, Diersen-Schade DA, Dobson MV, Guy DG. Visual acuity and blood lipids in term infants fed human milk or formulae. Lipids. 1997;32(1):63-72.doi: 10.1007/s11745-997-0010-7.
7. Isomura H, Takimoto H, Miura F, et al Type of milk feeding affects hematological parameters and serum lipid profile in Japanese infants. Pediatrics international : official journal of the Japan Pediatric Society. 2011;53(6):807-813.doi: 10.1111/j.1442-200X.2011.03360.x.
8. Jaber L. Preventive intervention for iron deficiency anaemia in a high risk population. The International journal of risk & safety in medicine. 2014;26(3):155-162.doi: 10.3233/jrs-140622.
9. Jochum F, Fuchs A, Cser A, Menzel H, Lombeck I. Trace mineral status of full-term infants fed human milk, milk-based formula or partially hydrolysed whey protein formula. The Analyst. 1995;120(3):905-909.doi: 10.1039/an9952000905.
10. Kohn G, Sawatzki G, van Biervliet JP. Long-chain polyunsaturated fatty acids in infant nutrition. European journal of clinical nutrition. 1994;48 Suppl 2:S1-7.doi.
11. Lombeck I, Fuchs A. Zinc and copper in infants fed breast-milk or different formula. European journal of pediatrics. 1994;153(10):770-776.doi: 10.1007/bf01954500.
12. Lönnerdal B, Chen CL. Effects of formula protein level and ratio on infant growth, plasma amino acids and serum trace elements. I. Cow's milk formula. Acta paediatrica Scandinavica. 1990;79(3):257-265.doi: 10.1111/j.1651-2227.1990.tb11454.x.
13. Makrides M, Neumann M, Simmer K, Pater J, Gibson R. Are long-chain polyunsaturated fatty acids essential nutrients in infancy? Lancet (London, England). 1995;345(8963):1463-1468.doi: 10.1016/s0140-6736(95)91035-2.

14. Makrides M, Neumann MA, Jeffrey B, Lien EL, Gibson RA. A randomized trial of different ratios of linoleic to alpha-linolenic acid in the diet of term infants: effects on visual function and growth. The American journal of clinical nutrition. 2000;71(1):120-129.doi: 10.1093/ajcn/71.1.120.
15. Makrides M, Neumann MA, Simmer K, Gibson RA. Dietary long-chain polyunsaturated fatty acids do not influence growth of term infants: A randomized clinical trial. Pediatrics. 1999;104(3 Pt 1):468-475.doi: 10.1542/peds.104.3.468.
16. Male C, Persson LA, Freeman V, Guerra A, van't Hof MA, Haschke F. Prevalence of iron deficiency in 12-mo-old infants from 11 European areas and influence of dietary factors on iron status (Euro-Growth study). Acta paediatrica (Oslo, Norway : 1992). 2001;90(5):492-498.doi: 10.1080/080352501750197601.
17. Michaelsen KF, Samuelson G, Graham TW, Lonnerdal B. Zinc intake, zinc status and growth in a longitudinal study of healthy Danish infants. Acta paediatrica (Oslo, Norway : 1992). 1994;83(11):1115-1121.doi: 10.1111/j.1651-2227.1994.tb18262.x.
18. Salim S, Farquharson J, Arneil GC, et al Dietary copper intake in artificially fed infants. Archives of disease in childhood. 1986;61(11):1068-1075.doi: 10.1136/adc.61.11.1068.
19. Thorisdottir B, Gunnarsdottir I, Steingrimsdottir L, Palsson GI, Thorsdottir I. Vitamin D intake and status in 12-month-old infants at 63-66 degrees N. Nutrients. 2014;6(3):1182-1193.doi: 10.3390/nu6031182.
20. Thorsdottir I, Gunnarsson BS, Atladottir H, Michaelsen KF, Palsson G. Iron status at 12 months of age -- effects of body size, growth and diet in a population with high birth weight. European journal of clinical nutrition. 2003;57(4):505-513.doi: 10.1038/sj.ejcn.1601594.
21. Visentin S, Vicentin D, Magrini G, et al Red blood cell membrane fatty acid composition in infants fed formulas with different lipid profiles. Early human development. 2016;100:11-15.doi: 10.1016/j.earlhumdev.2016.05.018.
22. Winkler C, Hummel S, Pfluger M, et al The effect of maternal T1DM on the fatty acid composition of erythrocyte phosphatidylcholine and phosphatidylethanolamine in infants during early life. European journal of nutrition. 2008;47(3):145-152.doi: 10.1007/s00394-008-0708-9.
23. Wu TC, Huang IF, Chen YC, Chen PH, Yang LY. Differences in serum biochemistry between breast-fed and formula-fed infants. Journal of the Chinese Medical Association : JCMA. 2011;74(11):511-515.doi: 10.1016/j.jcma.2011.09.007.

METHODOLOGY

The NESR team used its rigorous, protocol-driven methodology to support the 2020 Dietary Guidelines Advisory Committee in conducting this systematic review.

NESR's systematic review methodology involves:

- Developing a protocol,
- Searching for and selecting studies,
- Extracting data from and assessing the risk of bias of each included study,
- Synthesizing the evidence,
- Developing conclusion statements,
- Grading the evidence underlying the conclusion statements, and
- Recommending future research.

A detailed description of the methodology used in conducting this systematic review is available on the NESR website: https://nesr.usda.gov/2020-dietary-guidelines-advisory-committee-systematic-reviews, and can be found in the 2020 Dietary Guidelines Advisory Committee Report, Part C: Methodology.[xiii] This systematic review was peer reviewed by Federal scientists, and information about the peer review process can also be found in the Committee's Report, Part C. Methodology. Additional information about this systematic review, including a description of and rationale for any modifications made to the protocol can be found in the 2020 Dietary Guidelines Advisory Committee Report, Chapter 4. Duration, Frequency, and Volume of Exclusive Human Milk and/or Infant Formula Feeding.

Below are details of the final protocol for the systematic review described herein, including the:

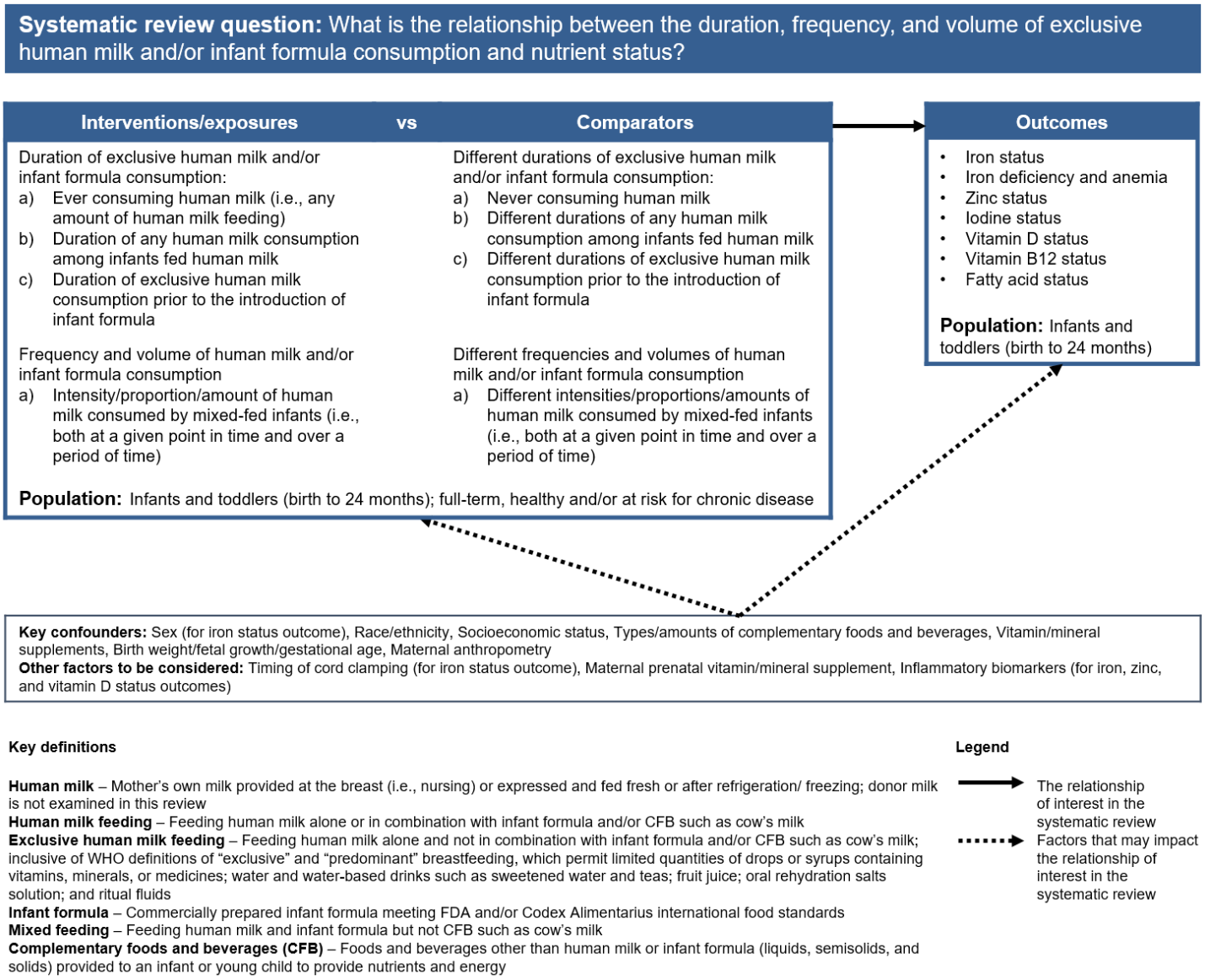
- Analytic framework
- Literature search and screening plan
- Literature search and screening results

[xiii] Dietary Guidelines Advisory Committee. 2020. *Scientific Report of the 2020 Dietary Guidelines Advisory Committee: Advisory Report to the Secretary of Agriculture and the Secretary of Health and Human Services*. U.S. Department of Agriculture, Agricultural Research Service, Washington, DC.

ANALYTIC FRAMEWORK

The analytic framework (**Figure 1**) illustrates the overall scope of the systematic review, including the population, the interventions and/or exposures, comparators, and outcomes of interest. It also includes definitions of key terms and identifies key confounders and other factors considered in the systematic review. The inclusion and exclusion criteria that follow provide additional information about how parts of the analytic framework were defined and operationalized for the review.

Figure 1. Analytic framework



LITERATURE SEARCH AND SCREENING PLAN

Inclusion and exclusion criteria

This table provides the inclusion and exclusion criteria for the systematic review. The inclusion and exclusion criteria are a set of characteristics that were used to determine which articles identified in the literature search were included in or excluded from the systematic review.

Table 21. Inclusion and exclusion criteria

Category	Inclusion Criteria	Exclusion Criteria
Publication status	Articles that have been peer-reviewed	Articles that have not been peer-reviewed and are not published in peer-reviewed journals, including unpublished data, manuscripts, reports, abstracts, and conference proceedings
Date of publication	January 1980-September 2019	Articles published prior to January 1980 or after September 2019
Language of publication	Articles published in English	Articles published in languages other than English
Study design	Randomized controlled trials Non-randomized controlled trials, including quasi-experimental and controlled before-and-after studies Prospective cohort studies Retrospective cohort studies Nested case-control studies	Uncontrolled trials Case-control studies Cross-sectional studies Uncontrolled before-and-after studies Narrative reviews Systematic reviews Meta-analyses

Category	Inclusion Criteria	Exclusion Criteria
Interventions/ exposures	1. Duration of exclusive human milk and/or infant formula consumption:	
	a) Ever consuming human milk (i.e., any amount of human milk feeding)	
	b) Duration of any human milk consumption among infants fed human milk	1b) Variables that include infants who were never fed human milk
	c) Duration of exclusive human milk consumption prior to the introduction of infant formula	1c) Duration of exclusive human milk consumption prior to the introduction of complementary foods and beverages or the concurrent introduction of complementary foods and beverages and infant formula (including when a study does not specify what follows exclusive human milk feeding)
	2. Frequency and volume of human milk and/or infant formula consumption	
	a) Intensity/proportion/amount of human milk consumed by mixed-fed infants	2a) Variables that include infants fed complementary foods and beverages
Comparators	1. Different durations of exclusive human milk and/or infant formula consumption:	
	a) Never consuming human milk	1a) Variables that include any amount of human milk feeding (e.g., very short-term or token) or the feeding of infant formula that does not meet the definition below
	b) Different durations of any human milk consumption among infants fed human milk	1b) Variables that include infants who were never fed human milk
	c) Different durations of exclusive human milk consumption prior to the introduction of infant formula	1c) Durations of exclusive human milk consumption prior to the introduction of complementary foods and beverages or the concurrent introduction of complementary foods and beverages and infant formula (including when a study does not specify what follows exclusive human milk feeding)
	2. Different frequencies and volumes of human milk and/or infant formula consumption	
	a) Different intensities/proportions/amounts of human milk consumed by mixed-fed infants	2a) Variables that include infants fed complementary foods and beverages

Category	Inclusion Criteria	Exclusion Criteria
Sources of foods, beverages, or nutrients	Human milk: Mother's own milk (MOM), that is, human milk fed at the breast (i.e., nursing) or expressed and fed fresh or after refrigeration/freezing	Human milk from third parties (e.g., banked/donor milk)
	Infant formula: commercially prepared infant formula meeting FDA[xiv] and/or Codex Alimentarius[xv] international food standards	Infant formulas that are not commercially prepared or that do not meet FDA and/or Codex Alimentarius international food standards
Outcomes	• Iron status (e.g., hemoglobin concentration, hematocrit, serum ferritin concentration, serum transferrin receptor) • Iron deficiency and anemia • Zinc status (e.g., plasma zinc concentration) • Iodine status • Vitamin D status • Vitamin B12 status • Fatty acid status	
Country	Studies conducted in countries ranked as high or very high human development[xvi]	Studies conducted in countries ranked as medium or lower human development
Study participants	Human participants Males Females	Non-human participants (e.g., animal and in-vitro studies)
Age of study participants	Age at intervention or exposure: infants and toddlers (birth to 24 months) Age at outcome: infants and toddlers (birth to 24 months)	Children and adolescents (ages 2 years and older) Adults (ages 19 years and older)

[xiv] U.S. Food and Drug Administration. Version 19 December 2013. Internet: https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/InfantFormula/ucm136118.htm#manufacture (accessed March 23, 2018).

[xv] Food and Agriculture Organization of the United Nations. World Health Organization. Codex Alimentarius. International Food Standards. Standard for infant formula and formulas for special medical purposes intended for infants. Codex Stan 72-1981. 2007.

[xvi] The human development classification from the Pregnancy and Birth to 24 Months (P/B-24) Project, which was used to screen micronutrient status literature from the original literature search, was applied to the updated literature search for consistency. During the P/B-24 Project, the human development classification was the Human Development Index (HDI) ranking from the most recent Human Development Report (United Nations Development Programme. Human Development Report 2014. New York, 2014.)

Category	Inclusion Criteria	Exclusion Criteria
Health status of study participants	Studies that enroll participants: • born full-term (≥37 weeks and 0/7 days gestational age) • who are healthy and/or at risk for chronic disease Studies that enroll *some* participants: • born preterm (gestational age <37 weeks and 0/7 days), with low birth weight (<2500g), or small for gestational age • diagnosed with a disease • who are deficient in the nutrients of interest or have anemia	Studies that *exclusively* enroll participants: • born preterm (gestational age <37 weeks and 0/7 days), with low birth weight (<2500g), or small for gestational age • diagnosed with a disease or hospitalized with an illness or injury • who are deficient in the nutrients of interest or have anemia (i.e., studies that aim to treat participants who have already been diagnosed with nutrient deficiencies or anemia)
Size of study groups	Studies with ≥30 participants per study group or a power analysis indicating that the study is appropriately powered for the outcome(s) of interest	Studies with <30 participants per study group with no power analysis indicating that the study is appropriately powered for the outcome(s) of interest

Electronic databases and search terms

Pregnancy and Birth to 24 Months Project literature search[xvii]

PubMed

- Provider: U.S. National Library of Medicine
- Date(s) Searched: Dec 4, 2015 and March 28, 2016 to refine/limit search terms and remove pub type indexing
- Date range searched: January 1, 1980-March 28, 2016
- Search terms:

  (breast feeding[mh] OR breastfeeding[tiab] OR breast feeding*[tiab] OR breast-feeding*[tiab] OR breastfed[tiab] OR breast-fed[tiab] OR breastfeed*[tiab] OR "breast feed"[tiab]) OR (Milk, human[mh] OR "breast milk"[tiab] OR breast-milk[tiab] OR "human milk"[tiab] OR "mother's milk"[tiab] OR breastmilk[tiab]) OR (Bottle feeding[mh] OR bottle feeding*[tiab] OR "bottle feeding"[tiab] OR bottle-feeding*[tiab] OR bottle-fed[tiab] OR “bottle fed”[tiab])

  NOT ((aids[ti] AND "Acquired Immunodeficiency Syndrome"[Mesh]) OR hiv[ti] OR HIV/AIDS[ti] OR human immunodefic*[ti] OR Acquired Immunodefic*[ti] OR "low birth weight"[ti] OR lbw[ti] OR vlbw[ti] OR elbw[ti] OR pcb[ti] OR pcbs[ti] OR Polychlorinated Biphenyl*[ti] OR Polychlorobiphenyl Compound*[ti] OR dioxin*[ti] OR (breast[ti] AND (tumor*[ti] OR tumour*[ti] OR cancer*[ti] OR carcinoma*[ti] OR disease*[ti]))) NOT (breastfeed*[ti] OR breastfed*[ti] OR feed*[ti] OR fed[ti] OR milk[ti])

  NOT (editorial[ptyp] OR comment[ptyp] OR news[ptyp] OR letter[ptyp] OR review[ptyp] OR systematic[sb])

  Filters: Publication date from 1980/01/01 to 2016/03/28, Humans, English

Cochrane Central Register of Controlled Trials (CENTRAL)

- Provider: John Wiley & Sons
- Date(s) searched: Dec 8, 2015
- Date range searched: January 1, 1980-December 8, 2015
- Search terms:

  "Breast Feeding"OR breast-fed OR "breast fed" OR breastfeeding OR “breast feeding” OR “breast feed” OR “breast feeds” OR breast-feed OR breast-feeds OR (breast NEAR/3 feed*) OR “human milk” OR “breast milk” OR breastmilk OR “mother's milk” OR “maternal milk” OR ((mother* OR maternal OR donor* OR donate*) NEAR/3 milk) OR “Bottle feeding” OR “bottle feedings” OR “bottle-feeding” OR “bottle-feedings” OR (bottle NEAR/3 feed*)

Embase

- Provider: Elsevier

[xvii] During the Pregnancy and Birth to 24 Months (P/B-24) Project, systematic review questions were defined to examine the relationships between human milk and infant formula consumption and several outcomes, and NESR used a single literature search to identify potential studies for the family of reviews (https://nesr.usda.gov/infant-milk-feeding-practices-technical-expert-collaborative). Some of the intended reviews, including nutrient status, were not completed before the end of the Project. The 2020 Dietary Guidelines Advisory Committee, Birth to 24 Months Subcommittee, used and updated the literature search and screening underway from the P/B-24 Project according to the inclusion and exclusion criteria described herein.

- Date(s) Searched: Dec 5, 2015
- Date range searched: January 1, 1980-December 5, 2015
- Search terms[xviii]:
  'bottle feeding'/exp OR 'bottle feeding':ab,ti OR 'bottle feedings':ab,ti OR 'bottle fed':ab,ti OR bottle* NEAR/3 feed* AND [english]/lim AND [humans]/lim AND [1980-2015]/py OR 'breast milk'/exp OR 'human milk':ab,ti OR 'breast milk':ab,ti OR breastmilk:ab,ti OR mother* NEAR/2 milk OR 'maternal milk':ab,ti AND [english]/lim AND [humans]/lim AND [1980-2015]/py OR 'breast feeding'/exp OR breastfeed*:ab,ti OR 'breast feed':ab,ti OR 'breast feeding':ab,ti OR breastfed:ab,ti OR 'breast fed':ab,ti OR feeding NEAR/3 breast AND [english]/lim AND [humans]/lim AND [1980-2015]/py

Cumulative Index of Nursing and Allied Health Literature (CINAHL Plus)

- Provider: EBSCOhost
- Date(s) searched: Dec 8, 2015
- Date range searched: January 1, 1980-December 8, 2015
- Search terms:

  (MH "Breast Feeding+" OR breast-fed OR "breast fed" OR breastfeeding OR breast feeding OR breast-fed) OR MH "Milk, Human" OR “Human Milk” OR “Breast Milk” OR Breastmilk OR breast-milk OR ((maternal OR mother*) n3 milk) OR (MH "Bottle Feeding") OR "bottle feeding" OR (bottle n3 feed*) OR bottle-feeding OR bottle-feedings OR “bottle fed” OR “bottle-fed”)

Update to the Pregnancy and Birth to 24 Months Project literature search

PubMed

- Provider: U.S. National Library of Medicine
- Date(s) Searched: September 5, 2019
- Date range searched: January 1, 2016 - September 31, 2019
- Search terms:

  #1 - Breast feeding[mh] OR breast fed[tiab] OR breast feed*[tiab] OR bottle feed*[tiab] OR breastfeed*[tiab] OR bottle fed*[tiab] OR breastfed[tiab] OR breastfeed*[tiab] OR breast feed[tiab] OR Milk, human[mh] OR "breast milk"[tiab] OR "human milk"[tiab] OR "mother's milk"[tiab] OR mothers’ milk[tiab] OR mother’s own milk[tiab] OR mothers’ own milk[tiab] OR “maternal milk”[tiab] OR breastmilk[tiab] OR Bottle feeding[mh] OR infant formula[mh] OR “infant formula”[tiab] OR “milk formula”[tiab]

  #2 - (("Allergy and Immunology"[Mesh:NoExp] OR allergy[tiab] OR allergies[tiab] OR allergic[tiab] OR allergen* OR Hypersensitivit*[tiab] OR atopic[tiab]) AND (food OR foods OR peanut* OR nut OR nuts OR egg OR eggs OR milk OR shellfish OR fish OR wheat OR gluten* OR dairy)) OR "Food Hypersensitivity"[Mesh] OR asthma*[tiab] OR asthma[mh] OR "Rhinitis, Allergic"[Mesh] OR (allergic[tiab] AND rhiniti*[tiab]) OR "Dermatitis, Atopic"[Mesh] OR ((Dermatiti*[tiab] OR eczema[tiab]) AND Atopic[tiab]) OR eczema[mh] OR "Immunoglobulin E"[Mesh] OR "Immunoglobulin E"[tiab]

[xviii] After conducting the search, the librarian used the citation manager to screen out search results from Embase, CINAHL, and Cochrane with the following keywords in the title: (aids AND "Acquired Immunodeficiency Syndrome") OR hiv OR HIV/AIDS OR human immunodefic* OR Acquired Immunodefic* OR "low birth weight" OR lbw OR vlbw OR elbw OR pcb OR pcbs OR Polychlorinated Biphenyl* OR Polychlorobiphenyl Compound* OR dioxin* OR (breast AND (tumor* OR tumour* OR cancer* OR carcinoma* OR disease*)) OR preterm OR premature

#3 - “Body Weights and Measures”[Mesh] OR “Body Weight”[Mesh] OR obesity[tiab] OR obese[tiab] OR overweight[tiab] OR body mass index[tiab] OR BMI[tiab] OR underweight[tiab] OR wasting[tiab] OR healthy weight[tiab] OR "Body Composition"[Mesh] OR body composition[tiab] OR body fat[tiab] OR fat mass[tiab] OR fat free mass[tiab] OR stunting[tiab] OR stunted[tiab] OR "Growth Charts"[Mesh] OR growth chart*[tiab] OR waist circumference[tiab] OR head circumference[tiab] OR arm circumference[tiab] OR thigh circumference[tiab] OR neck circumference[tiab] OR Anthropometry[Mesh:NoExp]OR Growth[Mesh:NoExp] OR Overnutrition[Mesh] OR failure to thrive[mh] OR anthropometr*[tiab] OR adiposity[tiab] OR calf circumference[tiab] OR failure to thrive[tiab] OR skin fold*[tiab] OR skin fold*[tiab] OR normal weight[tiab] OR weight for age[tiab] OR height for age[tiab] OR recumbent length[tiab] OR length for age[tiab] OR weight for length[tiab]

#4 - "Mental Disorders"[Mesh] OR mental disorder*[tiab] OR "Cognition"[Mesh] OR cognition[tiab] OR cognitive[tiab] OR metacognition[tiab] OR neurocognitive[tiab] OR neurodevelop*[tiab] OR neurological[tiab] OR "Cognitive Dysfunction"[Mesh] OR "Depressive Disorder"[Mesh] OR "Depression"[Mesh] OR depression[tiab] OR anxiety[tiab] OR "Psychomotor Performance"[Mesh] OR motor skill*[tiab] OR "Executive Function"[Mesh] OR executive function* OR "Attention Deficit and Disruptive Behavior Disorders"[Mesh] OR attention deficit disorder*[tiab] OR ADHD[tiab] OR "Child Behavior Disorders"[Mesh] OR developmental disorder*[tiab] OR "Autism Spectrum Disorder"[Mesh] OR Autism[tiab] OR Asperger[tiab] OR language processing[tiab] OR language delay* OR "Child Development"[Mesh] OR child develop*[tiab] OR "Developmental Disabilities"[Mesh] OR developmental delay[tiab] OR developmental disabilit*[tiab] OR "Motor Skills Disorders"[Mesh] OR motor skill*[tiab] OR "Problem Solving"[Mesh] OR developmental domain* OR academic performance[tiab] OR academic achievement[tiab] OR academic failure[tiab] OR academic success*[tiab]

#5 - Micronutrients[mh] OR micronutrient*[tiab] OR "Anemia"[Mesh] OR "Anemia, Iron-Deficiency"[Mesh] OR anemia[tiab] OR anemic[tiab] OR rickets[tiab] OR hematocrit[tiab] OR 25 hydroxyvitamin d[tiab] OR “25(oh)d”[tiab] OR cobalamin[tiab] OR holo-tc[tiab] OR holotranscobalamin[tiab] OR "Zinc"[Mesh] OR zinc[tiab] OR "Iodine"[Mesh] OR iodine[tiab] OR "Iron"[Mesh] OR iron[tiab] OR hemoglobin*[tiab] OR ferritin*[tiab] OR transferrin*[tiab] OR "Vitamin B 12"[Mesh] OR "Vitamin B 12 Deficiency"[Mesh] OR “vitamin B”[tiab] OR "Vitamin D"[Mesh] OR "Vitamin D Deficiency"[Mesh] OR vitamin D*[tiab] OR "Fatty Acids"[Mesh:NoExp] OR fatty acid* OR saturated fat* OR "Fatty Acids, Monounsaturated"[Mesh] OR monounsaturated fat* OR mono-unsaturated fat* OR polyunsaturated fat* OR poly-unsaturated fat* OR unsaturated fat* OR unsaturated fatty acid* OR "Fatty Acids, Omega-3"[Mesh] OR omega-3[tiab] OR N-3 fatty acid* OR “Fatty Acids, Omega-6"[Mesh] OR omega-6 OR N-6 fatty acid* OR MUFA* OR PUFA* OR alpha-linolenic acid* OR eicosapentaenoic acid* OR docosahexaenoic acid* OR linoleic acid* OR alpha-linolenic acid* OR arachidonic acid* OR "Fats, Unsaturated"[Mesh] OR (((fat[tiab] OR fatty[tiab]) AND (saturat* OR unsatur* OR monounsatur* OR polyunsatur* OR poly-unsatur* OR linolenic acid*)))))

#6 - Diabetes Mellitus[mh:noexp] OR Diabetes Mellitus, Type 2[Mesh] OR Type 2 diabetes[tiab] OR T2D[tiab] OR T1D[tiab] OR homa-ir[tiab] OR blood pressure[mh] OR hypertension[mh] OR hyperlipidemias[mh] OR hyperlipidemia*[tiab] OR thrombosis[mh] OR “blood pressure”[tiab] OR hdl[tiab] OR ldl[tiab] OR Diabetes Mellitus, Type 1[mesh] OR Type 1 diabetes[tiab] OR Prediabetic State[Mesh] OR prediabet*[tiab] OR pre diabet* OR Insulin Resistance[Mesh] OR insulin resistance[tiab] OR Glucose Intolerance[Mesh]

OR glucose intolerance[tiab] OR glucose tolerance[tiab] OR Glycated Hemoglobin A[Mesh] OR hemoglobin A1c[ti] OR ((impaired fasting[tiab] OR Diabetes Mellitus[Mesh:NoExp]) AND (glucose[tiab] OR glycemi*[tiab] OR high blood sugar[tiab] OR low blood sugar[tiab] OR hyperglycemia[mh] OR hypoglycemia[mh] OR hyperglycem*[tiab] OR hypoglycem*[tiab])) OR ((Cardiovascular Diseases[Mesh:noexp] OR cardiovascular disease*[tiab] OR coronary artery disease[tiab] OR heart disease*[tiab] OR Heart Failure[Mesh] OR heart failure[tiab] OR myocardial infarction*[tiab] OR Myocardial Ischemia[Mesh] OR Myocardial Ischemia*[tiab] OR Stroke[Mesh] OR stroke[tiab] OR heart attack[tiab] OR venous thrombosis[tiab] OR hypertension[tiab] OR Lipids/blood[Mesh] OR total cholesterol[tiab] OR Triglycerides[Mesh] OR triglycerides[tiab] OR arterial occlusive diseases[mh]))

#7 - #2 OR #3 OR #4 OR #5 OR #6

#8 - #1 AND #7

#9 - #8 NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh])) NOT editorial[ptyp] OR comment[ptyp] OR news[ptyp] OR letter[ptyp] OR review[ptyp] OR systematic review[ptyp] OR systematic review[ti] OR meta-analysis[ptyp] OR meta-analysis[ti] OR meta-analyses[ti] OR retracted publication[ptyp] OR retraction of publication[ptyp] OR retraction of publication[tiab] OR retraction notice[ti]

Filters: Publication date from 2016/01/01 to 2019/09/31; English

Cochrane Central Register of Controlled Trials (CENTRAL)

- Provider: John Wiley & Sons
- Date(s) Searched: September 5, 2019
- Date range searched: January 1, 2016 - September 31, 2019
- Search terms:

#1 - [mh “breast feeding”] OR “breast fed” OR “breast feed*” OR “bottle feed*” OR breastfeed* OR “bottle fed*” OR breastfed OR breastfeed* OR “breast feed” OR [mh “milk, human”] OR "breast milk" OR "human milk" OR "mother's milk" OR “mothers’ milk” OR “mother’s own milk” OR “mothers’ own milk” OR “maternal milk” OR breastmilk OR [mh “Bottle feeding”] OR [mh “infant formula”] OR “infant formula” OR “milk formula”

#2 - [mh ^"Allergy and Immunology"] OR ((allerg*:ti,ab OR Hypersensitivit*:ti,ab) NEAR/4 (food* OR peanut* OR nut OR nuts OR egg* OR milk OR shellfish OR wheat OR dairy OR fish)) OR [mh "Food Hypersensitivity"] OR asthma* OR [mh "Rhinitis, Allergic"] OR (allerg* NEAR/4 Rhiniti*) OR [mh "Dermatitis, Atopic"] OR ((Dermatiti* OR eczema) NEAR/4 Atopic) OR (Infant* NEAR/4 Eczema) OR [mh "Immunoglobulin E"] OR "Immunoglobulin E"

#3 – [mh “Body Weights and Measures”] OR [mh “Body Weight”) OR obesity OR obese OR overweight OR “body mass index” OR BMI OR underweight OR wasting OR “healthy weight” OR [mh "Body Composition"] OR “body composition” OR “body fat” OR “fat mass” OR “fat free mass” OR stunting OR stunted OR [mh "Growth Charts"] OR growth chart* OR “waist circumference” OR “head circumference” OR “arm circumference” OR “thigh circumference” OR “neck circumference” OR [mh ^“Anthropometry”] OR [mh ^“Growth”] OR [mh “Overnutrition”] OR [mh “failure to thrive”] OR anthropometr* OR adiposity OR “calf circumference” OR “failure to thrive” OR “skin fold*” OR “skin fold*” OR “normal weight” OR “weight for age” OR “height for age” OR “recumbent length” OR “length for age” OR “weight for length”

#4 - [mh "Mental Disorders"] OR [mh "Cognition"] OR [mh "Cognitive Dysfunction"] OR [mh "Depressive Disorder"] OR [mh "Depression"] OR [mh "Psychomotor Performance"] OR [mh "Executive Function"] OR [mh "Attention Deficit and Disruptive Behavior Disorders"] OR [mh "Child Behavior Disorders"] OR [mh "Autism Spectrum Disorder"] OR [mh "Child Development"] OR [mh "Developmental Disabilities"] OR [mh "Motor Skills Disorders"] OR [mh "Problem Solving"] OR ("mental disorder*" OR cognition OR cognitive OR metacognition OR neurocognitive OR neurodevelop* OR neurological OR depression OR anxiety OR "motor skill*" OR "executive function*" OR "attention deficit disorder*" OR ADHD OR "developmental disorder*" OR Autism OR Asperger OR "language processing" OR "language delay" OR "child develop*" OR "developmental delay" OR "developmental disabilit*" OR "motor skill*" OR "developmental domain*" OR "academic performance" Or "academic achievement" OR "academic failure" OR "academic success*"):ti,ab,kw

#5 - [mh Micronutrients] OR micronutrient* OR [mh "Anemia"] OR [mh "Anemia, Iron-Deficiency"] OR anemia OR anemic OR rickets OR hematocrit OR "25 hydroxyvitamin d" OR "25(oh)d" OR cobalamin OR holo-tc OR holotranscobalamin OR [mh "Zinc"] OR zinc OR [mh "Iodine"] OR iodine OR [mh "Iron"] OR iron OR hemoglobin* OR ferritin* OR transferrin* OR [mh "Vitamin B 12"] OR [mh "Vitamin B 12 Deficiency"] OR "vitamin B" OR [mh "Vitamin D"] OR [mh "Vitamin D Deficiency"] OR "vitamin D*" OR [mh ^"Fatty Acids"] OR "fatty acid*" OR "saturated fat*" OR [mh "Fatty Acids, Monounsaturated"] OR "monounsaturated fat*" OR "mono-unsaturated fat*" OR "polyunsaturated fat*" OR "poly-unsaturated fat*" OR "unsaturated fat*" OR "unsaturated fatty acid*" OR [mh "Fatty Acids, Omega-3"] OR omega-3 OR "N-3 fatty acid*" OR [mh "Fatty Acids, Omega-6"] OR omega-6 OR "N-6 fatty acid*" OR MUFA* OR PUFA* OR "alpha-linolenic acid*" OR "eicosapentaenoic acid*" OR "docosahexaenoic acid*" OR "linoleic acid*" OR "alpha-linolenic acid*" OR "arachidonic acid*" OR [mh "Fats, Unsaturated"] OR ((fat OR fatty) NEAR/4 (saturat* OR unsatur* OR monounsatur* OR polyunsatur* OR poly-unsatur* OR linolenic acid*))

#6 - [mh ^"Diabetes Mellitus"] OR [mh "Diabetes Mellitus, Type 2"] OR "Type 2 diabetes" OR T2D OR T1D OR homa-ir OR [mh "blood pressure"] OR [mh "hypertension"] OR [mh "hyperlipidemias"] OR hyperlipidemia* OR [mh "thrombosis"] OR "blood pressure" OR hdl OR ldl OR [mh "Diabetes Mellitus, Type 1"] OR "Type 1 diabetes" OR [mh "Prediabetic State"] OR prediabet* OR "pre diabet*" OR [mh "Insulin Resistance"] OR "insulin resistance" OR [mh "Glucose Intolerance"] OR "glucose intolerance" OR "glucose tolerance" OR [mh "Glycated Hemoglobin A"] OR "hemoglobin A1c" OR (("impaired fasting" OR [mh ^"Diabetes Mellitus"]) NEAR/4 (glucose OR glycemi* OR "high blood sugar" OR "low blood sugar" OR [mh hyperglycemia] OR [mh hypoglycemia] OR hyperglycem* OR hypoglycem*)) OR [mh "Cardiovascular Diseases"] OR "cardiovascular disease*" OR "coronary artery disease" OR "heart disease*" OR [mh "Heart Failure"] OR "heart failure" OR "myocardial infarct*" OR [mh "Myocardial Ischemia"] OR "Myocardial Ischemia*" OR [mh Stroke] OR stroke OR "heart attack" OR "venous thrombosis" OR hypertension OR [mh Lipids/BL] OR "total cholesterol" OR [mh Triglycerides] OR triglycerides OR [mh "arterial occlusive diseases"]

#6 - #2 OR #3 OR #4 OR #5 OR #6

#7 - #1 AND #6

Filters – Date limited 2016 to 2019, Trials

Embase

- Provider: Elsevier

- Date(s) Searched: September 5, 2019
- Date range searched: January 1, 2016 - September 31, 2019
- Search terms:

#1 - breast AND 'feeding'/exp OR 'breast fed':ti,ab OR 'bottle feed*':ti,ab OR 'bottle fed*':ti,ab OR breastfed:ti,ab OR breastfeed*:ti,ab OR 'breast feed*':ti,ab OR 'breast milk'/exp OR 'breast milk':ti,ab OR 'human milk':ti,ab OR 'mothers milk':ti,ab OR 'mothers own milk':ti,ab OR 'maternal milk':ti,ab OR breastmilk:ti,ab OR 'bottle feeding'/exp OR 'artificial milk'/exp OR 'infant formula':ti,ab OR ‘milk formula’:ti,ab

#2 - 'allergic asthma'/exp OR 'food allergy'/exp OR 'allergic rhinitis'/exp OR 'dermatitis'/exp OR 'eczema'/exp OR 'skin allergy'/exp OR ((allerg* OR hypersensitivity*) NEAR/4 (food OR peanut* OR nut OR nuts OR egg OR eggs OR milk OR shellfish OR wheat OR fish OR dairy)) OR 'immunoglobulin e'/exp OR 'immunoglobulin e':ti,ab

#3 - 'morphometry'/exp OR obesity:ti,ab OR obese:ti,ab OR overweight:ti,ab OR 'body mass index':ti,ab OR bmi:ti,ab OR underweight:ti,ab OR wasting:ti,ab OR 'healthy weight':ti,ab OR 'body composition':ti,ab OR 'body fat':ti,ab OR 'fat mass':ti,ab OR 'fat free mass':ti,ab OR stunting:ti,ab OR stunted:ti,ab OR 'growth chart*':ti,ab OR 'waist circumference':ti,ab OR 'head circumference':ti,ab OR 'arm circumference':ti,ab OR 'thigh circumference':ti,ab OR 'neck circumference':ti,ab OR anthropometr*:ti,ab OR adiposity:ti,ab OR 'calf circumference':ti,ab OR 'failure to thrive':ti,ab OR 'skin fold*':ti,ab OR skinfold*:ti,ab OR 'normal weight':ti,ab OR 'weight for age':ti,ab OR 'height for age':ti,ab OR 'recumbent length':ti,ab OR 'length for age':ti,ab OR 'weight for length':ti,ab OR 'body composition'/mj OR 'waist circumference'/de OR 'body height'/de OR 'growth chart'/de OR 'body weight'/de OR 'anthropometry'/exp OR 'body growth'/de OR 'growth'/de OR 'overnutrition'/de OR 'failure to thrive'/exp OR 'weight for age'/exp OR 'height for age'/exp OR 'length for age'/exp

#4 - ((micronutrient*:ti,ab OR anemia:ti,ab OR anemic:ti,ab OR rickets:ti,ab OR hematocrit:ti,ab OR '25 hydroxyvitamin d':ti,ab OR '25(oh)d':ti,ab OR cobalamin:ti,ab OR 'holo tc':ti,ab OR holotranscobalamin:ti,ab OR zinc:ti,ab OR iodine:ti,ab OR iron:ti,ab OR hemoglobin*:ti,ab OR ferritin*:ti,ab OR transferrin*:ti,ab OR 'vitamin b':ti,ab OR 'vitamin d*':ti,ab OR 'fatty acid*':ti,ab OR 'saturated fat*':ti,ab OR 'monounsaturated fat*':ti,ab OR mono-unsaturated) AND fat*:ti,ab OR 'polyunsaturated fat*':ti,ab OR poly-unsaturated) AND fat* OR 'unsaturated fat*':ti,ab OR 'unsaturated fatty acid*':ti,ab OR 'omega 3':ti,ab OR 'n-3 fatty acid*':ti,ab OR 'omega 6':ti,ab OR 'n-6 fatty acid*':ti,ab OR mufa*:ti,ab OR pufa*:ti,ab OR 'eicosapentaenoic acid*':ti,ab OR 'docosahexaenoic acid*':ti,ab OR 'linoleic acid*':ti,ab OR 'alpha-linolenic acid*':ti,ab OR 'arachidonic acid*':ti,ab OR ((fat:ti,ab OR fatty:ti,ab) AND (saturat* OR unsatur* OR monounsatur* OR polyunsatur* OR poly-unsatur* OR linolenic) AND acid*) OR 'trace element'/exp OR 'anemia'/exp OR 'zinc'/exp OR 'iodine'/exp OR 'iron'/exp OR 'cyanocobalamin'/exp OR 'b12 deficiency'/exp OR 'vitamin d'/exp OR 'vitamin d deficiency'/exp OR 'fatty acid'/de OR 'docosahexaenoic acid'/exp OR 'icosapentaenoic acid'/exp OR 'linoleic acid'/exp OR 'linolenic acid'/exp OR 'arachidonic acid'/exp OR 'holotranscobalamin'/exp OR 'hemoglobin'/exp OR 'ferritin'/exp OR 'transferrin'/exp

#5 - 'type 2 diabetes':ti,ab OR t2d:ti,ab OR t1d:ti,ab OR 'homa ir':ti,ab OR hyperlipidemia*:ti,ab OR 'blood pressure':ti,ab OR hdl:ti,ab OR ldl:ti,ab OR 'type 1 diabetes':ti,ab OR prediabet*:ti,ab OR 'pre diabet*':ti,ab OR 'insulin resistance':ti,ab OR 'glucose intolerance':ti,ab OR 'glucose tolerance':ti,ab OR 'hemoglobin a1c':ti,ab OR (('impaired fasting':ti,ab OR 'diabetes mellitus'/de) AND (glucose:ti,ab OR glycemi*:ti,ab

OR 'high blood sugar':ti,ab OR 'low blood sugar':ti,ab OR 'hyperglycemia'/exp OR 'hypoglycemia'/exp OR hyperglycem*:ti,ab OR hypoglycem*:ti,ab)) OR 'cardiovascular disease*':ti,ab OR 'coronary artery disease':ti,ab OR 'heart disease*':ti,ab OR 'heart failure':ti,ab OR 'myocardial infarction*':ti,ab OR 'myocardial ischemia*':ti,ab OR stroke:ti,ab OR 'heart attack':ti,ab OR 'venous thrombosis':ti,ab OR hypertension:ti,ab OR 'total cholesterol':ti,ab OR triglycerides:ti,ab OR 'diabetes mellitus'/de OR 'non insulin dependent diabetes mellitus'/exp OR 'blood pressure'/exp OR 'hypertension'/exp OR 'hyperlipidemia'/exp OR 'thrombosis'/exp OR 'insulin dependent diabetes mellitus'/exp OR 'impaired glucose tolerance'/exp OR 'insulin resistance'/exp OR 'glucose intolerance'/exp OR 'glycosylated hemoglobin'/exp OR 'cardiovascular disease'/de OR 'heart failure'/exp OR 'heart muscle ischemia'/exp OR 'heart infarction'/exp OR 'cerebrovascular accident'/exp OR 'blood lipids'/exp OR 'triacylglycerol'/exp OR 'peripheral occlusive artery disease'/exp

#6 - 'mental disease'/exp OR 'cognition'/exp OR 'cognitive defect'/exp OR 'depression'/exp OR 'psychomotor performance'/de OR 'executive function'/de OR 'attention deficit disorder'/de OR 'autism'/exp OR 'child development'/de OR 'developmental disorder'/exp OR 'psychomotor disorder'/de OR 'problem solving'/de OR 'mental disorder*':ab,ti OR cognition:ab,ti OR cognitive:ab,ti OR metacognition:ab,ti OR neurocognitive:ab,ti OR neurodevelop*:ab,ti OR neurological:ab,ti OR depression:ab,ti OR anxiety:ab,ti OR 'executive function*':ab,ti OR 'attention deficit disorder*':ab,ti OR adhd:ab,ti OR 'developmental disorder*':ab,ti OR autism:ab,ti OR asperger:ab,ti OR 'language processing':ab,ti OR 'language delay':ab,ti OR 'child develop*':ab,ti OR 'developmental delay':ab,ti OR 'developmental disabilit*':ab,ti OR 'motor skill*':ab,ti OR 'developmental domain*':ab,ti OR 'academic performance':ab,ti OR 'academic achievement':ab,ti OR 'academic failure':ab,ti OR 'academic success*':ab,ti

#7 - #2 OR #3 OR #4 OR #5 OR #6

#8 - #1 AND #7

#9 - #8 AND ([article]/lim OR [article in press]/lim) AND [humans]/lim AND [english]/lim AND [2016-2019]/py NOT ([conference abstract]/lim OR [conference paper]/lim OR [editorial]/lim OR [erratum]/lim OR [letter]/lim OR [note]/lim OR [review]/lim OR [systematic review]/lim OR [meta analysis]/lim)

Cumulative Index of Nursing and Allied Health Literature (CINAHL Plus)

- Provider: EBSCOhost
- Date(s) Searched: September 5, 2019
- Date range searched: January 1, 2016 - September 31, 2019
- Search terms:

#1 - [mh “breast feeding”] OR “breast fed” OR “breast feed*” OR “bottle feed*” OR breastfeed* OR “bottle fed*” OR breastfed OR breastfeed* OR “breast feed” OR [mh “milk, human”] OR "breast milk" OR "human milk" OR "mother's milk" OR “mothers’ milk” OR “mother’s own milk” OR “mothers’ own milk” OR “maternal milk” OR breastmilk OR [mh “Bottle feeding”] OR [mh “infant formula”] OR “infant formula” OR “milk formula”

#2 - (mh "Allergy and Immunology") OR ((allerg* OR Hypersensitivit*) N4 (food* OR peanut* OR nut OR nuts OR egg* OR milk OR shellfish OR wheat OR dairy OR fish)) OR (mh "Food Hypersensitivity+") OR asthma* OR (mh "Rhinitis, Allergic") OR (allerg* N4 Rhiniti*) OR (mh "Dermatitis, Atopic") OR ((Dermatiti* OR eczema) N4 Atopic)) OR (Infant* N5 Eczema) OR (mh "Immunoglobulin E") OR "Immunoglobulin E"

#3 - (mh “Body Weights and Measures”) OR (mh “Body Weight”) OR obesity OR obese OR overweight OR “body mass index” OR BMI OR underweight OR wasting OR “healthy weight” OR (mh "Body Composition") OR “body composition” OR “body fat” OR “fat mass” OR “fat free mass” OR stunting OR stunted OR (mh "Growth Charts") OR growth chart* OR “waist circumference” OR “head circumference” OR “arm circumference” OR “thigh circumference” OR “neck circumference” OR (mh “Anthropometry”) OR (mh “Growth”) OR (mh “Overnutrition”) OR (mh “failure to thrive”) OR anthropometr* OR adiposity OR “calf circumference” OR “failure to thrive” OR “skin fold*” OR “skin fold*” OR “normal weight” OR “weight for age” OR “height for age” OR “recumbent length” OR “length for age” OR “weight for length”

#4 - (mh Micronutrients) OR micronutrient* OR (mh Anemia) OR (mh "Anemia, Iron-Deficiency") OR anemia OR anemic OR rickets OR hematocrit OR “25 hydroxyvitamin d” OR “25(oh)d” OR cobalamin OR holo-tc OR holotranscobalamin OR (mh Zinc) OR zinc OR (mh Iodine) OR iodine OR (mh Iron) OR iron OR hemoglobin* OR ferritin* OR transferrin* OR (mh "Vitamin B 12”) OR (mh "Vitamin B 12 Deficiency") OR “vitamin B” OR “vitamin b12” OR “vitamin b 12” OR (mh "Vitamin D") OR “vitamin d” OR (mh "Vitamin D Deficiency") OR “vitamin D*” OR (mh "Fatty Acids") OR fatty acid* OR saturated fat* OR (mh "Fatty Acids, Monounsaturated") OR monounsaturated fat* OR mono-unsaturated fat* OR polyunsaturated fat* OR poly-unsaturated fat* OR unsaturated fat* OR unsaturated fatty acid* OR (mh "Fatty Acids, Omega-3") OR omega-3* OR N-3 fatty acid* OR (mh “Fatty Acids, Omega-6") OR omega-6* OR N-6 fatty acid* OR MUFA* OR PUFA* OR “alpha-linolenic acid*” OR “eicosapentaenoic acid*” OR “docosahexaenoic acid*” OR “linoleic acid*” OR “alpha-linolenic acid*” OR “arachidonic acid*” OR (mh "Fats, Unsaturated") OR (((fat OR fatty) N4 (saturat* OR unsatur* OR monounsatur* OR polyunsatur* OR poly-unsatur* OR linolenic acid*)))))

#5 - (mh “Diabetes Mellitus”) OR (mh “Diabetes Mellitus, Type 2”) OR “Type 2 diabetes” OR T2D OR T1D OR homa-ir OR (mh “blood pressure”) OR (mh hypertension) OR (mh hyperlipidemias) OR hyperlipidemia* OR (mh thrombosis) OR “blood pressure” OR hdl OR ldl OR (mh “Diabetes Mellitus, Type 1”) OR “Type 1 diabetes” OR (mh “Prediabetic State”) OR prediabet* OR “pre diabet*” OR (mh “Insulin Resistance”) OR “insulin resistance” OR (mh “Glucose Intolerance”) OR “glucose intolerance” OR “glucose tolerance” OR (mh “Glycated Hemoglobin A”) OR “hemoglobin A1c” OR ((“impaired fasting” OR (mh “Diabetes Mellitus”)) N4 (glucose OR glycemi* OR “high blood sugar” OR “low blood sugar” OR (mh hyperglycemia) OR (mh hypoglycemia) OR hyperglycem* OR hypoglycem*)) OR (mh “Cardiovascular Diseases”) OR cardiovascular disease* OR coronary artery disease* OR heart disease* OR(mh “Heart Failure”) OR “heart failure” OR “myocardial infarction” OR (mh “Myocardial Ischemia”) OR “Myocardial Ischemia” OR (mh Stroke) OR stroke OR “heart attack” OR “venous thrombosis” OR hypertens* OR (mh “Lipids/BL”) OR “total cholesterol” OR (mh Triglycerides) OR triglycerides OR (mh “arterial occlusive diseases”)

#6 - (MH "Mental Disorders+") OR “mental disorder*” OR (MH "Cognition+") OR cognition OR cognitive OR metacognition OR neurocognitive OR neurodevelop* OR neurological OR “cognitive dysfunction” OR “depressive disorders OR (MH "Depression") OR depression OR (MH "Anxiety") OR anxiety OR (MH "Psychomotor Performance") OR motor skill* OR (MH "Executive Function") OR executive function* OR (MH "Attention Deficit Hyperactivity Disorder") OR attention deficit disorder* OR ADHD OR (MH "Child Behavior Disorders") OR developmental disorder* OR (MH "Autistic Disorder") OR autism OR Asperger OR “language processing” OR language delay* OR (MH "Child

Development") OR child develop* OR (MH "Developmental Disabilities") OR developmental delay* OR developmental disabilit* OR (MH "Motor Skills Disorders") OR motor skill* OR (MH "Problem Solving") OR developmental domain* OR “academic performance” OR “academic achievement” OR “academic failure” OR academic success*

#7 - #2 OR #3 OR #4 OR #5 OR #6

#8 - #1 AND #7

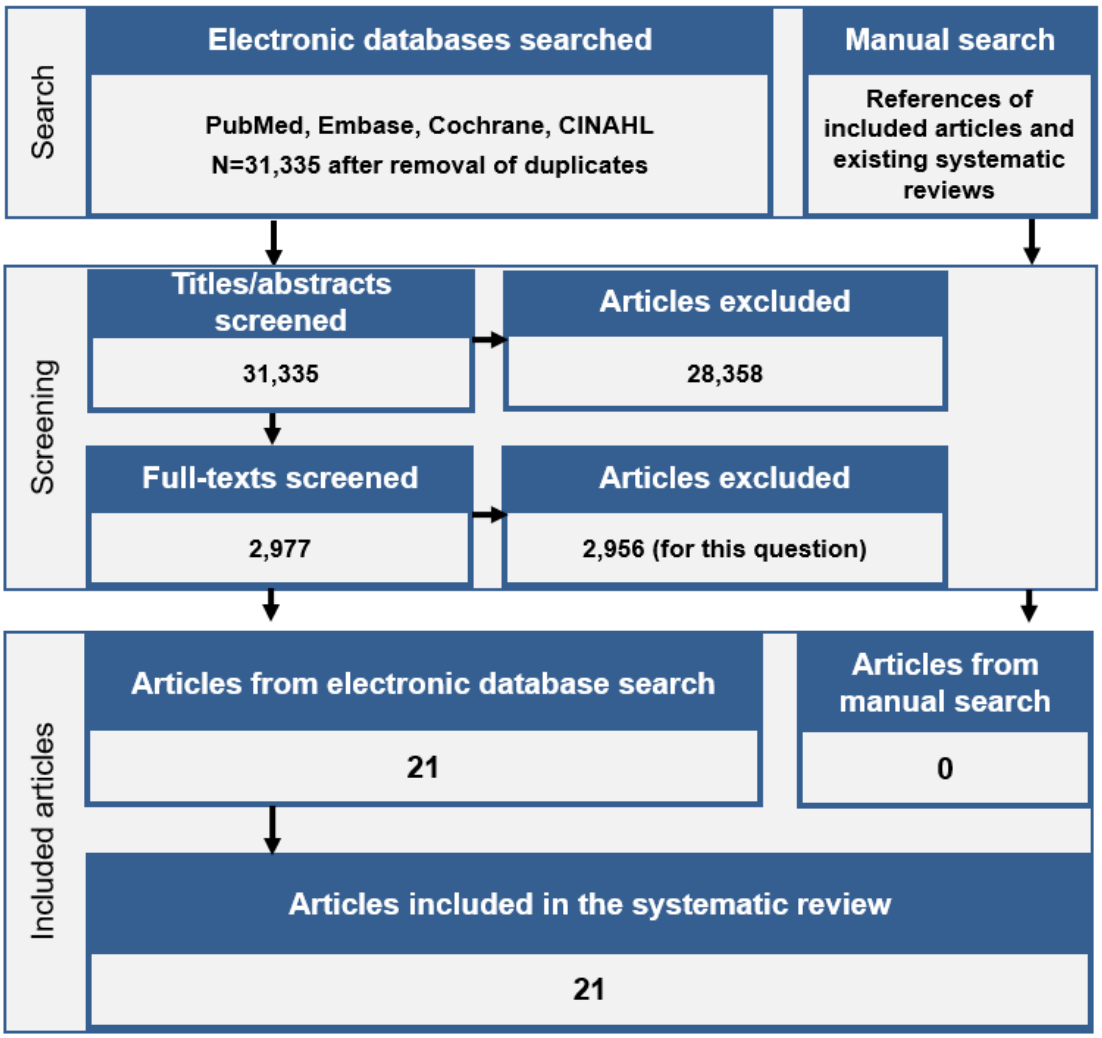
#9 - #8 NOT (MH "Literature Review" OR MH "Meta Analysis" OR MH "Systematic Review" OR MH "News" OR MH "Retracted Publication" OR MH "Retraction of Publication)

Filters: Published Date: 2016 to 2019, English Language; Human

LITERATURE SEARCH AND SCREENING RESULTS

Figure 2. Pregnancy and Birth to 24 Months Project literature search[xix]

The flow chart below illustrates the search and screening results for the first literature search. The results of the electronic database searches, after the removal of duplicates[xx], were screened independently by 2 NESR analysts using a step-wise process by reviewing titles and abstracts together, followed by full-texts, to determine which articles met the inclusion criteria. Refer to **Table 22** for the rationale for exclusion for each excluded full-text article. A manual search was done to find articles that were not identified when searching the electronic databases. Manually identified articles were also screened to determine whether they met criteria for inclusion.

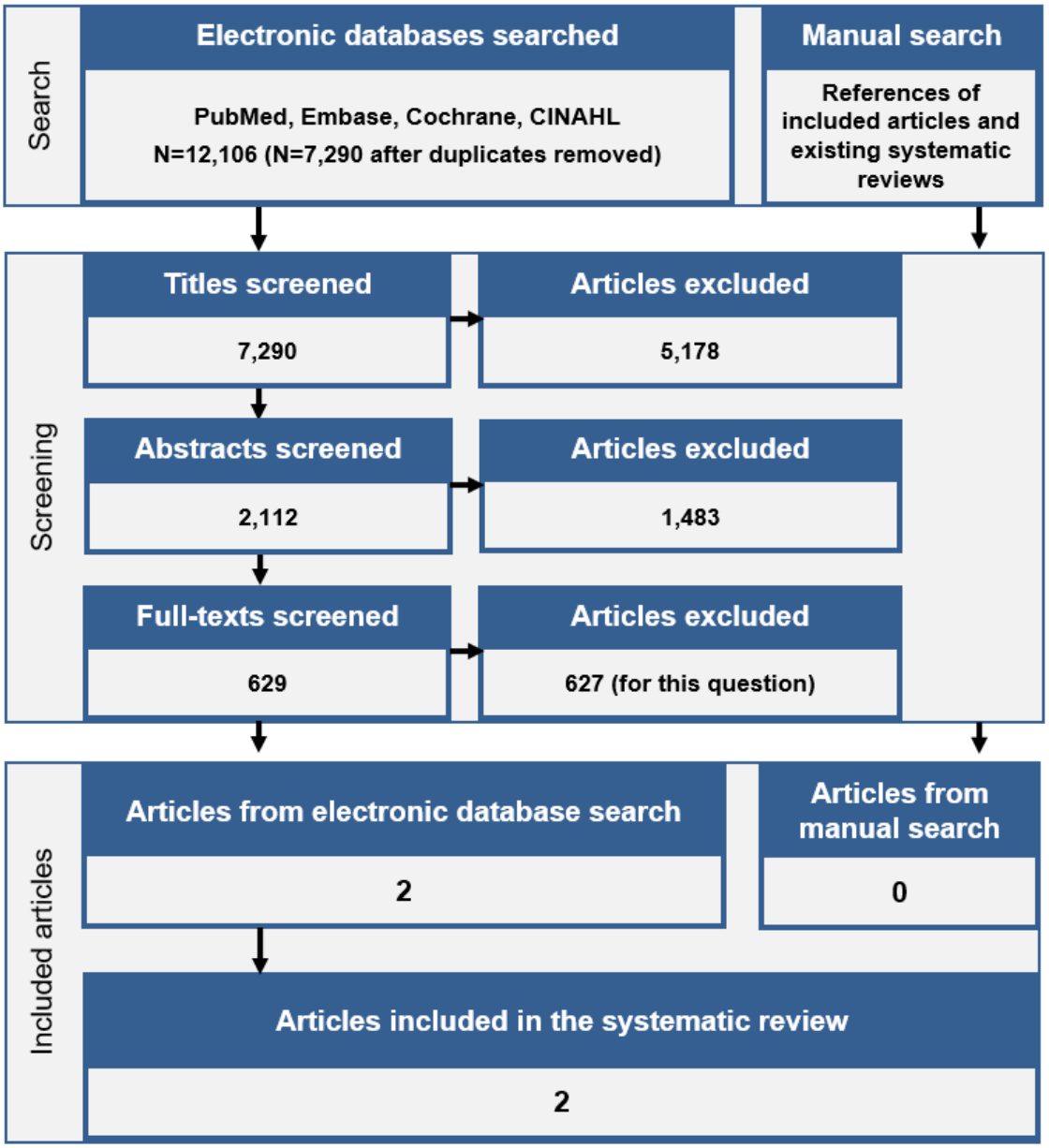


[xix] During the Pregnancy and Birth to 24 Months (P/B-24) Project, systematic review questions were defined to examine the relationships between human milk and infant formula consumption and several outcomes, and NESR used a single literature search to identify potential studies for the family of reviews (https://nesr.usda.gov/infant-milk-feeding-practices-technical-expert-collaborative). Some of the intended reviews, including micronutrient status, were not completed before the end of the Project. The 2020 Dietary Guidelines Advisory Committee, Birth to 24 Months Subcommittee, used and updated the literature search and screening underway from the P/B-24 Project according to the inclusion and exclusion criteria described herein.

[xx] The number of records the literature yielded prior to the removal of duplicates is unavailable.

Figure 3. Update to the Pregnancy and Birth to 24 Months Project literature search

The flow chart below illustrates the search and screening results for the second literature search. The results of the electronic database searches, after removal of duplicates, were screened independently by 2 NESR analysts using a step-wise process by reviewing titles, followed by abstracts, followed by full-texts, to determine which articles met the inclusion criteria. Refer to **Table 23** for the rationale for exclusion for each excluded full-text article. A manual search was done to find articles that were not identified when searching the electronic databases. Manually identified articles were also screened to determine whether they met criteria for inclusion.



Excluded articles

Table 22. Full-text exclusions, Pregnancy and Birth to 24 Months Project literature search[xxi]

The table below lists the articles excluded after full-text screening of the Pregnancy and Birth to 24 Months Project literature search. At least one reason for exclusion is provided for each article, though this may not reflect all possible reasons for exclusion. Information about articles excluded after title and abstract screening is available upon request.

	Full texts screened	Reason for exclusion
1	Aarts, C.,Kylberg, E.,Hofvander, Y.,Gebre-Medhin, M. (2003). Growth under privileged conditions of healthy Swedish infants exclusively breastfed from birth to 4-6 months: a longitudinal prospective study based on daily records of feeding Acta Paediatr, 92(2), 145-51	Size of study groups, Intervention/exposure
2	Abarin, T.,Yan Wu, Y.,Warrington, N.,Lye, S.,Pennell, C.,Briollais, L. (2012). The impact of breastfeeding on FTO-related BMI growth trajectories: an application to the Raine pregnancy cohort study Int J Epidemiol, 41(6), 1650-60	Intervention/exposure
3	Abdel-Hafeez, E. H.,Belal, U. S.,Abdellatif, M. Z. M.,Naoi, K.,Norose, K. (2013). Breast-feeding protects infantile diarrhea caused by intestinal protozoan infections Korean Journal of Parasitology, 51(5), 519-524	Participant health
4	Abdoll, G. S. (2001). Report on the nursing bottle caries campaign launched by the Free State Oral Health Services Sadj, 56(1), 32-3	Study design
5	Abdulmoneim, I.,Al-Ghamdi, S. A. (2001). Relationship between breast-feeding duration and acute respiratory infections in infants Saudi Med J, 22(4), 347-50	Study design, Participant health
6	Abdul-Razzak, K. K.,Ajlony, M. J.,Khoursheed, A. M.,Obeidat, B. A. (2011). Vitamin D deficiency among healthy infants and toddlers: a prospective study from Irbid, Jordan Pediatr Int, 53(6), 839-45	Study design, Intervention/exposure
7	Aberg, N.,Engstrom, I.,Lindberg, U. (1989). Allergic diseases in Swedish school children Acta Paediatr Scand, 78(2), 246-52	Study design
8	Abraham, E. C.,Godwin, J.,Sherriff, A.,Armstrong, J. (2012). Infant feeding in relation to eating patterns in the second year of life and weight status in the fourth year Public Health Nutr, 15(9), 1705-14	Outcome
9	Abuekteish, F.,Alwash, R.,Hassan, M.,Daoud, A. S. (1996). Prevalence of asthma and wheeze in primary school children in northern Jordan Ann Trop Paediatr, 16(3), 227-31	Study design
10	Abusaad, Fawzia E.,El-Gilany, Abdel-Hady (2011). Exclusive breastfeeding and infant morbidity in Sakaka City, Saudi Arabia Middle East Journal of Nursing, 5(6), 3-8 6p	Intervention/exposure, Outcome
11	Adgent, M. A.,Hoffman, K.,Goldman, B. D.,Sjodin, A.,Daniels, J. L. (2014). Brominated flame retardants in breast milk and behavioural and cognitive development at 36 months Paediatr Perinat Epidemiol, 28(1), 48-57	Intervention/exposure

[xxi] During the Pregnancy and Birth to 24 Months (P/B-24) Project, systematic review questions were defined to examine the relationships between human milk and infant formula consumption and several outcomes, and NESR used a single literature search to identify potential studies for the family of reviews (https://nesr.usda.gov/infant-milk-feeding-practices-technical-expert-collaborative). Some of the intended reviews, including micronutrient status, were not completed before the end of the Project. The 2020 Dietary Guidelines Advisory Committee, Birth to 24 Months Subcommittee, used and updated the literature search and screening underway from the P/B-24 Project according to the inclusion and exclusion criteria described herein.

	Full texts screened	Reason for exclusion
12	Adlakha, A. L.,Suchindran, C. M. (1985). Factors affecting infant and child mortality J Biosoc Sci, 17(4), 481-96	Study design
13	Agache, I.,Ciobanu, C. (2010). Risk factors and asthma phenotypes in children and adults with seasonal allergic rhinitis Phys Sportsmed, 38(4), 81-6	Study design, Size of study groups
14	Agarwal, D. K.,Agarwal, K. N.,Khare, B. B. (1985). Study on current status of infant and childhood feeding practices Indian Pediatr, 22(9), 716	Country, Study design
15	Agostoni, C. (2001). Breast-feeding, human milk, long-chain polyunsaturated fatty acids and development Dev Med Child Neurol Suppl, 86(#issue#), 8-9	Study design
16	Agostoni, C.,Fiocchi, A.,Riva, E.,Terracciano, L.,Sarratud, T.,Martelli, A.,Lodi, F.,D'Auria, E.,Zuccotti, G.,Giovannini, M. (2007). Growth of infants with IgE-mediated cow's milk allergy fed different formulas in the complementary feeding period Pediatr Allergy Immunol, 18(7), 599-606	Participant health, Intervention/exposure
17	Agostoni, C.,Grandi, F.,Gianni, M. L.,Silano, M.,Torcoletti, M.,Giovannini, M.,Riva, E. (1999). Growth patterns of breast fed and formula fed infants in the first 12 months of life: an Italian study Arch Dis Child, 81(5), 395-9	Outcome
18	Agostoni, C.,Grandi, F.,Scaglioni, S.,Gianni, M. L.,Torcoletti, M.,Radaelli, G.,Fiocchi, A.,Riva, E. (2000). Growth pattern of breastfed and nonbreastfed infants with atopic dermatitis in the first year of life Pediatrics, 106(5), E73	Intervention/exposure
19	Agostoni, C.,Marangoni, F.,Giovannini, M.,Galli, C.,Riva, E. (2001). Prolonged breast-feeding (six months or more) and milk fat content at six months are associated with higher developmental scores at one year of age within a breast-fed population Adv Exp Med Biol, 501(#issue#), 137-41	Size of study groups
20	Agostoni, C.,Marangoni, F.,Lammardo, A. M.,Giovannini, M.,Riva, E.,Galli, C. (2001). Breastfeeding duration, milk fat composition and developmental indices at 1 year of life among breastfed infants Prostaglandins Leukot Essent Fatty Acids, 64(2), 105-9	Outcome
21	Agostoni, C.,Riva, E.,Bellu, R.,Trojan, S.,Luotti, D.,Giovannini, M. (1994). Effects of diet on the lipid and fatty acid status of full-term infants at 4 months J Am Coll Nutr, 13(6), 658-64	Size of study groups
22	Agostoni, C.,Trojan, S.,Bellu, R.,Riva, E.,Giovannini, M. (1995). Neurodevelopmental quotient of healthy term infants at 4 months and feeding practice: the role of long-chain polyunsaturated fatty acids Pediatr Res, 38(2), 262-6	Outcome
23	Agras, W. S.,Kraemer, H. C.,Berkowitz, R. I.,Hammer, L. D. (1990). Influence of early feeding style on adiposity at 6 years of age J Pediatr, 116(5), 805-9	Size of study groups
24	Agras, W. S.,Kraemer, H. C.,Berkowitz, R. I.,Korner, A. F.,Hammer, L. D. (1987). Does a vigorous feeding style influence early development of adiposity? J Pediatr, 110(5), 799-804	Intervention/exposure
25	Agre, F. (1985). The relationship of mode of infant feeding and location of care to frequency of infection Am J Dis Child, 139(8), 809-11	Intervention/exposure
26	Ahn, C. H.,MacLean, W. C., Jr. (1980). Growth of the exclusively breast-fed infant Am J Clin Nutr, 33(2), 183-92	Study design, Intervention/exposure
27	Ahn, S. K.,Kam, S.,Chun, B. Y. (2014). Incidence of and factors for self-reported fragility fractures among middle-aged and elderly women in rural Korea: An 11-year follow-up study Journal of Preventive Medicine and Public Health, 47(6), 289-297	Participant age
28	Ajetunmobi, O. M.,Whyte, B.,Chalmers, J.,Tappin, D. M.,Wolfson, L.,Fleming, M.,MacDonald, A.,Wood, R.,Stockton, D. L. (2015). Breastfeeding is associated with reduced childhood hospitalization: evidence from a Scottish Birth Cohort (1997-2009) J Pediatr, 166(3), 620-5 e4	Intervention/exposure
29	Ajrouche, R.,Rudant, J.,Orsi, L.,Petit, A.,Baruchel, A.,Lambilliotte, A.,Gambart, M.,Michel, G.,Bertrand, Y.,Ducassou, S.,Gandemer, V.,Paillard, C.,Saumet, L.,Blin, N.,Hemon, D.,Clavel, J. (2015). Childhood acute lymphoblastic leukaemia and indicators of early immune stimulation: the Estelle study (SFCE) Br J Cancer, 112(6), 1017-26	Outcome

	Full texts screened	Reason for exclusion
30	Akeson, P. K.,Axelsson, I. E.,Raiha, N. C.,Warm, A.,Minoli, I.,Moro, G. (2000). Fat intake and metabolism in Swedish and Italian infants Acta Paediatr, 89(1), 28-33	Intervention/exposure
31	Akeson, P. M.,Axelsson, I. E.,Raiha, N. C. (1998). Growth and nutrient intake in three- to twelve-month-old infants fed human milk or formulas with varying protein concentrations J Pediatr Gastroenterol Nutr, 26(1), 1-8	Study design, Intervention/exposure, Size of study groups
32	Akeson, P. M.,Axelsson, I. E.,Raiha, N. C. (1999). Plasma lipids and apolipoproteins in breastfed and formula-fed Swedish infants Acta Paediatr, 88(1), 1-6	Outcome
33	Akkus, Z.,Camdeviren, H.,Celik, F.,Gur, A.,Nas, K. (2005). Determination of osteoporosis risk factors using a mutiple logistic regression model in postmenopausal Turkish women Saudi Medical Journal, 26(9), 1351-1359	Participant age
34	Al Mamun, A.,O'Callaghan, M. J.,Williams, G. M.,Najman, J. M.,Callaway, L.,McIntyre, H. D. (2015). Breastfeeding is protective to diabetes risk in young adults: a longitudinal study Acta Diabetol, 52(5), 837-44	Outcome
35	Al-Abbad, A. A.,Bella, H. (1990). Diarrhoea in the under-fives in a Saudi semiurban community Tropical and Geographical Medicine, 42(3), 233-237	Study design
36	al-Ali, F. M.,Hossain, M. M.,Pugh, R. N. (1997). The associations between feeding modes and diarrhoea among urban children in a newly developed country Public Health, 111(4), 239-43	Intervention/exposure
37	Alaluusua, S.,Lukinmaa, P. L.,Koskimies, M.,Pirinen, S.,Holtta, P.,Kallio, M.,Holttinen, T.,Salmenpera, L. (1996). Developmental dental defects associated with long breast feeding Eur J Oral Sci, 104(5-6), 493-7	Size of study groups
38	Alaluusua, S.,Myllarniemi, S.,Kallio, M.,Salmenpera, L.,Tainio, V. M. (1990). Prevalence of caries and salivary levels of mutans streptococci in 5-year-old children in relation to duration of breast feeding Scand J Dent Res, 98(3), 193-6	Outcome
39	Alam, S.,Ahmad, S. A.,Kumar, S. (2001). Dietary regimen for persistent diarrhea in infants under four months Indian Pediatr, 38(4), 396-400	Country
40	Al-Atawi, M. S.,Al-Alwan, I. A.,Al-Mutair, A. N.,Tamim, H. M.,Al-Jurayyan, N. A. (2009). Epidemiology of nutritional rickets in children Saudi J Kidney Dis Transpl, 20(2), 260-5	Study design
41	Alati, R.,Van Dooren, K.,Najman, J. M.,Williams, G. M.,Clavarino, A. (2009). Early weaning and alcohol disorders in offspring: biological effect, mediating factors or residual confounding? Addiction, 104(8), 1324-32	Outcome
42	Albert, R. J.,Cantin, R. Y.,Cross, H. G.,Castaldi, C. R. (1988). Nursing caries in the Inuit children of the Keewatin J Can Dent Assoc, 54(10), 751-8	Study design
43	al-Dashti, A. A.,Williams, S. A.,Curzon, M. E. (1995). Breast feeding, bottle feeding and dental caries in Kuwait, a country with low-fluoride levels in the water supply Community Dent Health, 12(1), 42-7	Study design
44	Alderete, T. L.,Autran, C.,Brekke, B. E.,Knight, R.,Bode, L.,Goran, M. I.,Fields, D. A. (2015). Associations between human milk oligosaccharides and infant body composition in the first 6 mo of life Am J Clin Nutr, 102(6), 1381-8	Intervention/exposure
45	Alexander, D. A. (2003). Breastfeeding study needs to be viewed in context...'Breastfeeding may increase the risk of asthma and allergies' (Specialty News Bulletin, December 2002) RN, 66(4), 10-10 1p	Publication status
46	Alexander, E. S.,Martin, L. J.,Collins, M. H.,Kottyan, L. C.,Sucharew, H.,He, H.,Mukkada, V. A.,Succop, P. A.,Abonia, J. P.,Foote, H.,Eby, M. D.,Grotjan, T. M.,Greenler, A. J.,Dellon, E. S.,Demain, J. G.,Furuta, G. T.,Gurian, L. E.,Harley, J. B.,Hopp, R. J.,Kagalwalla, A.,Kaul, A.,Nadeau, K. C.,Noel, R. J.,Putnam, P. E.,von Tiehl, K. F.,Rothenberg, M. E. (2014). Twin and family studies reveal strong environmental and weaker genetic cues explaining heritability of eosinophilic esophagitis J Allergy Clin Immunol, 134(5), 1084-1092 e1	Study design, Outcome
47	Alexy, U.,Kersting, M.,Sichert-Hellert, W.,Manz, F.,Schoch, G. (1998). Energy intake and growth of 3- to 36-month-old German infants and children Ann Nutr Metab, 42(2), 68-74	Study design

	Full texts screened	Reason for exclusion
48	Al-Farsi, Y. M.,Al-Sharbati, M. M.,Waly, M. I.,Al-Farsi, O. A.,Al-Shafaee, M. A.,Al-Khaduri, M. M.,Trivedi, M. S.,Deth, R. C. (2012). Effect of suboptimal breast-feeding on occurrence of autism: a case-control study Nutrition, 28(7-8), e27-32	Study design
49	Alho, O. P.,Koivu, M.,Sorri, M.,Rantakallio, P. (1990). Risk factors for recurrent acute otitis media and respiratory infection in infancy Int J Pediatr Otorhinolaryngol, 19(2), 151-61	Outcome
50	Alho, O. P.,Laara, E.,Oja, H. (1996). Public health impact of various risk factors for acute otitis media in northern Finland Am J Epidemiol, 143(11), 1149-56	Outcome
51	Alho, O. P.,Laara,,Oja, H. (1996). How should relative risk estimates for acute otitis media in children aged less than 2 years be perceived? J Clin Epidemiol, 49(1), 9-14	Intervention/exposure
52	Ali, M. B.,Ghenghesh, K. S.,Aissa, R. B.,Abuhelfaia, A.,Dufani, M. (2005). Etiology of childhood diarrhea in Zliten, Libya Saudi Med J, 26(11), 1759-65	Study design, Participant health
53	Al-Jassir, M. S.,El-Bashir, B. M.,Moizuddin, S. K. (2004). Surveillance of infant feeding practices in Riyadh city Ann Saudi Med, 24(2), 136-40	Study design, Outcome
54	Allen, J.,Hector, D. (2005). Benefits of breastfeeding New South Wales public health bulletin, 16(3-4), 42-46	Study design
55	Allen, L. H.,Rosado, J. L.,Casterline, J. E.,Martinez, H.,Lopez, P.,Munoz, E.,Black, A. K. (1995). Vitamin B-12 deficiency and malabsorption are highly prevalent in rural Mexican communities Am J Clin Nutr, 62(5), 1013-9	Intervention/exposure
56	Allen, N. B.,Lewinsohn, P. M.,Seeley, J. R. (1998). Prenatal and perinatal influences on risk for psychopathology in childhood and adolescence Dev Psychopathol, 10(3), 513-29	Study design
57	Alliet, P.,Scholtens, P.,Raes, M.,Hensen, K.,Jongen, H.,Rummens, J. L.,Boehm, G.,Vandenplas, Y. (2007). Effect of prebiotic galacto-oligosaccharide, long-chain fructo-oligosaccharide infant formula on serum cholesterol and triacylglycerol levels Nutrition, 23(10), 719-23	Size of study groups
58	Alm, B.,Aberg, N.,Erdes, L.,Mollborg, P.,Pettersson, R.,Norvenius, S. G.,Goksor, E.,Wennergren, G. (2009). Early introduction of fish decreases the risk of eczema in infants Arch Dis Child, 94(1), 11-5	Intervention/exposure
59	Alm, B.,Erdes, L.,Mollborg, P.,Pettersson, R.,Norvenius, S. G.,Aberg, N.,Wennergren, G. (2008). Neonatal antibiotic treatment is a risk factor for early wheezing Pediatrics, 121(4), 697-702	Outcome
60	Alm, B.,Norvenius, S. G.,Wennergren, G.,Lagercrantz, H.,Helweg-Larsen, K.,Irgens, L. M. (2000). Living conditions in early infancy in Denmark, Norway and Sweden 1992-95: results from the Nordic Epidemiological SIDS study Acta Paediatr, 89(2), 208-14	Study design
61	Alm, B.,Wennergren, G.,Norvenius, S. G.,Skjaerven, R.,Lagercrantz, H.,Helweg-Larsen, K.,Irgens, L. M. (2002). Breast feeding and the sudden infant death syndrome in Scandinavia, 1992-95 Arch Dis Child, 86(6), 400-2	Outcome
62	Almeida, R. M.,De Marins, V. M.,Valle, J. (1999). Breastfeeding, socio-economic conditions and nutritional status of children younger than 12 months in Brazil Ann Trop Paediatr, 19(3), 257-62	Study design
63	Al-Mousawi, M. S.,Lovel, H.,Behbehani, N.,Arifhodzic, N.,Woodcock, A.,Custovic, A. (2004). Asthma and sensitization in a community with low indoor allergen levels and low pet-keeping frequency J Allergy Clin Immunol, 114(6), 1389-94	Outcome
64	Almquist-Tangen, G.,Dahlgren, J.,Roswall, J.,Bergman, S.,Alm, B. (2013). Milk cereal drink increases BMI risk at 12 and 18 months, but formula does not Acta Paediatr, 102(12), 1174-9	Intervention/exposure
65	Al-Mustafa, Z. H.,Al-Madan, M.,Al-Majid, H. J.,Al-Muslem, S.,Al-Ateeq, S.,Al-Ali, A. K. (2007). Vitamin D deficiency and rickets in the Eastern Province of Saudi Arabia Ann Trop Paediatr, 27(1), 63-7	Outcome
66	Alper, C. M.,Winther, B.,Hendley, J. O.,Doyle, W. J. (2009). Cytokine polymorphisms predict the frequency of otitis media as a complication of rhinovirus and RSV infections in children Eur Arch Otorhinolaryngol, 266(2), 199-205	Outcome
67	Alper, C. M.,Winther, B.,Mandel, E. M.,Hendley, J. O.,Doyle, W. J. (2009). Rate of concurrent otitis media in upper respiratory tract infections with specific viruses Arch Otolaryngol Head Neck Surg, 135(1), 17-21	Study design

	Full texts screened	Reason for exclusion
68	Al-Qaoud, N.,Prakash, P. (2009). Breastfeeding and obesity among Kuwaiti preschool children Medical Principles and Practice, 18(2), 111-117	Study design
69	Al-Qaoud, N.,Prakash, P. (2009). 'Can breastfeeding and its duration determine the overweight status of Kuwaiti children at the age of 3-6 years?' Eur J Clin Nutr, 63(8), 1041-3	Study design
70	Al-Shehri, M. A.,Sadeq, A.,Quli, K. (2005). Bronchiolitis in Abha, Southwest Saudi Arabia: viral etiology and predictors for hospital admission West Afr J Med, 24(4), 299-304	Participant health
71	Al-Shehri, S. S.,Knox, C. L.,Liley, H. G.,Cowley, D. M.,Wright, J. R.,Henman, M. G.,Hewavitharana, A. K.,Charles, B. G.,Shaw, P. N.,Sweeney, E. L.,Duley, J. A. (2015). Breastmilk-Saliva Interactions Boost Innate Immunity by Regulating the Oral Microbiome in Early Infancy PLoS One, 10(9), e0135047	Intervention/exposure, Outcome
72	Althaus, B. W. (1999). Growth patterns of Hispanic and Caucasian children #journal#, Ph.D.(#issue#), 105 p-105 p 1p	Publication status
73	Altinkaynak, S.,Selimoglu, M. A.,Turgut, A.,Kilicaslan, B.,Ertekin, V. (2006). Breast-feeding duration and childhood acute leukemia and lymphomas in a sample of Turkish children Journal of Pediatric Gastroenterology and Nutrition, 42(5), 568-572	Intervention/exposure
74	Altucher, K.,Rasmussen, K. M.,Barden, E. M.,Habicht, J. P. (2005). Predictors of improvement in hemoglobin concentration among toddlers enrolled in the Massachusetts WIC Program J Am Diet Assoc, 105(5), 709-15	Study design, Intervention/exposure
75	Alvarado, B. E.,Zunzunegui, M. V.,Delisle, H.,Osorno, J. (2005). Growth trajectories are influenced by breast-feeding and infant health in an afro-colombian community J Nutr, 135(9), 2171-8	Intervention/exposure
76	Alvarado, R.,Zepeda, A.,Rivero, S.,Rico, N.,Lopez, S.,Diaz, S. (1999). Integrated maternal and infant health care in the postpartum period in a poor neighborhood in Santiago, Chile Stud Fam Plann, 30(2), 133-41	Outcome
77	Alves, J. G.,Figueira, F.,Nacul, L. C. (1999). Hospital induced malnutrition in infants: prevention by relactation Indian Pediatr, 36(5), 484-7	Participant health
78	Alves, J. G.,Figueiroa, J. N.,Meneses, J.,Alves, G. V. (2012). Breastfeeding protects against type 1 diabetes mellitus: a case-sibling study Breastfeed Med, 7(1), 25-8	Outcome
79	Amador, M.,Hermelo, M. P.,Canetti, J. E.,Consuegra, E. (1992). Adolescent mothers: do they breast-feed less? Acta Paediatr Hung, 32(3), 269-85	Study design
80	Amador-Licona, N.,Martinez-Cordero, C.,Guizar-Mendoza, J. M.,Malacara, J. M.,Hernandez, J.,Alcala, J. F. (2007). Catch-up growth in infants born small for gestational age--a longitudinal study J Pediatr Endocrinol Metab, 20(3), 379-86	Study design
81	Amaratunge, A.,Ekanayake, S. L. (1984). Rampant caries in Sri Lankan children. A pilot study Odontostomatol Trop, 7(3), 133-8	Size of study groups
82	Amigo, H.,Bustos, P.,Leone, C.,Radrigán, M. E. (2001). Community and international nutrition: Growth deficits in Chilean school children Journal of Nutrition, 131(2), 251-254	Intervention/exposure
83	Amorim Rde, J.,Coelho, A. F.,de Lira, P. I.,Lima Mde, C. (2014). Is breastfeeding protective for blood pressure in schoolchildren? A cohort study in northeast Brazil Breastfeed Med, 9(3), 149-56	Outcome
84	Ananthakrishnan, S.,Bhat, B. V.,Puri, R. K.,Srinivasan, S. (1992). Loose stools in the early neonatal period Indian Pediatr, 29(8), 1005-9	Country
85	Ancona, J.,Shaker, C. S.,Puhek, J.,Garland, J. S. (1998). Improving outcomes through a developmental approach to nipple feeding J Nurs Care Qual, 12(5), 1-4	Study design
86	Andersen, G. E. (1985). Changes in plasma lipoproteins from first day to third week of human life Prog Clin Biol Res, 188(#issue#), 87-91	Study design
87	Andersen, L. B.,Pipper, C. B.,Trolle, E.,Bro, R.,Larnkjaer, A.,Carlsen, E. M.,Molgaard, C.,Michaelsen, K. F. (2015). Maternal obesity and offspring dietary patterns at 9 months of age Eur J Clin Nutr, 69(6), 668-75	Intervention/exposure

	Full texts screened	Reason for exclusion
88	Anderson, G. H.,Morson-Pasut, L. A.,Bryan, H.,Cleghorn, G.,Tanaka, P.,Yeung, D.,Zimmerman, B. (1985). Age of introduction of cow's milk to infants J Pediatr Gastroenterol Nutr, 4(5), 692-8	Study design
89	Anderson, J. E.,Marks, J. S.,Park, T. K. (1984). Breast-feeding, birth interval, and infant health Pediatrics, 74(4 Pt 2), 695-701	Study design
90	Anderson, J.,Hayes, D.,Chock, L. (2014). Characteristics of overweight and obesity at age two and the association with breastfeeding in Hawai'i Women, Infants, and Children (WIC) participants Matern Child Health J, 18(10), 2323-31	Outcome
91	Anderson, K. (2001). The sweet and sour of pediatric caries CDS Rev, 94(7), 16-9	Study design
92	Anderson, L. J.,Parker, R. A.,Strikas, R. A.,Farrar, J. A.,Gangarosa, E. J.,Keyserling, H. L.,Sikes, R. K. (1988). Day-care center attendance and hospitalization for lower respiratory tract illness Pediatrics, 82(3), 300-308	Outcome
93	Anderson, P. O.,Valdes, V. (2015). Variation of milk intake over time: clinical and pharmacokinetic implications Breastfeed Med, 10(3), 142-4	Study design, Outcome
94	Andersson, M.,Aeberli, I.,Wust, N.,Piacenza, A. M.,Bucher, T.,Henschen, I.,Haldimann, M.,Zimmermann, M. B. (2010). The Swiss iodized salt program provides adequate iodine for school children and pregnant women, but weaning infants not receiving iodine-containing complementary foods as well as their mothers are iodine deficient J Clin Endocrinol Metab, 95(12), 5217-24	Study design, Intervention/exposure
95	Andreev, A.,Arjas, E. (1998). Acute middle ear infection in small children: a Bayesian analysis using multiple time scales Lifetime Data Anal, 4(2), 121-37	Study design
96	Andres, A.,Casey, P. H.,Cleves, M. A.,Badger, T. M. (2013). Body fat and bone mineral content of infants fed breast milk, cow's milk formula, or soy formula during the first year of life J Pediatr, 163(1), 49-54	Intervention/exposure
97	Andres, A.,Cleves, M. A.,Bellando, J. B.,Pivik, R. T.,Casey, P. H.,Badger, T. M. (2012). Developmental status of 1-year-old infants fed breast milk, cow's milk formula, or soy formula Pediatrics, 129(6), 1134-40	Intervention/exposure
98	Anfield, L. (1985). Nutrition in the first year Midwife Health Visit Community Nurse, 21(5), 161-4	Study design
99	Angelsen, N. K.,Vik, T.,Jacobsen, G.,Bakketeig, L. S. (2001). Breast feeding and cognitive development at age 1 and 5 years Arch Dis Child, 85(3), 183-8	Outcome
100	Angulo, N.,de Szarvas, S. B.,Guevara, H.,Mathison, Y.,González, D.,Hernández, A. (2014). Lifestyle of a group of obese children located in Valencia Salus, 18(1), 25-31	Language
101	Angurana, S. K.,Angurana, R. S.,Mahajan, G.,Kumar, N.,Mahajan, V. (2014). Prevalence of vitamin D deficiency in apparently healthy children in north India J Pediatr Endocrinol Metab, 27(11-12), 1151-6	Country
102	Anholm, P. C. (1986). Breastfeeding: a preventive approach to health care in infancy Issues Compr Pediatr Nurs, 9(1), 1-10	Study design
103	Aniansson, G.,Alm, B.,Andersson, B.,Hakansson, A.,Larsson, P.,Nylen, O.,Peterson, H.,Rigner, P.,Svanborg, M.,Sabharwal, H.,et al, (1994). A prospective cohort study on breast-feeding and otitis media in Swedish infants Pediatr Infect Dis J, 13(3), 183-8	Outcome
104	Annamalay, A. A.,Khoo, S. K.,Jacoby, P.,Bizzintino, J.,Zhang, G.,Chidlow, G.,Lee, W. M.,Moore, H. C.,Harnett, G. B.,Smith, D. W.,Gern, J. E.,LeSouef, P. N.,Laing, I. A.,Lehmann, D. (2012). Prevalence of and risk factors for human rhinovirus infection in healthy aboriginal and non-aboriginal Western Australian children Pediatr Infect Dis J, 31(7), 673-9	Outcome
105	Ansari-Moghaddam, A.,Sadeghi-Bojd, S.,Imani, M.,Movahedinia, S.,Pourrashidi, A.,Mohammadi, M. (2014). A multivariate analysis of factors associated with infant mortality in South-East of Iran J Pak Med Assoc, 64(10), 1123-6	Outcome
106	Apostolopoulos, K.,Xenelis, J.,Tzagaroulakis, A.,Kandiloros, D.,Yiotakis, J.,Papafragou, K. (1998). The point prevalence of otitis media with effusion among school children in Greece International Journal of Pediatric Otorhinolaryngology, 44(3), 207-214	Study design
107	Apps, J. R.,Beattie, R. M. (2009). Cow's milk allergy in children BMJ, 339(#issue#), b2275	Study design
108	Araujo, C. L.,Victora, C. G.,Hallal, P. C.,Gigante, D. P. (2006). Breastfeeding and overweight in childhood: evidence from the Pelotas 1993 birth cohort study Int J Obes (Lond), 30(3), 500-6	Outcome

	Full texts screened	Reason for exclusion
109	Araujo, D. S.,Marquezin, M. C.,Barbosa, T. S.,Gaviao, M. B.,Castelo, P. M. (2015). Evaluation of masticatory parameters in overweight and obese children Eur J Orthod, #volume#(#issue#), #Pages#	Study design
110	Arica, S.,Arica, V.,Dag, H.,Kaya, A.,Hatipoglu, S.,Fenercioglu, A.,Karatekin, G. (2011). Serum zinc levels in children of 0-24 months diagnosed with pneumonia admitted to our clinic International Journal of Clinical and Experimental Medicine, 4(3), 227-233	Participant health, Intervention/exposure, Size of study groups
111	Arimond, M.,Daelmans, B.,Dewey, K. (2008). Indicators for feeding practices in children Lancet, 371(9612), 541-2	Study design
112	Aris, I. M.,Soh, S. E.,Tint, M. T.,Saw, S. M.,Rajadurai, V. S.,Godfrey, K. M.,Gluckman, P. D.,Yap, F.,Chong, Y. S.,Lee, Y. S. (2015). Associations of infant milk feed type on early postnatal growth of offspring exposed and unexposed to gestational diabetes in utero Eur J Nutr, #volume#(#issue#), #Pages#	Intervention/exposure
113	Arlette, J. P. (1982). Zinc deficiency in children Int J Dermatol, 21(8), 447-8	Study design
114	Armstrong, J.,Reilly, J. J. (2002). Breastfeeding and lowering the risk of childhood obesity Lancet, 359(9322), 2003-4	Outcome
115	Arnon, S. S.,Damus, K.,Thompson, B.,Midura, T. F.,Chin, J. (1982). Protective role of human milk against sudden death from infant botulism J Pediatr, 100(4), 568-73	Size of study groups, Intervention/exposure
116	Aronsson, C. A.,Lee, H. S.,Koletzko, S.,Uusitalo, U.,Yang, J.,Virtanen, S. M.,Liu, E.,Lernmark, A.,Norris, J. M.,Agardh, D. (2015). Effects of Gluten Intake on Risk of Celiac Disease: A Case-Control Study on a Swedish Birth Cohort Clin Gastroenterol Hepatol, #volume#(#issue#), #Pages#	Outcome
117	Arora, N. K.,Bhan, M. K. (1991). Nutritional management of acute diarrhea Indian J Pediatr, 58(6), 763-7	Country, Study design
118	Arshad, S. H.,Bateman, B.,Matthews, S. M. (2003). Primary prevention of asthma and atopy during childhood by allergen avoidance in infancy: a randomised controlled study Thorax, 58(6), 489-93	Intervention/exposure
119	Arshad, S. H.,Bateman, B.,Sadeghnejad, A.,Gant, C.,Matthews, S. M. (2007). Prevention of allergic disease during childhood by allergen avoidance: the Isle of Wight prevention study J Allergy Clin Immunol, 119(2), 307-13	Intervention/exposure
120	Arton M (1985). Breast feeding--a life-saver in the Third World Midwives Chron, 98(#issue#), 200-1	Study design
121	Aryayev, N.,Kukushkin, V. (2002). The perinatal risk factors of sudden infant death syndrome Perinatology, 4(3), 125-133	Publication status
122	Aryayev, N.,Kukushkin, V.,Nepomyashcha, V. (2001). The significance of ante- and perinatal periods for formation of risk of sudden infant death syndrome Ginekologia polska, 72(12), 931-939	Outcome
123	Asaka, A.,Imaizumi, Y.,Inouye, E. (1981). Analysis of multiple births in Japan. V. Effects of gestational age, maternal age and other factors on growth rate of weight in twins Jinrui Idengaku Zasshi, 26(2), 83-90	Study design
124	Ascher, H.,Krantz, I.,Rydberg, L.,Nordin, P.,Kristiansson, B. (1997). Influence of infant feeding and gluten intake on coeliac disease Arch Dis Child, 76(2), 113-7	Size of study groups
125	Asha Bai, P. V.,Leela, M.,Subramaniam, V. R. (1980). Adequacy of breast milk for optimal growth of infants Trop Geogr Med, 32(2), 158-62	Country
126	Ashraf, A. P.,Eason, N. B.,Kabagambe, E. K.,Haritha, J.,Meleth, S.,McCormick, K. L. (2010). Dietary iron intake in the first 4 months of infancy and the development of type 1 diabetes: A pilot study Diabetology and Metabolic Syndrome, 2(1), #Pages#	Study design
127	Askie, L.,Martin, A.,Espinoza, D.,Campbell, K.,Daniels, L. A.,Hesketh, K.,Margarey, A.,Rissel, C.,Taylor, B.,Taylor, R.,Wen, L. M.,Baur, L. A. (2014). What does the EPOCH (early prevention of obesity in childhood) prospective meta-analysis tell us about early life obesity prevention? Obesity research & clinical practice, 8(#issue#), 3-4	Publication status
128	Assuncao, M. L.,Ferreira, H. S.,Coutinho, S. B.,Santos, L. M.,Horta, B. L. (2015). Protective effect of breastfeeding against overweight can be detected as early as the second year of life: a study of children from one of the most socially-deprived areas of Brazil J Health Popul Nutr, 33(1), 85-91	Study design, Intervention/exposure

	Full texts screened	Reason for exclusion
129	Astarita, C.,Harris, R. I.,de Fusco, R.,Franzese, A.,Biscardi, D.,Mazzacca, F. R.,Altucci, P. (1988). An epidemiological study of atopy in children Clin Allergy, 18(4), 341-50	Study design
130	Atkins, L. A.,McNaughton, S. A.,Campbell, K. J.,Szymlek-Gay, E. A. (2015). Iron intakes of Australian infants and toddlers: findings from the Melbourne Infant Feeding, Activity and Nutrition Trial (InFANT) Program Br J Nutr, #volume#(#issue#), 1-9	Outcome
131	Atladottir, H.,Thorsdottir, I. (2000). Energy intake and growth of infants in Iceland-a population with high frequency of breast-feeding and high birth weight Eur J Clin Nutr, 54(9), 695-701	Intervention/exposure
132	Auerbach, K. G.,Renfrew, M. J.,Minchin, M. (1991). Infant feeding comparisons: a hazard to infant health? J Hum Lact, 7(2), 63-8	Study design
133	Auestad, N.,Halter, R.,Hall, R. T.,Blatter, M.,Bogle, M. L.,Burks, W.,Erickson, J. R.,Fitzgerald, K. M.,Dobson, V.,Innis, S. M.,Singer, L. T.,Montalto, M. B.,Jacobs, J. R.,Qiu, W.,Bornstein, M. H. (2001). Growth and development in term infants fed long-chain polyunsaturated fatty acids: a double-masked, randomized, parallel, prospective, multivariate study Pediatrics, 108(2), 372-81	Intervention/exposure
134	Auestad, N.,Montalto, M. B.,Hall, R. T.,Fitzgerald, K. M.,Wheeler, R. E.,Connor, W. E.,Neuringer, M.,Connor, S. L.,Taylor, J. A.,Hartmann, E. E. (1997). Visual acuity, erythrocyte fatty acid composition, and growth in term infants fed formulas with long chain polyunsaturated fatty acids for one year. Ross Pediatric Lipid Study Pediatr Res, 41(1), 1-10	Intervention/exposure
135	Auestad, N.,Scott, D. T.,Janowsky, J. S.,Jacobsen, C.,Carroll, R. E.,Montalto, M. B.,Halter, R.,Qiu, W.,Jacobs, J. R.,Connor, W. E.,Connor, S. L.,Taylor, J. A.,Neuringer, M.,Fitzgerald, K. M.,Hall, R. T. (2003). Visual, cognitive, and language assessments at 39 months: a follow-up study of children fed formulas containing long-chain polyunsaturated fatty acids to 1 year of age Pediatrics, 112(3 Pt 1), e177-83	Intervention/exposure
136	Auricchio, S.,Follo, D.,de Ritis, G.,Giunta, A.,Marzorati, D.,Prampolini, L.,Ansaldi, N.,Levi, P.,Dall'Olio, D.,Bossi, A.,et al, (1983). Does breast feeding protect against the development of clinical symptoms of celiac disease in children? J Pediatr Gastroenterol Nutr, 2(3), 428-33	Outcome
137	Avoa, A.,Fischer, P. R. (1990). The influence of perinatal instruction about breast-feeding on neonatal weight loss Pediatrics, 86(2), 313-5	Country
138	Awasthi, S.,Misra, P. K.,Malik, G. K. (1987). Adequacy of breast milk Indian Pediatr, 24(10), 873-7	Country
139	Axelsson, I. E.,Ivarsson, S. A.,Raiha, N. C. (1989). Protein intake in early infancy: effects on plasma amino acid concentrations, insulin metabolism, and growth Pediatr Res, 26(6), 614-7	Size of study groups, Intervention/exposure
140	Axelsson, I.,Borulf, S.,Righard, L.,Raiha, N. (1987). Protein and energy intake during weaning: I. Effects on growth Acta Paediatr Scand, 76(2), 321-7	Size of study groups
141	Ayatollahi, S. M.,Sharafi, Z.,Haem, E. (2015). Child Weight Growth Chart and Its Associated Factors in Birth Cohort of Maku Using a Growth Curve Model and LMS Method Glob J Health Sci, 7(6), 44045	Size of study groups
142	Aydemir, G.,Ozkurt, F. E. (2011). Otitis media with effusion in primary schools in Princes' Islands, Istanbul: Prevalence and risk factors Journal of International Medical Research, 39(3), 866-872	Study design
143	Ayer, J. G.,Belousova, E.,Harmer, J. A.,David, C.,Marks, G. B.,Celermajer, D. S. (2011). Maternal cigarette smoking is associated with reduced high-density lipoprotein cholesterol in healthy 8-year-old children Eur Heart J, 32(19), 2446-53	Intervention/exposure
144	Azizi, B. H.,Zulkifli, H. I.,Kasim, M. S. (1995). Protective and risk factors for acute respiratory infections in hospitalized urban Malaysian children: a case control study Southeast Asian J Trop Med Public Health, 26(2), 280-5	Study design, Size of study groups
145	Babeely, K.,Kaste, L. M.,Husain, J.,Behbehani, J.,al-Za'abi, F.,Maher, T. C.,Tavares, M.,Soparkar, P.,DePaola, P. (1989). Severity of nursing-bottle syndrome and feeding patterns in Kuwait Community Dent Oral Epidemiol, 17(5), 237-9	Study design, Intervention/exposure
146	Backon, J. (1984). Prolonged breast feeding as a prophylaxis for recurrent otitis media: relevance of prostaglandins Med Hypotheses, 13(2), 161	Publication status

	Full texts screened	Reason for exclusion
147	Bacopoulou, F.,Veltsista, A.,Vassi, I.,Gika, A.,Lekea, V.,Priftis, K.,Bakoula, C. (2009). Can we be optimistic about asthma in childhood? A Greek cohort study J Asthma, 46(2), 171-4	Intervention/exposure
148	Badger, T. (2013). Effects of soy infant formula on growth and development in the first year of life Food Nutr Bull, 34(2), 252-3	Study design, Intervention/exposure
149	Badger, Thomas M. (2014). STUDY SUGGESTS SOY FORMULA MAY BE GOOD CHOICE FOR SOME INFANTS JAAPA: Journal of the American Academy of Physician Assistants (Lippincott Williams & Wilkins), 27(5), 1-3 3p	Publication status
150	Bagnoli, F.,Casucci, M.,Toti, S.,Cecchi, S.,Iurato, C.,Coriolani, G.,Tiezzi, M.,Vispi, L. (2013). Is vitamin D supplementation necessary in healthy full-term breastfed infants? A follow-up study of bone mineralization in healthy full-term infants with and without supplemental vitamin D Minerva Pediatr, 65(3), 253-60	Size of study groups
151	Baheiraei, A.,Ardsetani, N.,Ghazizadeh, Sh (2001). Effects of progestogen-only contraceptives on breast-feeding and infant growth International Journal of Gynecology and Obstetrics, 74(2), 203-205	Intervention/exposure
152	Bahl, R.,Frost, C.,Kirkwood, B. R.,Edmond, K.,Martines, J.,Bhandari, N.,Arthur, P. (2005). Infant feeding patterns and risks of death and hospitalization in the first half of infancy: multicentre cohort study Bull World Health Organ, 83(6), 418-26	Outcome
153	Bai, K. I.,Sastry, V. N.,Reddy, C. C. (1981). A comparative study of feeding pattern of infants in rural and urban areas Indian J Pediatr, 48(392), 277-80	Country
154	Bailey W (1981). Malnutrition among babies born to adolescent mothers West Indian Med J, 30(#issue#), 72-6	Participant health, Outcomes
155	Bailey, P.,Tsui, A. O.,Janowitz, B.,Dominik, R.,Araujo, L. (1990). A study of infant mortality and causes of death in a rural north-east Brazilian community J Biosoc Sci, 22(3), 349-63	Outcome
156	Bailey, W. (1981). Clinical undernutrition in the Kingston/St Andrew metropolitan area: 1967-1976 Soc Sci Med D, 15(4), 471-7	Study design, Outcome
157	Bainbridge, J. (2008). Higher IQs for breastfed babies British Journal of Midwifery, 16(6), 394-394 1p	Study design
158	Bainbridge, J. (2009). Breastfed babies less likely to become overweight children British Journal of Midwifery, 17(6), 393-393 1p	Study design
159	Baird, J.,Poole, J.,Robinson, S.,Marriott, L.,Godfrey, K.,Cooper, C.,Inskip, H.,Law, C. (2008). Milk feeding and dietary patterns predict weight and fat gains in infancy Paediatr Perinat Epidemiol, 22(6), 575-86	Outcome
160	Baker, D.,Taylor, H.,Henderson, J. (1998). Inequality in infant morbidity: Causes and consequences in England in the 1990s Journal of Epidemiology and Community Health, 52(7), 451-458	Outcome
161	Baker, D.,Taylor, H.,Henderson, J. (1998). Inequality in infant morbidity: causes and consequences in England in the 1990s. ALSPAC Study Team. Avon Longitudinal Study of Pregnancy and Childhood J Epidemiol Community Health, 52(7), 451-8	Outcome
162	Baker, J. L.,Michaelsen, K. F.,Rasmussen, K. M.,Sorensen, T. I. (2004). Maternal prepregnant body mass index, duration of breastfeeding, and timing of complementary food introduction are associated with infant weight gain Am J Clin Nutr, 80(6), 1579-88	Outcome
163	Baker, R. J.,Hertz-Picciotto, I.,Dostal, M.,Keller, J. A.,Nozicka, J.,Kotesovec, F.,Dejmek, J.,Loomis, D.,Sram, R. J. (2006). Coal home heating and environmental tobacco smoke in relation to lower respiratory illness in Czech children, from birth to 3 years of age Environ Health Perspect, 114(7), 1126-32	Outcome
164	Bakker, E. C.,van Houwelingen, A. C.,Hornstra, G. (1999). Early nutrition, essential fatty acid status and visual acuity of term infants at 7 months of age Eur J Clin Nutr, 53(11), 872-9	Study design
165	Balaban, G.,Motta, M. E.,Silva, G. A. (2010). Early weaning and other potential risk factors for overweight among preschool children Clinics (Sao Paulo), 65(2), 181-7	Study design
166	Balasubramanian S (2011). Vitamin D deficiency in breastfed infants & the need for routine vitamin D supplementation Indian J Med Res, 133(#issue#), 250-2	Study design
167	Ball, T. M.,Wright, A. L. (1999). Health care costs of formula-feeding in the first year of life Pediatrics, 103(4 Pt 2), 870-6	Outcome

	Full texts screened	Reason for exclusion
168	Bammann, K.,Peplies, J.,De Henauw, S.,Hunsberger, M.,Molnar, D.,Moreno, L. A.,Tornaritis, M.,Veidebaum, T.,Ahrens, W.,Siani, A. (2014). Early life course risk factors for childhood obesity: the IDEFICS case-control study PLoS One, 9(2), e86914	Study design
169	Bandara, T.,Hettiarachchi, M.,Liyanage, C.,Amarasena, S. (2015). Current infant feeding practices and impact on growth in babies during the second half of infancy J Hum Nutr Diet, 28(4), 366-74	Study design
170	Bandoli, G.,von Ehrenstein, O. S.,Flores, M. E.,Ritz, B. (2015). Breastfeeding and Asthmatic Symptoms in The Offspring of Latinas: The Role of Maternal Nativity J Immigr Minor Health, 17(6), 1739-45	Study design
171	Bandurska-Stankiewicz, E.,Rutkowska, J. (2008). Environmental risk factors for type 1 diabetes in the north of Poland Diabetologia Doswiadczalna i Kliniczna, 8(2), 81-84	Study design
172	Banerji, A.,Greenberg, D.,White, L. F.,Macdonald, W. A.,Saxton, A.,Thomas, E.,Sage, D.,Mamdani, M.,Lanctot, K. L.,Mahony, J. B.,Dingle, M.,Roberts, A. (2009). Risk factors and viruses associated with hospitalization due to lower respiratory tract infections in Canadian Inuit children : a case-control study Pediatr Infect Dis J, 28(8), 697-701	Outcome
173	Bankel, M.,Robertson, A.,Kohler, B. (2011). Carious lesions and caries risk predictors in a group of Swedish children 2 to 3 years of age. One year observation Eur J Paediatr Dent, 12(4), 215-9	Study design, Size of study groups
174	Baranowski, T.,Bryan, G. T.,Harrison, J. A.,Rassin, D. K.,Greaves, K. A.,Baranowski, J. H. (1992). Height, infant-feeding practices and cardiovascular functioning among 3 or 4 year old children in three ethnic groups J Clin Epidemiol, 45(5), 513-8	Study design
175	Baranowski, T.,Bryan, G. T.,Rassin, D. K.,Harrison, J. A.,Henske, J. C. (1990). Ethnicity, infant-feeding practices, and childhood adiposity J Dev Behav Pediatr, 11(5), 234-9	Study design
176	Barge, K. (2007). Breast-feeding doesn't contribute to dental caries J Dent Hyg, 81(4), 69	Study design
177	Barness LA (1983). Impact of breast feeding--obviating problems J Fla Med Assoc, 70(#issue#), 831-2	Study design
178	Baron, S.,Turck, D.,Leplat, C.,Merle, V.,Gower-Rousseau, C.,Marti, R.,Yzet, T.,Lerebours, E.,Dupas, J. L.,Debeugny, S.,Salomez, J. L.,Cortot, A.,Colombel, J. F. (2005). Environmental risk factors in paediatric inflammatory bowel diseases: a population based case control study Gut, 54(3), 357-63	Outcome
179	Barreto, B. A.,Sole, D. (2014). Prevalence of asthma and associated factors in adolescents living in Belem (Amazon region), Para, Brazil Allergol Immunopathol (Madr), 42(5), 427-32	Study design
180	Barros, F. C.,Rossello, J. L.,Matijasevich, A.,Dumith, S. C.,Barros, A. J.,dos Santos, I. S.,Mota, D.,Victora, C. G. (2012). Gestational age at birth and morbidity, mortality, and growth in the first 4 years of life: findings from three birth cohorts in Southern Brazil BMC Pediatr, 12(#issue#), 169	Intervention/exposure
181	Barros, F. C.,Semer, T. C.,Tonioli Filho, S.,Tomasi, E.,Victora, C. G. (1995). The impact of lactation centres on breastfeeding patterns, morbidity and growth: a birth cohort study Acta Paediatr, 84(11), 1221-6	Outcome
182	Barros, F. C.,Victora, C. G.,Morris, S. S.,Halpern, R.,Horta, B. L.,Tomasi, E. (1997). Breast feeding, pacifier use and infant development at 12 months of age: a birth cohort study in Brazil Paediatr Perinat Epidemiol, 11(4), 441-50	Outcome
183	Barros, F. C.,Victora, C. G.,Vaughan, J. P.,Tomasi, E.,Horta, B. L.,Cesar, J. A.,Menezes, M. B.,Halpern, R.,Post, C. L.,del Mar Garcia, M. (2001). The epidemiological transition in maternal and child health in a Brazilian city, 1982-93: a comparison of two population-based cohorts Paediatr Perinat Epidemiol, 15(1), 4-11	Outcome
184	Barroso, C. S.,Roncancio, A.,Hinojosa, M. B.,Reifsnider, E. (2012). The association between early childhood overweight and maternal factors Child Obes, 8(5), 449-54	Study design, Size of study groups
185	Barsam, F. J.,Borges, G. S.,Severino, A. B.,de Mello, L. M.,da Silva, A. S.,Nunes, A. A. (2013). Factors associated with community-acquired pneumonia in hospitalised children and adolescents aged 6 months to 13 years old Eur J Pediatr, 172(4), 493-9	Outcome
186	Bartels, M.,van Beijsterveldt, C. E.,Boomsma, D. I. (2009). Breastfeeding, maternal education and cognitive function: a prospective study in twins Behav Genet, 39(6), 616-22	Outcome

	Full texts screened	Reason for exclusion
187	Bartok, C. J. (2011). Babies fed breastmilk by breast versus by bottle: a pilot study evaluating early growth patterns Breastfeed Med, 6(3), 117-24	Size of study groups
188	Barton, S. J.,Howard, P. K.,Rayens, M. K. (2002). The effects of infant feeding decisions on infant growth J Spec Pediatr Nurs, 7(2), 64-70	Size of study groups
189	Basheer, R. (1988). Breast is best Nurs J India, 79(7), 180, 190	Study design
190	Bassal, R.,Reisfeld, A.,Nissan, I.,Agmon, V.,Taran, D.,Schemberg, B.,Cohen, D.,Shohat, T. (2014). Risk factors for sporadic infection with Salmonella Infantis: a matched case-control study Epidemiol Infect, 142(4), 820-5	Size of study groups, Outcome
191	Batstra, L.,Neeleman, J.,Hadders-Algra, M. (2003). Can breast feeding modify the adverse effects of smoking during pregnancy on the child's cognitive development? J Epidemiol Community Health, 57(6), 403-4	Study design
192	Bauer, G.,Ewald, L. S.,Hoffman, J.,Dubanoski, R. (1991). Breastfeeding and cognitive development of three-year-old children Psychol Rep, 68(3 Pt 2), 1218	Study design
193	Baumgartner, C. (1984). Psychomotor and social development of breast-fed and bottle-fed babies during their first year of life Acta Paediatr Hung, 25(4), 409-17	Size of study groups
194	Baur, L. A.,O'Connor, J.,Pan, D. A.,Kriketos, A. D.,Storlien, L. H. (1998). The fatty acid composition of skeletal muscle membrane phospholipid: its relationship with the type of feeding and plasma glucose levels in young children Metabolism, 47(1), 106-12	Size of study groups, Intervention/exposure
195	Baur, L. A.,O'Connor, J.,Pan, D. A.,Wu, B. J.,O'Connor, M. J.,Storlien, L. H. (2000). Relationships between the fatty acid composition of muscle and erythrocyte membrane phospholipid in young children and the effect of type of infant feeding Lipids, 35(1), 77-82	Size of study groups, Intervention/exposure
196	Baxter-Jones, A. D.,Cardy, A. H.,Helms, P. J.,Phillips, D. O.,Smith, W. C. (1999). Influence of socioeconomic conditions on growth in infancy: the 1921 Aberdeen birth cohort Arch Dis Child, 81(1), 5-9	Outcome
197	Bayley, T. M.,Alasmi, M.,Thorkelson, T.,Jones, P. J.,Corcoran, J.,Krug-Wispe, S.,Tsang, R. C. (2002). Longer term effects of early dietary cholesterol level on synthesis and circulating cholesterol concentrations in human infants Metabolism, 51(1), 25-33	Size of study groups
198	Bayley, T. M.,Alasmi, M.,Thorkelson, T.,Krug-Wispe, S.,Jones, P. J.,Bulani, J. L.,Tsang, R. C. (1998). Influence of formula versus breast milk on cholesterol synthesis rates in four-month-old infants Pediatr Res, 44(1), 60-7	Size of study groups
199	Baylis, J. M.,Leeds, A. R.,Challacombe, D. N. (1983). Persistent nausea and food aversions in pregnancy. A possible association with cow's milk allergy in infants Clin Allergy, 13(3), 263-9	Size of study groups
200	Bayraktar, S.,Bayraktar, S. T.,Selcuk, N.,Emiroglu, H.,Elevli, M. (2006). Lipid and lipoprotein profile of breast fed, formula fed or mixed-fed 0-6-month-old babies International Pediatrics, 21(2), 84-90	Study design
201	Beath, K. J. (2007). Infant growth modelling using a shape invariant model with random effects Stat Med, 26(12), 2547-64	Outcome
202	Beauchamp, J. N.,Gaboury, I.,Ni, A.,Boland, M. P.,Mac, K. D. R. (2011). Solid-food introduction in infants diagnosed as having a cow's-milk protein-induced enterocolitis Journal of Pediatric Gastroenterology and Nutrition, 52(5), 639-643	Participant health, Intervention/exposure
203	Beaudry, M.,Dufour, R.,Marcoux, S. (1995). Reaction between infant feeding and infections during the first six months of life Journal of Pediatrics, 126(2), 191-197	Study design
204	Beaudry, M.,Dufour, R.,Marcoux, S. (1995). Relation between infant feeding and infections during the first six months of life J Pediatr, 126(2), 191-7	Study design
205	Beaver, K. M.,Vaughn, M. G.,DeLisi, M.,Higgins, G. E. (2010). The biosocial correlates of neuropsychological deficits: results from the national longitudinal study of adolescent health Int J Offender Ther Comp Criminol, 54(6), 878-94	Outcome
206	Becher, J. C.,Bhushan, S. S.,Lyon, A. J. (2012). Unexpected collapse in apparently healthy newborns--a prospective national study of a missing cohort of neonatal deaths and near-death events Arch Dis Child Fetal Neonatal Ed, 97(1), F30-4	Study design

	Full texts screened	Reason for exclusion
207	Beebe, D. W.,Rausch, J.,Byars, K. C.,Lanphear, B.,Yolton, K. (2012). Persistent snoring in preschool children: predictors and behavioral and developmental correlates Pediatrics, 130(3), 382-9	Intervention/exposure, Outcome
208	Beentjes VE,Weerheijm KL,Groen HJ (2002). Factors involved in the aetiology of molar-incisor hypomineralisation (MIH) Eur J Paediatr Dent, 3(#issue#), 9-13	Study design, Size of study groups
209	Beilin, L.,Huang, R. C. (2008). Childhood obesity, hypertension, the metabolic syndrome and adult cardiovascular disease Clin Exp Pharmacol Physiol, 35(4), 409-11	Study design
210	Bekkers, M. B.,Brunekreef, B.,Smit, H. A.,Kerkhof, M.,Koppelman, G. H.,Oldenwening, M.,Wijga, A. H. (2011). Early-life determinants of total and HDL cholesterol concentrations in 8-year-old children; the PIAMA birth cohort study PLoS One, 6(9), e25533	Outcome
211	Belfort, M. B.,Rifas-Shiman, S. L.,Kleinman, K. P.,Guthrie, L. B.,Bellinger, D. C.,Taveras, E. M.,Gillman, M. W.,Oken, E. (2013). Infant feeding and childhood cognition at ages 3 and 7 years: Effects of breastfeeding duration and exclusivity JAMA Pediatr, 167(9), 836-44	Outcome
212	Belfort, M. B.,Rifas-Shiman, S. L.,Rich-Edwards, J. W.,Kleinman, K. P.,Oken, E.,Gillman, M. W. (2008). Infant growth and child cognition at 3 years of age Pediatrics, 122(3), e689-95	Intervention/exposure
213	Ben, X. M.,Zhou, X. Y.,Zhao, W. H.,Yu, W. L.,Pan, W.,Zhang, W. L.,Wu, S. M.,Van Beusekom, C. M.,Schaafsma, A. (2004). Growth and development of term infants fed with milk with long-chain polyunsaturated fatty acid supplementation Chinese Medical Journal, 117(8), 1268-1270	Size of study groups, Intervention/exposure
214	Bener, A.,Alsaied, A.,Al-Ali, M.,Al-Kubaisi, A.,Basha, B.,Abraham, A.,Guiter, G.,Mian, M. (2009). High prevalence of vitamin D deficiency in type 1 diabetes mellitus and healthy children Acta Diabetol, 46(3), 183-9	Study design
215	Bener, A.,Denic, S.,Galadari, S. (2001). Longer breast-feeding and protection against childhood leukaemia and lymphomas Eur J Cancer, 37(2), 234-8	Intervention/exposure
216	Bener, A.,Hoffmann, G. F.,Afify, Z.,Rasul, K.,Tewfik, I. (2008). Does prolonged breastfeeding reduce the risk for childhood leukemia and lymphomas? Minerva Pediatr, 60(2), 155-61	Outcome
217	Benn, C. S.,Wohlfahrt, J.,Aaby, P.,Westergaard, T.,Benfeldt, E.,Michaelsen, K. F.,Bjorksten, B.,Melbye, M. (2004). Breastfeeding and risk of atopic dermatitis, by parental history of allergy, during the first 18 months of life Am J Epidemiol, 160(3), 217-23	Intervention/exposure
218	Bennett, K. E.,Haggard, M. P. (1998). Accumulation of factors influencing children's middle ear disease: risk factor modelling on a large population cohort J Epidemiol Community Health, 52(12), 786-93	Study design, Outcome
219	Berger, R.,Hadziselimovic, F.,Just, M.,Reigel, P. (1983). Effect of feeding human milk on nosocomial rotavirus infections in an infants ward Dev Biol Stand, 53(#issue#), 219-28	Study design, Participant health
220	Bergmann, K. E.,Bergmann, R. L.,Von Kries, R.,Bohm, O.,Richter, R.,Dudenhausen, J. W.,Wahn, U. (2003). Early determinants of childhood overweight and adiposity in a birth cohort study: role of breast-feeding Int J Obes Relat Metab Disord, 27(2), 162-72	Intervention/exposure
221	Bergmann, R. L.,Bergler, H.,Moshoudis, E.,Bergmann, K. E.,Lachmann, E. (1988). Prevention of iron deficiency of breast-fed babies by using suitable additional food, a prospective, controlled study Monatsschrift fur Kinderheilkunde, 136(#issue#), 491	Language
222	Bergmann, R. L.,Bergmann, K. E.,Lau-Schadensdorf, S.,Luck, W.,Dannemann, A.,Bauer, C. P.,Dorsch, W.,Forster, J.,Schmidt, E.,Schulz, J.,et al, (1994). Atopic diseases in infancy. The German multicenter atopy study (MAS-90) Pediatr Allergy Immunol, 5(6 Suppl), 19-25	Intervention/exposure
223	Bergmann, R. L.,Diepgen, T. L.,Kuss, O.,Bergmann, K. E.,Kujat, J.,Dudenhausen, J. W.,Wahn, U. (2002). Breastfeeding duration is a risk factor for atopic eczema Clin Exp Allergy, 32(2), 205-9	Outcome
224	Bergmann, R. L.,Edenharter, G.,Bergmann, K. E.,Lau, S.,Wahn, U. (2000). Socioeconomic status is a risk factor for allergy in parents but not in their children Clin Exp Allergy, 30(12), 1740-5	Outcome

	Full texts screened	Reason for exclusion
225	Bergmann, R. L.,Haschke-Becher, E.,Klassen-Wigger, P.,Bergmann, K. E.,Richter, R.,Dudenhausen, J. W.,Grathwohl, D.,Haschke, F. (2008). Supplementation with 200 mg/day docosahexaenoic acid from mid-pregnancy through lactation improves the docosahexaenoic acid status of mothers with a habitually low fish intake and of their infants Ann Nutr Metab, 52(2), 157-66	Intervention/exposure
226	Bergstrand, O.,Hellers, G. (1983). Breast-feeding during infancy in patients who later develop Crohn's disease Scand J Gastroenterol, 18(7), 903-6	Outcome
227	Bergstrom, A.,Skov, T. H.,Bahl, M. I.,Roager, H. M.,Christensen, L. B.,Ejlerskov, K. T.,Molgaard, C.,Michaelsen, K. F.,Licht, T. R. (2014). Establishment of intestinal microbiota during early life: a longitudinal, explorative study of a large cohort of Danish infants Appl Environ Microbiol, 80(9), 2889-900	Outcome
228	Bergstrom, E.,Hernell, O.,Persson, L. A.,Vessby, B. (1995). Serum lipid values in adolescents are related to family history, infant feeding, and physical growth Atherosclerosis, 117(1), 1-13	Intervention/exposure
229	Beristain-Manterola, R.,Pasquetti-Ceccatelli, A.,Meléndez-Mier, G.,Sánchez-Escobar, O. A.,Cuevas-Covarrubias, S. A. (2010). Evaluation of iron status in healthy six-month-old infants in Mexican population: Evidence of a high prevalence of iron deficiency e-SPEN, 5(1), e37-e39	Study design
230	Berkowitz, C. D.,Uchiyama, N.,Tully, S. B.,Marble, R. D.,Spencer, M.,Stein, M. T.,Orr, D. P. (1985). Fever in infants less than two months of age: spectrum of disease and predictors of outcome Pediatr Emerg Care, 1(3), 128-35	Study design, Participant health
231	Berkowitz, R. J. (1985). Streptococcus mutans and dental caries in infants Compend Contin Educ Dent, 6(6), 463-6	Study design
232	Bernard, A.,Nickmilder, M. (2013). Association of breastfeeding with higher serum inhibin B level at adolescence JAMA Pediatr, 167(9), 869-70	Study design, Outcome
233	Bernard, J. Y.,Armand, M.,Garcia, C.,Forhan, A.,De Agostini, M.,Charles, M. A.,Heude, B. (2015). The association between linoleic acid levels in colostrum and child cognition at 2 and 3 y in the EDEN cohort Pediatr Res, 77(6), 829-35	Outcome
234	Bernard, J. Y.,De Agostini, M.,Forhan, A.,Alfaiate, T.,Bonet, M.,Champion, V.,Kaminski, M.,de Lauzon-Guillain, B.,Charles, M. A.,Heude, B. (2013). Breastfeeding duration and cognitive development at 2 and 3 years of age in the EDEN mother-child cohort J Pediatr, 163(1), 36-42 e1	Outcome
235	Bernard, J. Y.,De Agostini, M.,Forhan, A.,de Lauzon-Guillain, B.,Charles, M. A.,Heude, B. (2013). The dietary n6:n3 fatty acid ratio during pregnancy is inversely associated with child neurodevelopment in the EDEN mother-child cohort J Nutr, 143(9), 1481-8	Outcome
236	Bernardi, J. R.,Gama, C. M.,Vitolo, M. R. (2011). An infant feeding update program at healthcare centers and its impact on breastfeeding and morbidity Cadernos de Saude Publica, 27(6), 1213-1222	Language
237	Berseth, C. L.,Mitmesser, S. H.,Birch, E.,Khoury, J.,Bean, J.,Harris, C.,Scalabrin, D. (2011). Intake of DHA/ARA via breast milk or formula supplementation during infancy can affect the incidence and recurrence of allergic manifestations in young children Journal of Pediatric Gastroenterology and Nutrition. Conference: European Society for Paediatric Gastroenterology, Hepatology, and Nutrition Annual Meeting 2011 Sorrento Italy. Conference Start: 20110525 Conference End: 20110528. Conference Publication: (var.pagings), 52(Suppl 2), E61	Publication status
238	Betoko, A.,Charles, M. A.,Hankard, R.,Forhan, A.,Bonet, M.,Regnault, N.,Botton, J.,Saurel-Cubizolles, M. J.,de Lauzon-Guillain, B. (2014). Determinants of infant formula use and relation with growth in the first 4 months Matern Child Nutr, 10(2), 267-79	Outcome
239	Betran, A. P.,de Onis, M.,Lauer, J. A.,Villar, J. (2001). Ecological study of effect of breast feeding on infant mortality in Latin America Bmj, 323(7308), 303-6	Study design
240	Beyerlein, A.,Fahrmeir, L.,Mansmann, U.,Toschke, A. M. (2008). Alternative regression models to assess increase in childhood BMI BMC Med Res Methodol, 8(#issue#), 59	Study design
241	Bhan, M. K.,Arora, N. K.,Singh, K. D. (1991). Management of persistent diarrhea during infancy in clinical practice Indian J Pediatr, 58(6), 769-74	Country, Study design

	Full texts screened	Reason for exclusion
242	Bhatia, B. D.,Banerjee, D.,Agarwal, D. K.,Agarwal, K. N. (1983). Exterogestate growth: relationship with maternal body size and dietary intakes Indian J Pediatr, 50(404), 241-6	Country, Study design
243	Bianchi, C.,Brambilla, P.,Cella, D.,Ragogna, F.,Tettamanti, C.,Del Puppo, M.,Kienle, M. G.,Chiumello, G.,Ruotolo, G. (1997). Influence of breast- and formula-feeding on plasma cholesterol precursor sterols throughout the first year of life J Pediatr, 131(6), 928-31	Size of study groups
244	Biering-Sorensen F,Hilden J,Biering-Sorensen K (1983). Breast-feeding and infant health in Copenhagen 1941-1972 Dan Med Bull, 30(#issue#), 36-41	Study design, Outcome
245	Biesbroek, G.,Bosch, A. A.,Wang, X.,Keijser, B. J.,Veenhoven, R. H.,Sanders, E. A.,Bogaert, D. (2014). The impact of breastfeeding on nasopharyngeal microbial communities in infants Am J Respir Crit Care Med, 190(3), 298-308	Outcome
246	Biesbroek, G.,Tsivtsivadze, E.,Sanders, E. A.,Montijn, R.,Veenhoven, R. H.,Keijser, B. J.,Bogaert, D. (2014). Early respiratory microbiota composition determines bacterial succession patterns and respiratory health in children Am J Respir Crit Care Med, 190(11), 1283-92	Study design, Outcome
247	Bilenko, N.,Fraser, D.,Naggan, L. (1999). Maternal knowledge and environmental factors associated with risk of diarrhea in Israeli Bedouin children Eur J Epidemiol, 15(10), 907-12	Intervention/exposure
248	Bilenko, N.,Ghosh, R.,Levy, A.,Deckelbaum, R. J.,Fraser, D. (2008). Partial breastfeeding protects Bedouin infants from infection and morbidity: prospective cohort study Asia Pac J Clin Nutr, 17(2), 243-9	Outcome
249	Bindon, J. R. (1985). The influence of infant feeding patterns on growth of children in American Samoa Med Anthropol, 9(2), 183-95	Intervention/exposure
250	Binns C,James J,Lee MK (2013). Trends in asthma, allergy and breastfeeding in Australia Breastfeed Rev, 21(#issue#), 7-8	Study design
251	Birch, E. E.,Carlson, S. E.,Hoffman, D. R.,Fitzgerald-Gustafson, K. M.,Fu, V. L.,Drover, J. R.,Castaneda, Y. S.,Minns, L.,Wheaton, D. K.,Mundy, D.,Marunycz, J.,Diersen-Schade, D. A. (2010). The DIAMOND (DHA Intake And Measurement Of Neural Development) Study: a double-masked, randomized controlled clinical trial of the maturation of infant visual acuity as a function of the dietary level of docosahexaenoic acid Am J Clin Nutr, 91(4), 848-59	Intervention/exposure
252	Birch, E. E.,Garfield, S.,Castaneda, Y.,Hughbanks-Wheaton, D.,Uauy, R.,Hoffman, D. (2007). Visual acuity and cognitive outcomes at 4 years of age in a double-blind, randomized trial of long-chain polyunsaturated fatty acid-supplemented infant formula Early Hum Dev, 83(5), 279-84	Outcome
253	Birch, E. E.,Hoffman, D. R.,Castaneda, Y. S.,Fawcett, S. L.,Birch, D. G.,Uauy, R. D. (2002). A randomized controlled trial of long-chain polyunsaturated fatty acid supplementation of formula in term infants after weaning at 6 wk of age Am J Clin Nutr, 75(3), 570-80	Intervention/exposure
254	Birch, E. E.,Hoffman, D. R.,Uauy, R.,Birch, D. G.,Prestidge, C. (1998). Visual acuity and the essentiality of docosahexaenoic acid and arachidonic acid in the diet of term infants Pediatr Res, 44(2), 201-9	Size of study groups
255	Birch, E.,Birch, D.,Hoffman, D.,Hale, L.,Everett, M.,Uauy, R. (1993). Breast-feeding and optimal visual development J Pediatr Ophthalmol Strabismus, 30(1), 33-8	Size of study groups, Intervention/exposure
256	Birkbeck JA,Scott HF (1980). 25-Hydroxycholecalciferol serum levels in breast-fed infants Arch Dis Child, 55(#issue#), 691-5	Intervention/exposure
257	Birkbeck, J. A.,Buckfield, P. M.,Silva, P. A. (1985). Lack of long-term effect of the method of infant feeding on growth Hum Nutr Clin Nutr, 39(1), 39-44	Intervention/exposure
258	Birkett, D. (2005). On bottle versus breast Health Serv J, 115(5957), 19	Study design
259	Bisgaard, H.,Halkjær, L. B.,Hinge, R.,Giwercman, C.,Palmer, C.,Silveira, L.,Strand, M. (2009). Risk analysis of early childhood eczema Journal of Allergy and Clinical Immunology, 123(6), 1355-1360.e5	Intervention/exposure
260	Bishara, S. E.,Nowak, A. J.,Kohout, F. J.,Heckert, D. A.,Hogan, M. M. (1987). Influence of feeding and non-nutritive sucking methods on the development of the dental arches: longitudinal study of the first 18 months of life Pediatr Dent, 9(1), 13-21	Size of study groups, Intervention/exposure

	Full texts screened	Reason for exclusion
261	Bishara, S. E.,Warren, J. J.,Broffitt, B.,Levy, S. M. (2006). Changes in the prevalence of nonnutritive sucking patterns in the first 8 years of life Am J Orthod Dentofacial Orthop, 130(1), 31-6	Intervention/exposure
262	Bishop, W. S. (1985). Weaning the breast-fed toddler or preschooler Pediatr Nurs, 11(3), 211-4	Study design
263	Bjorke-Monsen, A. L. (2014). Is exclusive breastfeeding ensuring an optimal micronutrient status and psychomotor development in infants? Clin Biochem, 47(9), 714	Study design
264	Bjorksten, B.,Ait-Khaled, N.,Innes Asher, M.,Clayton, T. O.,Robertson, C. (2011). Global analysis of breast feeding and risk of symptoms of asthma, rhinoconjunctivitis and eczema in 6-7 year old children: ISAAC Phase Three Allergol Immunopathol (Madr), 39(6), 318-25	Study design
265	Blake, P. A.,Ramos, S.,MacDonald, K. L.,Rassi, V.,Gomes, T. A.,Ivey, C.,Bean, N. H.,Trabulsi, L. R. (1993). Pathogen-specific risk factors and protective factors for acute diarrheal disease in urban Brazilian infants J Infect Dis, 167(3), 627-32	Participant health, Intervention/exposure
266	Blattner, C. M.,Murase, J. E. (2014). A practice gap in pediatric dermatology: does breast-feeding prevent the development of infantile atopic dermatitis? J Am Acad Dermatol, 71(2), 405-6	Study design
267	Blom, L.,Dahlquist, G.,Nystrom, L.,Sandstrom, A.,Wall, S. (1989). The Swedish childhood diabetes study--social and perinatal determinants for diabetes in childhood Diabetologia, 32(1), 7-13	Outcome
268	Bloom, K.,Goldbloom, R. B.,Robinson, S. C.,Stevens, F. E. (1982). Breast versus formula feeding Acta Paediatr Scand Suppl, 300(#issue#), 1-26	Study design, Outcome
269	Bly, E.,Huntington, J.,Harper, A. L.,Vincent, E. C. (2013). What is the best age to start vitamin D supplementation to prevent rickets in breastfed newborns? Journal of Family Practice, 62(12), 755+763	Study design
270	Bocca, B.,Alimonti, A.,Giglio, L.,Di Pasquale, M.,Caroli, S.,Ambruzzi, M. A.,Bocca, A. P.,Coni, E. (2000). Nutritive significance of element speciation in breast milk. The case of calcium, copper, iron, magnesium, manganese, and zinc Adv Exp Med Biol, 478(#issue#), 385-6	Study design, Outcome
271	Boccolini, C. S.,Carvalho, M. L.,Oliveira, M. I.,Boccolini Pde, M. (2011). Breastfeeding can prevent hospitalization for pneumonia among children under 1 year old J Pediatr (Rio J), 87(5), 399-404	Study design, Intervention/exposure
272	Boccolini, C. S.,Carvalho, M. L.,Oliveira, M. I.,Perez-Escamilla, R. (2013). Breastfeeding during the first hour of life and neonatal mortality J Pediatr (Rio J), 89(2), 131-6	Study design
273	Bodington, M. J.,McNally, P. G.,Burden, A. C. (1994). Cow's milk and type 1 childhood diabetes: no increase in risk Diabet Med, 11(7), 663-5	Intervention/exposure
274	Boediman, D.,Murakami, R.,Nakamura, H.,Matsuo, T. (1989). Plasma apolipoprotein and lipid profiles in infants in the first year of life Kobe J Med Sci, 35(3), 165-76	Size of study groups
275	Boerma, J. T.,Bicego, G. T. (1992). Preceding birth intervals and child survival: searching for pathways of influence Stud Fam Plann, 23(4), 243-56	Study design, Intervention/exposure
276	Bogen, D. L.,Hanusa, B. H.,Whitaker, R. C. (2004). The effect of breast-feeding with and without formula use on the risk of obesity at 4 years of age Obes Res, 12(9), 1527-35	Outcome
277	Bognetti, E.,Meschi, F.,Malavasi, C.,Pastore, M. R.,Sergi, A.,Illeni, M. T.,Maffeis, C.,Pinelli, L.,Chiumello, G. (1992). HLA-antigens in Italian type 1 diabetic patients: role of DR3/DR4 antigens and breast feeding in the onset of the disease Acta Diabetol, 28(3-4), 229-32	Outcome
278	Bohles, H.,Aschenbrenner, M.,Roth, M.,von Loewenich, V.,Ball, F.,Usadel, K. H. (1993). Development of thyroid gland volume during the first 3 months of life in breast-fed versus iodine-supplemented and iodine-free formula-fed infants Clin Investig, 71(1), 13-20	Size of study groups

	Full texts screened	Reason for exclusion
279	Bolanos, A. V.,Caire, G.,Valencia, M. E.,Casanueva, E.,Roman Perez, R.,Calderon de la Barca, A. M. (2000). Energy intake and growth of breast-fed infants in two regions of Mexico Adv Exp Med Biol, 478(#issue#), 371-2	Publication status
280	Bond, S. (2008). Randomized trial provides strong evidence that prolonged, exclusive breastfeeding enhances cognitive development in children Journal of Midwifery & Women's Health, 53(5), 472-473 2p	Study design
281	Bonuck, K. A.,Freeman, K.,Trombley, M. (2006). Randomized controlled trial of a prenatal and postnatal lactation consultant intervention on infant health care use Arch Pediatr Adolesc Med, 160(9), 953-60	Outcome
282	Bonuck, K.,Avraham, S. B.,Lo, Y.,Kahn, R.,Hyden, C. (2014). Bottle-weaning intervention and toddler overweight J Pediatr, 164(2), 306-12 e1-2	Intervention/exposure, Outcome
283	Boonyaratavej, N.,Suriyawongpaisal, P.,Takkinsatien, A.,Wanvarie, S.,Rajatanavin, R.,Apiyasawat, P. (2001). Physical activity and risk factors for hip fractures in Thai women Osteoporos Int, 12(3), 244-8	Participant age, Intervention/exposure
284	Borch-Johnsen K,Joner G,Mandrup-Poulsen T,Christy M,Zachau-Christiansen B,Kastrup K,Nerup J (1984). Relation between breast-feeding and incidence rates of insulin-dependent diabetes mellitus. A hypothesis Lancet, 2(#issue#), 1083-6	Outcome
285	Bordeaux, D. R.,Heidenreich, J. G.,Schlagheck, D. J.,Crabtree, J. T.,Trachtenbarg, D. E. (1982). Infant nutrition J Fam Pract, 14(1), 145-50	Study design
286	Borgnolo, G.,Barbone, F.,Scornavacca, G.,Franco, D.,Vinci, A.,Iuculano, F. (1996). A case-control study of Salmonella gastrointestinal infection in Italian children Acta Paediatr, 85(7), 804-8	Participant health
287	Bornhorst, C.,Siani, A.,Russo, P.,Kourides, Y.,Sion, I.,Molnar, D.,Moreno, L. A.,Rodriguez, G.,Ben-Shlomo, Y.,Howe, L.,Lissner, L.,Mehlig, K.,Regber, S.,Bammann, K.,Foraita, R.,Ahrens, W.,Tilling, K. (2016). Early Life Factors and Inter-Country Heterogeneity in BMI Growth Trajectories of European Children: The IDEFICS Study PLoS One, 11(2), e0149268	Outcome
288	Bortolini, G. A.,Vitolo, M. R. (2012). The impact of systematic dietary counseling during the first year of life on prevalence rates of anemia and iron deficiency at 12-16 months J Pediatr (Rio J), 88(1), 33-9	Intervention/exposure
289	Boshuizen, H. C.,Verkerk, P. H.,Reerink, J. D.,Herngreen, W. P.,Zaadstra, B. M.,Verloove-Vanhorick, S. P. (1998). Maternal smoking during lactation: relation to growth during the first year of life in a Dutch birth cohort Am J Epidemiol, 147(2), 117-26	Intervention/exposure
290	Boskabadi, H.,Ramazanzadeh, M.,Zakerihamidi, M.,Omran, F. R. (2014). Risk factors of breast problems in mothers and its effects on newborns Iranian Red Crescent Medical Journal, 16(6), #Pages#	Intervention/exposure, Outcome
291	Boulton, J. (1981). Nutrition in childhood and its relationships to early somatic growth, body fat, blood pressure, and physical fitness Acta Paediatr Scand Suppl, 284(#issue#), 1-85	Publication status
292	Boutwell, B. B.,Beaver, K. M.,Barnes, J. C. (2012). Role of breastfeeding in childhood cognitive development: a propensity score matching analysis J Paediatr Child Health, 48(9), 840-5	Outcome
293	Bouwstra, H.,Boersma, E. R.,Boehm, G.,Dijck-Brouwer, D. A.,Muskiet, F. A.,Hadders-Algra, M. (2003). Exclusive breastfeeding of healthy term infants for at least 6 weeks improves neurological condition J Nutr, 133(12), 4243-5	Outcome
294	Bouwstra, H.,Dijck-Brouwer, D. A.,Boehm, G.,Boersma, E. R.,Muskiet, F. A.,Hadders-Algra, M. (2005). Long-chain polyunsaturated fatty acids and neurological developmental outcome at 18 months in healthy term infants Acta Paediatr, 94(1), 26-32	Outcome
295	Bouwstra, H.,Dijck-Brouwer, D. A.,Wildeman, J. A.,Tjoonk, H. M.,van der Heide, J. C.,Boersma, E. R.,Muskiet, F. A.,Hadders-Algra, M. (2003). Long-chain polyunsaturated fatty acids have a positive effect on the quality of general movements of healthy term infants Am J Clin Nutr, 78(2), 313-8	Intervention/exposure
296	Bouwstra, H.,Dijck-Brouwer, J.,Decsi, T.,Boehm, G.,Boersma, E. R.,Muskiet, F. A.,Hadders-Algra, M. (2006). Neurologic condition of healthy term infants at 18 months: positive association with venous umbilical DHA status and negative association with umbilical trans-fatty acids Pediatr Res, 60(3), 334-9	Intervention/exposure

	Full texts screened	Reason for exclusion
297	Bove, I.,Campoy, C.,Uauy, R.,Miranda, T.,Cerruti, F. (2014). Trends in early growth indices in the first 24 months of life in Uruguay over the past decade J Health Popul Nutr, 32(4), 600-7	Study design
298	Bramhagen, A. C.,Svahn, J.,Hallstrom, I.,Axelsson, I. (2011). Factors influencing iron nutrition among one-year-old healthy children in Sweden J Clin Nurs, 20(13-14), 1887-94	Study design
299	Brams, M.,Maloney, J. (1983). "Nursing bottle caries" in breast-fed children J Pediatr, 103(3), 415-6	Study design
300	Brandenburg, A. H.,Jeannet, P. Y.,Steensel-Moll, H. A.,Ott, A.,Rothbarth, P. H.,Wunderli, W.,Suter, S.,Neijens, H. J.,Osterhaus, A. D.,Siegrist, C. A. (1997). Local variability in respiratory syncytial virus disease severity Arch Dis Child, 77(5), 410-4	Study design, Participant health
301	Brandstrom, A.,Brostrom, G.,Persson, L. A. (1984). The impact of feeding patterns on infant mortality in a nineteenth century Swedish parish J Trop Pediatr, 30(3), 154-9	Study design, Intervention/exposure
302	Bray, K. K.,Branson, B. G.,Williams, K. (2003). Early childhood caries in an urban health department: an exploratory study J Dent Hyg, 77(4), 225-32	Study design
303	Brew, B. K.,Kull, I.,Garden, F.,Almqvist, C.,Bergstrom, A.,Lind, T.,Webb, K.,Wickman, M.,Marks, G. B. (2012). Breastfeeding, asthma, and allergy: a tale of two cities Pediatr Allergy Immunol, 23(1), 75-82	Study design, Redundant data with another study
304	Brew, B. K.,Marks, G. B.,Almqvist, C.,Cistulli, P. A.,Webb, K.,Marshall, N. S. (2014). Breastfeeding and snoring: a birth cohort study PLoS One, 9(1), e84956	Outcome
305	Briggs, D. (1992). Baby milks and the EC. Infant nutrition Nurs Times, 88(32), 24-6	Study design
306	Brion, M. J. A.,Lawlor, D. A.,Matijasevich, A.,Horta, B.,Anselmi, L.,Araújo, C. L.,Menezes, A. M. B.,Victora, C. G.,Smith, G. D. (2011). What are the causal effects of breastfeeding on IQ, obesity and blood pressure? Evidence from comparing high-income with middle-income cohorts International Journal of Epidemiology, 40(3), 670-680	Intervention/exposure
307	Broad, F. E.,Duganzich, D. M. (1983). The effects of infant feeding, birth order, occupation and socio-economic status on speech in six-year-old children N Z Med J, 96(734), 483-6	Intervention/exposure
308	Brodish, M. S. (1982). Relationship of early bonding to initial infant feeding patterns in bottle-fed newborns JOGN Nurs, 11(4), 248-52	Intervention/exposure
309	Brooke OG (1983). Supplementary vitamin D in infancy and childhood Arch Dis Child, 58(#issue#), 573-4	Study design
310	Brooks, J. G.,Gilbert, R. E.,Flemming, P. J.,Berry, P. J.,Golding, J. (1994). Postnatal growth preceding sudden infant death syndrome Pediatrics, 94(4 Pt 1), 456-61	Outcome
311	Broor, S.,Pandey, R. M.,Ghosh, M.,Maitreyi, R. S.,Lodha, R.,Singhal, T.,Kabra, S. K. (2001). Risk factors for severe acute lower respiratory tract infection in under-five children Indian Pediatr, 38(12), 1361-9	Country
312	Brown, A.,Lee, M. (2012). Breastfeeding during the first year promotes satiety responsiveness in children aged 18-24 months Pediatr Obes, 7(5), 382-90	Outcome
313	Brown, C. M.,Austin, D. W.,Busija, L. (2014). Observable essential fatty acid deficiency markers and autism spectrum disorder Breastfeed Rev, 22(2), 21-6	Study design, Size of study groups
314	Brown, J. P.,Junner, C.,Liew, V. (1985). A study of Streptococcus mutans levels in both infants with bottle caries and their mothers Aust Dent J, 30(2), 96-8	Intervention/exposure
315	Brown, K. H.,Black, R. E.,Lopez de Romana, G.,Creed de Kanashiro, H. (1989). Infant-feeding practices and their relationship with diarrheal and other diseases in Huascar (Lima), Peru Pediatrics, 83(1), 31-40	Intervention/exposure
316	Brown, K. H.,Stallings, R. Y.,de Kanashiro, H. C.,Lopez de Romana, G.,Black, R. E. (1990). Effects of common illnesses on infants' energy intakes from breast milk and other foods during longitudinal community-based studies in Huascar (Lima), Peru Am J Clin Nutr, 52(6), 1005-13	Outcome

	Full texts screened	Reason for exclusion
317	Broxton, D. (2008). Infant feeding research summaries International Journal of Childbirth Education, 23(2), 28-31 4p	Country
318	Bruce, L.,Lieberman, L. S. (1987). Nutritional anthropometry and dietary intake of children from the Las Cuevas region of the Dominican Republic Arch Latinoam Nutr, 37(2), 250-8	Study design
319	Bruerd, B.,Kinney, M. B.,Bothwell, E. (1989). Preventing baby bottle tooth decay in American Indian and Alaska native communities: a model for planning Public Health Rep, 104(6), 631-40	Intervention/exposure
320	Bruno, G.,Milita, O.,Ferrara, M.,Nisini, R.,Cantani, A.,Businco, L. (1993). Prevention of atopic diseases in high risk babies (long-term follow-up) Allergy Proc, 14(3), 181-6; discussion 186-7	Intervention/exposure
321	Brunser, O.,Espinoza, J.,Figueroa, G.,Araya, M.,Spencer, E.,Hilpert, H.,Link-Amster, H.,Brussow, H. (1992). Field trial of an infant formula containing anti-rotavirus and anti-Escherichia coli milk antibodies from hyperimmunized cows J Pediatr Gastroenterol Nutr, 15(1), 63-72	Intervention/exposure
322	Buckley, K. M. (2001). Long-term breastfeeding: nourishment or nurturance? J Hum Lact, 17(4), 304-12	Study design, Intervention/exposure
323	Buinauskiene, J.,Baliutaviciene, D.,Zalinkevicius, R. (2004). Glucose tolerance of 2- to 5-yr-old offspring of diabetic mothers Pediatric Diabetes, 5(3), 143-146	Intervention/exposure
324	Bulk-Bunschoten, A. M.,Pasker-de Jong, P. C.,van Wouwe, J. P.,de Groot, C. J. (2008). Ethnic variation in infant-feeding practices in the Netherlands and weight gain at 4 months J Hum Lact, 24(1), 42-9	Intervention/exposure, Outcome
325	Bulk-Bunschoten, A. M.,van Bodegom, S.,Reerink, J. D.,de Jong, P. C.,de Groot, C. J. (2002). Weight and weight gain at 4 months (The Netherlands 1998): influences of nutritional practices, socio-economic and ethnic factors Paediatr Perinat Epidemiol, 16(4), 361-9	Intervention/exposure
326	Bulkow, L. R.,Singleton, R. J.,DeByle, C.,Miernyk, K.,Redding, G.,Hummel, K. B.,Chikoyak, L.,Hennessy, T. W. (2012). Risk factors for hospitalization with lower respiratory tract infections in children in rural Alaska Pediatrics, 129(5), e1220-7	Outcome
327	Bulkow, L. R.,Singleton, R. J.,Karron, R. A.,Harrison, L. H. (2002). Risk factors for severe respiratory syncytial virus infection among Alaska native children Pediatrics, 109(2), 210-6	Outcome
328	Bunik, M.,Shobe, P.,O'Connor, M. E.,Beaty, B.,Langendoerfer, S.,Crane, L. (2007). Randomized controlled trial to evaluate a telephone support intervention for breastfeeding in low-income Latina mothers Breastfeeding medicine, 2(3), 183	Study design
329	Burd, L.,Fisher, W.,Kerbeshian, J.,Vesely, B.,Durgin, B.,Reep, P. (1988). A comparison of breastfeeding rates among children with pervasive developmental disorder, and controls J Dev Behav Pediatr, 9(5), 247-51	Study design
330	Burdette, H. L.,Whitaker, R. C. (2007). Differences by race and ethnicity in the relationship between breastfeeding and obesity in preschool children Ethn Dis, 17(3), 467-70	Outcome
331	Burdette, H. L.,Whitaker, R. C.,Hall, W. C.,Daniels, S. R. (2006). Breastfeeding, introduction of complementary foods, and adiposity at 5 y of age Am J Clin Nutr, 83(3), 550-8	Outcome
332	Burgess, S. W.,Dakin, C. J.,O'Callaghan, M. J. (2006). Breastfeeding does not increase the risk of asthma at 14 years Pediatrics, 117(4), e787-92	Outcome
333	Burke, V.,Beilin, L. J.,Simmer, K.,Oddy, W. H.,Blake, K. V.,Doherty, D.,Kendall, G. E.,Newnham, J. P.,Landau, L. I.,Stanley, F. J. (2005). Breastfeeding and overweight: longitudinal analysis in an Australian birth cohort J Pediatr, 147(1), 56-61	Outcome
334	Burns, E.,Schmied, V.,Sheehan, A.,Fenwick, J. (2009). Let women express themselves - breastfeeding study Australian Nursing Journal, 17(2), 44-45 2p	Study design
335	Burr, M. L.,Limb, E. S.,Maguire, M. J.,Amarah, L.,Eldridge, B. A.,Layzell, J. C.,Merrett, T. G. (1993). Infant feeding, wheezing, and allergy: a prospective study Arch Dis Child, 68(6), 724-8	Outcome

	Full texts screened	Reason for exclusion
336	Burr, M. L.,Miskelly, F. G.,Butland, B. K.,Merrett, T. G.,Vaughan-Williams, E. (1989). Environmental factors and symptoms in infants at high risk of allergy J Epidemiol Community Health, 43(2), 125-32	Outcome
337	Businco, L.,Marchetti, F.,Pellegrini, G.,Cantani, A.,Perlini, R. (1983). Prevention of atopic disease in "at-risk newborns" by prolonged breast-feeding Ann Allergy, 51(2 Pt 2), 296-9	Intervention/exposure
338	Butland, B. K.,Strachan, D. P.,Lewis, S.,Bynner, J.,Butler, N.,Britton, J. (1997). Investigation into the increase in hay fever and eczema at age 16 observed between the 1958 and 1970 British birth cohorts BMJ, 315(7110), 717-21	Intervention/exposure
339	Butte, N. F. (2009). Impact of infant feeding practices on childhood obesity Journal of Nutrition, 139(2), 412S-416S	Study design
340	Butte, N. F.,Smith, E. O.,Garza, C. (1990). Energy utilization of breast-fed and formula-fed infants Am J Clin Nutr, 51(3), 350-8	Size of study groups, Intervention/exposure
341	Butte, N. F.,Wong, W. W.,Ferlic, L.,Smith, E. O.,Klein, P. D.,Garza, C. (1990). Energy expenditure and deposition of breast-fed and formula-fed infants during early infancy Pediatr Res, 28(6), 631-40	Study design, Size of study groups
342	Butte, N. F.,Wong, W. W.,Hopkinson, J. M.,Smith, E. O.,Ellis, K. J. (2000). Infant feeding mode affects early growth and body composition Pediatrics, 106(6), 1355-66	Size of study groups
343	Butters, L.,McCabe, R. (1988). The influence of breast and bottle feeding on blood pressure Midwifery, 4(3), 130-2	Study design, Outcome
344	Buyken, A. E.,Karaolis-Danckert, N.,Remer, T.,Bolzenius, K.,Landsberg, B.,Kroke, A. (2008). Effects of breastfeeding on trajectories of body fat and BMI throughout childhood Obesity (Silver Spring), 16(2), 389-95	Intervention/exposure
345	Bystrova, K.,Matthiesen, A. S.,Widstrom, A. M.,Ransjo-Arvidson, A. B.,Welles-Nystrom, B.,Vorontsov, I.,Uvnas-Moberg, K. (2007). The effect of Russian Maternity Home routines on breastfeeding and neonatal weight loss with special reference to swaddling Early Hum Dev, 83(1), 29-39	Study design, Intervention/exposure
346	Cable, N.,Bartley, M.,McMunn, A.,Kelly, Y. (2010). 011 Gender differences in the effect of breast feeding on adult psychological well-being Journal of Epidemiology & Community Health, 64(#issue#), A4-5 1p	Publication status
347	Cable, N.,Bartley, M.,McMunn, A.,Kelly, Y. (2012). Gender differences in the effect of breastfeeding on adult psychological well-being Eur J Public Health, 22(5), 653-8	Outcome
348	Cai, S.,Pang, W. W.,Low, Y. L.,Sim, L. W.,Sam, S. C.,Bruntraeger, M. B.,Wong, E. Q.,Fok, D.,Broekman, B. F.,Singh, L.,Richmond, J.,Agarwal, P.,Qiu, A.,Saw, S. M.,Yap, F.,Godfrey, K. M.,Gluckman, P. D.,Chong, Y. S.,Meaney, M. J.,Kramer, M. S.,Rifkin-Graboi, A. (2015). Infant feeding effects on early neurocognitive development in Asian children Am J Clin Nutr, 101(2), 326-36	Outcome
349	Calamaro, C. J. (2000). Infant nutrition in the first year of life: tradition or science? Pediatr Nurs, 26(2), 211-5	Study design
350	Calvo, E. B.,Galindo, A. C.,Aspres, N. B. (1992). Iron status in exclusively breast-fed infants Pediatrics, 90(3 I), 375-379	Size of study groups
351	Cama, R. I.,Parashar, U. D.,Taylor, D. N.,Hickey, T.,Figueroa, D.,Ortega, Y. R.,Romero, S.,Perez, J.,Sterling, C. R.,Gentsch, J. R.,Gilman, R. H.,Glass, R. I. (1999). Enteropathogens and other factors associated with severe disease in children with acute watery diarrhea in Lima, Peru Journal of Infectious Diseases, 179(5), 1139-1144	Participant health
352	Camara, A. A.,Silva, J. M.,Ferriani, V. P.,Tobias, K. R.,Macedo, I. S.,Padovani, M. A.,Harsi, C. M.,Cardoso, M. R.,Chapman, M. D.,Arruda, E.,Platts-Mills, T. A.,Arruda, L. K. (2004). Risk factors for wheezing in a subtropical environment: role of respiratory viruses and allergen sensitization J Allergy Clin Immunol, 113(3), 551-7	Outcome
353	Camargo-Figuera, F. A.,Barros, A. J.,Santos, I. S.,Matijasevich, A.,Barros, F. C. (2014). Early life determinants of low IQ at age 6 in children from the 2004 Pelotas Birth Cohort: a predictive approach BMC Pediatr, 14(#issue#), 308	Outcome
354	Cameron M,Hofvander Y (1984). Problems associated with breast-milk substitutes Nurs J India, 75(#issue#), 245-6, 247, 249-50	Study design
355	Cameron, S. L.,Gray, A. R.,Taylor, R. W.,Lawrence, J. A.,Galland, B. C.,Hanna, M. B.,Heath, A. L. M.,Sayers, R. M.,Taylor, B. J. (2014). Excessive growth from 6 to 24 months of age: Results from the prevention of overweight in infancy (POI) randomised controlled trial Archives of disease in childhood, 99(#issue#), A109	Publication status

	Full texts screened	Reason for exclusion
356	Campbell N (1981). The nutritional and immunological benefits of breast milk Aust Nurses J, 10(#issue#), 40-3, 47	Study design
357	Campos-Martinez, A.,Serrano- Lopez, L.,Medina- Navarro, M.,Ochoa- Herrera, J.,Pena-Caballero, M. (2012). Levels of docosahexaenoic acid in pregnant women and their children after taking a fish oil enriched diet Journal of maternal-fetal & neonatal medicine, 25(#issue#), 92	Publication status
358	Campus, G.,Solinas, G.,Sanna, A.,Maida, C.,Castiglia, P. (2007). Determinants of ECC in Sardinian preschool children Community Dent Health, 24(4), 253-6	Intervention/exposure
359	Camurdan, M. O.,Camurdan, A. D.,Polat, S.,Beyazova, U. (2011). Growth patterns of large, small, and appropriate for gestational age infants: impacts of long-term breastfeeding: a retrospective cohort study J Pediatr Endocrinol Metab, 24(7-8), 463-8	Intervention/exposure
360	Cant, A. J.,Bailes, J. A. (1984). How should we feed the potentially allergic infant? Hum Nutr Appl Nutr, 38(6), 474-6	Study design
361	Cantani, A.,Micera, M. (2005). Neonatal cow milk sensitization in 143 case-reports: role of early exposure to cow's milk formula Eur Rev Med Pharmacol Sci, 9(4), 227-30	Study design, Participant health
362	Cantey, J. B.,Bascik, S. L.,Heyne, N. G.,Gonzalez, J. R.,Jackson, G. L.,Rogers, V. L.,Sheffield, J. S.,Trevino, S.,Sendelbach, D.,Wendel, G. D.,Sanchez, P. J. (2013). Prevention of mother-to-infant transmission of influenza during the postpartum period Am J Perinatol, 30(3), 233-40	Study design, Intervention/exposure
363	Capeding, R.,Gepanayao, C. P.,Calimon, N.,Lebumfacil, J.,Davis, A. M.,Stouffer, N.,Harris, B. J. (2010). Lutein-fortified infant formula fed to healthy term infants: evaluation of growth effects and safety Nutr J, 9(#issue#), 22	Intervention/exposure
364	Caplan, L. S.,Erwin, K.,Lense, E.,Hicks, J., Jr. (2008). The potential role of breast-feeding and other factors in helping to reduce early childhood caries J Public Health Dent, 68(4), 238-41	Study design, Intervention/exposure
365	Capozzi, L.,Russo, R.,Bertocco, F.,Ferrara, D.,Ferrara, M. (2010). Diet and iron deficiency in the first year of life: a retrospective study Hematology, 15(6), 410-3	Participant health
366	Capozzi, L.,Russo, R.,Bertocco, F.,Ferrara, D.,Ferrara, M. (2011). Effect on haematological and anthropometric parameters of iron supplementation in the first 2 years of life. Risks and benefits Hematology, 16(5), 261-4	Intervention/exposure
367	Carberry, A. E.,Colditz, P. B.,Lingwood, B. E. (2010). Body composition from birth to 4.5 months in infants born to non-obese women Pediatr Res, 68(1), 84-8	Size of study groups
368	Carling, S. J.,Demment, M. M.,Kjolhede, C. L.,Olson, C. M. (2015). Breastfeeding duration and weight gain trajectory in infancy Pediatrics, 135(1), 111-9	Outcome
369	Carlsen, K. H.,Larsen, S.,Bjerve, O.,Leegaard, J. (1987). Acute bronchiolitis: predisposing factors and characterization of infants at risk Pediatr Pulmonol, 3(3), 153-60	Size of study groups
370	Carlson, S. E.,DeVoe, P. W.,Barness, L. A. (1982). Effect of infant diets with different polyunsaturated to saturated fat ratios on circulating high-density lipoproteins J Pediatr Gastroenterol Nutr, 1(3), 303-9	Size of study groups
371	Carlson, S. E.,Ford, A. J.,Werkman, S. H.,Peeples, J. M.,Koo, W. W. (1996). Visual acuity and fatty acid status of term infants fed human milk and formulas with and without docosahexaenoate and arachidonate from egg yolk lecithin Pediatr Res, 39(5), 882-8	Outcome
372	Carpenter, R.,McGarvey, C.,Mitchell, E. A.,Tappin, D. M.,Vennemann, M. M.,Smuk, M.,Carpenter, J. R. (2013). Bed sharing when parents do not smoke: Is there a risk of SIDS? An individual level analysis of five major case-control studies BMJ Open, 3(5), #Pages#	Outcome
373	Carr, A. (2009). Breastfeeding and the WIC program Breastfeed Med, 4 Suppl 1(#issue#), S57-8	Study design
374	Carrascoza, K. C.,Possobon Rde, F.,Tomita, L. M.,Moraes, A. B. (2006). Consequences of bottle-feeding to the oral facial development of initially breastfed children J Pediatr (Rio J), 82(5), 395-7	Language
375	Carroll, T. P. (1994). Substantially increasing breastfeeding: an accomplishment of the Alabama WIC Program J Hum Lact, 10(2), 129-30	Study design, Outcome

	Full texts screened	Reason for exclusion
376	Carson, C. G. (2013). Risk factors for developing atopic dermatitis Dan Med J, 60(7), B4687	Intervention/exposure
377	Carter, C. S.,Porges, E. C. (2011). Parenthood, stress, and the brain Biol Psychiatry, 70(9), 804-5	Study design
378	Carvalho, R.,Johnson, E.,Kozlosky, M.,Scheimann, A. O. (2008). Clinical profile of the overweight child in the new millennium Clin Pediatr (Phila), 47(5), 476-82	Study design, Participant health
379	Casazza, Krista,Fernandez, Jose R.,Allison, David B. (2012). Modest Protective Effects of Breast-feeding on Obesity: Is the Evidence Truly Supportive? Nutrition Today, 47(1), 33-40 8p	Study design
380	Casiday, R. E.,Wright, C. M.,Panter-Brick, C.,Parkinson, K. N. (2004). Do early infant feeding patterns relate to breast-feeding continuation and weight gain? Data from a longitudinal cohort study Eur J Clin Nutr, 58(9), 1290-6	Outcome
381	Caspi, A.,Williams, B.,Kim-Cohen, J.,Craig, I. W.,Milne, B. J.,Poulton, R.,Schalkwyk, L. C.,Taylor, A.,Werts, H.,Moffitt, T. E. (2007). Moderation of breastfeeding effects on the IQ by genetic variation in fatty acid metabolism Proc Natl Acad Sci U S A, 104(47), 18860-5	Outcome
382	Cassimos, D. C.,Tsalkidis, A.,Tripsianis, G. A.,Stogiannidou, A.,Anthracopoulos, M.,Ktenidou-Kartali, S.,Aivazis, V.,Gardikis, S.,Chatzimichael, A. (2008). Asthma, lung function and sensitization in school children with a history of bronchiolitis Pediatr Int, 50(1), 51-6	Study design
383	Castelo, P. M.,Gaviao, M. B.,Pereira, L. J.,Bonjardim, L. R. (2010). Maximal bite force, facial morphology and sucking habits in young children with functional posterior crossbite J Appl Oral Sci, 18(2), 143-8	Study design, Size of study groups
384	Castiglione, F.,Diaferia, M.,Morace, F.,Labianca, O.,Meucci, C.,Cuomo, A.,Panarese, A.,Romano, M.,Sorrentini, I.,D'Onofrio, C.,Caporaso, N.,Rispo, A. (2012). Risk factors for inflammatory bowel diseases according to the "hygiene hypothesis": a case-control, multi-centre, prospective study in Southern Italy J Crohns Colitis, 6(3), 324-9	Outcome
385	Castillo, C.,Atalah, E.,Riumallo, J.,Castro, R. (1996). Breast-feeding and the nutritional status of nursing children in Chile Bull Pan Am Health Organ, 30(2), 125-33	Study design
386	Castro-Rodriguez, J. A.,Mallol, J.,Rodriguez, J.,Auger, F.,Andrade, R. (2008). Risk factors for X-ray pneumonia in the first year of life and its relation to wheezing: a longitudinal study in a socioeconomic disadvantaged population Allergol Immunopathol (Madr), 36(1), 3-8	Outcome
387	Castro-Rodriguez, J. A.,Stern, D. A.,Halonen, M.,Wright, A. L.,Holberg, C. J.,Taussig, L. M.,Martinez, F. D. (2001). Relation between infantile colic and asthma/atopy: a prospective study in an unselected population Pediatrics, 108(4), 878-82	Outcome
388	Cattaneo, A. (2013). Infant and young child feeding: solid facts Breastfeed Rev, 21(2), 7-9	Study design
389	Cattaneo, A.,Ronfani, L.,Burmaz, T.,Quintero-Romero, S.,Macaluso, A.,Di Mario, S. (2006). Infant feeding and cost of health care: a cohort study Acta Paediatr, 95(5), 540-6	Outcome
390	Cattaneo, A.,Timmer, A.,Bomestar, T.,Bua, J.,Kumar, S.,Tamburlini, G. (2008). Child nutrition in countries of the Commonwealth of Independent States: time to redirect strategies? Public Health Nutr, 11(12), 1209-19	Study design
391	Caudri, D.,Savenije, O. E.,Smit, H. A.,Postma, D. S.,Koppelman, G. H.,Wijga, A. H.,Kerkhof, M.,Gehring, U.,Hoekstra, M. O.,Brunekreef, B.,de Jongste, J. C. (2013). Perinatal risk factors for wheezing phenotypes in the first 8 years of life Clin Exp Allergy, 43(12), 1395-405	Outcome
392	Caulfield, L. E.,Bentley, M. E.,Ahmed, S. (1996). Is prolonged breastfeeding associated with malnutrition? Evidence from nineteen demographic and health surveys Int J Epidemiol, 25(4), 693-703	Study design
393	Caulfield, L. E.,Bose, A.,Chandyo, R. K.,Nesamvuni, C.,de Moraes, M. L.,Turab, A.,Patil, C.,Mahfuz, M.,Ambikapathi, R.,Ahmed, T. (2014). Infant feeding practices, dietary adequacy, and micronutrient status measures in the MAL-ED study Clin Infect Dis, 59 Suppl 4(#issue#), S248-54	Study design

	Full texts screened	Reason for exclusion
394	Cavalcante e Silva, A.,Correia, L. L.,Campos, J. S.,Andrade, F. M.,Silveira, D. M.,Leite, A. J.,Rocha, H. A.,Machado, M. M.,Cunha, A. J. (2015). Reducing child mortality: the contribution of Ceara state, northeast of Brazil, on achieving the Millennium Development Goal 4 in Brazil Matern Child Health J, 19(4), 700-6	Study design
395	Çelikkiran, S.,Bozkurt, H.,Coşkun, M. (2015). Denver developmental test findings and their relationship with sociodemographic variables in a large community sample of 0–4-year-old children Noropsikiyatri Arsivi, 52(2), 180-184	Study design
396	Celikkiran, S.,Bozkurt, H.,Coskun, M. (2015). Denver developmental test findings and their relationship with sociodemographic variables in a large community sample of 0-4-year-old children Noropsikiyatri Arsivi, 52(2), 180-4	Study design
397	Cerrato, P. L. (1992). Preventing food allergies Rn, 55(10), 73-5	Study design
398	Cerrato, P. L. (1993). Does milk cause juvenile diabetes? Rn, 56(1), 69-72	Study design
399	Cesar, J. A.,Victora, C. G.,Barros, F. C.,Santos, I. S.,Flores, J. A. (1999). Impact of breast feeding on admission for pneumonia during postneonatal period in Brazil: nested case-control study BMJ, 318(7194), 1316-20	Intervention/exposure
400	Chaffee, B. W.,Feldens, C. A.,Vitolo, M. R. (2014). Association of long-duration breastfeeding and dental caries estimated with marginal structural models Ann Epidemiol, 24(6), 448-54	Outcome
401	Chaimay, B.,Ruagdaraganon, N.,Thinkhamrop, B.,Thinkhamrop, J. (2015). Association between infant feeding practices and first meaningful words at first year of life: a prospective cohort study of Thai children Asia Pac J Public Health, 27(2), NP1071-84	Outcome
402	Challacombe, D. N.,Mecrow, I. K.,Elliott, K.,Clarke, F. J.,Wheeler, E. E. (1997). Changing infant feeding practices and declining incidence of coeliac disease in West Somerset Arch Dis Child, 77(3), 206-9	Size of study groups, Outcome
403	Chaman, R.,Alami, A.,Emamian, M. H.,Naieni, K. H.,Mirmohammadkhani, M.,Ahmadnezhad, E.,Entezarmahdi, R.,Shati, M.,Shariati, M. (2012). Important risk factors of mortality among children aged 1-59 months in rural areas of Shahroud, Iran: A community-based nested case-control study International Journal of Preventive Medicine, 3(12), 875-879	Outcome
404	Chan, G. M.,Leeper, L.,Book, L. S. (1987). Effects of soy formulas on mineral metabolism in term infants Am J Dis Child, 141(5), 527-30	Size of study groups
405	Chan, G. M.,Roberts, C. C.,Folland, D.,Jackson, R. (1982). Growth and bone mineralization of normal breast-fed infants and the effects of lactation on maternal bone mineral status Am J Clin Nutr, 36(3), 438-43	Size of study groups
406	Chandra J,Jain V,Narayan S,Sharma S,Singh V,Kapoor AK,Batra S (2002). Folate and cobalamin deficiency in megaloblastic anemia in children Indian Pediatr, 39(#issue#), 453-7	Country
407	Chandra, R. K. (1997). Five-year follow-up of high-risk infants with family history of allergy who were exclusively breast-fed or fed partial whey hydrolysate, soy, and conventional cow's milk formulas J Pediatr Gastroenterol Nutr, 24(4), 380-8	Retracted
408	Chandra, R. K.,Hamed, A. (1991). Cumulative incidence of atopic disorders in high risk infants fed whey hydrolysate, soy, and conventional cow milk formulas Ann Allergy, 67(2 Pt 1), 129-32	Intervention/exposure
409	Chandra, R. K.,Puri, S.,Cheema, P. S. (1985). Predictive value of cord blood IgE in the development of atopic disease and role of breast-feeding in its prevention Clin Allergy, 15(6), 517-22	Intervention/exposure
410	Chandra, R. K.,Puri, S.,Hamed, A. (1989). Influence of maternal diet during lactation and use of formula feeds on development of atopic eczema in high risk infants BMJ 1989 Oct 7;299(6704):896 BMJ (Clinical research ed.), 299(6693), 228-30	Retracted
411	Chandra, R. K.,Puri, S.,Suraiya, C.,Cheema, P. S. (1986). Influence of maternal food antigen avoidance during pregnancy and lactation on incidence of atopic eczema in infants Clin Allergy, 16(6), 563-9	Reliability of the data is questionable (other articles by the author retracted)
412	Chandran, L.,Gelfer, P. (2006). Breastfeeding: the essential principles Pediatr Rev, 27(11), 409-17	Study design
413	Chang YT,Germain-Lee EL,Doran TF,Migeon CJ,Levine MA,Berkovitz GD (1992). Hypocalcemia in nonwhite breast-fed infants. Vitamin D deficiency revisited Clin Pediatr (Phila), 31(#issue#), 695-8	Study design

	Full texts screened	Reason for exclusion
414	Chanoine, J. P.,Boulvain, M.,Bourdoux, P.,Pardou, A.,Van Thi, H. V.,Ermans, A. M.,Delange, F. (1988). Increased recall rate at screening for congenital hypothyroidism in breast fed infants born to iodine overloaded mothers Arch Dis Child, 63(10), 1207-10	Study design, Intervention/exposure
415	Chan-Yeung, M.,Ferguson, A.,Watson, A.,Dimich, WArd H.,Dybuncio, A.,Rousseau, R.,Becker, A. (2005). Breastfeeding and risk of asthma and other allergic diseases at aged 7 years in a high-risk birth-cohort [Abstract] American Thoracic Society 2005 International Conference; May 20-25; San Diego, California, #volume#(#issue#), [C49] [Poster: A85]	Publication status
416	Chan-Yeung, M.,Ferguson, A.,Watson, W.,Dimich-Ward, H.,Rousseau, R.,Lilley, M.,Dybuncio, A.,Becker, A. (2005). The Canadian Childhood Asthma Primary Prevention Study: outcomes at 7 years of age J Allergy Clin Immunol, 116(1), 49-55	Intervention/exposure
417	Chan-Yeung, M.,Manfreda, J.,Dimich-Ward, H.,Ferguson, A.,Watson, W.,Becker, A. (2000). A randomized controlled study on the effectiveness of a multifaceted intervention program in the primary prevention of asthma in high-risk infants Arch Pediatr Adolesc Med, 154(7), 657-63	Intervention/exposure
418	Chan-Yip, A.,Gray-Donald, K. (1987). Prevalence of iron deficiency among Chinese children aged 6 to 36 months in Montreal CMAJ, 136(4), 373-8	Intervention/exposure
419	Chaparro, C. M.,Neufeld, L. M.,Tena Alavez, G.,Eguia-Liz Cedillo, R.,Dewey, K. G. (2006). Effect of timing of umbilical cord clamping on iron status in Mexican infants: a randomised controlled trial Lancet, 367(9527), 1997-2004	Intervention/exposure
420	Chapman NL,Barnett DC (1982). In defense of bottle-feeding J Pract Nurs, 32(#issue#), 24-7, 38	Study design
421	Chapman, D. J. (2011). Breastfeeding, brain imaging, and maternal behavior J Hum Lact, 27(3), 304-5	Study design, Outcome
422	Chapman, D. J. (2012). Exclusive breastfeeding through 6 months: infant intake and growth patterns J Hum Lact, 28(2), 132-3	Study design
423	Chapman, D. J. (2012). Longer cumulative breastfeeding duration associated with improved bone strength J Hum Lact, 28(1), 18-9	Study design
424	Chapman, D. J. (2013). Does breastfeeding result in smarter children? A closer look J Hum Lact, 29(4), 444-5	Study design
425	Chapman, D. J.,Morel, K.,Bermudez-Millan, A.,Young, S.,Damio, G.,Perez-Escamilla, R. (2013). Breastfeeding education and support trial for overweight and obese women: a randomized trial Pediatrics, 131(1), e162-70	Intervention/exposure, Outcome
426	Chapman, D. J.,Nommsen-Rivers, L. (2012). Impact of maternal nutritional status on human milk quality and infant outcomes: an update on key nutrients Adv Nutr, 3(3), 351-2	Study design
427	Chatzimichael, A.,Tsalkidis, A.,Cassimos, D.,Gardikis, S.,Tripsianis, G.,Deftereos, S.,Ktenidou-Kartali, S.,Tsanakas, I. (2007). The role of breastfeeding and passive smoking on the development of severe bronchiolitis in infants Minerva Pediatr, 59(3), 199-206	Participant health
428	Chavalittamrong, B.,Jirapinyo, P. (1987). The weight of Thai infants exclusively breast-fed and formula-fed from birth to four months J Med Assoc Thai, 70(5), 247-51	Outcome
429	Chavez-Payan, P.,Grineski, S. E.,Collins, T. W. (2015). Early Life and Environmental Risk Factors Modify the Effect of Acculturation on Hispanic Children's Asthma Hisp Health Care Int, 13(3), 119-30	Study design
430	Chellakooty, M.,Juul, A.,Boisen, K. A.,Damgaard, I. N.,Kai, C. M.,Schmidt, I. M.,Petersen, J. H.,Skakkebæk, N. E.,Main, K. M. (2006). A prospective study of serum insulin-like growth factor I (IGF-I) and IGF-binding protein-3 in 942 healthy infants: Associations with birth weight, gender, growth velocity, and breastfeeding Journal of Clinical Endocrinology and Metabolism, 91(3), 820-826	Study design, Outcome
431	Chen, A.,Rogan, W. J. (2004). Breastfeeding and the risk of postneonatal death in the United States Pediatrics, 113(5), e435-9	Outcome
432	Chen, B. Y.,Chan, C. C.,Han, Y. Y.,Wu, H. P.,Guo, Y. L. (2012). The risk factors and quality of life in children with allergic rhinitis in relation to seasonal attack patterns Paediatr Perinat Epidemiol, 26(2), 146-55	Study design
433	Chen, C. F.,Hsu, M. C.,Shen, C. H.,Wang, C. L.,Chang, S. C.,Wu, K. G.,Wu, S. C.,Chen, S. J. (2011). Influence of breast-feeding on weight loss, jaundice, and waste elimination in neonates Pediatr Neonatol, 52(2), 85-92	Outcome

	Full texts screened	Reason for exclusion
434	Chen, C. J.,Wu, F. T.,Hsiung, C. A.,Chang, W. C.,Wu, H. S.,Wu, C. Y.,Lin, J. S.,Huang, F. C.,Huang, Y. C. (2012). Risk factors for salmonella gastroenteritis in children less than five years of age in Taiwan Pediatr Infect Dis J, 31(12), e239-43	Outcome
435	Chen, K.,Chai, L.,Li, H.,Zhang, Y.,Xie, H. M.,Shang, J.,Tian, W.,Yang, P.,Jiang, A. C. (2015). Effect of bovine lactoferrin from iron-fortified formulas on morbidity of diarrhea and respiratory tract infections of weaned infants in a randomized controlled trial Nutrition, #volume#(#issue#), #Pages#	Outcome
436	Chen, M. (2005). Test a model of breast-feeding duration for Vietnamese mothers in Taiwan Communicating Nursing Research, 38(#issue#), 461-461 1p	Study design
437	Chen, S. M.,Du, J. W.,Jin, Y. M.,Qiu, L.,Du, Z. H.,Li, D. D.,Chen, H. Y.,Watanabe, C.,Umezaki, M. (2015). Risk Factors for Severe Hand-Foot-Mouth Disease in Children in Hainan, China, 2011-2012 Asia Pac J Public Health, 27(7), 715-22	Intervention/exposure, Outcome
438	Chen, X. C.,Liu, D. S.,Fu, A. Z.,Yan, H. C.,Yin, T. A.,Jing, Y. S.,Xu, Q. M. (1989). A longitudinal study on infant growth during the first sixth months of life, in relation to the nutrition of the lactating mothers and to the breastmilk output Prog Food Nutr Sci, 13(2), 113-37	Intervention/exposure
439	Chen, Y. (1989). Synergistic effect of passive smoking and artificial feeding on hospitalization for respiratory illness in early childhood Chest, 95(5), 1004-7	Study design
440	Chen, Y. (1994). Relationship between type of infant feeding and hospitalization for gastroenteritis in Shanghai infants J Hum Lact, 10(3), 177-9	Study design
441	Chen, Y. C.,Tsai, C. H.,Lee, Y. (2012). Gestational medication use, birth conditions, and early postnatal exposures for childhood asthma Clin Dev Immunol, 2012(#issue#), 913426	Intervention/exposure
442	Chen, Y.,Yu, S. Z.,Li, W. X. (1988). Artificial feeding and hospitalization in the first 18 months of life Pediatrics, 81(1), 58-62	Outcome
443	Cheng, S.,Volgyi, E.,Tylavsky, F. A.,Lyytikainen, A.,Tormakangas, T.,Xu, L.,Cheng, S. M.,Kroger, H.,Alen, M.,Kujala, U. M. (2009). Trait-specific tracking and determinants of body composition: a 7-year follow-up study of pubertal growth in girls BMC Med, 7(#issue#), 5	Outcome
444	Cherian, A.,Lawande, R. V. (1987). Diarrhoeal disease in bottle fed children J R Soc Health, 107(2), 62-3	Country
445	Chertok, I. R.,Raz, I.,Shoham, I.,Haddad, H.,Wiznitzer, A. (2009). Effects of early breastfeeding on neonatal glucose levels of term infants born to women with gestational diabetes J Hum Nutr Diet, 22(2), 166-9	Study design, Intervention/exposure
446	Chertok, I. R.,Shoham-Vardi, I. (2008). Infant hospitalization and breastfeeding post-caesarean section Br J Nurs, 17(12), 786-91	Outcome
447	Chesney, R. W. (2003). Rickets: an old form for a new century Pediatr Int, 45(5), 509-11	Study design
448	Chhonker, D.,Faridi, M. M.,Narang, M.,Sharma, S. B. (2015). Does type of feeding in infancy influence lipid profile in later life? Indian J Pediatr, 82(4), 345-8	Country
449	Chiasson, M. A.,Scheinmann, R.,Hartel, D.,McLeod, N.,Sekhobo, J.,Edmunds, L. S.,Findley, S. (2015). Predictors of Obesity in a Cohort of Children Enrolled in WIC as Infants and Retained to 3 Years of Age J Community Health, #volume#(#issue#), #Pages#	Intervention/exposure
450	Chierici, R.,Sawatzki, G.,Tamisari, L.,Volpato, S.,Vigi, V. (1992). Supplementation of an adapted formula with bovine lactoferrin. 2. Effects on serum iron, ferritin and zinc levels Acta Paediatr, 81(6-7), 475-9	Study design, Size of study groups
451	Chierici, R.,Sawatzki, G.,Thurl, S.,Tovar, K.,Vigi, V. (1997). Experimental milk formulae with reduced protein content and desialylated milk proteins: influence on the faecal flora and the growth of term newborn infants Acta Paediatr, 86(6), 557-63	Size of study groups
452	Chin, K. C.,Galea, P.,Goel, K. M. (1981). Changing pattern in infant feeding practices Health Bull (Edinb), 39(1), 51-7	Outcome
453	Chiu, W. C.,Liao, H. F.,Chang, P. J.,Chen, P. C.,Chen, Y. C. (2011). Duration of breast feeding and risk of developmental delay in Taiwanese children: a nationwide birth cohort study Paediatr Perinat Epidemiol, 25(6), 519-27	Study design

	Full texts screened	Reason for exclusion
454	Chivers, P.,Hands, B.,Parker, H.,Bulsara, M.,Beilin, L. J.,Kendall, G. E.,Oddy, W. H. (2010). Body mass index, adiposity rebound and early feeding in a longitudinal cohort (Raine Study) Int J Obes (Lond), 34(7), 1169-76	Intervention/exposure
455	Chmiel, R.,Beyerlein, A.,Knopff, A.,Hummel, S.,Ziegler, A. G.,Winkler, C. (2015). Early infant feeding and risk of developing islet autoimmunity and type 1 diabetes Acta Diabetol, 52(3), 621-4	Outcome
456	Chomtho, S. (2014). Breastfeeding to prevent double burden of malnutrition Southeast Asian J Trop Med Public Health, 45 Suppl 1(#issue#), 132-6	Study design
457	Chong, H. L.,Soo, T. L.,Rasat, R. (2012). Childhood obesity-prevalence among 7 and 8 year old primary school students in Kota Kinabalu Medical Journal of Malaysia, 67(2), 147-150	Study design
458	Christopher, G. C. (2009). First food: the essential role of breastfeeding Breastfeed Med, 4 Suppl 1(#issue#), S9-s10	Study design
459	Chu, L.,Retnakaran, R.,Zinman, B.,Hanley, A. J. G.,Hamilton, J. K. (2012). Impact of maternal physical activity and infant feeding practices on infant weight gain and adiposity International Journal of Endocrinology, 2012(#issue#), #Pages#	Intervention/exposure
460	Chuang, C. H.,Hsieh, W. S.,Chen, Y. C.,Chang, P. J.,Hurng, B. S.,Lin, S. J.,Chen, P. C. (2011). Infant feeding practices and physician diagnosed atopic dermatitis: a prospective cohort study in Taiwan Pediatr Allergy Immunol, 22(1 Pt 1), 43-9	Outcome
461	Chuansumrit, A.,Arnutti, P.,Apivanich, S. (2002). Iron status of one-year-old infants in a well baby clinic J Med Assoc Thai, 85 Suppl 4(#issue#), S1081-8	Study design, Size of study groups
462	Chye, J. K.,Lim, C. T. (1998). Breastfeeding at 6 months and effects on infections Singapore Med J, 39(12), 551-6	Outcome
463	Ciardelli, R.,Haumont, D.,Gnat, D.,Vertongen, F.,Delange, F. (2002). The nutritional iodine supply of Belgian neonates is still insufficient Eur J Pediatr, 161(10), 519-23	Intervention/exposure
464	Cilleruelo, M. L.,Fernandez-Fernandez, S.,Jimenez-Jimenez, J.,Rayo, A. I.,Larramendi, C. H. (2015). Prevalence and Natural History of Celiac Disease in a Cohort of at-Risk Children J Pediatr Gastroenterol Nutr, #volume#(#issue#), #Pages#	Study design
465	Ciria-Martin, A.,Caravia-Bernardo, F.,Alvarez-Castello, M.,Insua-Arregui, C.,Tamargo-Barbeito, T. O.,Massip-Nicot, J. (2012). [Risk factors for recurrent upper airways infections in pre-school children] Rev Alerg Mex, 59(3), 113-22	Language
466	Civelek, E.,Cakir, B.,Orhan, F.,Yuksel, H.,Boz, A. B.,Uner, A.,Sekerel, B. E. (2011). Risk factors for current wheezing and its phenotypes among elementary school children Pediatr Pulmonol, 46(2), 166-74	Study design
467	Clark MJ (1984). A case for breast feeding Ky Nurse, 32(#issue#), 14-5	Study design
468	Clark, K. M.,Castillo, M.,Calatroni, A.,Walter, T.,Cayazzo, M.,Pino, P.,Lozoff, B. (2006). Breast-feeding and mental and motor development at 51/2 years Ambul Pediatr, 6(2), 65-71	Intervention/exposure
469	Clark-Kellerman, M. J. (1985). A case for formula feeding Ky Nurse, 33(3), 13-4	Study design
470	Clavano, N. R. (1982). Mode of feeding and its effect on infant mortality and morbidity J Trop Pediatr, 28(6), 287-93	Country
471	Closa-Monasterolo, R.,Gispert-Llaurado, M.,Luque, V.,Ferre, N.,Rubio-Torrents, C.,Zaragoza-Jordana, M.,Escribano, J. (2013). Safety and efficacy of inulin and oligofructose supplementation in infant formula: results from a randomized clinical trial Clin Nutr, 32(6), 918-27	Intervention/exposure, Outcome
472	Close, C. (1987). Babies, bottles, and boobs Br Med J (Clin Res Ed), 295(6613), 1666-7	Study design
473	Cochi, S. L.,Fleming, D. W.,Hightower, A. W.,Limpakarnjanarat, K.,Facklam, R. R.,Smith, J. D.,Sikes, R. K.,Broome, C. V. (1986). Primary invasive Haemophilus influenzae type b disease: a population-based assessment of risk factors J Pediatr, 108(6), 887-96	Outcome
474	Cockburn F,Belton NR,Purvis RJ,Giles MM,Brown JK,Turner TL,Wilkinson EM,Forfar JO,Barrie WJ,McKay GS,Pocock SJ (1980). Maternal vitamin D intake and mineral metabolism in mothers and their newborn infants Br Med J, 281(#issue#), 11-4	Size of study groups, Intervention/exposure
475	Cockburn, F. (1994). Neonatal brain and dietary lipids Arch Dis Child Fetal Neonatal Ed, 70(1), F1-2	Study design

	Full texts screened	Reason for exclusion
476	Codispoti, C. D.,Levin, L.,LeMasters, G. K.,Ryan, P.,Reponen, T.,Villareal, M.,Burkle, J.,Stanforth, S.,Lockey, J. E.,Khurana Hershey, G. K.,Bernstein, D. I. (2010). Breast-feeding, aeroallergen sensitization, and environmental exposures during infancy are determinants of childhood allergic rhinitis J Allergy Clin Immunol, 125(5), 1054-1060 e1	Outcome
477	Cogswell, J. J.,Mitchell, E. B.,Alexander, J. (1987). Parental smoking, breast feeding, and respiratory infection in development of allergic diseases Arch Dis Child, 62(4), 338-44	Intervention/exposure
478	Colchero, M. A.,Contreras-Loya, D.,Lopez-Gatell, H.,Gonzalez de Cosio, T. (2015). The costs of inadequate breastfeeding of infants in Mexico Am J Clin Nutr, 101(3), 579-86	Study design
479	Colen, C. G.,Ramey, D. M. (2014). Is breast truly best? Estimating the effects of breastfeeding on long-term child health and wellbeing in the United States using sibling comparisons Soc Sci Med, 109(#issue#), 55-65	Outcome
480	Collipp, P. J.,Kuo, B.,Castro-Magana, M.,Chen, S. Y.,Salvatore, S. (1983). Hair zinc levels in infants Clin Pediatr (Phila), 22(7), 512-3	Study design
481	Cone, T. E., Jr. (1981). The nursing bottle caries syndrome JAMA, 245(22), 2334	Study design
482	Connolly, C. (2005). Saving babies: child-saving and infant nutrition Pediatr Nurs, 31(4), 309-11	Study design
483	Connor, S. L.,Zhu, N.,Anderson, G. J.,Hamill, D.,Jaffe, E.,Carlson, J.,Connor, W. E. (2000). Cheek cell phospholipids in human infants: a marker of docosahexaenoic and arachidonic acids in the diet, plasma, and red blood cells Am J Clin Nutr, 71(1), 21-7	Size of study groups
484	Conover B (1992). Exposures during pregnancy and lactation Nebr Med J, 77(#issue#), 65-7	Study design
485	Coombes R (1999). Bottling out over formula feed Nurs Times, 95(#issue#), 12-3	Study design
486	Coppi, S.,Iacoponi, F.,Fommei, C.,Strambi, M. (2013). Growth trend during the first six months of life in male infants with different type of feeding Minerva Pediatr, 65(1), 51-9	Outcome
487	Cornish, R. P.,Tilling, K.,Boyd, A.,Davies, A.,Macleod, J. (2015). Using linked educational attainment data to reduce bias due to missing outcome data in estimates of the association between the duration of breastfeeding and IQ at 15 years Int J Epidemiol, 44(3), 937-45	Outcome
488	Corrao, G.,Tragnone, A.,Caprilli, R.,Trallori, G.,Papi, C.,Andreoli, A.,Di Paolo, M.,Riegler, G.,Rigo, G. P.,Ferrau, O.,Mansi, C.,Ingrosso, M.,Valpiani, D. (1998). Risk of inflammatory bowel disease attributable to smoking, oral contraception and breastfeeding in Italy: a nationwide case-control study. Cooperative Investigators of the Italian Group for the Study of the Colon and the Rectum (GISC) Int J Epidemiol, 27(3), 397-404	Intervention/exposure
489	Correa-Faria, P.,Martins-Junior, P. A.,Vieira-Andrade, R. G.,Marques, L. S.,Ramos-Jorge, M. L. (2013). Perinatal factors associated with developmental defects of enamel in primary teeth: a case-control study Braz Oral Res, 27(4), 363-8	Outcome
490	Corvalan, C.,Kain, J.,Weisstaub, G.,Uauy, R. (2009). Impact of growth patterns and early diet on obesity and cardiovascular risk factors in young children from developing countries Proc Nutr Soc, 68(3), 327-37	Study design
491	Corvalan, C.,Uauy, R.,Stein, A. D.,Kain, J.,Martorell, R. (2009). Effect of growth on cardiometabolic status at 4 y of age Am J Clin Nutr, 90(3), 547-55	Study design
492	Costeira, M. J.,Oliveira, P.,Ares, S.,de Escobar, G. M.,Palha, J. A. (2009). Iodine status of pregnant women and their progeny in the Minho Region of Portugal Thyroid, 19(2), 157-63	Size of study groups, Intervention/exposure
493	Counsilman, J. J.,Chan, S. Y.,Haiyon, H.,Rahim, N. A.,Salim, R.,Tai, T. Y.,Tan, M. L.,Zainy, Z.,Viegas, O. (1986). Breast feeding among poor Singaporeans J Trop Pediatr, 32(6), 310-2	Outcome
494	Counsilman, J. J.,Chua, S.,Viegas, O. (1986). Breast feeding among well-to-do Singaporeans J Trop Pediatr, 32(6), 313-6	Outcome
495	Counter, S. A.,Buchanan, L. H.,Ortega, F. (2004). Current pediatric and maternal lead levels in blood and breast milk in Andean inhabitants of a lead-glazing enclave J Occup Environ Med, 46(9), 967-73	Study design, Intervention/exposure

	Full texts screened	Reason for exclusion
496	Couper, J. J.,Beresford, S.,Hirte, C.,Baghurst, P. A.,Pollard, A.,Tait, B. D.,Harrison, L. C.,Colman, P. G. (2009). Weight gain in early life predicts risk of islet autoimmunity in children with a first-degree relative with type 1 diabetes Diabetes Care, 32(1), 94-9	Outcome
497	Couper, J. J.,Steele, C.,Beresford, S.,Powell, T.,McCaul, K.,Pollard, A.,Gellert, S.,Tait, B.,Harrison, L. C.,Colman, P. G. (1999). Lack of association between duration of breast-feeding or introduction of cow's milk and development of islet autoimmunity Diabetes, 48(11), 2145-9	Outcome
498	Courage, M. L.,McCloy, U. R.,Herzberg, G. R.,Andrews, W. L.,Simmons, B. S.,McDonald, A. C.,Mercer, C. N.,Friel, J. K. (1998). Visual acuity development and fatty acid composition of erythrocytes in full-term infants fed breast milk, commercial formula, or evaporated milk J Dev Behav Pediatr, 19(1), 9-17	Outcome
499	Cowden, M. (1982). Infant feeding Midwives Chron, 95(1136), 319-20	Study design
500	Crestani, A. H.,Souza, A. P.,Beltrami, L.,Moraes, A. B. (2012). Analysis of the association among types of breastfeeding, presence of child development risk, socioeconomic and obstetric variables J Soc Bras Fonoaudiol, 24(3), 205-10	Study design, Outcome
501	Crewe, E.,Murphy, A. M. (1980). Further studies on neonatal rotavirus infections Med J Aust, 1(2), 61-3	Study design, Outcome
502	Crocker, B.,Green, T. J.,Barr, S. I.,Beckingham, B.,Bhagat, R.,Dabrowska, B.,Douthwaite, R.,Evanson, C.,Friesen, R.,Hydamaka, K.,Li, W.,Simmons, K.,Tse, L. (2011). Very high vitamin D supplementation rates among infants aged 2 months in Vancouver and Richmond, British Columbia, Canada BMC Public Health, 11(#issue#), 905	Study design, Outcome
503	Crossland, D. S.,Richmond, S.,Hudson, M.,Smith, K.,Abu-Harb, M. (2008). Weight change in the term baby in the first 2 weeks of life Acta Paediatr, 97(4), 425-9	Outcome
504	Crouch, A. A.,Seow, W. K.,Whitman, L. M.,Thong, Y. H. (1991). Effect of human milk and infant milk formulae on adherence of Giardia intestinalis Trans R Soc Trop Med Hyg, 85(5), 617-9	Non-human sample, Intervention/exposure
505	Crouch, S.,Lightfoot, T.,Simpson, J.,Smith, A.,Ansell, P.,Roman, E. (2012). Infectious illness in children subsequently diagnosed with acute lymphoblastic leukemia: modeling the trends from birth to diagnosis Am J Epidemiol, 176(5), 402-8	Intervention/exposure
506	Crow, D. R. (1992). Baby bottle tooth decay prevention--a new program for the Texas Department of Health Tex Dent J, 109(8), 141	Study design
507	Croxatto, H. B.,Diaz, S.,Peralta, O.,Juez, G.,Herreros, C.,Casado, M. E.,Salvatierra, A. M.,Miranda, P.,Duran, E. (1983). Fertility regulation in nursing women: IV. Long-term influence of a low-dose combined oral contraceptive initiated at day 30 postpartum upon lactation and infant growth Contraception, 27(1), 13-25	Intervention/exposure
508	Crume, T. L.,Bahr, T. M.,Mayer-Davis, E. J.,Hamman, R. F.,Scherzinger, A. L.,Stamm, E.,Dabelea, D. (2012). Selective protection against extremes in childhood body size, abdominal fat deposition, and fat patterning in breastfed children Arch Pediatr Adolesc Med, 166(5), 437-43	Study design
509	Crume, T. L.,Ogden, L. G.,Mayer-Davis, E. J.,Hamman, R. F.,Norris, J. M.,Bischoff, K. J.,McDuffie, R.,Dabelea, D. (2012). The impact of neonatal breast-feeding on growth trajectories of youth exposed and unexposed to diabetes in utero: the EPOCH Study Int J Obes (Lond), 36(4), 529-34	Intervention/exposure
510	Crume, T. L.,Ogden, L.,Maligie, M.,Sheffield, S.,Bischoff, K. J.,McDuffie, R.,Daniels, S.,Hamman, R. F.,Norris, J. M.,Dabelea, D. (2011). Long-term impact of neonatal breastfeeding on childhood adiposity and fat distribution among children exposed to diabetes in utero Diabetes Care, 34(3), 641-5	Study design, Intervention/exposure
511	Cruz, M. L.,Wong, W. W.,Mimouni, F.,Hachey, D. L.,Setchell, K. D.,Klein, P. D.,Tsang, R. C. (1994). Effects of infant nutrition on cholesterol synthesis rates Pediatr Res, 35(2), 135-40	Size of study groups
512	Cuhaci Çakir, B.,Beyazova, U.,Kemalo?lu, Y. K.,Özkan, S.,Gündüz, B.,Özdek, A. (2012). Effectiveness of pandemic influenza A/H1N1 vaccine for prevention of otitis media in children European journal of pediatrics, 171(11), 1667-71	Intervention/exposure

	Full texts screened	Reason for exclusion
513	Cullinan, T. R.,Saunders, D. I. (1983). Prediction of infant hospital admission risk Arch Dis Child, 58(6), 423-7	Study design, Intervention/exposure
514	Cunningham, A. S. (1987). Breast-feeding and health J Pediatr, 110(4), 658-9	Study design
515	Curtis, J. A.,Kooh, S. W.,Fraser, D.,Greenberg, M. L. (1983). Nutritional rickets in vegetarian children Can Med Assoc J, 128(2), 150-2	Study design
516	Cushing, A. H.,Anderson, L. (1982). Diarrhea in breast-fed and non-breast-fed infants Pediatrics, 70(6), 921-5	Size of study groups
517	Cushing, A. H.,Samet, J. M.,Lambert, W. E.,Skipper, B. J.,Hunt, W. C.,Young, S. A.,McLaren, L. C. (1998). Breastfeeding reduces risk of respiratory illness in infants Am J Epidemiol, 147(9), 863-70	Outcome
518	Cutting, W. A. (2002). Cholera and breastfeeding Trop Doct, 32(1), 57-8	Study design
519	da Costa Lima, R.,Victora, C. G.,Menezes, A. M.,Barros, F. C. (2003). Do risk factors for childhood infections and malnutrition protect against asthma? A study of Brazilian male adolescents Am J Public Health, 93(11), 1858-64	Outcome
520	Dada, J. H. (2010). Nutrition and type 1 diabetes: can diet reduce risk? Today's Dietitian, 12(8), 36-39 4p	Study design
521	Dadhich, J. P.,Agarwal, R. K. (2009). Mainstreaming early and exclusive breastfeeding for improving child survival Indian Pediatr, 46(1), 11-7	Country, Study design
522	Daga, S. R. (1989). Reduction in neonatal mortality by simple interventions J Biosoc Sci Suppl, 10(#issue#), 127-36	Country
523	Daga, S. R.,Daga, A. S. (1989). Reduction in neonatal mortality with simple interventions J Trop Pediatr, 35(4), 191-6	Country, Study design
524	Dagan, R.,Pridan, H. (1982). Relationship of breast feeding versus bottle feeding with emergency room visits and hospitalization for infectious diseases Eur J Pediatr, 139(3), 192-4	Outcome
525	Dahlquist, G.,Blom, L.,Lonnberg, G. (1991). The Swedish Childhood Diabetes Study--a multivariate analysis of risk determinants for diabetes in different age groups Diabetologia, 34(10), 757-62	Outcome
526	Dahlquist, G.,Mustonen, L. (2000). Analysis of 20 years of prospective registration of childhood onset diabetes time trends and birth cohort effects. Swedish Childhood Diabetes Study Group Acta Paediatr, 89(10), 1231-7	Study design, Intervention/exposure
527	Dahlquist, G.,Savilahti, E.,Landin-Olsson, M. (1992). An increased level of antibodies to β-lactoglobulin is a risk determinant for early-onset Type 1 (insulin-dependent) diabetes mellitus independent of islet cell antibodies and early introduction of cow's milk Diabetologia, 35(10), 980-984	Intervention/exposure, Outcome
528	Dallaire, R.,Muckle, G.,Rouget, F.,Kadhel, P.,Bataille, H.,Guldner, L.,Seurin, S.,Chajes, V.,Monfort, C.,Boucher, O.,Thome, J. P.,Jacobson, S. W.,Multigner, L.,Cordier, S. (2012). Cognitive, visual, and motor development of 7-month-old Guadeloupean infants exposed to chlordecone Environ Res, 118(#issue#), 79-85	Study design, Intervention/exposure
529	Dalmeijer, G. W.,Wijga, A. H.,Gehring, U.,Renders, C. M.,Koppelman, G. H.,Smit, H. A.,van Rossem, L. (2015). Fatty acid composition in breastfeeding and school performance in children aged 12 years Eur J Nutr, #volume#(#issue#), #Pages#	Outcome
530	Daly, K. A.,Rich, S. S.,Levine, S.,Margolis, R. H.,Le, C. T.,Lindgren, B.,Giebink, G. S. (1996). The family study of otitis media: design and disease and risk factor profiles Genet Epidemiol, 13(5), 451-68	Study design, Participant health
531	Damore, D.,Mansbach, J. M.,Clark, S.,Ramundo, M.,Camargo, C. A., Jr. (2008). Prospective multicenter bronchiolitis study: predicting intensive care unit admissions Acad Emerg Med, 15(10), 887-94	Study design
532	Daniels, L. A.,Mallan, K. M.,Nicholson, J. M.,Battistutta, D.,Magarey, A. (2013). Outcomes of an early feeding practices intervention to prevent childhood obesity Pediatrics, 132(1), e109-e118	Intervention/exposure
533	Darmstadt, G. L.,Munar, W. (2013). Behavior change and community participation: Assessing causal pathways affecting neonatal mortality JAMA - Journal of the American Medical Association, 310(9), 969-70	Study design
534	Darnall, B. D.,Schatman, M. E. (2015). Protecting the infant from unknown risks Pain Med, 16(4), 631-2	Study design

	Full texts screened	Reason for exclusion
535	DaVanzo, J.,Habicht, J. P. (1986). Infant mortality decline in Malaysia, 1946-1975: the roles of changes in variables and changes in the structure of relationships Demography, 23(2), 143-60	Study design, Intervention/exposure
536	Davanzo, R.,Cannioto, Z.,Ronfani, L.,Monasta, L.,Demarini, S. (2013). Breastfeeding and neonatal weight loss in healthy term infants J Hum Lact, 29(1), 45-53	Intervention/exposure
537	David, C. B.,David, P. H.,el Lozy, M. (1983). Determinants of breastfeeding duration and nutrition in a transition society J Trop Pediatr, 29(1), 45-9	Country
538	Davidson, R.,Roberts, S. E.,Wotton, C. J.,Goldacre, M. J. (2010). Influence of maternal and perinatal factors on subsequent hospitalisation for asthma in children: evidence from the Oxford record linkage study BMC Pulm Med, 10(#issue#), 14	Intervention/exposure
539	Davis, D. W.,Bell, P. A. (1991). Infant feeding practices and occlusal outcomes: a longitudinal study J Can Dent Assoc, 57(7), 593-4	Outcome
540	Davis, J. (2014). Well advised: a journey to breastfeeding success Pract Midwife, 17(8), 34, 36-8	Study design
541	Davis, J. N.,Gunderson, E. P.,Gyllenhammer, L. E.,Goran, M. I. (2013). Impact of gestational diabetes mellitus on pubertal changes in adiposity and metabolic profiles in Latino offspring J Pediatr, 162(4), 741-5	Study design, Intervention/exposure
542	Davis, J. N.,Weigensberg, M. J.,Shaibi, G. Q.,Crespo, N. C.,Kelly, L. A.,Lane, C. J.,Goran, M. I. (2007). Influence of breastfeeding on obesity and type 2 diabetes risk factors in Latino youth with a family history of type 2 diabetes Diabetes Care, 30(4), 784-9	Outcome
543	Davis, J. N.,Whaley, S. E.,Goran, M. I. (2012). Effects of breastfeeding and low sugar-sweetened beverage intake on obesity prevalence in Hispanic toddlers Am J Clin Nutr, 95(1), 3-8	Study design
544	Davis, J. R., Jr.,Goldenring, J.,Lubin, B. H. (1981). Nutritional vitamin B12 deficiency in infants Am J Dis Child, 135(6), 566-7	Study design
545	Davis, M. K.,Savitz, D. A.,Graubard, B. I. (1988). Infant feeding and childhood cancer Lancet, 2(8607), 365-8	Outcome
546	Davis, R. E.,Icke, G. C.,Hilton, J. M.,Orr, E. (1986). Serum thiamin, pyridoxal, cobalamin and folate concentrations in young infants Acta Paediatr Scand, 75(3), 402-7	Study design, Intervention/exposure
547	Dawodu, A.,Davidson, B.,Woo, J. G.,Peng, Y. M.,Ruiz-Palacios, G. M.,de Lourdes Guerrero, M.,Morrow, A. L. (2015). Sun exposure and vitamin D supplementation in relation to vitamin D status of breastfeeding mothers and infants in the global exploration of human milk study Nutrients, 7(2), 1081-93	Intervention/exposure
548	Dawodu, A.,Zalla, L.,Woo, J. G.,Herbers, P. M.,Davidson, B. S.,Heubi, J. E.,Morrow, A. L. (2014). Heightened attention to supplementation is needed to improve the vitamin D status of breastfeeding mothers and infants when sunshine exposure is restricted Matern Child Nutr, 10(3), 383-97	Intervention/exposure
549	de Beer, M.,Vrijkotte, T. G.,Fall, C. H.,van Eijsden, M.,Osmond, C.,Gemke, R. J. (2015). Associations of infant feeding and timing of linear growth and relative weight gain during early life with childhood body composition Int J Obes (Lond), 39(4), 586-92	Intervention/exposure
550	de Boer, R. (2011). A topic in 10 questions: assessing common dietary deficiencies J Fam Health Care, 21(6), 28-9	Study design
551	de Bruin, N. C.,Degenhart, H. J.,Gal, S.,Westerterp, K. R.,Stijnen, T.,Visser, H. K. (1998). Energy utilization and growth in breast-fed and formula-fed infants measured prospectively during the first year of life Am J Clin Nutr, 67(5), 885-96	Size of study groups
552	de Fátima Buco Busto Moreno, Patrícia,Trombini Schmidt, Kayna (2014). BREAST-FEEDING AND FACTORS RELATED TO EARLY WEANING Cogitare Enfermagem, 19(3), 531-537 7p	Size of study groups, Outcome
553	de Freitas, C. L.,Romani, S.,Amigo, H. (1986). Breast-feeding and malnutrition in rural areas of northeast Brazil Bull Pan Am Health Organ, 20(2), 138-46	Study design, Outcome
554	de Hoog, M. L.,van Eijsden, M.,Stronks, K.,Gemke, R. J.,Vrijkotte, T. G. (2011). The role of infant feeding practices in the explanation for ethnic differences in infant growth: the Amsterdam Born Children and their Development study Br J Nutr, 106(10), 1592-601	Outcome

	Full texts screened	Reason for exclusion
555	de Jong, C.,Boehm, G.,Kikkert, H. K.,Hadders-Algra, M. (2011). The Groningen LCPUFA study: No effect of short-term postnatal long-chain polyunsaturated fatty acids in healthy term infants on cardiovascular and anthropometric development at 9 years Pediatr Res, 70(4), 411-6	Outcome
556	de Jong, C.,Kikkert, H. K.,Fidler, V.,Hadders-Algra, M. (2010). The Groningen LCPUFA study: no effect of postnatal long-chain polyunsaturated fatty acids in healthy term infants on neurological condition at 9 years Br J Nutr, 104(4), 566-72	Outcome
557	de Jong, C.,Kikkert, H. K.,Fidler, V.,Hadders-Algra, M. (2012). Effects of long-chain polyunsaturated fatty acid supplementation of infant formula on cognition and behaviour at 9 years of age Dev Med Child Neurol, 54(12), 1102-8	Outcome
558	de Jonge, L. L.,Langhout, M. A.,Taal, H. R.,Franco, O. H.,Raat, H.,Hofman, A.,van Osch-Gevers, L.,Jaddoe, V. W. (2013). Infant feeding patterns are associated with cardiovascular structures and function in childhood J Nutr, 143(12), 1959-65	Outcome
559	de Jonge, L. L.,van Osch-Gevers, L.,Geelhoed, J. J.,Hofman, A.,Steegers, E. A.,Helbing, W. A.,Jaddoe, V. W. (2010). Breastfeeding is not associated with left cardiac structures and blood pressure during the first two years of life. The Generation R Study Early Hum Dev, 86(8), 463-8	Outcome
560	De Kroon, M. L.,Renders, C. M.,Buskermolen, M. P.,Van Wouwe, J. P.,van Buuren, S.,Hirasing, R. A. (2011). The Terneuzen Birth Cohort. Longer exclusive breastfeeding duration is associated with leaner body mass and a healthier diet in young adulthood BMC Pediatr, 11(#issue#), 33	Intervention/exposure
561	de la Hunty, A. (2009). The EU Childhood Obesity Project Nutrition Bulletin, 34(4), 403-406 4p	Study design, Intervention/exposure
562	de Lima, L. F.,Barbosa, F., Jr.,Navarro, A. M. (2013). Excess iodinuria in infants and its relation to the iodine in maternal milk J Trace Elem Med Biol, 27(3), 221-5	Study design, Size of study groups
563	de Looy, A. E. (1986). Infant nutrition Nursing (Lond), 3(12), 446-9	Study design
564	De Lucia Rolfe, E.,Modi, N.,Uthaya, S.,Hughes, I. A.,Dunger, D. B.,Acerini, C.,Stolk, R. P.,Ong, K. K. (2013). Ultrasound estimates of visceral and subcutaneous-abdominal adipose tissues in infancy J Obes, 2013(#issue#), 951954	Intervention/exposure
565	de Melo, M. C. N.,Taddei, J. A. A. C.,Diniz-Santos, D. R.,Vieira, C.,Carneiro, N. B.,Melo, R. F.,Silva, L. R. (2008). Incidence of diarrhea in children living in urban slums in Salvador, Brazil Brazilian Journal of Infectious Diseases, 12(1), 89-93	Intervention/exposure
566	de Oliveira Bezerra, Joana Lidyanne,De Vasconcelos, Maria Gorete Lucena,Pereira Linhares, Francisca Márcia,Javorski, Marly,Leal, Luciana Pedrosa (2014). Maternal perception of their children's body image in exclusive breastfeeding Acta Paulista de Enfermagem, 27(4), 293-299 7p	Study design
567	de Oliveira, D. M.,Dahan, P.,Ferreira, D. F.,de Oliveira, L. F.,de Paula, L. I.,de Figueiredo, A. A.,de Bessa, J., Jr.,Bastos Netto, J. M. (2015). Association between exclusive maternal breastfeeding during the first 4 months of life and primary enuresis J Pediatr Urol, #volume#(#issue#), #Pages#	Outcome
568	de Rooy, L.,Hawdon, J. (2002). Nutritional factors that affect the postnatal metabolic adaptation of full-term small- and large-for-gestational-age infants Pediatrics, 109(3), E42	Size of study groups, Outcome
569	De Souza, A. C.,Petersont, K. E.,Cufino, E.,do Amaral, M. I.,Gardner, J. (2001). Underlying and proximate determinants of diarrhoea-specific infant mortality rates among municipalities in the state of Ceara, north-east Brazil: an ecological study J Biosoc Sci, 33(2), 227-44	Study design, Intervention/exposure
570	Deacon C (2001). Breastfeeding. Are we just bottling out? Nurs Times, 97(#issue#), 26-7	Study design
571	Decker, E.,Engelmann, G.,Findeisen, A.,Gerner, P.,Laaß, M.,Ney, D.,Posovszky, C.,Hoy, L.,Hornef, M. W. (2010). Cesarean delivery is associated with celiac disease but not inflammatory bowel disease in children Pediatrics, 125(6), e1433-e1440	Outcome
572	Decsi, T.,Kelemen, B.,Minda, H.,Burus, I. (2000). Long term effect of breast feeding on essential fatty acid status in healthy, full-term infants Adv Exp Med Biol, 478(#issue#), 397-8	Study design, Size of study groups

	Full texts screened	Reason for exclusion
573	Decsi, T.,Kelemen, B.,Minda, H.,Burus, I.,Kohn, G. (2000). Effect of type of early infant feeding on fatty acid composition of plasma lipid classes in full-term infants during the second 6 months of life J Pediatr Gastroenterol Nutr, 30(5), 547-51	Size of study groups
574	Decsi, T.,Koletzko, B. (1995). Growth, fatty acid composition of plasma lipid classes, and plasma retinol and alpha-tocopherol concentrations in full-term infants fed formula enriched with omega-6 and omega-3 long-chain polyunsaturated fatty acids Acta Paediatr, 84(7), 725-32	Size of study groups, Intervention/exposure
575	Decsi, T.,Thiel, I.,Koletzko, B. (1995). Essential fatty acids in full term infants fed breast milk or formula Arch Dis Child Fetal Neonatal Ed, 72(1), F23-8	Size of study groups, Intervention/exposure
576	Dedoussis, G. V.,Yannakoulia, M.,Timpson, N. J.,Manios, Y.,Kanoni, S.,Scott, R. A.,Papoutsakis, C.,Deloukas, P.,Pitsiladis, Y. P.,Davey-Smith, G.,Hirschhorn, J. N.,Lyon, H. N. (2011). Does a short breastfeeding period protect from FTO-induced adiposity in children? Int J Pediatr Obes, 6(2-2), e326-35	Study design
577	Deegan, K. L.,Jones, K. M.,Zuleta, C.,Ramirez-Zea, M.,Lildballe, D. L.,Nexo, E.,Allen, L. H. (2012). Breast milk vitamin B-12 concentrations in Guatemalan women are correlated with maternal but not infant vitamin B-12 status at 12 months postpartum J Nutr, 142(1), 112-6	Country
578	Deliu, M.,Belgrave, D.,Simpson, A.,Murray, C. S.,Kerry, G.,Custovic, A. (2014). Impact of rhinitis on asthma severity in school-age children Allergy, 69(11), 1515-21	Outcome
579	Dell, S.,To, T. (2001). Breastfeeding and asthma in young children: findings from a population-based study Arch Pediatr Adolesc Med, 155(11), 1261-5	Study design
580	De-Lucchi C,Pita ML,Faus MJ,Periago JL,Gil A (1988). Influences of diet and postnatal age on the lipid composition of red blood cell membrane in newborn infants Ann Nutr Metab, 32(#issue#), 231-9	Study design
581	DeLucchi, C.,Pita, M. L.,Faus, M. J.,Molina, J. A.,Uauy, R.,Gil, A. (1987). Effects of dietary nucleotides on the fatty acid composition of erythrocyte membrane lipids in term infants J Pediatr Gastroenterol Nutr, 6(4), 568-74	Size of study groups
582	Demir, A. U.,Celikel, S.,Karakaya, G.,Kalyoncu, A. F. (2010). Asthma and allergic diseases in school children from 1992 to 2007 with incidence data J Asthma, 47(10), 1128-35	Study design
583	Demment, M. M.,Haas, J. D.,Olson, C. M. (2014). Changes in family income status and the development of overweight and obesity from 2 to 15 years: a longitudinal study BMC Public Health, 14(#issue#), 417	Intervention/exposure
584	Demmers, T. A.,Jones, P. J.,Wang, Y.,Krug, S.,Creutzinger, V.,Heubi, J. E. (2005). Effects of early cholesterol intake on cholesterol biosynthesis and plasma lipids among infants until 18 months of age Pediatrics, 115(6), 1594-601	Size of study groups
585	Dennehy, P. H.,Cortese, M. M.,Begue, R. E.,Jaeger, J. L.,Roberts, N. E.,Zhang, R.,Rhodes, P.,Gentsch, J.,Ward, R.,Bernstein, D. I.,Vitek, C.,Bresee, J. S.,Staat, M. A. (2006). A case-control study to determine risk factors for hospitalization for rotavirus gastroenteritis in U.S. children Pediatr Infect Dis J, 25(12), 1123-31	Intervention/exposure
586	Der, G.,Batty, G. D.,Deary, I. J. (2006). Effect of breast feeding on intelligence in children: Prospective study, sibling pairs analysis, and meta-analysis British Medical Journal, 333(7575), 945-948	Outcome
587	Derkson, G. D.,Ponti, P. (1982). Nursing bottle syndrome; prevalence and etiology in a non-fluoridated city J Can Dent Assoc, 48(6), 389-93	Study design
588	Deshpande, W. (2008). Exclusive breastfeeding for the first six months Community Pract, 81(5), 34-6	Study design
589	Dewailly, E.,Ayotte, P.,Bruneau, S.,Gingras, S.,Belles-Isles, M.,Roy, R. (2000). Susceptibility to infections and immune status in Inuit infants exposed to organochlorines Environ Health Perspect, 108(3), 205-11	Outcome
590	Dewey, K. G. (2000). Complementary feeding and breastfeeding Pediatrics, 106(5), 1301	Study design
591	Dewey, K. G.,Hawck, M. G.,Brown, K. H.,Lartey, A.,Cohen, R. J.,Peerson, J. M. (2005). Infant weight-for-length is positively associated with subsequent linear growth across four different populations Matern Child Nutr, 1(1), 11-20	Intervention/exposure

	Full texts screened	Reason for exclusion
592	Dewey, K. G.,Heinig, M. J.,Nommsen, L. A.,Lonnerdal, B. (1991). Adequacy of energy intake among breast-fed infants in the DARLING study: relationships to growth velocity, morbidity, and activity levels. Davis Area Research on Lactation, Infant Nutrition and Growth J Pediatr, 119(4), 538-47	Intervention/exposure
593	Dewey, K. G.,Heinig, M. J.,Nommsen, L. A.,Peerson, J. M.,Lonnerdal, B. (1992). Growth of breast-fed and formula-fed infants from 0 to 18 months: the DARLING Study Pediatrics, 89(6 Pt 1), 1035-41	Intervention/exposure
594	Dewey, K. G.,Heinig, M. J.,Nommsen, L. A.,Peerson, J. M.,Lonnerdal, B. (1993). Breast-fed infants are leaner than formula-fed infants at 1 y of age: the DARLING study Am J Clin Nutr, 57(2), 140-5	Intervention/exposure
595	Dewey, K. G.,Heinig, M. J.,Nommsen-Rivers, L. A. (1995). Differences in morbidity between breast-fed and formula-fed infants J Pediatr, 126(5 Pt 1), 696-702	Intervention/exposure
596	Dewey, K. G.,Nommsen-Rivers, L. A.,Heinig, M. J.,Cohen, R. J. (2003). Risk factors for suboptimal infant breastfeeding behavior, delayed onset of lactation, and excess neonatal weight loss Pediatrics, 112(3 Pt 1), 607-19	Intervention/exposure
597	Dewey, K. G.,Peerson, J. M.,Brown, K. H.,Krebs, N. F.,Michaelsen, K. F.,Persson, L. A.,Salmenpera, L.,Whitehead, R. G.,Yeung, D. L. (1995). Growth of breast-fed infants deviates from current reference data: a pooled analysis of US, Canadian, and European data sets. World Health Organization Working Group on Infant Growth Pediatrics, 96(3 Pt 1), 495-503	Study design
598	Dewey, K. G.,Peerson, J. M.,Heinig, M. J.,Nommsen, L. A.,Lonnerdal, B.,Lopez de Romana, G.,de Kanashiro, H. C.,Black, R. E.,Brown, K. H. (1992). Growth patterns of breast-fed infants in affluent (United States) and poor (Peru) communities: implications for timing of complementary feeding Am J Clin Nutr, 56(6), 1012-8	Study design, Intervention/exposure
599	Dharmage, S. C.,Rajapaksa, L. C.,Fernando, D. N. (1996). Risk factors of acute lower respiratory tract infections in children under five years of age Southeast Asian J Trop Med Public Health, 27(1), 107-10	Participant health
600	Dhillon, S. K.,Davies, W. E.,Hopkins, P. C.,Rose, S. J. (1998). Effects of dietary taurine on auditory function in full-term infants Adv Exp Med Biol, 442(#issue#), 507-14	Size of study groups
601	Diaz, S.,Herreros, C.,Aravena, R.,Casado, M. E.,Reyes, M. V.,Schiappacasse, V. (1995). Breast-feeding duration and growth of fully breast-fed infants in a poor urban Chilean population Am J Clin Nutr, 62(2), 371-6	Intervention/exposure
602	Diaz, S.,Rodriguez, G.,Marshall, G.,del Pino, G.,Casado, M. E.,Miranda, P.,Schiappacasse, V.,Croxatto, H. B. (1988). Breastfeeding pattern and the duration of lactational amenorrhea in urban Chilean women Contraception, 38(1), 37-51	Outcome
603	Diesel, J. C.,Eckhardt, C. L.,Day, N. L.,Brooks, M. M.,Arslanian, S. A.,Bodnar, L. M. (2015). Is gestational weight gain associated with offspring obesity at 36 months? Pediatr Obes, 10(4), 305-10	Intervention/exposure
604	Dini, E. L.,Holt, R. D.,Bedi, R. (2000). Caries and its association with infant feeding and oral health-related behaviours in 3-4-year-old Brazilian children Community Dent Oral Epidemiol, 28(4), 241-8	Study design
605	Dinsmore, J.,Williams, E.,McCarthy, H.,Coghlan, D. (2011). A pilot study to explore factors affecting faltering growth in children Journal of Human Nutrition & Dietetics, 24(3), 280-281 2p	Size of study groups
606	Disantis, K. I.,Collins, B. N.,Fisher, J. O.,Davey, A. (2011). Do infants fed directly from the breast have improved appetite regulation and slower growth during early childhood compared with infants fed from a bottle? Int J Behav Nutr Phys Act, 8(#issue#), 89	Intervention/exposure
607	Dixon, D. L.,Griggs, K. M.,Forsyth, K. D.,Bersten, A. D. (2010). Lower interleukin-8 levels in airway aspirates from breastfed infants with acute bronchiolitis Pediatr Allergy Immunol, 21(4 Pt 2), e691-6	Size of study groups, Outcome
608	Djalalinia, S.,Qorbani, M.,Heshmat, R.,Motlagh, M. E.,Ardalan, G.,Bazyar, N.,Taheri, M.,Asayesh, H.,Kelishadi, R. (2015). Association of Breast Feeding and Birth Weight with Anthropometric Measures and Blood Pressure in Children and Adolescents: The CASPIAN-IV Study Pediatr Neonatol, 56(5), 324-33	Study design
609	Dogaru, C. M.,Strippoli, M. P.,Spycher, B. D.,Frey, U.,Beardsmore, C. S.,Silverman, M.,Kuehni, C. E. (2012). Breastfeeding and lung function at school age: does maternal asthma modify the effect? Am J Respir Crit Care Med, 185(8), 874-80	Outcome

	Full texts screened	Reason for exclusion
610	Dogruel, D.,Bingol, G.,Altintas, D. U.,Yilmaz, M.,Kendirli, S. G. (2015). Prevalence of and risk factors for atopic dermatitis: A birth cohort study of infants in southeast Turkey Allergol Immunopathol (Madr), #volume#(#issue#), #Pages#	Intervention/exposure, Size of study groups
611	Domellof, E.,Timby, N.,Domellof, M.,Lonnerdal, B.,Hernell, O. (2013). Formula feeding supplemented with milk fat globule membranes improves cognitive score in term infants at 12 months Developmental medicine and child neurology, 55(#issue#), 50	Publication status
612	Dondi, A.,Tripodi, S.,Panetta, V.,Asero, R.,Businco, A. D.,Bianchi, A.,Carlucci, A.,Ricci, G.,Bellini, F.,Maiello, N.,del Giudice, M. M.,Frediani, T.,Sodano, S.,Dello Iacono, I.,Macri, F.,Massaccesi, V.,Caffarelli, C.,Rinaldi, L.,Patria, M. F.,Varin, E.,Peroni, D.,Chinellato, I.,Chini, L.,Moschese, V.,Lucarelli, S.,Bernardini, R.,Pingitore, G.,Pelosi, U.,Tosca, M.,Paravati, F.,La Grutta, S.,Meglio, P.,Calvani, M.,Plebani, M.,Matricardi, P. M. (2013). Pollen-induced allergic rhinitis in 1360 Italian children: comorbidities and determinants of severity Pediatr Allergy Immunol, 24(8), 742-51	Study design
613	Dong, G. H.,Qian, Z. M.,Liu, M. M.,Wang, D.,Ren, W. H.,Bawa, S.,Fu, J.,Wang, J.,Lewis, R.,Zelicoff, A.,Simckes, M.,Trevathan, E. (2013). Breastfeeding as a modifier of the respiratory effects of air pollution in children Epidemiology, 24(3), 387-94	Study design
614	Dong, G. H.,Qian, Z. M.,Trevathan, E.,Zeng, X. W.,Vaughn, M. G.,Wang, J.,Zhao, Y.,Liu, Y. Q.,Ren, W. H.,Qin, X. D. (2014). Air pollution associated hypertension and increased blood pressure may be reduced by breastfeeding in Chinese children: the Seven Northeastern Cities Chinese Children's Study Int J Cardiol, 176(3), 956-61	Study design
615	Donma, M. M.,Donma, O. (1997). The influence of feeding patterns on head circumference among Turkish infants during the first 6 months of life Brain Dev, 19(6), 393-7	Outcome
616	Donma, M. M.,Donma, O. (1999). Infant feeding and growth: a study on Turkish infants from birth to 6 months Pediatr Int, 41(5), 542-8	Intervention/exposure
617	Donohue, L. (1994). Baby Friendly Hospitals in China Aust J Adv Nurs, 12(2), 7	Study design
618	Doran, E. (1983). Breast is best for lightweights Nurs Mirror, 156(12), 46-7	Participant health
619	Dorea, J. G. (1997). Zinc in urban infants and children from Brasilia Arch Latinoam Nutr, 47(2 Suppl 1), 39-40	Study design
620	Dorea, J. G.,Marques, R. C.,Isejima, C. (2012). Neurodevelopment of Amazonian infants: antenatal and postnatal exposure to methyl- and ethylmercury J Biomed Biotechnol, 2012(#issue#), 132876	Study design, Intervention/exposure
621	Dotan, I.,Alper, A.,Rachmilewitz, D.,Israeli, E.,Odes, S.,Chermesh, I.,Naftali, T.,Fraser, G.,Shitrit, A. B.,Peles, V.,Reif, S. (2013). Maternal inflammatory bowel disease has short and long-term effects on the health of their offspring: a multicenter study in Israel J Crohns Colitis, 7(7), 542-50	Intervention/exposure, Outcome
622	Douglas, R. M.,Woodward, A.,Miles, H.,Buetow, S.,Morris, D. (1994). A prospective study of proneness to acute respiratory illness in the first two years of life Int J Epidemiol, 23(4), 818-26	Outcome
623	Doumid Borges Pretto, A.,Correa Kaufmann, C.,Ferreira Dutra, G.,Pinto Albernaz, E. (2015). Prevalence of factors related to the bone mass formation of children from a cohort in Southern Brazil Nutr Hosp, 31(3), 1122-8	Intervention/exposure
624	Draaisma, E.,Garcia-Marcos, L.,Mallol, J.,Sole, D.,Perez-Fernandez, V.,Brand, P. L. (2015). A multinational study to compare prevalence of atopic dermatitis in the first year of life Pediatr Allergy Immunol, 26(4), 359-66	Study design, Outcome
625	Dratva, J.,Merten, S.,Ackermann-Liebrich, U. (2006). Vitamin D supplementation in Swiss infants Swiss Med Wkly, 136(29-30), 473-81	Study design, Outcome
626	Drewett, R. F.,Amatayakul, K. (1999). Energy intake, appetite and body mass in infancy Early Hum Dev, 56(1), 75-82	Intervention/exposure
627	Drewett, R.,Amatayakul, K.,Chiowanich, P.,Tansuhaj, A.,Ruckphaopunt, S.,Wongsawasdii, L.,Baum, D.,Imong, S.,Jackson, D.,Woolridge, M. (1991). The Chiang Mai lactation project: study design and implementation Paediatr Perinat Epidemiol, 5(3), 347-60	Intervention/exposure
628	Drover, J.,Hoffman, D. R.,Castaneda, Y. S.,Morale, S. E.,Birch, E. E. (2009). Three randomized controlled trials of early long-chain polyunsaturated Fatty Acid supplementation on means-end problem solving in 9-month-olds Child Dev, 80(5), 1376-84	Intervention/exposure

	Full texts screened	Reason for exclusion
629	Du, Y.,Ellert, U.,Lampert, T.,Mensink, G. B.,Schlaud, M. (2012). Association of breastfeeding and exposure to maternal smoking during pregnancy with children's general health status later in childhood Breastfeed Med, 7(6), 504-13	Study design, Outcome
630	Dubakiene, R.,Rudzeviciene, O.,Butiene, I.,Sezaite, I.,Petronyte, M.,Vaicekauskaite, D.,Zvirbliene, A. (2012). Studies on early allergic sensitization in the Lithuanian birth cohort ScientificWorldJournal, 2012(#issue#), 909524	Intervention/exposure
631	Dube, K.,Schwartz, J.,Mueller, M. J.,Kalhoff, H.,Kersting, M. (2010). Iron intake and iron status in breastfed infants during the first year of life Clin Nutr, 29(6), 773-8	Size of study groups
632	Dubois, L.,Girard, M. (2006). Early determinants of overweight at 4.5 years in a population-based longitudinal study Int J Obes (Lond), 30(4), 610-7	Intervention/exposure
633	Duffy, L. C.,Byers, T. E.,Riepenhoff-Talty, M.,La Scolea, L. J.,Zielezny, M.,Ogra, P. L. (1986). The effects of infant feeding on rotavirus-induced gastroenteritis: a prospective study Am J Public Health, 76(3), 259-63	Outcome
634	Duffy, L. C.,Faden, H.,Wasielewski, R.,Wolf, J.,Krystofik, D. (1997). Exclusive breastfeeding protects against bacterial colonization and day care exposure to otitis media Pediatrics, 100(4), E7	Outcome
635	Duffy, L. C.,Riepenhoff-Talty, M.,Byers, T. E.,La Scolea, L. J.,Zielezny, M. A.,Dryja, D. M.,Ogra, P. L. (1986). Modulation of rotavirus enteritis during breast-feeding. Implications on alterations in the intestinal bacterial flora Am J Dis Child, 140(11), 1164-8	Outcome
636	Dugdale, A. E. (1980). Infant feeding, growth and mortality: a 20-year study of an Australian Aboriginal community Med J Aust, 2(7), 380-5	Outcome
637	Duijts, L.,Jaddoe, V. W.,Hofman, A.,Moll, H. A. (2010). Prolonged and exclusive breastfeeding reduces the risk of infectious diseases in infancy Pediatrics, 126(1), e18-25	Outcome
638	Dumrongwongsiri, O.,Suthutvoravut, U.,Chatvutinun, S.,Phoonlabdacha, P.,Sangcakul, A.,Siripinyanond, A.,Thiengmanee, U.,Chongviriyaphan, N. (2015). Maternal zinc status is associated with breast milk zinc concentration and zinc status in breastfed infants aged 4-6 months Asia Pac J Clin Nutr, 24(2), 273-80	Study design
639	Duncan, B.,Ey, J.,Holberg, C. J.,Wright, A. L.,Martinez, F. D.,Taussig, L. M. (1993). Exclusive breast-feeding for at least 4 months protects against otitis media Pediatrics, 91(5), 867-72	Outcome
640	Dunlop, A. L.,Reichrtova, E.,Palcovicova, L.,Ciznar, P.,Adamcakova-Dodd, A.,Smith, S. J.,McNabb, S. J. (2006). Environmental and dietary risk factors for infantile atopic eczema among a Slovak birth cohort Pediatr Allergy Immunol, 17(2), 103-11	Study design
641	Dunne, A. (2012). Early infant nutrition: the importance of getting it right Br J Nurs, 21(7), 390	Study design
642	Dunne, A. (2012). Nutrition in infancy: achieving nutrition needs for new mothers and children Br J Community Nurs, Suppl(#issue#), S22	Study design
643	Dunson, D. B.,Chulada, P.,Arbes, S. J., Jr. (2003). Bayesian modeling of time-varying and waning exposure effects Biometrics, 59(1), 83-91	Study design
644	Dunstan, J. A.,Mitoulas, L. R.,Dixon, G.,Doherty, D. A.,Hartmann, P. E.,Simmer, K.,Prescott, S. L. (2007). The effects of fish oil supplementation in pregnancy on breast milk fatty acid composition over the course of lactation: a randomized controlled trial Pediatr Res, 62(6), 689-94	Intervention/exposure, Outcome
645	Durmu, B.,Ay, L.,Duijts, L.,Moll, H. A.,Hokken-Koelega, A. C. S.,Raat, H.,Hofman, A.,Steegers, E. A. P.,Jaddoe, V. W. V. (2012). Infant diet and subcutaneous fat mass in early childhood: The Generation R Study European Journal of Clinical Nutrition, 66(2), 253-260	Outcome
646	Durmus, B.,Ay, L.,Hokken-Koelega, A. C.,Raat, H.,Hofman, A.,Steegers, E. A.,Jaddoe, V. W. (2011). Maternal smoking during pregnancy and subcutaneous fat mass in early childhood. The Generation R Study Eur J Epidemiol, 26(4), 295-304	Intervention/exposure

	Full texts screened	Reason for exclusion
647	Durmus, B.,Heppe, D. H.,Gishti, O.,Manniesing, R.,Abrahamse-Berkeveld, M.,van der Beek, E. M.,Hofman, A.,Duijts, L.,Gaillard, R.,Jaddoe, V. W. (2014). General and abdominal fat outcomes in school-age children associated with infant breastfeeding patterns Am J Clin Nutr, 99(6), 1351-8	Outcome
648	Durmus, B.,van Rossem, L.,Duijts, L.,Arends, L. R.,Raat, H.,Moll, H. A.,Hofman, A.,Steegers, E. A.,Jaddoe, V. W. (2011). Breast-feeding and growth in children until the age of 3 years: the Generation R Study Br J Nutr, 105(11), 1704-11	Outcome
649	Dutta, P.,Lahiri, M.,Sen, D.,Pal, S. C. (1991). Prospective hospital based study on persistent diarrhoea Gut, 32(7), 787-90	Country
650	Dwyer, T.,Ponsonby, A. L. (1995). SIDS epidemiology and incidence Pediatr Ann, 24(7), 350-2, 354-6	Study design
651	Eaton-Evans, J.,Dugdale, A. E. (1987). Effects of feeding and social factors on diarrhoea and vomiting in infants Arch Dis Child, 62(5), 445-8	Outcome
652	Ebina, S.,Kashiwakura, I. (2013). Relationship between feeding modes and infant weight gain in the first month of life Exp Ther Med, 5(1), 28-32	Outcome
653	Eckhardt, C. L.,Rivera, J.,Adair, L. S.,Martorell, R. (2001). Full breast-feeding for at least four months has differential effects on growth before and after six months of age among children in a Mexican community J Nutr, 131(9), 2304-9	Intervention/exposure
654	Ecord, J. S. (2003). Critical connections. Study finds full breastfeeding for 6 months boosts infant's resistance to respiratory illnesses Advances in Neonatal Care (Elsevier Science), 3(1), 2-2 1p	Study design
655	Edwards, C. A.,Parrett, A. M.,Balmer, S. E.,Wharton, B. A. (1994). Faecal short chain fatty acids in breast-fed and formula-fed babies Acta Paediatr, 83(5), 459-62	Size of study groups, Outcome
656	Eglinton, T. W.,Roberts, R.,Pearson, J.,Barclay, M.,Merriman, T. R.,Frizelle, F. A.,Gearry, R. B. (2012). Clinical and genetic risk factors for perianal Crohn's disease in a population-based cohort Am J Gastroenterol, 107(4), 589-96	Outcome
657	Eickmann, S. H.,de Lira, P. I.,Lima Mde, C.,Coutinho, S. B.,Teixeira Mde, L.,Ashworth, A. (2007). Breast feeding and mental and motor development at 12 months in a low-income population in northeast Brazil Paediatr Perinat Epidemiol, 21(2), 129-37	Size of study groups, Intervention/exposure
658	Eidelman, A. I. (2013). Breastfeeding mitigates a disaster Breastfeed Med, 8(3), 344-5	Study design
659	Eiger, M. S.,Rausen, A. R.,Silverio, J. (1984). Breast-vs. bottle-feeding. A study of morbidity in upper middle class infants Clin Pediatr (Phila), 23(9), 492-5	Size of study groups
660	Ejlerskov, K. T.,Christensen, L. B.,Ritz, C.,Jensen, S. M.,Molgaard, C.,Michaelsen, K. F. (2015). The impact of early growth patterns and infant feeding on body composition at 3 years of age Br J Nutr, 114(2), 316-27	Intervention/exposure
661	Ek, J.,Magnus, E. (1982). Plasma and red cell folate values and folate requirements in formula-fed term infants J Pediatr, 100(5), 738-44	Size of study groups
662	Ekstrom, A.,Abrahamsson, H.,Eriksson, R. M.,Martensson, B. L. (2014). Women's use of nipple shields-Their influence on breastfeeding duration after a process-oriented education for health professionals Breastfeed Med, 9(9), 458-66	Intervention/exposure
663	Elborn, G.,Kerr, M. M. (1982). Acceptability trial of "Milumil" artificial milk for infant feeding Midwives Chron, 95(1133), 210-1	Intervention/exposure
664	Eldeirawi, K.,McConnell, R.,Furner, S.,Freels, S.,Stayner, L.,Hernandez, E.,Amoruso, L.,Torres, S.,Persky, V. W. (2009). Associations of doctor-diagnosed asthma with immigration status, age at immigration, and length of residence in the United States in a sample of Mexican American School Children in Chicago J Asthma, 46(8), 796-802	Study design
665	El-Gilany, A. H.,El-Wehady, A. (2007). Maternal work and infant health in Al-Hassa, Saudi Arabia Paediatrics ME, 12(4), 100-105	Study design
666	Elidrissy, A. T.,Sedrani, S. H.,Lawson, D. E. (1984). Vitamin D deficiency in mothers of rachitic infants Calcif Tissue Int, 36(3), 266-8	Study design, Intervention/exposure
667	Elliott, K. G.,Kjolhede, C. L.,Gournis, E.,Rasmussen, K. M. (1997). Duration of breastfeeding associated with obesity during adolescence Obes Res, 5(6), 538-41	Outcome

	Full texts screened	Reason for exclusion
668	Elliott, L.,Henderson, J.,Northstone, K.,Chiu, G. Y.,Dunson, D.,London, S. J. (2008). Prospective study of breast-feeding in relation to wheeze, atopy, and bronchial hyperresponsiveness in the Avon Longitudinal Study of Parents and Children (ALSPAC) J Allergy Clin Immunol, 122(1), 49-54, 54 e1-3	Outcome
669	Elwood, P. C.,Pickering, J.,Gallacher, J. E.,Hughes, J.,Davies, D. (2005). Long term effect of breast feeding: cognitive function in the Caerphilly cohort J Epidemiol Community Health, 59(2), 130-3	Outcome
670	Emamghorashi, F.,Heydari, S. T. (2007). Growth of infants in relation to type of feeding in Jahrom, Islamic Republic of Iran East Mediterr Health J, 13(4), 846-54	Outcome
671	Emilsson, L.,Magnus, M. C.,Stordal, K. (2015). Perinatal risk factors for development of celiac disease in children, based on the prospective Norwegian Mother and Child Cohort Study Clin Gastroenterol Hepatol, 13(5), 921-7	Intervention/exposure
672	Emmett, P. M.,Jones, L. R. (2014). Diet and growth in infancy: relationship to socioeconomic background and to health and development in the Avon Longitudinal Study of Parents and Children Nutr Rev, 72(8), 483-506	Study design
673	Emond, A.,Drewett, R.,Blair, P.,Emmett, P. (2007). Postnatal factors associated with failure to thrive in term infants in the Avon Longitudinal Study of Parents and Children Arch Dis Child, 92(2), 115-9	Outcome
674	Emond, A.,Pollock, J.,Da Costa, N.,Maranhao, T.,Macedo, A. (2002). The effectiveness of community-based interventions to improve maternal and infant health in the Northeast of Brazil Rev Panam Salud Publica, 12(2), 101-10	Study design, Intervention/exposure
675	Endesfelder, D.,zu Castell, W.,Ardissone, A.,Davis-Richardson, A. G.,Achenbach, P.,Hagen, M.,Pflueger, M.,Gano, K. A.,Fagen, J. R.,Drew, J. C.,Brown, C. T.,Kolaczkowski, B.,Atkinson, M.,Schatz, D.,Bonifacio, E.,Triplett, E. W.,Ziegler, A. G. (2014). Compromised gut microbiota networks in children with anti-islet cell autoimmunity Diabetes, 63(6), 2006-14	Intervention/exposure, Outcome
676	Engel, J.,Anteunis, L.,Volovics, A.,Hendriks, J.,Marres, E. (1999). Risk factors of otitis media with effusion during infancy Int J Pediatr Otorhinolaryngol, 48(3), 239-49	Outcome
677	Eriksen, H. L.,Kesmodel, U. S.,Underbjerg, M.,Kilburn, T. R.,Bertrand, J.,Mortensen, E. L. (2013). Predictors of intelligence at the age of 5: family, pregnancy and birth characteristics, postnatal influences, and postnatal growth PLoS One, 8(11), e79200	Study design
678	Eriksson, J.,Forsen, T.,Osmond, C.,Barker, D. (2003). Obesity from cradle to grave Int J Obes Relat Metab Disord, 27(6), 722-7	Intervention/exposure
679	Eriksson, M.,Forsgren, M.,Sjoberg, S.,von Sydow, M.,Wolontis, S. (1983). Respiratory syncytial virus infection in young hospitalized children. Identification of risk patients and prevention of nosocomial spread by rapid diagnosis Acta Paediatr Scand, 72(1), 47-51	Study design, Participant health
680	Ernst, E. (2001). Probiotics may prevent atopic disease Focus on Alternative & Complementary Therapies, 6(3), 204-205 2p	Study design
681	Eronat, N.,Eden, E. (1992). A comparative study of some influencing factors of rampant or nursing caries in preschool children J Clin Pediatr Dent, 16(4), 275-9	Study design, Intervention/exposure
682	Escribano, J.,Luque, V.,Ferre, N.,Mendez-Riera, G.,Koletzko, B.,Grote, V.,Demmelmair, H.,Bluck, L.,Wright, A.,Closa-Monasterolo, R. (2012). Effect of protein intake and weight gain velocity on body fat mass at 6 months of age: the EU Childhood Obesity Programme Int J Obes (Lond), 36(4), 548-53	Intervention/exposure, Size of study groups
683	Esfarjani, F.,Azar, M. R.,Gafarpour, M. (2001). IDDM and early exposure of infant to cow's milk and solid food Indian J Pediatr, 68(2), 107-10	Outcome
684	Eskenazi, B.,Marks, A. R.,Bradman, A.,Fenster, L.,Johnson, C.,Barr, D. B.,Jewell, N. P. (2006). In utero exposure to dichlorodiphenyltrichloroethane (DDT) and dichlorodiphenyldichloroethylene (DDE) and neurodevelopment among young Mexican American children Pediatrics, 118(1), 233-41	Study design
685	Esmail, A.,Lambert, P. C.,Jones, D. R.,Mitchell, E. A. (1995). Prevalence of risk factors for sudden infant death syndrome in south east England before the 1991 national 'Back to Sleep' health education campaign J Public Health Med, 17(3), 282-9	Study design

	Full texts screened	Reason for exclusion
686	Estevez-Gonzalez, M. D.,Santana Del Pino, A.,Henriquez-Sanchez, P.,Pena-Quintana, L.,Saavedra-Santana, P. (2015). Breastfeeding during the first six months of life, adiposity rebound and overweight/obesity at eight years of age Int J Obes (Lond), #volume#(#issue#), #Pages#	Outcome
687	Ethelberg, S.,Olesen, B.,Neimann, J.,Schiellerup, P.,Helms, M.,Jensen, C.,Böttiger, B.,Olsen, K. E. P.,Scheutz, F.,Gerner-Smidt, P.,Mølbak, K. (2006). Risk factors for diarrhea among children in an industrialized country Epidemiology, 17(1), 24-30	Study design, Intervention/exposure
688	Etiler, N.,Velipasaoglu, S.,Aktekin, M. (2002). Incidence of acute respiratory infections and the relationship with some factors in infancy in Antalya, Turkey Pediatr Int, 44(1), 64-9	Outcome
689	Etiler, N.,Velipasaoglu, S.,Aktekin, M. (2004). Risk factors for overall and persistent diarrhoea in infancy in Antalya, Turkey: a cohort study Public Health, 118(1), 62-9	Outcome
690	Etling, N.,Padovani, E.,Gehin-Fouque, F.,Tato, L. (1983). Iodine and thyroid hormone levels in serum and urine of full term newborn infants Helv Paediatr Acta, 38(2), 117-22	Size of study groups, Intervention/exposure
691	Evelein, A. M.,Geerts, C. C.,Visseren, F. L.,Bots, M. L.,van der Ent, C. K.,Grobbee, D. E.,Uiterwaal, C. S. (2011). The association between breastfeeding and the cardiovascular system in early childhood Am J Clin Nutr, 93(4), 712-8	Outcome
692	Evenhouse, E.,Reilly, S. (2005). Improved estimates of the benefits of breastfeeding using sibling comparisons to reduce selection bias Health Serv Res, 40(6 Pt 1), 1781-802	Outcome
693	Exl, B. M.,Deland, U.,Secretin, M. C.,Preysch, U.,Wall, M.,Shmerling, D. H. (2000). Improved general health status in an unselected infant population following an allergen-reduced dietary intervention programme: The ZUFF-STUDY-PROGRAMME - Part II: Infant growth and health status to age 6 months European Journal of Nutrition, 39(4), 145-156	Study design, Outcome
694	Exl, B. M.,Deland, U.,Wall, M.,Preysch, U.,Secretin, M. C.,Shmerling, D. H. (1998). Zug-Frauenfeld nutritional survey ('Zuff Study'): Allergen-reduced nutrition in a normal infant population and its health-related effects: Results at the age of six months Nutrition research (New York, N.Y.), 18(8), 1443-62	Study design
695	Fagrell, T. G.,Ludvigsson, J.,Ullbro, C.,Lundin, S. A.,Koch, G. (2011). Aetiology of severe demarcated enamel opacities--an evaluation based on prospective medical and social data from 17,000 children Swed Dent J, 35(2), 57-67	Outcome
696	Fall, C. H.,Barker, D. J.,Osmond, C.,Winter, P. D.,Clark, P. M.,Hales, C. N. (1992). Relation of infant feeding to adult serum cholesterol concentration and death from ischaemic heart disease BMJ, 304(6830), 801-5	Outcome
697	Fall, C. H.,Borja, J. B.,Osmond, C.,Richter, L.,Bhargava, S. K.,Martorell, R.,Stein, A. D.,Barros, F. C.,Victora, C. G. (2011). Infant-feeding patterns and cardiovascular risk factors in young adulthood: data from five cohorts in low- and middle-income countries Int J Epidemiol, 40(1), 47-62	Study design, Redundant data with another study
698	Fallot, M. E.,Boyd, J. L., 3rd,Oski, F. A. (1980). Breast-feeding reduces incidence of hospital admissions for infection in infants Pediatrics, 65(6), 1121-4	Study design, Size of study groups
699	Falth-Magnusson, K.,Franzen, L.,Jansson, G.,Laurin, P.,Stenhammar, L. (1996). Infant feeding history shows distinct differences between Swedish celiac and reference children Pediatr Allergy Immunol, 7(1), 1-5	Outcome
700	Falth-Magnusson, K.,Kjellman, N. I. (1987). Development of atopic disease in babies whose mothers were receiving exclusion diet during pregnancy--a randomized study J Allergy Clin Immunol, 80(6), 868-75	Intervention/exposure
701	Farham, B. (2006). Rethink formula feeding South African medical journal, 96(10), 1054	Study design
702	Farooqi, I. S.,Hopkin, J. M. (1998). Early childhood infection and atopic disorder Thorax, 53(11), 927-32	Intervention/exposure
703	Farris, R. P.,Frank, G. C.,Webber, L. S.,Srinivasan, S. R.,Berenson, G. S. (1982). Influence of milk source on serum lipids and lipoproteins during the first year of life, Bogalusa heart study Am J Clin Nutr, 35(1), 42-9	Size of study groups, Intervention/exposure
704	Fawcett JN (1981). Feeding from birth to 18 months Nursing (Lond), #volume#(#issue#), 956-8	Study design

	Full texts screened	Reason for exclusion
705	Fawzi, W. W.,Forman, M. R.,Levy, A.,Graubard, B. I.,Naggan, L.,Berendes, H. W. (1997). Maternal anthropometry and infant feeding practices in Israel in relation to growth in infancy: the North African Infant Feeding Study Am J Clin Nutr, 65(6), 1731-7	Outcome
706	Fawzi, W. W.,Herrera, M. G.,Nestel, P.,el Amin, A.,Mohamed, K. A. (1998). A longitudinal study of prolonged breastfeeding in relation to child undernutrition Int J Epidemiol, 27(2), 255-60	Country
707	Feig, D. S.,Lipscombe, L. L.,Tomlinson, G.,Blumer, I. (2011). Breastfeeding predicts the risk of childhood obesity in a multi-ethnic cohort of women with diabetes J Matern Fetal Neonatal Med, 24(3), 511-5	Study design
708	Feigal, R. J. (1985). Common oral diseases of children Pediatr Ann, 14(2), 133-8	Study design
709	Fein, S. B.,Grummer-Strawn, L. M.,Raju, T. N. (2008). Infant feeding and care practices in the United States: results from the Infant Feeding Practices Study II Pediatrics, 122 Suppl 2(#issue#), S25-7	Study design
710	Feldens, C. A.,Giugliani, E. R.,Duncan, B. B.,Drachler Mde, L.,Vitolo, M. R. (2010). Long-term effectiveness of a nutritional program in reducing early childhood caries: a randomized trial Community Dent Oral Epidemiol, 38(4), 324-32	Outcome
711	Feldens, C. A.,Giugliani, E. R.,Vigo, A.,Vitolo, M. R. (2010). Early feeding practices and severe early childhood caries in four-year-old children from southern Brazil: a birth cohort study Caries Res, 44(5), 445-52	Outcome
712	Feldens, C. A.,Kramer, P. F.,Feldens, E. G.,Pacheco, L. M.,Vitolo, M. R. (2014). Socioeconomic, behavioral, and anthropometric risk factors for traumatic dental injuries in childhood: a cohort study Int J Paediatr Dent, 24(3), 234-43	Outcome
713	Feldens, C. A.,Vitolo, M. R.,Drachler Mde, L. (2007). A randomized trial of the effectiveness of home visits in preventing early childhood caries Community Dent Oral Epidemiol, 35(3), 215-23	Outcome
714	Fenger-Gron J, Fenger-Gron M, Blunck CH, Schonemann-Rigel H, Wielandt HB. (2015). Low breastfeeding rates and body mass index in Danish children of women with gestational diabetes mellitus International Breastfeeding Journal, 10(1), 1-12	Intervention/exposure
715	Ferguson, A. E.,Tappin, D. M.,Girdwood, R. W. A.,Kennedy, R.,Cockburn, F. (1994). Breast feeding in Scotland British Medical Journal, 308(6932), 824-825	Study design, Outcome
716	Fergusson, D. M.,Beautrais, A. L.,Silva, P. A. (1982). Breast-feeding and cognitive development in the first seven years of life Soc Sci Med, 16(19), 1705-8	Outcome
717	Fergusson, D. M.,Horwood, L. J. (1994). Early solid food diet and eczema in childhood: a 10-year longitudinal study Pediatr Allergy Immunol, 5(6 Suppl), 44-7	Intervention/exposure
718	Fergusson, D. M.,Horwood, L. J.,Beautrais, A. L.,Shannon, F. T.,Taylor, B. (1981). Eczema and infant diet Clin Allergy, 11(4), 325-31	Intervention/exposure
719	Fergusson, D. M.,Horwood, L. J.,Shannon, F. T. (1982). Risk factors in childhood eczema J Epidemiol Community Health, 36(2), 118-22	Intervention/exposure
720	Fergusson, D. M.,Horwood, L. J.,Shannon, F. T. (1983). Asthma and infant diet Arch Dis Child, 58(1), 48-51	Size of study groups, Intervention/exposure
721	Fergusson, D. M.,Horwood, L. J.,Shannon, F. T. (1987). Breastfeeding and subsequent social adjustment in six- to eight-year-old children J Child Psychol Psychiatry, 28(3), 379-86	Outcome
722	Fergusson, D. M.,Horwood, L. J.,Shannon, F. T.,Taylor, B. (1981). Breast-feeding, gastrointestinal and lower respiratory illness in the first two years Aust Paediatr J, 17(3), 191-5	Outcome
723	Fergusson, D. M.,McLeod, G. F.,Horwood, L. J. (2014). Breast feeding, infant growth, and body mass index at 30 and 35 years Paediatr Perinat Epidemiol, 28(6), 545-52	Outcome
724	Fergusson, D. M.,Woodward, L. J. (1999). Breast feeding and later psychosocial adjustment Paediatr Perinat Epidemiol, 13(2), 144-57	Outcome

	Full texts screened	Reason for exclusion
725	Ferris, A. G.,Laus, M. J.,Hosmer, D. W.,Beal, V. A. (1980). The effect of diet on weight gain in infancy Am J Clin Nutr, 33(12), 2635-42	Size of study groups, Intervention/exposure
726	Fewtrell, M. S.,Kennedy, K.,Murgatroyd, P. R.,Williams, J. E.,Chomtho, S.,Lucas, A. (2013). Breast-feeding and formula feeding in healthy term infants and bone health at age 10 years Br J Nutr, 110(6), 1061-7	Size of study groups
727	Field, C. J.,Van Aerde, J. E.,Robinson, L. E.,Clandinin, M. T. (2008). Feeding a formula supplemented with long chain polyunsaturated fatty acids modifies the "ex vivo" cytokine responses to food proteins in infants at low risk for allergy Pediatr Res, 64(4), 411-7	Size of study groups
728	Field, S. S. (2014). Interaction of genes and nutritional factors in the etiology of autism and attention deficit/hyperactivity disorders: a case control study Med Hypotheses, 82(6), 654-61	Outcome
729	Fildes, A.,van Jaarsveld, C. H.,Llewellyn, C.,Wardle, J.,Fisher, A. (2015). Parental control over feeding in infancy. Influence of infant weight, appetite and feeding method Appetite, 91(#issue#), 101-6	Outcome
730	Fildes, V. (1980). Weaning: on the bottle again Nurs Mirror, 151(24), 18-21	Study design
731	Findeisen, M.,Vennemann, M.,Brinkmann, B.,Ortmann, C.,Rose, I.,Kopcke, W.,Jorch, G.,Bajanowski, T. (2004). German study on sudden infant death (GeSID): design, epidemiological and pathological profile Int J Legal Med, 118(3), 163-9	Outcome
732	Firer, M. A.,Hosking, C. S.,Hill, D. J. (1981). Effect of antigen load on development of milk antibodies in infants allergic to milk Br Med J (Clin Res Ed), 283(6293), 693-6	Size of study groups
733	Fisher C (1985). Breastfeeding. Two. Feeding the relationship Nurs Times, 81(#issue#), 51	Study design
734	Fisher SE,Markowitz J,Lifshitz F (1984). Food intolerance in childhood Compr Ther, 10(#issue#), 5-11	Study design
735	Fisk, C. M.,Crozier, S. R.,Inskip, H. M.,Godfrey, K. M.,Cooper, C.,Roberts, G. C.,Robinson, S. M. (2011). Breastfeeding and reported morbidity during infancy: findings from the Southampton Women's Survey Matern Child Nutr, 7(1), 61-70	Outcome
736	Fitzgerald, S.,Kearney, M.,Mahony, M.,O'Halloran, E. T.,Barry, R. G. (1982). Gastroenteritis 1972-1978 Ir Med J, 75(5), 155-7	Study design
737	Flaherman, V. J.,Bokser, S.,Newman, T. B. (2010). First-day newborn weight loss predicts in-hospital weight nadir for breastfeeding infants Breastfeed Med, 5(4), 165-8	Intervention/exposure
738	Flaherman, V. J.,Fuentes-Afflick, E. (2014). Social and public health perspectives of promotion of breastfeeding JAMA Pediatr, 168(10), 877-8	Study design
739	Flaherman, V. J.,Kuzniewicz, M. W.,Li, S.,Walsh, E.,McCulloch, C. E.,Newman, T. B. (2013). First-day weight loss predicts eventual weight nadir for breastfeeding newborns Arch Dis Child Fetal Neonatal Ed, 98(6), F488-92	Intervention/exposure, Outcome
740	Flaherman, V.,Aby, J.,Burgos, A.,Lee, K.,Cabana, M.,Newman, T. (2012). Randomized Trial of Early Limited Formula To Reduce Formula Use at 1 Week and Promote Breastfeeding at 3 Months in Infants with High Early Weight Loss Pediatric Academic Societies Annual Meeting, #volume#(#issue#), #Pages#	Publication status
741	Fleddermann, M.,Demmelmair, H.,Grote, V.,Nikolic, T.,Koletzko, B. (2013). A protein reduced, alpha-lactalbumin and LC-PUFA containing infant formula enables an adequate growth in infants and influences the energetic efficiency for growth: A randomized controlled trial Clinical nutrition (Edinburgh, Scotland), 32(#issue#), S16	Publication status
742	Fleming, P. J.,Blair, P. S.,Bacon, C.,Bensley, D.,Smith, I.,Taylor, E.,Berry, J.,Golding, J.,Tripp, J. (1996). Environment of infants during sleep and risk of the sudden infant death syndrome: results of 1993-5 case-control study for confidential inquiry into stillbirths and deaths in infancy. Confidential Enquiry into Stillbirths and Deaths Regional Coordinators and Researchers BMJ, 313(7051), 191-5	Outcome
743	Fleming, P. J.,Blair, P. S.,Ward Platt, M.,Tripp, J.,Smith, I. J. (2003). Sudden infant death syndrome and social deprivation: assessing epidemiological factors after post-matching for deprivation Paediatr Perinat Epidemiol, 17(3), 272-80	Outcome
744	Fleming, T. (2008). Breast is best to avoid obesity: study Pharmacy News, #volume#(#issue#), 4-4 1p	Publication status

	Full texts screened	Reason for exclusion
745	Flohr, C.,Nagel, G.,Weinmayr, G.,Kleiner, A.,Strachan, D. P.,Williams, H. C. (2011). Lack of evidence for a protective effect of prolonged breastfeeding on childhood eczema: lessons from the International Study of Asthma and Allergies in Childhood (ISAAC) Phase Two Br J Dermatol, 165(6), 1280-9	Study design
746	Flohr, C.,Perkin, M.,Logan, K.,Marrs, T.,Radulovic, S.,Campbell, L. E.,Maccallum, S. F.,McLean, W. H.,Lack, G. (2014). Atopic dermatitis and disease severity are the main risk factors for food sensitization in exclusively breastfed infants J Invest Dermatol, 134(2), 345-50	Intervention/exposure
747	Flores, M. S.,Fairchok, M. P. (2004). The relationship of breastfeeding to antimicrobial exposure in the first year of life Clin Pediatr (Phila), 43(7), 631-6	Outcome
748	Flores, M.,Pasquel, M. R.,Maulen, I.,Rivera, J. (2005). Exclusive breastfeeding in 3 rural localities in Mexico J Hum Lact, 21(3), 276-83	Study design, Intervention/exposure
749	Floret, D.,Lina, B.,Pinchinat, S.,Billaud, G.,Ait-Belghiti, F.,Largeron, N.,Bellemin, B.,Trang, C. N.,Fau, C.,Gaspard, C.,Mamoux, V.,Marcelon, L. (2006). Epidemiology and burden of rotavirus diarrhea in day care centers in Lyon, France Eur J Pediatr, 165(12), 905-6	Study design, Intervention/exposure
750	Florey, C. D.,Leech, A. M.,Blackhall, A. (1995). Infant feeding and mental and motor development at 18 months of age in first born singletons Int J Epidemiol, 24 Suppl 1(#issue#), S21-6	Outcome
751	Florez, C. E.,Hogan, D. P. (1990). Women's status and infant mortality in rural Colombia Soc Biol, 37(3-4), 188-203	Study design, Intervention/exposure
752	Fogaca, H. R.,Marson, F. A.,Toro, A. A.,Sole, D.,Ribeiro, J. D. (2014). Epidemiological aspects of and risk factors for wheezing in the first year of life J Bras Pneumol, 40(6), 617-25	Study design
753	Fokkema MR,Smit EN,Martini IA,Woltil HA,Boersma ER,Muskiet FA (2002). Assessment of essential fatty acid and omega3-fatty acid status by measurement of erythrocyte 20:3omega9 (Mead acid), 22:5omega6/20:4omega6 and 22:5omega6/22:6omega3 Prostaglandins Leukot Essent Fatty Acids, 67(#issue#), 345-56	Intervention/exposure
754	Foley, S.,Quinn, S.,Jones, G. (2009). Tracking of bone mass from childhood to adolescence and factors that predict deviation from tracking Bone, 44(5), 752-7	Outcome
755	Folic, N.,Folic, M.,Markovic, S.,Andjelkovic, M.,Jankovic, S. (2015). Risk factors for the development of metabolic syndrome in obese children and adolescents Srp Arh Celok Lek, 143(3-4), 146-52	Study design, Size of study groups
756	Fomon, S. J. (1980). Factors influencing food consumption in the human infant Int J Obes, 4(4), 348-50	Study design
757	Fomon, S. J. (2004). Assessment of growth of formula-fed infants: evolutionary considerations Pediatrics, 113(2), 389-93	Study design
758	Fomon, S. J.,Rogers, R. R.,Ziegler, E. E.,Nelson, S. E.,Thomas, L. N. (1984). Indices of fatness and serum cholesterol at age eight years in relation to feeding and growth during early infancy Pediatr Res, 18(12), 1233-8	Intervention/exposure
759	Fomon, S. J.,Ziegler, E. E.,Nelson, S. E. (1993). Erythrocyte incorporation of ingested 58Fe by 56-day-old breast-fed and formula-fed infants Pediatr Res, 33(6), 573-6	Size of study groups
760	Fomon, S. J.,Ziegler, E. E.,Nelson, S. E.,Rogers, R. R.,Frantz, J. A. (1999). Infant formula with protein-energy ratio of 1.7 g/100 kcal is adequate but may not be safe J Pediatr Gastroenterol Nutr, 28(5), 495-501	Outcome
761	Fonseca, A. L.,Albernaz, E. P.,Kaufmann, C. C.,Neves, I. H.,Figueiredo, V. L. (2013). Impact of breastfeeding on the intelligence quotient of eight-year-old children J Pediatr (Rio J), 89(4), 346-53	Intervention/exposure
762	Fonseca, M. J.,Moreira, A.,Moreira, P.,Delgado, L.,Teixeira, V.,Padrão, P. (2010). Duration of breastfeeding and the risk of childhood asthma in children living in urban areas Journal of Investigational Allergology and Clinical Immunology, 20(4), 357-358	Study design
763	Fonseca, M. J.,Severo, M.,Barros, H.,Santos, A. C. (2014). Determinants of weight changes during the first 96 hours of life in full-term newborns Birth, 41(2), 160-8	Study design, Intervention/exposure

	Full texts screened	Reason for exclusion
764	Fonseca, W.,Kirkwood, B. R.,Victora, C. G.,Fuchs, S. R.,Flores, J. A.,Misago, C. (1996). Risk factors for childhood pneumonia among the urban poor in Fortaleza, Brazil: a case--control study Bull World Health Organ, 74(2), 199-208	Outcome
765	Ford, K.,Labbok, M. (1993). Breast-feeding and child health in the United States J Biosoc Sci, 25(2), 187-94	Study design
766	Ford, R. P.,Taylor, B. J.,Mitchell, E. A.,Enright, S. A.,Stewart, A. W.,Becroft, D. M.,Scragg, R.,Hassall, I. B.,Barry, D. M.,Allen, E. M.,et al, (1993). Breastfeeding and the risk of sudden infant death syndrome Int J Epidemiol, 22(5), 885-90	Study design
767	Ford-Jones, E. L.,Wang, E.,Petric, M.,Corey, P.,Moineddin, R.,Fearon, M. (2000). Hospitalization for community-acquired, rotavirus-associated diarrhea: a prospective, longitudinal, population-based study during the seasonal outbreak. The Greater Toronto Area/Peel Region PRESI Study Group. Pediatric Rotavirus Epidemiology Study for Immunization Arch Pediatr Adolesc Med, 154(6), 578-85	Study design, Participant health
768	Forman, M. R.,Graubard, B. I.,Hoffman, H. J.,Beren, R.,Harley, E. E.,Bennett, P. (1984). The Pima Infant Feeding Study: breast feeding and gastroenteritis in the first year of life Am J Epidemiol, 119(3), 335-49	Study design
769	Forman, M. R.,Graubard, B. I.,Hoffman, H. J.,Beren, R.,Harley, E. E.,Bennett, P. (1984). The Pima infant feeding study: breastfeeding and respiratory infections during the first year of life Int J Epidemiol, 13(4), 447-53	Study design, Intervention/exposure
770	Forman, M. R.,Guptill, K. S.,Chang, D. N.,Sarov, B.,Berendes, H. W.,Naggan, L.,Hundt, G. L. (1990). Undernutrition among Bedouin Arab infants: the Bedouin Infant Feeding Study Am J Clin Nutr, 51(3), 343-9	Outcome
771	Forman, M. R.,Lewando-Hundt, G.,Graubard, B. I.,Chang, D.,Sarov, B.,Naggan, L.,Berendes, H. W. (1992). Factors influencing milk insufficiency and its long-term health effects: the Bedouin Infant Feeding Study Int J Epidemiol, 21(1), 53-8	Outcome
772	Forns, J.,Torrent, M.,Garcia-Esteban, R.,Caceres, A.,Pilar Gomila, M.,Martinez, D.,Morales, E.,Julvez, J.,Grimalt, J. O.,Sunyer, J. (2012). Longitudinal association between early life socio-environmental factors and attention function at the age 11 years Environ Res, 117(#issue#), 54-9	Outcome
773	Forns, J.,Vegas, O.,Julvez, J.,Garcia-Esteban, R.,Rivera, M.,Lertxundi, N.,Guxens, M.,Fano, E.,Ferrer, M.,Grellier, J.,Ibarluzea, J.,Sunyer, J. (2014). Association between child cortisol levels in saliva and neuropsychological development during the second year of life Stress Health, 30(2), 142-8	Intervention/exposure, Outcome
774	Foroushani, A. R.,Mohammad, K.,Mahmoodi, M.,Siassi, F. (2010). Effect of breastfeeding on cognitive performance in a British birth cohort East Mediterr Health J, 16(2), 202-8	Outcome
775	Forssell, G.,Hakansson, A.,Mansson, N. O. (2001). Risk factors for respiratory tract infections in children aged 2-5 years Scand J Prim Health Care, 19(2), 122-5	Study design
776	Forster, D. A.,Johns, H.,Amir, L. H.,McLachlan, H. L.,Moorhead, A.,Ford, R.,McEgan, K. (2013). The MILC Study—Exploring the prevalence and outcomes associated with breast milk expression: A prospective cohort study Women & Birth, 26(#issue#), S7-S7 1p	Publication status
777	Forsyth S,Hornstra G (2001). Essential fatty acids. Maternal and infant nutrition Pract Midwife, 4(#issue#), 34-7	Study design
778	Forsyth, J. S.,Willatts, P.,Agostoni, C.,Bissenden, J.,Casaer, P.,Boehm, G. (2003). Long chain polyunsaturated fatty acid supplementation in infant formula and blood pressure in later childhood: follow up of a randomised controlled trial BMJ, 326(7396), 953	Outcome
779	Fort, P.,Lanes, R.,Dahlem, S.,Recker, B.,Weyman-Daum, M.,Pugliese, M.,Lifshitz, F. (1986). Breast feeding and insulin-dependent diabetes mellitus in children J Am Coll Nutr, 5(5), 439-41	Outcome
780	Fosarelli, P. D.,DeAngelis, C.,Winkelstein, J.,Mellits, E. D. (1985). Infectious illnesses in the first two years of life Pediatr Infect Dis, 4(2), 153-9	Outcome
781	Foulon, S.,Pingault, J. B.,Larroque, B.,Melchior, M.,Falissard, B.,Cote, S. M. (2015). Developmental predictors of inattention-hyperactivity from pregnancy to early childhood PLoS One, 10(5), e0125996	Outcome

	Full texts screened	Reason for exclusion
782	France, G. L.,Marmer, D. J.,Steele, R. W. (1980). Breast-feeding and Salmonella infection Am J Dis Child, 134(2), 147-52	Study design, Size of study groups
783	Frank, A. L.,Taber, L. H.,Glezen, W. P.,Kasel, G. L.,Wells, C. R.,Paredes, A. (1982). Breast-feeding and respiratory virus infection Pediatrics, 70(2), 239-45	Intervention/exposure
784	Franklin, Patricia D. (2013). Exclusive Breastfeeding Duration in Relationship to Infant Risk for Overweight and Obesity at Three Years of Age #journal#, Ph.D.(#issue#), 186 p-186 p 1p	Publication status
785	Franks, A. (1989). Breastfeeding in the neonatal unit N Z Nurs J, 82(8), 23-4	Study design
786	Fransoo, R. R.,Roos, N. P.,Martens, P. J.,Heaman, M.,Levin, B.,Chateau, D. (2008). How health status affects progress and performance in school: a population-based study Can J Public Health, 99(4), 344-9	Outcome
787	Frederiksen, B.,Kroehl, M.,Lamb, M. M.,Seifert, J.,Barriga, K.,Eisenbarth, G. S.,Rewers, M.,Norris, J. M. (2013). Infant exposures and development of type 1 diabetes mellitus: The Diabetes Autoimmunity Study in the Young (DAISY) JAMA Pediatr, 167(9), 808-15	Outcome
788	Fredriksson, P.,Jaakkola, N.,Jaakkola, J. J. (2007). Breastfeeding and childhood asthma: a six-year population-based cohort study BMC Pediatr, 7(#issue#), 39	Outcome
789	Freeman, K.,Bonuck, K. A.,Trombley, M. (2008). Breastfeeding and infant illness in low-income, minority women: a prospective cohort study of the dose-response relationship J Hum Lact, 24(1), 14-22; quiz 23-6	Outcome
790	Freeman, V. E.,Mulder, J.,van't Hof, M. A.,Hoey, H. M.,Gibney, M. J. (1998). A longitudinal study of iron status in children at 12, 24 and 36 months Public Health Nutr, 1(2), 93-100	Intervention/exposure
791	Friel, J. K.,Andrews, W. L.,Simmons, B. S.,L'Abbe, M. R.,Mercer, C.,MacDonald, A.,McCloy, U. R. (1997). Evaluation of full-term infants fed an evaporated milk formula Acta Paediatr, 86(5), 448-53	Size of study groups
792	Froom, J.,Culpepper, L.,Green, L. A.,de Melker, R. A.,Grob, P.,Heeren, T.,van Balen, F. (2001). A cross-national study of acute otitis media: risk factors, severity, and treatment at initial visit. Report from the International Primary Care Network (IPCN) and the Ambulatory Sentinel Practice Network (ASPN) J Am Board Fam Pract, 14(6), 406-17	Study design
793	Froozani, M. D.,Malekafzali, H.,Bahrini, B. (1980). Growth of a group of low income infants in the first year of life J Trop Pediatr, 26(3), 96-8	Study design, Intervention/exposure
794	Froozani, M. D.,Permehzadeh, K.,Motlagh, A. R.,Golestan, B. (1999). Effect of breastfeeding education on the feeding pattern and health of infants in their first 4 months in the Islamic Republic of Iran Bull World Health Organ, 77(5), 381-5	Outcome
795	Fruhwirth, M.,Heininger, U.,Ehlken, B.,Petersen, G.,Laubereau, B.,Moll-Schuler, I.,Mutz, I.,Forster, J. (2001). International variation in disease burden of rotavirus gastroenteritis in children with community- and nosocomially acquired infection Pediatr Infect Dis J, 20(8), 784-91	Participant health
796	Frye, C.,Heinrich, J. (2003). Trends and predictors of overweight and obesity in East German children Int J Obes Relat Metab Disord, 27(8), 963-9	Study design
797	Fuchs, S. C.,Victora, C. G. (2002). Risk and prognostic factors for diarrheal disease in Brazilian infants: a special case-control design application Cad Saude Publica, 18(3), 773-82	Outcome
798	Fuchs, S. C.,Victora, C. G.,Martines, J. (1996). Case-control study of risk of dehydrating diarrhoea in infants in vulnerable period after full weaning BMJ, 313(7054), 391-4	Outcome
799	Fuiano, N.,Rapa, A.,Monzani, A.,Pietrobelli, A.,Diddi, G.,Limosani, A.,Bona, G. (2008). Prevalence and risk factors for overweight and obesity in a population of Italian schoolchildren: a longitudinal study J Endocrinol Invest, 31(11), 979-84	Intervention/exposure
800	Fujita, H.,Okada, T.,Inami, I.,Makimoto, M.,Hosono, S.,Minato, M.,Takahashi, S.,Mugishima, H.,Yamamoto, T. (2008). Low-density lipoprotein profile changes during the neonatal period J Perinatol, 28(5), 335-40	Size of study groups, Intervention/exposure

	Full texts screened	Reason for exclusion
801	Fujiwara, T.,Oguni, T.,Unishi, G.,Tanabe, T.,Ohbayashi, K.,Kaneko, K. (2014). Factors related to patterns of body mass index in early infancy: 18 month longitudinal study Pediatr Int, 56(3), 406-10	Intervention/exposure
802	Fullerton, K. E.,Ingram, L. A.,Jones, T. F.,Anderson, B. J.,McCarthy, P. V.,Hurd, S.,Shiferaw, B.,Vugia, D.,Haubert, N.,Hayes, T.,Wedel, S.,Scallan, E.,Henao, O.,Angulo, F. J. (2007). Sporadic campylobacter infection in infants: a population-based surveillance case-control study Pediatr Infect Dis J, 26(1), 19-24	Outcome
803	Gabriel, C. G.,Corso, A. C.,Caldeira, G. V.,Gimeno, S. G.,Schmitz Bde, A.,de Vasconcelos Fde, A. (2010). Overweight and obesity related factors in schoolchildren in Santa Catarina State, Brazil Arch Latinoam Nutr, 60(4), 332-9	Study design
804	Gabriele, C.,Silva, L. M.,Arends, L. R.,Raat, H.,Moll, H. A.,Hofman, A.,Jaddoe, V. W.,de Jongste, J. C. (2012). Early respiratory morbidity in a multicultural birth cohort: the Generation R Study Eur J Epidemiol, 27(6), 453-62	Outcome
805	Gaffney, K. F.,Kitsantas, P.,Cheema, J. (2012). Clinical practice guidelines for feeding behaviors and weight-for-age at 12 months: a secondary analysis of the Infant Feeding Practices Study II Worldviews Evid Based Nurs, 9(4), 234-42	Intervention/exposure
806	Galan-Gonzalez AF,Aznar-Martin T,Cabrera-Dominguez ME,Dominguez-Reyes A (2014). Do breastfeeding and bottle feeding influence occlusal parameters? Breastfeed Med, 9(#issue#), 24-8	Study design
807	Galán-Gónzalez, A. F.,Aznar-Martín, T.,Cabrera-Domínguez, M. E.,Domínguez-Reyes, A. (2014). Do breastfeeding and bottle feeding influence occlusal parameters? Breastfeeding Medicine, 9(1), 24-28	Study design
808	Gale, C. R.,Marriott, L. D.,Martyn, C. N.,Limond, J.,Inskip, H. M.,Godfrey, K. M.,Law, C. M.,Cooper, C.,West, C.,Robinson, S. M. (2010). Breastfeeding, the use of docosahexaenoic acid-fortified formulas in infancy and neuropsychological function in childhood Arch Dis Child, 95(3), 174-9	Outcome
809	Gale, C. R.,Martyn, C. N. (1996). Breastfeeding, dummy use, and adult intelligence Lancet, 347(9008), 1072-5	Outcome
810	Gale, C. R.,Martyn, C. N.,Marriott, L. D.,Limond, J.,Crozier, S.,Inskip, H. M.,Godfrey, K. M.,Law, C. M.,Cooper, C.,Robinson, S. M. (2009). Dietary patterns in infancy and cognitive and neuropsychological function in childhood Journal of Child Psychology and Psychiatry and Allied Disciplines, 50(7), 816-823	Intervention/exposure
811	Gale, C.,Thomas, E. L.,Jeffries, S.,Durighel, G.,Logan, K. M.,Parkinson, J. R.,Uthaya, S.,Santhakumaran, S.,Bell, J. D.,Modi, N. (2014). Adiposity and hepatic lipid in healthy full-term, breastfed, and formula-fed human infants: a prospective short-term longitudinal cohort study Am J Clin Nutr, 99(5), 1034-40	Size of study groups
812	Galler, J. R.,Harrison, R. H.,Ramsey, F.,Forde, V.,Butler, S. C. (2000). Maternal depressive symptoms affect infant cognitive development in Barbados J Child Psychol Psychiatry, 41(6), 747-57	Intervention/exposure
813	Galler, J. R.,Ramsey, F. C.,Harrison, R. H.,Brooks, R.,Weiskopf-Bock, S. (1998). Infant feeding practices in Barbados predict later growth J Nutr, 128(8), 1328-35	Intervention/exposure
814	Galler, J. R.,Ramsey, F. C.,Harrison, R. H.,Taylor, J.,Cumberbatch, G.,Forde, V. (2004). Postpartum maternal moods and infant size predict performance on a national high school entrance examination J Child Psychol Psychiatry, 45(6), 1064-75	Outcome
815	Galli, E.,Picardo, M.,Chini, L.,Passi, S.,Moschese, V.,Terminali, O.,Paone, F.,Fraioli, G.,Rossi, P. (1994). Analysis of polyunsaturated fatty acids in newborn sera: a screening tool for atopic disease? Br J Dermatol, 130(6), 752-6	Size of study groups
816	Gallico R,Hokemeyer C (1987). SIDS project offers delactation advice NAACOG Newsl, 14(#issue#), 4-5	Study design
817	Garcia, M. V.,Azevedo, M. F.,Testa, J. R.,Luiz, C. B. (2012). The influence of the type of breastfeeding on middle ear conditions in infants Braz J Otorhinolaryngol, 78(1), 8-14	Study design, Size of study groups
818	Garcia-Marcos, L.,Mallol, J.,Sole, D.,Brand, P. L. (2010). International study of wheezing in infants: risk factors in affluent and non-affluent countries during the first year of life Pediatr Allergy Immunol, 21(5), 878-88	Study design
819	Garcia-Marcos, L.,Mallol, J.,Sole, D.,Brand, P. L.,Sanchez-Bahillo, M.,Sanchez-Solis, M. (2013). Latitude modifies the effect size of factors related to recurrent wheeze in the first year of life Respir Med, 107(5), 665-72	Study design, Outcome

	Full texts screened	Reason for exclusion
820	Garden, F. L.,Marks, G. B.,Simpson, J. M.,Webb, K. L. (2012). Body mass index (BMI) trajectories from birth to 11.5 years: relation to early life food intake Nutrients, 4(10), 1382-98	Outcome
821	Garmendia, M. L.,Corvalan, C.,Araya, M.,Casanello, P.,Kusanovic, J. P.,Uauy, R. (2015). Effectiveness of a normative nutrition intervention (diet, physical activity and breastfeeding) on maternal nutrition and offspring growth: the Chilean maternal and infant nutrition cohort study (CHiMINCs) BMC Pregnancy Childbirth, 15(#issue#), 175	Study design, Intervention/exposure
822	Garry, P. J.,Owen, G. M.,Hooper, E. M.,Gilbert, B. A. (1981). Iron absorption from human milk and formula with and without iron supplementation Pediatr Res, 15(5), 822-8	Intervention/exposure
823	Garza, C. (2014). The INTERGROWTH-21st project and the multicenter growth reference study: enhanced opportunities for monitoring growth from early pregnancy to 5 years of age Breastfeed Med, 9(7), 341-4	Study design
824	Garza, C.,Borghi, E.,Onyango, A. W.,de Onis, M. (2013). Parental height and child growth from birth to 2 years in the WHO Multicentre Growth Reference Study Matern Child Nutr, 9 Suppl 2(#issue#), 58-68	Outcome
825	Gathwala, G.,Narang, A. (1995). Breast is best Indian J Pediatr, 62(6), 687-90	Study design
826	Gearry, R. B.,Richardson, A. K.,Frampton, C. M.,Dodgshun, A. J.,Barclay, M. L. (2010). Population-based cases control study of inflammatory bowel disease risk factors J Gastroenterol Hepatol, 25(2), 325-33	Outcome
827	Geller-Bernstein, G.,Kenett, R.,Weisglass, L.,Tsur, S.,Lahav, M.,Levin, S. (1987). Atopic babies with wheezy bronchitis. Follow-up study relating prognosis to sequential IgE values, type of early infant feeding, exposure to parental smoking and incidence of lower respiratory tract infections Allergy, 42(2), 85-91	Outcome
828	Gerrard, J. W. (1984). Allergies in breastfed babies to foods ingested by the mother (review) Clin Rev Allergy, 2(2), 143-9	Study design
829	Gerrard, J. W.,Shenassa, M. (1983). Food allergy: two common types as seen in breast and formula fed babies Ann Allergy, 50(6), 375-9	Study design
830	Gessner, B. D.,Plotnik, J.,Muth, P. T. (2003). 25-hydroxyvitamin D levels among healthy children in Alaska J Pediatr, 143(4), 434-7	Study design, Intervention/exposure
831	Gessner, B. D.,Ussery, X. T.,Parkinson, A. J.,Breiman, R. F. (1995). Risk factors for invasive disease caused by Streptococcus pneumoniae among Alaska native children younger than two years of age Pediatr Infect Dis J, 14(2), 123-8	Study design, Size of study groups
832	Ghosh, S.,Sengupta, P. G.,Mondal, S. K.,Banu, M. K.,Gupta, D. N.,Sircar, B. K. (1997). Risk behavioural practices of rural mothers as determinants of childhood diarrhoea J Commun Dis, 29(1), 7-14	Country
833	Ghys, A.,Bakker, E.,Hornstra, G.,van den Hout, M. (2002). Red blood cell and plasma phospholipid arachidonic and docosahexaenoic acid levels at birth and cognitive development at 4 years of age Early Hum Dev, 69(1-2), 83-90	Study design
834	Gianino, P.,Mastretta, E.,Longo, P.,Laccisaglia, A.,Sartore, M.,Russo, R.,Mazzaccara, A. (2002). Incidence of nosocomial rotavirus infections, symptomatic and asymptomatic, in breast-fed and non-breast-fed infants Journal of Hospital Infection, 50(1), 13-17	Study design
835	Gianni, M. L.,Roggero, P.,Baudry, C.,Ligneul, A.,Morniroli, D.,Garbarino, F.,le Ruyet, P.,Mosca, F. (2012). The influence of a formula supplemented with dairy lipids and plant oils on the erythrocyte membrane omega-3 fatty acid profile in healthy full-term infants: a double-blind randomized controlled trial BMC Pediatr, 12(#issue#), 164	Intervention/exposure, Size of study groups
836	Gianni, M. L.,Roggero, P.,Morlacchi, L.,Garavaglia, E.,Piemontese, P.,Mosca, F. (2014). Formula-fed infants have significantly higher fat-free mass content in their bodies than breastfed babies Acta Paediatr, 103(7), e277-81	Intervention/exposure
837	Gibbs, B. G.,Forste, R. (2014). Breastfeeding, parenting, and early cognitive development J Pediatr, 164(3), 487-93	Outcome
838	Gibbs, B. G.,Forste, R. (2014). Socioeconomic status, infant feeding practices and early childhood obesity Pediatr Obes, 9(2), 135-46	Intervention/exposure
839	Gibson RA,Makrides M,Clark KJ,Neumann MA,Lines DR (1992). Long chain omega 3 polyunsaturates in formula-fed term infants Adv Exp Med Biol, 318(#issue#), 341-5	Size of study groups

	Full texts screened	Reason for exclusion
840	Gibson, R. A.,Neumann, M. A.,Makrides, M. (1997). Effect of increasing breast milk docosahexaenoic acid on plasma and erythrocyte phospholipid fatty acids and neural indices of exclusively breast fed infants Eur J Clin Nutr, 51(9), 578-84	Outcome
841	Gibson-Davis, C. M.,Brooks-Gunn, J. (2006). Breastfeeding and verbal ability of 3-year-olds in a multicity sample Pediatrics, 118(5), e1444-51	Outcome
842	Gigante, D. P.,Horta, B. L.,Lima, R. C.,Barros, F. C.,Victora, C. G. (2006). Early life factors are determinants of female height at age 19 years in a population-based birth cohort (Pelotas, Brazil) J Nutr, 136(2), 473-8	Outcome
843	Gil, A.,Lozano, E.,De-Lucchi, C.,Maldonado, J.,Molina, J. A.,Pita, M. (1988). Changes in the fatty acid profiles of plasma lipid fractions induced by dietary nucleotides in infants born at term Eur J Clin Nutr, 42(6), 473-81	Size of study groups
844	Gilat, T.,Hacohen, D.,Lilos, P.,Langman, M. J. (1987). Childhood factors in ulcerative colitis and Crohn's disease. An international cooperative study Scand J Gastroenterol, 22(8), 1009-24	Outcome
845	Gilbert, R. (1994). The changing epidemiology of SIDS Arch Dis Child, 70(5), 445-9	Study design
846	Gilbert, R. E.,Wigfield, R. E.,Fleming, P. J.,Berry, P. J.,Rudd, P. T. (1995). Bottle feeding and the sudden infant death syndrome BMJ, 310(6972), 88-90	Outcome
847	Gillman, M. W.,Rifas-Shiman, S. L.,Berkey, C. S.,Frazier, A. L.,Rockett, H. R.,Camargo, C. A., Jr.,Field, A. E.,Colditz, G. A. (2006). Breast-feeding and overweight in adolescence: within-family analysis [corrected] Epidemiology, 17(1), 112-4	Outcome
848	Gillman, M. W.,Rifas-Shiman, S. L.,Camargo, C. A., Jr.,Berkey, C. S.,Frazier, A. L.,Rockett, H. R.,Field, A. E.,Colditz, G. A. (2001). Risk of overweight among adolescents who were breastfed as infants JAMA, 285(19), 2461-7	Study design
849	Gillman, M. W.,Rifas-Shiman, S. L.,Kleinman, K.,Oken, E.,Rich-Edwards, J. W.,Taveras, E. M. (2008). Developmental origins of childhood overweight: potential public health impact Obesity (Silver Spring), 16(7), 1651-6	Outcome
850	Gimenez-Sanchez, F.,Delgado-Rubio, A.,Martinon-Torres, F.,Bernaola-Iturbe, E. (2010). Multicenter prospective study analysing the role of rotavirus on acute gastroenteritis in Spain Acta Paediatr, 99(5), 738-42	Study design, Participant health
851	Gimeno, S. G.,de Souza, J. M. (1997). IDDM and milk consumption. A case-control study in Sao Paulo, Brazil Diabetes Care, 20(8), 1256-60	Outcome
852	Giovannini, M.,Agostoni, C.,Fiocchi, A.,Bellu, R.,Trojan, S.,Riva, E. (1994). Antigen-reduced infant formulas versus human milk: growth and metabolic parameters in the first 6 months of life J Am Coll Nutr, 13(4), 357-63	Size of study groups
853	Giovannini, M.,Verduci, E.,Zuccotti, G.,Biasucci, G.,Podesta, A.,Rottoli, A.,Gregori, D.,Ballali, S.,Banderali, G.,Riva, E.,Ghisleni, D.,Pogliani, L.,Cicero, C.,Tonella, M.,Frugnoli, I. (2013). Safety of a formula supplemented with galacto-oligosaccharides in term infants International journal of probiotics & prebiotics, 8(2-3), 67-74	Intervention/exposure
854	Giovannini, M.,Verduci, E.,Zuccotti, G.,Biasucci, G.,Podesta, A.,Rottoli, A.,Gregori, D.,Ballali, S.,Soldi, S.,Banderali, G.,Ghisleni, D.,Riva, E. (2013). Prebiotic effect of a formula supplemented with galacto-oligosaccharides in term infants: A randomized multicenter trial Annals of nutrition & metabolism, 63(#issue#), 1667	Study design
855	Gishti, O.,Gaillard, R.,Durmus, B.,Hofman, A.,Duijts, L.,Franco, O. H.,Jaddoe, V. W. (2014). Infant diet and metabolic outcomes in school-age children. The Generation R Study Eur J Clin Nutr, 68(9), 1008-15	Outcome
856	Gishti, O.,Jaddoe, V. W.,Duijts, L.,Franco, O. H.,Hofman, A.,Ikram, M. K.,Gaillard, R. (2015). Influence of breastfeeding on retinal vessel calibers in school-age children. The Generation R Study Eur J Clin Nutr, #volume#(#issue#), #Pages#	Outcome
857	Giugliano, L. G.,Meyer, C. J.,Arantes, L. C.,Ribeiro, S. T.,Giugliano, R. (1993). Mannose-resistant haemagglutination (MRHA) and haemolysin (Hly) production of strains of Escherichia coli isolated from children with diarrhoea: effect of breastfeeding J Trop Pediatr, 39(3), 183-7	Study design, Participant health
858	Giwercman, C.,Halkjaer, L. B.,Jensen, S. M.,Bonnelykke, K.,Lauritzen, L.,Bisgaard, H. (2010). Increased risk of eczema but reduced risk of early wheezy disorder from exclusive breast-feeding in high-risk infants J Allergy Clin Immunol, 125(4), 866-71	Intervention/exposure

	Full texts screened	Reason for exclusion
859	Glatthaar, C.,Whittall, D. E.,Welborn, T. A.,Gibson, M. J.,Brooks, B. H.,Ryan, M. M.,Byrne, G. C. (1988). Diabetes in Western Australian children: descriptive epidemiology Med J Aust, 148(3), 117-23	Intervention/exposure
860	Gliddon, M. L.,Sutton, G. (2001). Prediction of 8-month MEE from neonatal risk factors and test results in SCBU and full-term babies British Journal of Audiology, 35(1), 77-85	Non-human sample, Participant health
861	Glueck, C. J.,Salehi, M.,Sieve, L.,Wang, P. (2006). Growth, motor, and social development in breast- and formula-fed infants of metformin-treated women with polycystic ovary syndrome J Pediatr, 148(5), 628-632	Outcome
862	Gokcay, G.,Turan, J. M.,Partalci, A.,Neyzi, O. (2003). Growth of infants during the first year of life according to feeding regimen in the first 4 months J Trop Pediatr, 49(1), 6-12	Intervention/exposure
863	Goldfield, G. S.,Paluch, R.,Keniray, K.,Hadjiyannakis, S.,Lumb, A. B.,Adamo, K. (2006). Effects of breastfeeding on weight changes in family-based pediatric obesity treatment J Dev Behav Pediatr, 27(2), 93-7	Participant health
864	Golding, J.,Rogers, I. S.,Emmett, P. M. (1997). Breast feeding: benefits and hazards. Methodology and summary of results Early Hum Dev, 49 Suppl(#issue#), S1-6	Study design
865	Gomez-Sanchiz, M.,Canete, R.,Rodero, I.,Baeza, J. E.,Avila, O. (2003). Influence of breast-feeding on mental and psychomotor development Clin Pediatr (Phila), 42(1), 35-42	Outcome
866	Gomez-Sanchiz, M.,Canete, R.,Rodero, I.,Baeza, J. E.,Gonzalez, J. A. (2004). Influence of breast-feeding and parental intelligence on cognitive development in the 24-month-old child Clin Pediatr (Phila), 43(8), 753-61	Outcome
867	Gong, Y. H.,Ji, C. Y.,Zheng, X. X.,Shan, J. P.,Hou, R. (2008). Correlation of 4-month infant feeding modes with their growth and iron status in Beijing Chin Med J (Engl), 121(5), 392-8	Intervention/exposure
868	Gonzalez-Casanova, I.,Stein, A.,Hao, W.,Feregrino, R.,Romieu, I.,Barraza-Villarreal, A.,Rivera, J.,Martorell, R.,Ramakrishnan, U. (2014). Height and BMI at five years of age following prenatal supplementation with docosahexaenoic acid in Mexico FASEB journal, 28(1 suppl. 1), #Pages#	Publication status
869	Gónzalez-Iglesias, H.,De La Flor St Remy, R. R.,López-Sastre, J.,Fernández-Colomer, B.,Ibáñez-Fernández, A.,Solís, G.,Sanz-Medel, A.,Fernández-Sánchez, M. L. (2012). Efficiency of iodine supplementation, as potassium iodide, during lactation: A study in neonates and their mothers Food Chemistry, 133(3), 859-865	Intervention/exposure
870	Gopalan, S.,Puri, R. K. (1992). Breast feeding and infant growth Indian Pediatr, 29(8), 1079-86	Study design
871	Gopinath, V. K.,Muda, W. A. (2005). Assessment of growth and feeding practices in children with cleft lip and palate Southeast Asian J Trop Med Public Health, 36(1), 254-8	Intervention/exposure, Outcome
872	Gordon, M. (1995). Why breastfeeding is best for babies Health Visit, 68(5), 203-4	Study design
873	Gordon, R. R.,Noble, D. A.,Ward, A. M.,Allen, R. (1982). Immunoglobulin E and the eczema-asthma syndrome in early childhood Lancet, 1(8263), 72-4	Outcome
874	Gore, C.,Custovic, A.,Tannock, G. W.,Munro, K.,Kerry, G.,Johnson, K.,Peterson, C.,Morris, J.,Chaloner, C.,Murray, C. S.,Woodcock, A. (2012). Treatment and secondary prevention effects of the probiotics Lactobacillus paracasei or Bifidobacterium lactis on early infant eczema: randomized controlled trial with follow-up until age 3 years Clin Exp Allergy, 42(1), 112-22	Participant health, Size of study groups
875	Gore, C.,Munro, K.,Lay, C.,Bibiloni, R.,Morris, J.,Woodcock, A.,Custovic, A.,Tannock, G. W. (2008). Bifidobacterium pseudocatenulatum is associated with atopic eczema: a nested case-control study investigating the fecal microbiota of infants J Allergy Clin Immunol, 121(1), 135-40	Size of study groups
876	Gore, N.,Emerson, E.,Brady, S. (2015). Rates of breastfeeding and exposure to socio-economic adversity amongst children with intellectual disability Res Dev Disabil, 39(#issue#), 12-9	Outcome
877	Gormally, S. M.,Matthews, T. G. (1992). Contemporary risk factors for sudden infant death in an Irish population--a case control study Ir J Med Sci, 161(5), 131-4	Outcome

	Full texts screened	Reason for exclusion
878	Grabenhenrich, L. B.,Gough, H.,Reich, A.,Eckers, N.,Zepp, F.,Nitsche, O.,Forster, J.,Schuster, A.,Schramm, D.,Bauer, C. P.,Hoffmann, U.,Beschorner, J.,Wagner, P.,Bergmann, R.,Bergmann, K.,Matricardi, P. M.,Wahn, U.,Lau, S.,Keil, T. (2014). Early-life determinants of asthma from birth to age 20 years: a German birth cohort study J Allergy Clin Immunol, 133(4), 979-88	Outcome
879	Gracey, M. (1989). Maternal health, breast-feeding and infant nutrition in Australian aborigines Acta Paediatr Jpn, 31(4), 377-80	Study design
880	Grainger, M. (2006). Breastfeeding can reduce infant infections and health care costs Ala Nurse, 33(3), 23	Study design
881	Grandjean, P.,Poulsen, L. K.,Heilmann, C.,Steuerwald, U.,Weihe, P. (2010). Allergy and sensitization during childhood associated with prenatal and lactational exposure to marine pollutants Environ Health Perspect, 118(10), 1429-33	Outcome
882	Granot, E.,Golan, D.,Berry, E. M. (2000). Breast-fed and formula-fed infants do not differ in immunocompetent cell cytokine production despite differences in cell membrane fatty acid composition Am J Clin Nutr, 72(5), 1202-5	Size of study groups
883	Graves, J.,Grandhe, S.,Weinfurtner, K.,Krupp, L.,Belman, A.,Chitnis, T.,Ness, J.,Weinstock-Guttman, B.,Gorman, M.,Patterson, M.,Rodriguez, M.,Lotze, T.,Aaen, G.,Mowry, E. M.,Rose, J. W.,Simmons, T.,Casper, T. C.,James, J.,Waubant, E. (2014). Protective environmental factors for neuromyelitis optica Neurology, 83(21), 1923-9	Outcome
884	Greasley, V. (1986). Breast feeding Nursing (Lond), 3(2), 63-70	Study design
885	Greco, L.,Auricchio, S.,Mayer, M.,Grimaldi, M. (1988). Case control study on nutritional risk factors in celiac disease J Pediatr Gastroenterol Nutr, 7(3), 395-9	Outcome
886	Green, Ken (2012). UC Denver Study: Breastfeeding Can Prevent Diabetes-Related Childhood Obesity Inside Childbirth Education, #volume#(#issue#), 10-10 1p	Study design
887	Greene, L. C.,Lucas, A.,Livingstone, M. B.,Harland, P. S.,Baker, B. A. (1995). Relationship between early diet and subsequent cognitive performance during adolescence Biochem Soc Trans, 23(2), 376S	Outcome
888	Greenop, K. R.,Bailey, H. D.,Miller, M.,Scott, R. J.,Attia, J.,Ashton, L. J.,Downie, P.,Armstrong, B. K.,Milne, E. (2015). Breastfeeding and nutrition to 2 years of age and risk of childhood acute lymphoblastic leukemia and brain tumors Nutr Cancer, 67(3), 431-41	Outcome
889	Greer FR,Tsang RC (1983). Vitamin D in human milk: is there enough? J Pediatr Gastroenterol Nutr, 2 Suppl 1(#issue#), S277-81	Study design
890	Greer MH,Tendan SL (1998). Early childhood dental caries in Hawai'i Hawaii Dent J, 29(#issue#), 10, 14	Study design
891	Greer, F. R.,Marshall, S. (1989). Bone mineral content, serum vitamin D metabolite concentrations, and ultraviolet B light exposure in infants fed human milk with and without vitamin D2 supplements J Pediatr, 114(2), 204-12	Size of study groups
892	Greer, F. R.,Searcy, J. E.,Levin, R. S.,Steichen, J. J.,Steichen-Asche, P. S.,Tsang, R. C. (1982). Bone mineral content and serum 25-hydroxyvitamin D concentrations in breast-fed infants with and without supplemental vitamin D: one-year follow-up J Pediatr, 100(6), 919-22	Size of study groups
893	Greibe, E.,Lildballe, D. L.,Streym, S.,Vestergaard, P.,Rejnmark, L.,Mosekilde, L.,Nexo, E. (2013). Cobalamin and haptocorrin in human milk and cobalamin-related variables in mother and child: a 9-mo longitudinal study Am J Clin Nutr, 98(2), 389-95	Intervention/exposure
894	Grguric, J.,Wen, R. A.,Kylberg, E.,Ashmore, S.,Macenroe, T. (2012). International perspectives on the Baby-Friendly Initiative J Hum Lact, 28(3), 281-4	Study design
895	Grice, A. C.,McGlashan, N. D. (1981). Obstetric factors in 171 sudden infant deaths in Tasmania, 1970--1976 Med J Aust, 1(1), 26-31	Outcome
896	Griffiths, L. J.,Hawkins, S. S.,Cole, T. J.,Dezateux, C. (2010). Risk factors for rapid weight gain in preschool children: Findings from a UK-wide prospective study International Journal of Obesity, 34(4), 624-632	Outcome
897	Griffiths, L. J.,Smeeth, L.,Hawkins, S. S.,Cole, T. J.,Dezateux, C. (2009). Effects of infant feeding practice on weight gain from birth to 3 years Arch Dis Child, 94(8), 577-82	Outcome

	Full texts screened	Reason for exclusion
898	Grimshaw, K. E.,Maskell, J.,Oliver, E. M.,Morris, R. C.,Foote, K. D.,Mills, E. N.,Roberts, G.,Margetts, B. M. (2013). Introduction of complementary foods and the relationship to food allergy Pediatrics, 132(6), e1529-38	Outcome
899	Grjibovski, A. M.,Bygren, L. O.,Yngve, A.,Sjostrom, M. (2004). Social variations in infant growth performance in Severodvinsk, Northwest Russia: community-based cohort study Croat Med J, 45(6), 757-63	Outcome
900	Groen-Blokhuis, M. M.,Franic, S.,van Beijsterveldt, C. E.,de Geus, E.,Bartels, M.,Davies, G. E.,Ehli, E. A.,Xiao, X.,Scheet, P. A.,Althoff, R.,Hudziak, J. J.,Middeldorp, C. M.,Boomsma, D. I. (2013). A prospective study of the effects of breastfeeding and FADS2 polymorphisms on cognition and hyperactivity/attention problems Am J Med Genet B Neuropsychiatr Genet, 162B(5), 457-65	Outcome
901	Groenwold, R. H.,Tilling, K.,Moons, K. G.,Hoes, A. W.,van der Ent, C. K.,Kramer, M. S.,Martin, R. M.,Sterne, J. A. (2014). Breast-feeding and health consequences in early childhood: is there an impact of time-dependent confounding? Ann Nutr Metab, 65(2-3), 139-48	Intervention/exposure
902	Grossman, X.,Chaudhuri, J. H.,Feldman-Winter, L.,Merewood, A. (2012). Neonatal weight loss at a US Baby-Friendly Hospital J Acad Nutr Diet, 112(3), 410-3	Size of study groups
903	Grube, M. M.,von der Lippe, E.,Schlaud, M.,Brettschneider, A. K. (2015). Does breastfeeding help to reduce the risk of childhood overweight and obesity? A propensity score analysis of data from the KiGGS study PLoS One, 10(3), e0122534	Study design
904	Gruber, C.,van Stuijvenberg, M.,Mosca, F.,Moro, G.,Chirico, G.,Braegger, C. P.,Riedler, J.,Boehm, G.,Wahn, U. (2010). Reduced occurrence of early atopic dermatitis because of immunoactive prebiotics among low-atopy-risk infants J Allergy Clin Immunol, 126(4), 791-7	Intervention/exposure
905	Gruber, M.,Marshall, J. R.,Zielezny, M.,Lance, P. (1996). A case-control study to examine the influence of maternal perinatal behaviors on the incidence of Crohn's disease Gastroenterol Nurs, 19(2), 53-9	Study design
906	Grummer-Strawn, L. M.,Li, R.,Perrine, C. G.,Scanlon, K. S.,Fein, S. B. (2014). Infant feeding and long-term outcomes: results from the year 6 follow-up of children in the Infant Feeding Practices Study II Pediatrics, 134 Suppl 1(#issue#), S1-3	Study design
907	Grummer-Strawn, L. M.,Mei, Z. (2004). Does breastfeeding protect against pediatric overweight? Analysis of longitudinal data from the Centers for Disease Control and Prevention Pediatric Nutrition Surveillance System Pediatrics, 113(2), e81-6	Outcome
908	Gruskay, F. L. (1982). Comparison of breast, cow, and soy feedings in the prevention of onset of allergic disease: a 15-year prospective study Clin Pediatr (Phila), 21(8), 486-91	Intervention/exposure
909	Gruszfeld, D.,Weber, M.,Nowakowska-Rysz, M.,Janas, R.,Kozlik-Feldmann, R.,Xhonneux, A.,Carlier, C.,Riva, E.,Verduci, E.,Closa-Monasterolo, R.,Escribano, J.,Dobrzanska, A.,Koletzko, B. (2015). Protein intake in infancy and carotid intima media thickness at 5 years--a secondary analysis from a randomized trial Ann Nutr Metab, 66(1), 51-9	Intervention/exposure
910	Gubbels, J. S.,Thijs, C.,Stafleu, A.,van Buuren, S.,Kremers, S. P. (2011). Association of breast-feeding and feeding on demand with child weight status up to 4 years Int J Pediatr Obes, 6(2-2), e515-22	Outcome
911	Gudino, S.,Rojas, N.,Castro, C.,Rodriguez, M.,Vega, M.,Lopez, L. M. (2007). Colonization of mutans streptococci in Costa Rican children from a high-risk population J Dent Child (Chic), 74(1), 36-40	Study design
912	Guedes, H. T.,Souza, L. S. (2009). Exposure to maternal smoking in the first year of life interferes in breast-feeding protective effect against the onset of respiratory allergy from birth to 5 yr Pediatr Allergy Immunol, 20(1), 30-4	Intervention/exposure
913	Guerrero, M. L.,Moreno-Espinosa, S.,Tuz-Dzib, F.,Solis-Albino, J.,Ortega-Gallegos, H.,Ruiz-Palacios, G. M. (2004). Breastfeeding and natural colonization with Lactobacillus spp as protection against rotavirus-associated diarrhea Adv Exp Med Biol, 554(#issue#), 451-5	Publication status
914	Guesnet, P.,Pugo-Gunsam, P.,Maurage, C.,Pinault, M.,Giraudeau, B.,Alessandri, J. M.,Durand, G.,Antoine, J. M.,Couet, C. (1999). Blood lipid concentrations of docosahexaenoic and arachidonic acids at birth determine their relative postnatal changes in term infants fed breast milk or formula Am J Clin Nutr, 70(2), 292-8	Size of study groups

	Full texts screened	Reason for exclusion
915	Guibas, G. V.,Xepapadaki, P.,Moschonis, G.,Douladiris, N.,Filippou, A.,Tsirigoti, L.,Manios, Y.,Papadopoulos, N. G. (2013). Breastfeeding and wheeze prevalence in pre-schoolers and pre-adolescents: the Genesis and Healthy Growth studies Pediatr Allergy Immunol, 24(8), 772-81	Study design
916	Guldan, G. S.,Fan, H. C.,Ma, X.,Ni, Z. Z.,Xiang, X.,Tang, M. Z. (2000). Culturally appropriate nutrition education improves infant feeding and growth in rural Sichuan, China J Nutr, 130(5), 1204-11	Study design, Outcome
917	Gulick EE (1986). The effects of breast-feeding on toddler health Pediatr Nurs, 12(#issue#), 51-4	Outcome
918	Gulick, E. E. (1983). Infant health and breast-feeding Pediatr Nurs, 9(5), 359-62, 389	Study design
919	Gunderson, E. P. (2007). Breastfeeding after gestational diabetes pregnancy: subsequent obesity and type 2 diabetes in women and their offspring Diabetes Care, 30 Suppl 2(#issue#), S161-8	Study design
920	Gunderson, E. P.,Hurston, S. R.,Dewey, K. G.,Faith, M. S.,Charvat-Aguilar, N.,Khoury, V. C.,Nguyen, V. T.,Quesenberry, C. P., Jr. (2015). The study of women, infant feeding and type 2 diabetes after GDM pregnancy and growth of their offspring (SWIFT Offspring study): prospective design, methodology and baseline characteristics BMC Pregnancy Childbirth, 15(#issue#), 150	Study design
921	Gungor, D. E.,Paul, I. M.,Birch, L. L.,Bartok, C. J. (2010). Risky vs rapid growth in infancy: refining pediatric screening for childhood overweight Arch Pediatr Adolesc Med, 164(12), 1091-7	Outcome
922	Gunnarsdottir, I.,Aspelund, T.,Birgisdottir, B. E.,Benediktsson, R.,Gudnason, V.,Thorsdottir, I. (2007). Infant feeding patterns and midlife erythrocyte sedimentation rate Acta Paediatr, 96(6), 852-6	Intervention/exposure
923	Gunnarsdottir, I.,Schack-Nielsen, L.,Michaelsen, K. F.,Sorensen, T. I.,Thorsdottir, I. (2010). Infant weight gain, duration of exclusive breast-feeding and childhood BMI - two similar follow-up cohorts Public Health Nutr, 13(2), 201-7	Outcome
924	Gunther, A. L.,Walz, H.,Kroke, A.,Wudy, S. A.,Riedel, C.,von Kries, R.,Joslowski, G.,Remer, T.,Cheng, G.,Buyken, A. E. (2013). Breastfeeding and its prospective association with components of the GH-IGF-Axis, insulin resistance and body adiposity measures in young adulthood--insights from linear and quantile regression analysis PLoS One, 8(11), e79436	Intervention/exposure
925	Guo, A. Y.,Stevens, B. W.,Wilson, R. G.,Russell, C. N.,Cohen, M. A.,Sturgeon, H. C.,Thornton, A.,Giallourakis, C.,Khalili, H.,Nguyen, D. D.,Sauk, J.,Yajnik, V.,Xavier, R. J.,Ananthakrishnan, A. N. (2014). Early life environment and natural history of inflammatory bowel diseases BMC Gastroenterol, 14(#issue#), 216	Study design, Outcome
926	Gurkan, F.,Davutog Lu, M.,Bilici, M.,Sincar, N.,Haspolat, K. (2002). Pulmonary functions in atopic and nonatopic asthmatic children Allergol Immunopathol (Madr), 30(2), 70-3	Study design, Participant health
927	Gurkan, F.,Davutoglu, M.,Bilici, M.,Dagli, A.,Haspolat, K. (2002). Asthmatic children and risk factors at a province in the southeast of Turkey Allergol Immunopathol (Madr), 30(1), 25-9	Study design
928	Gurnida, D. A.,Rowan, A. M.,Idjradinata, P.,Muchtadi, D.,Sekarwana, N. (2012). Association of complex lipids containing gangliosides with cognitive development of 6-month-old infants Early Hum Dev, 88(8), 595-601	Country
929	Gurwith, M.,Wenman, W.,Gurwith, D.,Brunton, J.,Feltham, S.,Greenberg, H. (1983). Diarrhea among infants and young children in Canada: a longitudinal study in three northern communities J Infect Dis, 147(4), 685-92	Size of study groups, Intervention/exposure
930	Gurwith, M.,Wenman, W.,Hinde, D.,Feltham, S.,Greenberg, H. (1981). A prospective study of rotavirus infection in infants and young children J Infect Dis, 144(3), 218-24	Size of study groups
931	Gustafsson, D.,Lowhagen, T.,Andersson, K. (1992). Risk of developing atopic disease after early feeding with cows' milk based formula Arch Dis Child, 67(8), 1008-10	Intervention/exposure
932	Gustafsson, P. A.,Duchen, K.,Birberg, U.,Karlsson, T. (2004). Breastfeeding, very long polyunsaturated fatty acids (PUFA) and IQ at 6 1/2 years of age Acta Paediatr, 93(10), 1280-7	Outcome

	Full texts screened	Reason for exclusion
933	Guxens, M.,Aguilera, I.,Ballester, F.,Estarlich, M.,Fernandez-Somoano, A.,Lertxundi, A.,Lertxundi, N.,Mendez, M. A.,Tardon, A.,Vrijheid, M.,Sunyer, J. (2012). Prenatal exposure to residential air pollution and infant mental development: modulation by antioxidants and detoxification factors Environ Health Perspect, 120(1), 144-9	Outcome
934	Guxens, M.,Mendez, M. A.,Molto-Puigmarti, C.,Julvez, J.,Garcia-Esteban, R.,Forns, J.,Ferrer, M.,Vrijheid, M.,Lopez-Sabater, M. C.,Sunyer, J. (2011). Breastfeeding, long-chain polyunsaturated fatty acids in colostrum, and infant mental development Pediatrics, 128(4), e880-9	Outcome
935	Habibzadeh, H.,Jafarizadeh, H.,Didarloo, A. (2015). Determinants of failure to thrive (FTT) among infants aged 6-24 months: a case-control study J Prev Med Hyg, 56(4), E180-6	Study design
936	Habicht, J. P.,DaVanzo, J.,Butz, W. P. (1986). Does breastfeeding really save lives, or are apparent benefits due to biases? Am J Epidemiol, 123(2), 279-90	Study design
937	Habicht, J. P.,DaVanzo, J.,Butz, W. P. (1988). Mother's milk and sewage: their interactive effects on infant mortality Pediatrics, 81(3), 456-61	Study design
938	Hackney, A. R. (1990). Breast feeding Am J Nurs, 90(12), 70	Study design
939	Haddad, M. B.,Porucznik, C. A.,Joyce, K. E.,De, A. K.,Pavia, A. T.,Rolfs, R. T.,Byington, C. L. (2008). Risk factors for pediatric invasive pneumococcal disease in the Intermountain West, 1996-2002 Ann Epidemiol, 18(2), 139-46	Intervention/exposure
940	Haider, S. J.,Chang, L. V.,Bolton, T. A.,Gold, J. G.,Olson, B. H. (2014). An evaluation of the effects of a breastfeeding support program on health outcomes Health Serv Res, 49(6), 2017-34	Intervention/exposure, Outcome
941	Haines, M. R.,Kintner, H. J. (2008). "Can breast feeding help you in later life? Evidence from German military heights in the early 20th century" Econ Hum Biol, 6(3), 420-30	Study design, Intervention/exposure
942	Hakansson, A.,Carlsson, B. (1992). Maternal cigarette smoking, breast-feeding, and respiratory tract infections in infancy. A population-based cohort study Scand J Prim Health Care, 10(1), 60-5	Study design, Outcome
943	Halchak, B. (1982). The Oxford lactation study J Nurse Midwifery, 27(5), 34-6	Intervention/exposure, Outcome
944	Halken, S. (2004). What causes allergy and asthma? The role of dietary factors Pediatr Pulmonol Suppl, 26(#issue#), 223-4	Study design
945	Halken, S.,Hansen, K. S.,Jacobsen, H. P.,Estmann, A.,Faelling, A. E.,Hansen, L. G.,Kier, S. R.,Lassen, K.,Lintrup, M.,Mortensen, S.,Ibsen, K. K.,Osterballe, O.,Host, A. (2000). Comparison of a partially hydrolyzed infant formula with two extensively hydrolyzed formulas for allergy prevention: a prospective, randomized study Pediatr Allergy Immunol, 11(3), 149-61	Intervention/exposure
946	Halken, S.,Host, A.,Hansen, L. G.,Osterballe, O. (1992). Effect of an allergy prevention programme on incidence of atopic symptoms in infancy. A prospective study of 159 "high-risk" infants Allergy, 47(5), 545-53	Study design, Intervention/exposure
947	Halken, S.,Host, A.,Hansen, L. G.,Osterballe, O. (1993). Preventive effect of feeding high-risk infants a casein hydrolysate formula or an ultrafiltrated whey hydrolysate formula. A prospective, randomized, comparative clinical study Pediatr Allergy Immunol, 4(4), 173-81	Size of study groups, Intervention/exposure
948	Halken, S.,Host, A.,Husby, S.,Hansen, L. G.,Osterballe, O.,Nyboe, J. (1991). Recurrent wheezing in relation to environmental risk factors in infancy. A prospective study of 276 infants Allergy, 46(7), 507-14	Outcome
949	Hall, K.,Frederiksen, B.,Rewers, M.,Norris, J. M. (2015). Daycare attendance, breastfeeding, and the development of type 1 diabetes: the diabetes autoimmunity study in the young Biomed Res Int, 2015(#issue#), 203947	Outcome
950	Hallonsten, A. L.,Wendt, L. K.,Mejare, I.,Birkhed, D.,Hakansson, C.,Lindvall, A. M.,Edwardsson, S.,Koch, G. (1995). Dental caries and prolonged breast-feeding in 18-month-old Swedish children Int J Paediatr Dent, 5(3), 149-55	Study design
951	Hambraeus, L. (1982). The significance of mother's milk and breast-feeding for development and later life Bibl Nutr Dieta, #volume#(31), 1-16	Study design

	Full texts screened	Reason for exclusion
952	Hamburger, R. N.,Heller, S.,Mellon, M. H.,O'Connor, R. D.,Zeiger, R. S. (1983). Current status of the clinical and immunologic consequences of a prototype allergic disease prevention program Ann Allergy, 51(2 Pt 2), 281-90	Study design, Intervention/exposure
953	Hamilton, J. J.,Synnes, A.,Innis, S. M. (1992). Plasma cholesterol and lathosterol levels in term infants in the early neonatal period Pediatr Res, 31(4 Pt 1), 396-400	Size of study groups
954	Hamilton, J. R. (1985). Viral diarrhea Pediatr Ann, 14(1), 25-8	Study design
955	Han, D. H.,Ahn, J. C.,Mun, S. J.,Park, S. K.,Oh, S. Y.,Rhee, C. S. (2015). Novel risk factors for allergic rhinitis in Korean elementary school children: ARCO-kids phase II in a community Allergy, Asthma and Immunology Research, 7(3), 234-240	Study design
956	Han, D. Y.,Fraser, A. G.,Dryland, P.,Ferguson, L. R. (2010). Environmental factors in the development of chronic inflammation: a case-control study on risk factors for Crohn's disease within New Zealand Mutat Res, 690(1-2), 116-22	Study design
957	Han, Y. S.,Park, H. Y.,Ahn, K. M.,Lee, J. S.,Choi, H. M.,Lee, S. I. (2003). Short-term effect of partially hydrolyzed formula on the prevention of development of atopic dermatitis in infants at high risk J Korean Med Sci, 18(4), 547-51	Size of study groups
958	Han, Y.,Chung, S. J.,Kim, J.,Ahn, K.,Lee, S. I. (2009). High sensitization rate to food allergens in breastfed infants with atopic dermatitis Ann Allergy Asthma Immunol, 103(4), 332-6	Study design, Outcome
959	Hancox, R. J.,Stewart, A. W.,Braithwaite, I.,Beasley, R.,Murphy, R.,Mitchell, E. A. (2015). Association between breastfeeding and body mass index at age 6-7 years in an international survey Pediatr Obes, 10(4), 283-7	Study design
960	Hanicar, B.,Mandic, Z.,Pavic, R. (2009). Exclusive breastfeeding and growth in Croatian infants--comparison to the WHO child growth standards and to the NCHS growth references Coll Antropol, 33(3), 735-41	Outcome
961	Hanning, R. M.,Paes, B.,Atkinson, S. A. (1992). Protein metabolism and growth of term infants in response to a reduced-protein, 40:60 whey: casein formula with added tryptophan Am J Clin Nutr, 56(6), 1004-11	Outcome
962	Hansen, K. (2015). The Power of Nutrition and the Power of Breastfeeding Breastfeed Med, 10(8), 385-8	Study design
963	Hansen, T. S.,Jess, T.,Vind, I.,Elkjaer, M.,Nielsen, M. F.,Gamborg, M.,Munkholm, P. (2011). Environmental factors in inflammatory bowel disease: a case-control study based on a Danish inception cohort J Crohns Colitis, 5(6), 577-84	Outcome
964	Hanson, L. A.,Ashraf, R.,Zaman, S.,Karlberg, J.,Lindblad, B. S.,Jalil, F. (1994). Breast feeding is a natural contraceptive and prevents disease and death in infants, linking infant mortality and birth rates Acta Paediatr, 83(1), 3-6	Study design
965	Hanson, L. A.,Jalil, F.,Ashraf, R.,Bernini, S.,Carlsson, B.,Cruz, J. R.,Gonzalez, T.,Hahn-Zoric, M.,Mellander, L.,Minoli, Y.,et al, (1991). Characteristics of human milk antibodies and their effect in relation to the epidemiology of breastfeeding and infections in a developing country Adv Exp Med Biol, 310(#issue#), 1-15	Country
966	Happ B (1986). Infants receive nutrition from human breast milk NAACOG Newsl, 13(#issue#), 1, 12-3	Study design
967	Haq, M. E.,Begum, K.,Muttalib, M. A.,Shahidullah, M. (1985). Prevalence of caries in urban children and its relation to feeding pattern Bangladesh Med Res Counc Bull, 11(2), 55-63	Country
968	Hardell, L.,Dreifaldt, A. C. (2001). Breast-feeding duration and the risk of malignant diseases in childhood in Sweden Eur J Clin Nutr, 55(3), 179-85	Intervention/exposure
969	Hardy, E. E.,Vichi, A. M.,Sarmento, R. C.,Moreira, L. E.,Bosqueiro, C. M. (1982). Breastfeeding promotion: effect of an educational program in Brazil Stud Fam Plann, 13(3), 79-86	Outcome
970	Harkin, T. (2011). Wellness and disease prevention begins at birth: the critically important role of breastfeeding Breastfeed Med, 6(#issue#), 245-6	Study design
971	Harland, B. F.,Smith, S. A.,Ellis, R.,O'Brien, R.,Morris, E. R. (1992). Comparison of the nutrient intakes of blacks, Siouan Indians, and whites in Columbus County, North Carolina Journal of the American Dietetic Association, 92(3), 348-350	Study design, Outcome

	Full texts screened	Reason for exclusion
972	Harris, J. M.,Cullinan, P.,Williams, H. C.,Mills, P.,Moffat, S.,White, C.,Newman Taylor, A. J. (2001). Environmental associations with eczema in early life Br J Dermatol, 144(4), 795-802	Outcome
973	Harris, M. C.,Kolski, G. B.,Campbell, D. E.,Deuber, C.,Marcus, M.,Douglas, S. D. (1989). Ontogeny of the antibody response to cow milk proteins Ann Allergy, 63(5), 439-43	Size of study groups
974	Harrison, G. G.,Graver, E. J.,Vargas, M.,Churella, H. R.,Paule, C. L. (1987). Growth and adiposity of term infants fed whey-predominant or casein-predominant formulas or human milk J Pediatr Gastroenterol Nutr, 6(5), 739-47	Size of study groups
975	Harrison, R.,Wong, T.,Ewan, C.,Contreras, B.,Phung, Y. (1997). Feeding practices and dental caries in an urban Canadian population of Vietnamese preschool children ASDC J Dent Child, 64(2), 112-7	Study design
976	Harsten, G.,Prellner, K.,Heldrup, J.,Kalm, O.,Kornfalt, R. (1989). Recurrent acute otitis media. A prospective study of children during the first three years of life Acta Otolaryngol, 107(1-2), 111-9	Size of study groups
977	Hart, S.,Boylan, L. M.,Carroll, S.,Musick, Y. A.,Lampe, R. M. (2003). Brief report: breast-fed one-week-olds demonstrate superior neurobehavioral organization J Pediatr Psychol, 28(8), 529-34	Outcome
978	Hartley, A. L.,Birch, J. M.,McKinney, P. A.,Blair, V.,Teare, M. D.,Carrette, J.,Mann, J. R.,Stiller, C. A.,Draper, G. J.,Johnston, H. E.,et al, (1988). The Inter-Regional Epidemiological Study of Childhood Cancer (IRESCC): past medical history in children with cancer J Epidemiol Community Health, 42(3), 235-42	Outcome
979	Harvey, N. C.,Robinson, S. M.,Crozier, S. R.,Marriott, L. D.,Gale, C. R.,Cole, Z. A.,Inskip, H. M.,Godfrey, K. M.,Cooper, C. (2009). Breast-feeding and adherence to infant feeding guidelines do not influence bone mass at age 4 years Br J Nutr, 102(6), 915-20	Outcome
980	Haschke, F.,van't Hof, M. A. (2000). Euro-Growth references for breast-fed boys and girls: influence of breast-feeding and solids on growth until 36 months of age. Euro-Growth Study Group J Pediatr Gastroenterol Nutr, 31 Suppl 1(#issue#), S60-71	Intervention/exposure
981	Haschke, F.,Vanura, H.,Male, C.,Owen, G.,Pietschnig, B.,Schuster, E.,Krobath, E.,Huemer, C. (1993). Iron nutrition and growth of breast- and formula-fed infants during the first 9 months of life J Pediatr Gastroenterol Nutr, 16(2), 151-6	Size of study groups
982	Haschke, F.,Ziegler, E. E.,Grathwohl, D. (2014). Fast growth of infants of overweight mothers: Can it be slowed down? Annals of Nutrition and Metabolism, 64(#issue#), 19-24	Intervention/exposure
983	Hashim SA (1983). Dietary fats and adipose tissue fatty acid composition Prev Med, 12(#issue#), 854-67	Study design
984	Hasselbalch, H.,Jeppesen, D. L.,Ersboll, A. K.,Engelmann, M. D.,Nielsen, M. B. (1997). Thymus size evaluated by sonography. A longitudinal study on infants during the first year of life Acta Radiol, 38(2), 222-7	Size of study groups, Outcome
985	Hassiotou, F.,Geddes, D. T. (2014). Programming of appetite control during breastfeeding as a preventative strategy against the obesity epidemic J Hum Lact, 30(2), 136-42	Study design
986	Hatano, S.,Aihara, K.,Nishi, Y.,Usui, T. (1985). Trace elements (copper, zinc, manganese, and selenium) in plasma and erythrocytes in relation to dietary intake during infancy J Pediatr Gastroenterol Nutr, 4(1), 87-92	Size of study groups
987	Hathcock, A.,Krause, K.,Viera, A. J.,Fuemmeler, B. F.,Lovelady, C.,Ostbye, T. (2014). Satiety responsiveness and the relationship between breastfeeding and weight status of toddlers of overweight and obese women Matern Child Health J, 18(4), 1023-30	Study design
988	Hattab, F. N.,Al-Omari, M. A.,Angmar-Mansson, B.,Daoud, N. (1999). The prevalence of nursing caries in one-to-four-year-old children in Jordan ASDC J Dent Child, 66(1), 53-8	Study design
989	Hauck, F. R.,Herman, S. M.,Donovan, M.,Iyasu, S.,Merrick Moore, C.,Donoghue, E.,Kirschner, R. H.,Willinger, M. (2003). Sleep environment and the risk of sudden infant death syndrome in an urban population: the Chicago Infant Mortality Study Pediatrics, 111(5 Pt 2), 1207-14	Outcome
990	Hawkes, J. S.,Gibson, R. A.,Roberton, D.,Makrides, M. (2006). Effect of dietary nucleotide supplementation on growth and immune function in term infants: a randomized controlled trial Eur J Clin Nutr, 60(2), 254-64	Outcome

	Full texts screened	Reason for exclusion
991	Hawkins, S. S.,Cole, T. J.,Law, C. (2009). An ecological systems approach to examining risk factors for early childhood overweight: findings from the UK Millennium Cohort Study J Epidemiol Community Health, 63(2), 147-55	Outcome
992	Hawley, N. L.,Johnson, W.,Nu'usolia, O.,McGarvey, S. T. (2014). The contribution of feeding mode to obesogenic growth trajectories in American Samoan infants Pediatr Obes, 9(1), e1-e13	Intervention/exposure
993	Hay, A. E.,Campbell, C. M. A. (2004). Volunteer counsellors for supporting breast feeding...Graffy J, Taylor J, Williams A et al Randomised controlled trial of support from volunteer counsellors for mothers considering breast feeding. BMJ 2004;328:26. (3 January) BMJ: British Medical Journal (International Edition), 328(7435), 349-349 1p	Study design
994	Hay, D. F.,Pawlby, S.,Sharp, D.,Asten, P.,Mills, A.,Kumar, R. (2001). Intellectual problems shown by 11-year-old children whose mothers had postnatal depression J Child Psychol Psychiatry, 42(7), 871-89	Outcome
995	Hay, G.,Clausen, T.,Whitelaw, A.,Trygg, K.,Johnston, C.,Henriksen, T.,Refsum, H. (2010). Maternal folate and cobalamin status predicts vitamin status in newborns and 6-month-old infants J Nutr, 140(3), 557-64	Intervention/exposure
996	Hay, G.,Johnston, C.,Whitelaw, A.,Trygg, K.,Refsum, H. (2008). Folate and cobalamin status in relation to breastfeeding and weaning in healthy infants Am J Clin Nutr, 88(1), 105-14	Study design, Intervention/exposure
997	Hayatbakhsh, M. R.,O'Callaghan M, J.,Bor, W.,Williams, G. M.,Najman, J. M. (2012). Association of breastfeeding and adolescents' psychopathology: A large prospective study Breastfeeding Medicine, 7(6), 480-486	Outcome
998	Hayes, K. C.,Pronczuk, A.,Wood, R. A.,Guy, D. G. (1992). Modulation of infant formula fat profile alters the low-density lipoprotein/high-density lipoprotein ratio and plasma fatty acid distribution relative to those with breast-feeding J Pediatr, 120(4 Pt 2), S109-16	Size of study groups
999	Hayosh, O.,Mandel, D.,Mimouni, F. B.,Lahat, S.,Marom, R.,Lubetzky, R. (2015). Prolonged duration of breastfeeding does not affect lipid profile in adulthood Breastfeed Med, 10(4), 218-21	Study design
1000	Hearst, Mary O.,Martin, Lauren,Rafdal, Brooke H.,Robinson, Ronel,McConnell, Scott R. (2013). Early childhood development and obesity risk-factors in a multi-ethnic, low-income community: Feasibility of the 'Five Hundred under Five' social determinants of health pilot study Health Education Journal, 72(2), 203-215 13p	Study design
1001	Heath, A. L.,Tuttle, C. R.,Simons, M. S.,Cleghorn, C. L.,Parnell, W. R. (2002). Longitudinal study of diet and iron deficiency anaemia in infants during the first two years of life Asia Pac J Clin Nutr, 11(4), 251-7	Size of study groups, Intervention/exposure
1002	Hedstrom, M. (1982). Breastfeeding and Amningshjalpen in Sweden J Trop Pediatr, 28(3), 113-5	Study design
1003	Hegde CV,Anand RK (1987). Bowel pattern and weight gain in breastfed infants Indian Pediatr, 24(#issue#), 859-64	Country
1004	Heikkila, K.,Kelly, Y.,Renfrew, M. J.,Sacker, A.,Quigley, M. A. (2014). Breastfeeding and educational achievement at age 5 Matern Child Nutr, 10(1), 92-101	Outcome
1005	Heikkilä, K.,Sacker, A.,Kelly, Y.,Renfrew, M. J.,Quigley, M. A. (2010). 012 Breast feeding and behavioural development in children: findings from the Millennium Cohort Study Journal of Epidemiology & Community Health, 64(#issue#), A5-A5 1p	Publication status
1006	Heikkila, K.,Sacker, A.,Kelly, Y.,Renfrew, M. J.,Quigley, M. A. (2011). Breast feeding and child behaviour in the Millennium Cohort Study Arch Dis Child, 96(7), 635-42	Outcome
1007	Heine, W.,Lapsien, C. (1982). Influence of early breast milk and formula feeding on body weight in children born in Rostock since 1945 Bibl Nutr Dieta, #volume#(31), 17-8	Study design, Intervention/exposure
1008	Heiner, D. C. (1984). Modern research relating to food allergy and its implications--introduction Clin Rev Allergy, 2(1), 1-5	Study design
1009	Heinig, J.,Ishii, K. (2004). Exclusive breastfeeding: isn't some breastfeeding good enough? J Hum Lact, 20(4), 423-4	Study design
1010	Heinig, M. J.,Nommsen, L. A.,Peerson, J. M.,Lonnerdal, B.,Dewey, K. G. (1993). Energy and protein intakes of breast-fed and formula-fed infants during the first year of life and their association with growth velocity: the DARLING Study Am J Clin Nutr, 58(2), 152-61	Intervention/exposure

	Full texts screened	Reason for exclusion
1011	Heinig, M. J.,Nommsen, L. A.,Peerson, J. M.,Lonnerdal, B.,Dewey, K. G. (1993). Intake and growth of breast-fed and formula-fed infants in relation to the timing of introduction of complementary foods: the DARLING study. Davis Area Research on Lactation, Infant Nutrition and Growth Acta Paediatr, 82(12), 999-1006	Intervention/exposure
1012	Heinonen, K.,Raikkonen, K.,Pesonen, A. K.,Andersson, S.,Kajantie, E.,Eriksson, J. G.,Wolke, D.,Lano, A. (2011). Longitudinal study of smoking cessation before pregnancy and children's cognitive abilities at 56 months of age Early Hum Dev, 87(5), 353-9	Participant health, Intervention/exposure
1013	Hemalatha, P.,Bhaskaram, P.,Kumar, P. A.,Khan, M. M.,Islam, M. A. (1997). Zinc status of breastfed and formula-fed infants of different gestational ages J Trop Pediatr, 43(1), 52-4	Country, Size of study group
1014	Henry, F. J.,Bartholomew, R. K. (1990). Epidemiology and transmission of rotavirus infections and diarrhoea in St. Lucia, West Indies West Indian Med J, 39(4), 205-12	Study design, Intervention/exposure
1015	Heppe, D. H. M.,Kiefte-De Jong, J. C.,Durmuş, B.,Moll, H. A.,Raat, H.,Hofman, A.,Jaddoe, V. W. V. (2013). Parental, fetal, and infant risk factors for preschool overweight: The Generation R Study Pediatric Research, 73(1), 120-127	Outcome
1016	Hepworth, S. J.,Law, G. R.,Lawlor, D. A.,McKinney, P. A. (2010). Early life patterns of common infection: a latent class analysis Eur J Epidemiol, 25(12), 875-83	Outcome
1017	Herba, C. M.,Roza, S.,Govaert, P.,Hofman, A.,Jaddoe, V.,Verhulst, F. C.,Tiemeier, H. (2013). Breastfeeding and early brain development: the Generation R study Matern Child Nutr, 9(3), 332-49	Outcome
1018	Heresi, G.,Pizarro, F.,Olivares, M.,Cayazzo, M.,Hertrampf, E.,Walter, T.,Murphy, J. R.,Stekel, A. (1995). Effect of supplementation with an iron-fortified milk on incidence of diarrhea and respiratory infection in urban-resident infants Scand J Infect Dis, 27(4), 385-9	Outcome
1019	Hernell, O. (1990). The requirements and utilization of dietary fatty acids in the newborn infant Acta Paediatr Scand Suppl, 365(#issue#), 20-7	Study design
1020	Hernell, O.,Lonnerdal, B. (2002). Iron status of infants fed low-iron formula: no effect of added bovine lactoferrin or nucleotides Am J Clin Nutr, 76(4), 858-64	Size of study groups, Intervention/exposure
1021	Hernell, O.,Lonnerdal, B. (2003). Nutritional evaluation of protein hydrolysate formulas in healthy term infants: plasma amino acids, hematology, and trace elements Am J Clin Nutr, 78(2), 296-301	Size of study groups
1022	Hertrampf, E.,Cayazzo, M.,Pizarro, F.,Stekel, A. (1986). Bioavailability of iron in soy-based formula and its effect on iron nutriture in infancy Pediatrics, 78(4), 640-5	Intervention/exposure
1023	Hesselmar, B.,Saalman, R.,Rudin, A.,Adlerberth, I.,Wold, A. E. (2010). Early fish introduction is associated with less eczema, but not sensitization, in infants Acta Paediatrica, International Journal of Paediatrics, 99(12), 1861-1867	Outcome
1024	Hetzner, N. M.,Razza, R. A.,Malone, L. M.,Brooks-Gunn, J. (2009). Associations among feeding behaviors during infancy and child illness at two years Matern Child Health J, 13(6), 795-805	Outcome
1025	Hide DW,Guyer BM (1983). Cows milk intolerance in Isle of Wight infants Br J Clin Pract, 37(#issue#), 285-7	Outcome, Size of study groups
1026	Hide, D. W. (1980). Aspects of nutrition: Isle of Wight infant feeding survey Health Visit, 53(2), 43	Study design
1027	Hide, D. W. (1991). The clinical expression of allergy in breast-fed infants Adv Exp Med Biol, 310(#issue#), 475-80	Study design
1028	Hide, D. W.,Guyer, B. M. (1981). Clinical manifestations of allergy related to breast and cows' milk feeding Arch Dis Child, 56(3), 172-5	Intervention/exposure
1029	Hide, D. W.,Guyer, B. M. (1985). Clinical manifestations of allergy related to breast- and cow's milk-feeding Pediatrics, 76(6), 973-5	Intervention/exposure
1030	Hide, D. W.,Matthews, S.,Matthews, L.,Stevens, M.,Ridout, S.,Twiselton, R.,Gant, C.,Arshad, S. H. (1994). Effect of allergen avoidance in infancy on allergic manifestations at age two years J Allergy Clin Immunol, 93(5), 842-6	Intervention/exposure
1031	Hide, D. W.,Matthews, S.,Tariq, S.,Arshad, S. H. (1996). Allergen avoidance in infancy and allergy at 4 years of age Allergy, 51(2), 89-93	Intervention/exposure

	Full texts screened	Reason for exclusion
1032	Higashi, A.,Ikeda, T.,Uehara, I.,Matsuda, I. (1982). Effect of low-content zinc and copper formula on infant nutrition Eur J Pediatr, 138(3), 237-40	Size of study groups
1033	Highet, A. R.,Berry, A. M.,Bettelheim, K. A.,Goldwater, P. N. (2014). Gut microbiome in sudden infant death syndrome (SIDS) differs from that in healthy comparison babies and offers an explanation for the risk factor of prone position Int J Med Microbiol, 304(5-6), 735-41	Intervention/exposure, Outcome
1034	Hijazi, S. S.,Abulaban, A.,Waterlow, J. C. (1989). The duration for which exclusive breast-feeding is adequate. A study in Jordan Acta Paediatr Scand, 78(1), 23-8	Intervention/exposure
1035	Hiley, C. M.,Morley, C. J. (1996). Risk factors for sudden infant death syndrome: further change in 1992-3 BMJ, 312(7043), 1397-8	Study design
1036	Hill, D. J.,Hosking, C. S. (1993). Preventing childhood allergy Med J Aust, 158(6), 367-9	Study design
1037	Hillemeier, M. M.,Landale, N. S.,Oropesa, R. S. (2015). Asthma in US Mexican-Origin Children in Early Childhood: Differences in Risk and Protective Factors by Parental Nativity Acad Pediatr, 15(4), 421-9	Outcome
1038	Hillman, L. S. (1988). Bone mineral content in term infants fed human milk, cow milk-based formula, or soy-based formula J Pediatr, 113(1 Pt 2), 208-12	Size of study groups
1039	Hillman, L. S.,Chow, W.,Salmons, S. S.,Weaver, E.,Erickson, M.,Hansen, J. (1988). Vitamin D metabolism, mineral homeostasis, and bone mineralization in term infants fed human milk, cow milk-based formula, or soy-based formula J Pediatr, 112(6), 864-74	Size of study groups
1040	Hirota, T.,Nara, M.,Ohguri, M.,Manago, E.,Hirota, K. (1992). Effect of diet and lifestyle on bone mass in Asian young women Am J Clin Nutr, 55(6), 1168-73	Study design
1041	Hitchcock, N. E.,Coy, J. F. (1989). The growth of healthy Australian infants in relation to infant feeding and social group Med J Aust, 150(6), 306-8, 310-1	Outcome
1042	Hitchcock, N. E.,Gracey, M.,Gilmour, A. I. (1985). The growth of breast fed and artificially fed infants from birth to twelve months Acta Paediatr Scand, 74(2), 240-5	Outcome
1043	Hitchcock, N. E.,Gracey, M.,Owles, E. N. (1981). Growth of healthy breast-fed infants in the first six months Lancet, 2(8237), 64-5	Study design, Intervention/exposure
1044	Hitchcock, N. E.,McGuiness, D.,Gracey, M. (1982). Growth and feeding practices of Western Australian infants Med J Aust, 1(9), 372-6	Outcome
1045	Hitchcock, N. E.,Owles, E. N.,Gracey, M. (1981). Breast feeding and growth of healthy infants Med J Aust, 2(10), 536-7	Study design
1046	Hlavaty, T.,Toth, J.,Koller, T.,Krajcovicova, A.,Oravcova, S.,Zelinkova, Z.,Huorka, M. (2013). Smoking, breastfeeding, physical inactivity, contact with animals, and size of the family influence the risk of inflammatory bowel disease: A Slovak case–control study United European Gastroenterology Journal, 1(2), 109-119	Outcome
1047	Hoffhines, H.,Whaley, K. D.,Blackett, P. R.,Palumbo, K.,Campbell-Sternloff, D.,Glore, S.,Lee, E. T. (2014). Early childhood nutrition in an American Indian community: educational strategy for obesity prevention J Okla State Med Assoc, 107(2), 55-9	Outcome
1048	Hoffman, D. R.,Birch, E. E.,Birch, D. G.,Uauy, R.,Castaneda, Y. S.,Lapus, M. G.,Wheaton, D. H. (2000). Impact of early dietary intake and blood lipid composition of long-chain polyunsaturated fatty acids on later visual development J Pediatr Gastroenterol Nutr, 31(5), 540-53	Intervention/exposure
1049	Hoffman, D. R.,Birch, E. E.,Castaneda, Y. S.,Fawcett, S. L.,Birch, D. G.,Uauy, R. (2001). Dietary docosahexaenoic acid (DHA) and visual maturation in the post-weaning term infant Iovs, 42(#issue#), ARVO Abstract 656	Publication status
1050	Hoffman, D. R.,Birch, E. E.,Castaneda, Y. S.,Fawcett, S. L.,Wheaton, D. H.,Birch, D. G.,Uauy, R. (2003). Visual function in breast-fed term infants weaned to formula with or without long-chain polyunsaturates at 4 to 6 months: a randomized clinical trial J Pediatr, 142(6), 669-77	Outcome

	Full texts screened	Reason for exclusion
1051	Hoffman, D. R.,Wheaton, D. K.,James, K. J.,Tuazon, M.,Diersen-Schade, D. A.,Harris, C. L.,Stolz, S.,Berseth, C. L. (2006). Docosahexaenoic acid in red blood cells of term infants receiving two levels of long-chain polyunsaturated fatty acids J Pediatr Gastroenterol Nutr, 42(3), 287-92	Intervention/exposure
1052	Hoffman, D.,Birch, E.,Birch, D.,Uauy, R.,Castaneda, Y.,Wheaton, D. (1996). Red blood cell (rbc) fatty acid profiles in term infants fed formulas enriched with long-chain polyunsaturates (lcp) Iovs, 37(#issue#), ARVO Abstract 3693	Study design, Intervention/exposure
1053	Hoffmans, M. D.,Obermann-de Boer, G. L.,Florack, E. I.,van Kampen-Donker, M.,Kromhout, D. (1988). Determinants of growth during early infancy Hum Biol, 60(2), 237-49	Outcome
1054	Hofvander Y,Hillervik C (1995). Breast-feeding in Swedish hospitals World Health Forum, 16(#issue#), 95-9	Study design, Outcome
1055	Hogendorf, A.,Stanczyk-Przyluska, A.,Sieniwicz-Luzenczyk, K.,Wiszniewska, M.,Arendarczyk, J.,Banasik, M.,Fendler, W.,Kowalski, M.,Zeman, K. (2013). Is there any association between secretory IgA and lactoferrin concentration in mature human milk and food allergy in breastfed children Med Wieku Rozwoj, 17(1), 47-52	Intervention/exposure
1056	Hokama, T. (1993). A study of the hemoglobin levels in breast-fed infants in one village of Okinawa prefecture Acta Paediatr Jpn, 35(2), 138-40	Size of study groups
1057	Hokama, T. (1993). Levels of serum ferritin and total body iron among infants with different feeding regimens Acta Paediatr Jpn, 35(4), 298-301	Study design, Size of study groups
1058	Hokama, T.,Sakamoto, R.,Yara, A.,Asato, Y.,Takamine, F.,Itokazu, K. (1999). Incidence of Haemophilus influenzae in the throats of healthy infants with different feeding methods Pediatr Int, 41(3), 277-80	Study design
1059	Holberg, C. J.,Wright, A. L.,Martinez, F. D.,Ray, C. G.,Taussig, L. M.,Lebowitz, M. D. (1991). Risk factors for respiratory syncytial virus-associated lower respiratory illnesses in the first year of life Am J Epidemiol, 133(11), 1135-51	Intervention/exposure
1060	Holland, B. (1987). Breast-feeding, social variables, and infant mortality: a hazards model analysis of the case of Malaysia Soc Biol, 34(1-2), 78-93	Study design
1061	Holland, B. (1987). The validity of retrospective breast-feeding-duration data: an illustrative analysis of data quality in the Malaysian Family Life Survey Hum Biol, 59(3), 477-87	Study design
1062	Hollen, L. I.,Din, Zu,Jones, L. R.,Emond, A. M.,Emmett, P. (2014). Are diet and feeding behaviours associated with the onset of and recovery from slow weight gain in early infancy? Br J Nutr, 111(9), 1696-704	Intervention/exposure
1063	Hollis, B. W.,Wagner, C. L.,Howard, C. R.,Ebeling, M.,Shary, J. R.,Smith, P. G.,Taylor, S. N.,Morella, K.,Lawrence, R. A.,Hulsey, T. C. (2015). Maternal Versus Infant Vitamin D Supplementation During Lactation: A Randomized Controlled Trial Pediatrics, 136(4), 625-34	Intervention/exposure
1064	Holm, A. K.,Andersson, R. (1982). Enamel mineralization disturbances in 12-year-old children with known early exposure to fluorides Community Dent Oral Epidemiol, 10(6), 335-9	Intervention/exposure, Outcome
1065	Holman, D. J.,Yamaguchi, K. (2005). Longitudinal analysis of deciduous tooth emergence: IV. Covariate effects in Japanese children Am J Phys Anthropol, 126(3), 352-8	Intervention/exposure
1066	Holme, A.,MacArthur, C.,Lancashire, R. (2010). The effects of breastfeeding on cognitive and neurological development of children at 9 years Child Care Health Dev, 36(4), 583-90	Study design
1067	Holmes, G. E.,Hassanein, K. M.,Miller, H. C. (1983). Factors associated with infections among breast-fed babies and babies fed proprietary milks Pediatrics, 72(3), 300-6	Intervention/exposure
1068	Holmes, V. A.,Cardwell, C.,McKinley, M. C.,Young, I. S.,Murray, L. J.,Boreham, C. A.,Woodside, J. V. (2010). Association between breast-feeding and anthropometry and CVD risk factor status in adolescence and young adulthood: the Young Hearts Project, Northern Ireland Public Health Nutr, 13(6), 771-8	Intervention/exposure

	Full texts screened	Reason for exclusion
1069	Holscher, H. D.,Czerkies, L. A.,Cekola, P.,Litov, R.,Benbow, M.,Santema, S.,Alexander, D. D.,Perez, V.,Sun, S.,Saavedra, J. M.,Tappenden, K. A. (2012). Bifidobacterium lactis Bb12 enhances intestinal antibody response in formula-fed infants: a randomized, double-blind, controlled trial JPEN J Parenter Enteral Nutr, 36(1 Suppl), 106S-17S	Intervention/exposure, Outcome
1070	Holt, R. D.,Joels, D.,Winter, G. B. (1982). Caries in pre-school children. The Camden study Br Dent J, 153(3), 107-9	Study design
1071	Holt, R. D.,Winter, G. B.,Downer, M. C.,Bellis, W. J.,Hay, I. S. (1996). Caries in pre-school children in Camden 1993/94 Br Dent J, 181(11-12), 405-10	Study design
1072	Hon, K. L. E.,Leung, T. F.,Kam, W. Y. C.,Lam, M. C. A.,Fok, T. F.,Ng, P. C. (2006). Dietary restriction and supplementation in children with atopic eczema Clinical and Experimental Dermatology, 31(2), 187-191	Study design
1073	Hong, L.,Levy, S. M.,Warren, J. J.,Broffitt, B. (2014). Infant breast-feeding and childhood caries: a nine-year study Pediatr Dent, 36(4), 342-7	Outcome
1074	Hong, X.,Wang, G.,Liu, X.,Kumar, R.,Tsai, H. J.,Arguelles, L.,Hao, K.,Pearson, C.,Ortiz, K.,Bonzagni, A.,Apollon, S.,Fu, L.,Caruso, D.,Pongracic, J. A.,Schleimer, R.,Holt, P. G.,Bauchner, H.,Wang, X. (2011). Gene polymorphisms, breast-feeding, and development of food sensitization in early childhood J Allergy Clin Immunol, 128(2), 374-81 e2	Outcome
1075	Hong, Z. Y.,Zhang, Y. W.,Xu, J. D.,Zhou, J. D.,Gao, X. L.,Liu, X. G.,Shi, Y. Y. (1992). Growth promoting effect of zinc supplementation in infants of high-risk pregnancies Chin Med J (Engl), 105(10), 844-8	Size of study groups
1076	Honorio, R. F.,Costa Monteiro Hadler, M. C. (2014). Factors associated with obesity in brazilian children enrolled in the school health program: a case-control study Nutr Hosp, 30(3), 526-34	Study design
1077	Hopkins, D.,Emmett, P.,Steer, C.,Rogers, I.,Noble, S.,Emond, A. (2007). Infant feeding in the second 6 months of life related to iron status: an observational study Arch Dis Child, 92(10), 850-4	Intervention/exposure
1078	Hopkins, D.,Steer, C. D.,Northstone, K.,Emmett, P. M. (2015). Effects on childhood body habitus of feeding large volumes of cow or formula milk compared with breastfeeding in the latter part of infancy Am J Clin Nutr, 102(5), 1096-103	Intervention/exposure
1079	Hopkinson, J. (2003). Is it possible for a breastfed baby to be overweight? J Hum Lact, 19(2), 189-90	Study design
1080	Hoppu, U.,Isolauri, E.,Koskinen, P.,Laitinen, K. (2013). Diet and blood lipids in 1-4 year-old children Nutr Metab Cardiovasc Dis, 23(10), 980-6	Outcome
1081	Hoppu, U.,Kalliomaki, M.,Isolauri, E. (2002). Cow's milk allergy--a matter of fat Allergy, 57(1), 61-2	Study design, Intervention/exposure
1082	Horby Jorgensen, M.,Holmer, G.,Lund, P.,Hernell, O.,Michaelsen, K. F. (1998). Effect of formula supplemented with docosahexaenoic acid and gamma-linolenic acid on fatty acid status and visual acuity in term infants J Pediatr Gastroenterol Nutr, 26(4), 412-21	Size of study groups, Intervention/exposure
1083	Horst, C. H.,Obermann-de Boer, G. L.,Kromhout, D. (1987). Type of milk feeding and nutrient intake during infancy. The Leiden Pre-School Children Study Acta Paediatr Scand, 76(6), 865-71	Study design, Outcome
1084	Horta, B. L.,Bas, A.,Bhargava, S. K.,Fall, C. H.,Feranil, A.,de Kadt, J.,Martorell, R.,Richter, L. M.,Stein, A. D.,Victora, C. G. (2013). Infant feeding and school attainment in five cohorts from low- and middle-income countries PLoS One, 8(8), e71548	Outcome
1085	Horta, B. L.,Victora, C. G.,Lima, R. C.,Goncalves, H.,Guimaraes, B. E.,Barros, F. C. (2006). Breastfeeding duration and blood pressure among Brazilian adolescents Acta Paediatr, 95(3), 325-31	Outcome
1086	Horton, C. (2012). An overview of the NUTRIMENTHE project Nutrition Bulletin, 37(2), 152-156 5p	Study design
1087	Horwood, L. J.,Fergusson, D. M. (1998). Breastfeeding and later cognitive and academic outcomes Pediatrics, 101(1), E9	Outcome
1088	Horwood, L. J.,Fergusson, D. M.,Shannon, F. T. (1985). Social and familial factors in the development of early childhood asthma Pediatrics, 75(5), 859-68	Size of study groups, Intervention/exposure

	Full texts screened	Reason for exclusion
1089	Hosaka, M.,Asayama, K.,Staessen, J. A.,Ohkubo, T.,Hayashi, K.,Tatsuta, N.,Kurokawa, N.,Satoh, M.,Hashimoto, T.,Hirose, T.,Obara, T.,Metoki, H.,Inoue, R.,Kikuya, M.,Nakai, K.,Imai, Y.,Satoh, H. (2013). Breastfeeding leads to lower blood pressure in 7-year-old Japanese children: Tohoku Study of Child Development Hypertens Res, 36(2), 117-22	Outcome
1090	Hosseini, S. M.,Maracy, M. R.,Sarrafzade, S.,Kelishadi, R. (2014). Child weight growth trajectory and its determinants in a sample of Iranian children from birth until 2 years of age International Journal of Preventive Medicine, 5(3), 348-355	Intervention/exposure
1091	Host, A. (1991). Importance of the first meal on the development of cow's milk allergy and intolerance Allergy Proc, 12(4), 227-32	Outcome
1092	Host, A.,Husby, S.,Osterballe, O. (1988). A prospective study of cow's milk allergy in exclusively breast-fed infants. Incidence, pathogenetic role of early inadvertent exposure to cow's milk formula, and characterization of bovine milk protein in human milk Acta Paediatr Scand, 77(5), 663-70	Study design, Intervention/exposure
1093	Houston M,Howie P,McNeilly A (1983). Nursing Mirror Midwifery Forum 4. Infant feeding Nurs Mirror, 156(#issue#), i-iv	Study design
1094	Hovland, V.,Riiser, A.,Mowinckel, P.,Carlsen, K. H.,Lodrup Carlsen, K. C. (2015). Early risk factors for pubertal asthma Clin Exp Allergy, 45(1), 164-76	Outcome
1095	Howe, L. D.,Ellison-Loschmann, L.,Pearce, N.,Douwes, J.,Jeffreys, M.,Firestone, R. (2015). Ethnic differences in risk factors for obesity in New Zealand infants J Epidemiol Community Health, 69(6), 516-22	Intervention/exposure, Outcome
1096	Howie, P. W.,Forsyth, J. S.,Ogston, S. A.,Clark, A.,Du Florey, V. C. (1990). Protective effect of breat feeding against infection British Medical Journal, 300(6716), 11-16	Outcome
1097	Howie, P. W.,Forsyth, J. S.,Ogston, S. A.,Clark, A.,Florey, C. (1990). Protective effect of breastfeeding against infection... this article originally appeared in the British Medical Journal, V. 300. Reproduced with permission Breastfeeding Review, 2(1), 7-15 9p	Outcome
1098	Howie, P. W.,Forsyth, J. S.,Ogston, S. A.,Clark, A.,Florey, C. D. (1990). Protective effect of breast feeding against infection BMJ, 300(6716), 11-6	Outcome
1099	Hoyle, B.,Yunus, M.,Chen, L. C. (1980). Breast-feeding and food intake among children with acute diarrheal disease The American journal of clinical nutrition, 33(11), 2365-2371	Country, Study design
1100	Hromadova, M.,Kostalova, L.,Leskova, L.,Kapellerova, A. (1997). Relationship between the duration of the breast-feeding period and the lipoprotein profile of children at the age of 13 years Physiol Res, 46(1), 21-5	Size of study groups
1101	Huang, D. Y.,Lanza, H. I.,Anglin, M. D. (2014). Trajectory of Adolescent Obesity: Exploring the Impact of Prenatal to Childhood Experiences J Child Fam Stud, 23(6), 1090-1101	Outcome
1102	Huang, J.,Peters, K. E.,Vaughn, M. G.,Witko, C. (2014). Breastfeeding and trajectories of children's cognitive development Dev Sci, 17(3), 452-61	Outcome
1103	Huang, J.,Vaughn, M. G.,Kremer, K. P. (2015). Breastfeeding and child development outcomes: an investigation of the nurturing hypothesis Matern Child Nutr, #volume#(#issue#), #Pages#	Outcome
1104	Huang, R. C.,Burke, V.,Newnham, J. P.,Stanley, F. J.,Kendall, G. E.,Landau, L. I.,Oddy, W. H.,Blake, K. V.,Palmer, L. J.,Beilin, L. J. (2007). Perinatal and childhood origins of cardiovascular disease Int J Obes (Lond), 31(2), 236-44	Outcome
1105	Huang, R. C.,Mori, T. A.,Beilin, L. J. (2012). Early life programming of cardiometabolic disease in the Western Australian pregnancy cohort (Raine) study Clinical and Experimental Pharmacology and Physiology, 39(11), 973-978	Study design
1106	Huffman, S. L.,Dewey, K. G.,Schofield, D. (2010). Moving ahead with maternal, infant, and young child nutrition: need to integrate actions Food Nutr Bull, 31(2 Suppl), S99	Study design
1107	Huffman, S. L.,Lopez de Romana, G.,Madrid, S.,Brown, K. H.,Bentley, M.,Black, R. E. (1991). Do child feeding practices change due to diarrhoea in the Central Peruvian Highlands? J Diarrhoeal Dis Res, 9(4), 295-300	Study design, Outcome
1108	Huh, S. Y.,Rifas-Shiman, S. L.,Taveras, E. M.,Oken, E.,Gillman, M. W. (2011). Timing of solid food introduction and risk of obesity in preschool-aged children Pediatrics, 127(3), e544-51	Intervention/exposure

	Full texts screened	Reason for exclusion
1109	Hummel, M.,Fuchtenbusch, M.,Schenker, M.,Ziegler, A. G. (2000). No major association of breast-feeding, vaccinations, and childhood viral diseases with early islet autoimmunity in the German BABYDIAB Study Diabetes Care, 23(7), 969-74	Outcome
1110	Hummel, S.,Pfluger, M.,Kreichauf, S.,Hummel, M.,Ziegler, A. G. (2009). Predictors of overweight during childhood in offspring of parents with type 1 diabetes Diabetes Care, 32(5), 921-5	Outcome
1111	Hundt, G. A.,Forman, M. R. (1993). Interfacing anthropology and epidemiology: the Bedouin Arab Infant Feeding Study Soc Sci Med, 36(7), 957-64	Study design, Outcome
1112	Hure, A. J.,Collins, C. E.,Smith, R. (2012). A longitudinal study of maternal folate and vitamin B12 status in pregnancy and postpartum, with the same infant markers at 6 months of age Matern Child Health J, 16(4), 792-801	Size of study groups
1113	Hurtado, J. A.,Iznaola, C.,Pena, M.,Ruiz, J.,Pena-Quintana, L.,Kajarabille, N.,Rodriguez-Santana, Y.,Sanjurjo, P.,Aldamiz-Echevarria, L.,Ochoa, J.,Lara-Villoslada, F. (2015). Effects of Maternal Omega-3 Supplementation on Fatty Acids and on Visual and Cognitive Development J Pediatr Gastroenterol Nutr, 61(4), 472-80	Intervention/exposure
1114	Husk, J. S.,Keim, S. A. (2015). Breastfeeding and Autism Spectrum Disorder in the National Survey of Children's Health Epidemiology, 26(4), 451-457	Study design
1115	Hutchison, B. L.,Thompson, J. M.,Mitchell, E. A. (2015). Infant care practices related to sudden unexpected death in infancy: a 2013 survey N Z Med J, 128(1408), 15-22	Study design, Outcome
1116	Huttunen, J. K.,Saarinen, U. M.,Kostiainen, E.,Siimes, M. A. (1983). Fat composition of the infant diet does not influence subsequent serum lipid levels in man Atherosclerosis, 46(1), 87-94	Intervention/exposure
1117	Huurre, A.,Laitinen, K.,Rautava, S.,Korkeamaki, M.,Isolauri, E. (2008). Impact of maternal atopy and probiotic supplementation during pregnancy on infant sensitization: a double-blind placebo-controlled study Clin Exp Allergy, 38(8), 1342-8	Outcome
1118	Huus, K.,Ludvigsson, J. F.,Enskar, K.,Ludvigsson, J. (2008). Exclusive breastfeeding of Swedish children and its possible influence on the development of obesity: a prospective cohort study BMC Pediatr, 8(#issue#), 42	Outcome
1119	Huybrechts, I.,De Vriendt, T.,Breidenassel, C.,Rogiers, J.,Vanaelst, B.,Cuenca-Garcia, M.,Moreno, L. A.,Gonzalez-Gross, M.,Roccaldo, R.,Kafatos, A.,Clays, E.,Bueno, G.,Beghin, L.,Sjostrom, M.,Manios, Y.,Molnar, D.,Pisa, P. T.,De Henauw, S. (2014). Mechanisms of stress, energy homeostasis and insulin resistance in European adolescents--the HELENA study Nutr Metab Cardiovasc Dis, 24(10), 1082-9	Study design
1120	Hwang, J. B.,Lee, S. H.,Kang, Y. N.,Kim, S. P.,Suh, S. I.,Kam, S. (2007). Indexes of suspicion of typical cow's milk protein-induced enterocolitis J Korean Med Sci, 22(6), 993-7	Participant health, Intervention/exposure
1121	Hyland, F. (1988). Breastfeeding: for those who won't Community Outlook, #volume#(#issue#), 11-2	Study design
1122	Hysing, M.,Harvey, A. G.,Torgersen, L.,Ystrom, E.,Reichborn-Kjennerud, T.,Sivertsen, B. (2014). Trajectories and predictors of nocturnal awakenings and sleep duration in infants J Dev Behav Pediatr, 35(5), 309-16	Outcome
1123	Iacono, G.,Merolla, R.,D'Amico, D.,Bonci, E.,Cavataio, F.,Di Prima, L.,Scalici, C.,Indinnimeo, L.,Averna, M. R.,Carroccio, A. (2005). Gastrointestinal symptoms in infancy: a population-based prospective study Dig Liver Dis, 37(6), 432-8	Intervention/exposure, Outcome
1124	Iannotti, L. L.,Zavaleta, N.,León, Z.,Caulfield, E. L. (2009). Growth and body composition of Peruvian infants in a peri urban setting Food and Nutrition Bulletin, 30(3), 245-253	Intervention/exposure
1125	Imai, C. M.,Gunnarsdottir, I.,Thorisdottir, B.,Halldorsson, T. I.,Thorsdottir, I. (2014). Associations between infant feeding practice prior to six months and body mass index at six years of age Nutrients, 6(4), 1608-17	Intervention/exposure, Size of study groups
1126	Inamo, Y.,Hasegawa, M.,Saito, K.,Hayashi, R.,Ishikawa, T.,Yoshino, Y.,Hashimoto, K.,Fuchigami, T. (2011). Serum vitamin D concentrations and associated severity of acute lower respiratory tract infections in Japanese hospitalized children Pediatr Int, 53(2), 199-201	Study design, Size of study groups

	Full texts screened	Reason for exclusion
1127	Inanç, B. B.,Şahin, D. S.,Oğuzüncül, A. F.,Bindak, R.,Mungan, F. (2012). Prevalence of obesity in elementary schools in mardin, south-eastern of turkey: A preliminary study Balkan Medical Journal, 29(4), 424-430	Study design
1128	Infante-Rivard, C. (1993). Childhood asthma and indoor environmental risk factors Am J Epidemiol, 137(8), 834-44	Outcome
1129	Infante-Rivard, C.,Amre, D.,Gautrin, D.,Malo, J. L. (2001). Family size, day-care attendance, and breastfeeding in relation to the incidence of childhood asthma Am J Epidemiol, 153(7), 653-8	Outcome
1130	Infante-Rivard, C.,Fortier, I.,Olson, E. (2000). Markers of infection, breast-feeding and childhood acute lymphoblastic leukaemia Br J Cancer, 83(11), 1559-64	Outcome
1131	Innis, S. M. (1992). Human milk and formula fatty acids J Pediatr, 120(4 Pt 2), S56-61	Study design
1132	Innis, S. M.,Auestad, N.,Siegman, J. S. (1996). Blood lipid docosahexaenoic and arachidonic acid in term gestation infants fed formulas with high docosahexaenoic acid, low eicosapentaenoic acid fish oil Lipids, 31(6), 617-25	Size of study groups
1133	Innis, S. M.,Diersen-Schade, D. A.,Akrabawi, S. S. (1995). Prospective evaluation of preferential looking acuity in healthy term infants fed infant formula or breast fed Pediatric research, 37(4), 308a	Publication status
1134	Innis, S. M.,Friesen, R. W. (2007). Maternal DHA supplementation in pregnancy: a double blind randomized prospective trial of maternal N-3 fatty acid status, human milk fatty acids and infant development Pediatric Academic Societies Annual Meeting; 2007 May 5-8; Toronto, Canada, #volume#(#issue#), #Pages#	Publication status
1135	Innis, S. M.,Nelson, C. M.,Lwanga, D.,Rioux, F. M.,Waslen, P. (1996). Feeding formula without arachidonic acid and docosahexaenoic acid has no effect on preferential looking acuity or recognition memory in healthy full-term infants at 9 mo of age Am J Clin Nutr, 64(1), 40-6	Study design, Intervention/exposure
1136	Innis, S. M.,Nelson, C. M.,Rioux, M. F.,King, D. J. (1994). Development of visual acuity in relation to plasma and erythrocyte omega-6 and omega-3 fatty acids in healthy term gestation infants Am J Clin Nutr, 60(3), 347-52	Intervention/exposure
1137	Inostroza, J.,Haschke, F.,Steenhout, P.,Grathwohl, D.,Nelson, S. E.,Ziegler, E. E. (2014). Low-protein formula slows weight gain in infants of overweight mothers J Pediatr Gastroenterol Nutr, 59(1), 70-7	Intervention/exposure
1138	Iron-Segev, S.,Peterson, K. E.,Gillman, M. W.,Williams, C. M.,Austin, S. B.,Field, A. E. (2013). Associations of breastfeeding with bulimic behaviors and eating disorders among adolescents Int J Eat Disord, 46(8), 834-40	Outcome
1139	Isaacs, C. E.,Jia, J. H. (2004). The anti-infective activity of human milk is potentially greater than the sum of its microbicidal components Adv Exp Med Biol, 554(#issue#), 439-41	Study design, Outcome
1140	Isaacs, E. B.,Fischl, B. R.,Quinn, B. T.,Chong, W. K.,Gadian, D. G.,Lucas, A. (2010). Impact of breast milk on intelligence quotient, brain size, and white matter development Pediatr Res, 67(4), 357-62	Participant health
1141	Islam, M. A.,Rahman, M. M.,Mahalanabis, D. (1994). Maternal and socioeconomic factors and the risk of severe malnutrition in a child: a case-control study Eur J Clin Nutr, 48(6), 416-24	Country
1142	Islam, M. A.,Rahman, M. M.,Mahalanabis, D.,Rahman, A. K. (1996). Death in a diarrhoeal cohort of infants and young children soon after discharge from hospital: risk factors and causes by verbal autopsy J Trop Pediatr, 42(6), 342-7	Country
1143	Isolauri, E. (2005). Nutrition, allergy, mucosal immunology and intestinal microbiota: the effects of maternal nutrition during pregnancy and breast feeding on the risk of allergic disease ClinicalTrials.gov [http://clinicaltrials.gov], #volume#(#issue#), #Pages#	Publication status
1144	Ito, J.,Fujiwara, T. (2014). Breastfeeding and risk of atopic dermatitis up to the age 42 months: a birth cohort study in Japan Ann Epidemiol, 24(4), 267-72	Intervention/exposure
1145	Ivakhnenko, O. S.,Nyankovskyy, S. L. (2013). Effect of the specific infant formula mixture of oligosaccharides on local immunity and development of allergic and infectious disease in young children: Randomized study Pediatria Polska, 88(5), 398-404	Outcome
1146	Ivanovic, D.,Ivanovic, R.,Buitron, C. (1987). Nutritional status, birth weight and breast feeding of elementary first grade Chilean students Nutrition Reports International, 36(6), 1347-1361	Study design

	Full texts screened	Reason for exclusion
1147	Ivarsson, A.,Hernell, O.,Stenlund, H.,Persson, L. A. (2002). Breast-feeding protects against celiac disease Am J Clin Nutr, 75(5), 914-21	Outcome
1148	Ivarsson, A.,Persson, L. A.,Nystrom, L.,Ascher, H.,Cavell, B.,Danielsson, L.,Dannaeus, A.,Lindberg, T.,Lindquist, B.,Stenhammar, L.,Hernell, O. (2000). Epidemic of coeliac disease in Swedish children Acta Paediatr, 89(2), 165-71	Study design, Intervention/exposure
1149	Izadi, V.,Kelishadi, R.,Qorbani, M.,Esmaeilmotlagh, M.,Taslimi, M.,Heshmat, R.,Ardalan, G.,Azadbakht, L. (2013). Duration of breast-feeding and cardiovascular risk factors among Iranian children and adolescents: the CASPIAN III study Nutrition, 29(5), 744-51	Study design
1150	J. M, Hamid Jan,Mitra, Amal K.,H, Hasmiza,C. D, Pim,L. O, Ng,W. M, Wan Manan (2011). Effect of Gender and Nutritional Status on Academic Achievement and Cognitive Function among Primary School Children in a Rural District in Malaysia Malaysian Journal of Nutrition, 17(2), 189-200 12p	Study design
1151	Jackson, D. B.,Beaver, K. M. (2015). The Association Between Breastfeeding Exposure and Duration, Neuropsychological Deficits, and Psychopathic Personality Traits in Offspring: The Moderating Role of 5HTTLPR Psychiatr Q, #volume#(#issue#), #Pages#	Outcome
1152	Jackson, J. M.,Mourino, A. P. (1999). Pacifier use and otitis media in infants twelve months of age or younger Pediatr Dent, 21(4), 255-60	Study design
1153	Jacobson, J. L.,Jacobson, S. W. (2002). Association of prenatal exposure to an environmental contaminant with intellectual function in childhood J Toxicol Clin Toxicol, 40(4), 467-75	Size of study groups
1154	Jacobson, J. L.,Jacobson, S. W.,Muckle, G.,Kaplan-Estrin, M.,Ayotte, P.,Dewailly, E. (2008). Beneficial effects of a polyunsaturated fatty acid on infant development: evidence from the inuit of arctic Quebec J Pediatr, 152(3), 356-64	Intervention/exposure
1155	Jacobson, S. W.,Chiodo, L. M.,Jacobson, J. L. (1999). Breastfeeding effects on intelligence quotient in 4- and 11-year-old children Pediatrics, 103(5), e71	Outcome
1156	Jacoby, P.,Carville, K. S.,Hall, G.,Riley, T. V.,Bowman, J.,Leach, A. J.,Lehmann, D. (2011). Crowding and other strong predictors of upper respiratory tract carriage of otitis media-related bacteria in Australian Aboriginal and non-Aboriginal children Pediatr Infect Dis J, 30(6), 480-5	Outcome
1157	Jaganath, D.,Saito, M.,Gilman, R. H.,Queiroz, D. M.,Rocha, G. A.,Cama, V.,Cabrera, L.,Kelleher, D.,Windle, H. J.,Crabtree, J. E.,Checkley, W. (2014). First detected Helicobacter pylori infection in infancy modifies the association between diarrheal disease and childhood growth in Peru Helicobacter, 19(4), 272-9	Intervention/exposure, Outcome
1158	Jain, L. (2014). Our babies are what we feed them Clin Perinatol, 41(2), xv-xvii	Study design
1159	Jain, M. K.,Vora, J. N.,Kale, V. V.,Iyyer, L.,Irani, S. F. (1984). A study of non-epidemic diarrhea in the newborns Indian Pediatr, 21(1), 56-60	Country
1160	Jain, R.,Acharya, A. S. (2010). Supplemental folic acid in pregnancy and childhood asthma Natl Med J India, 23(6), 351-2	Study design
1161	Jakobsen, C.,Paerregaard, A.,Munkholm, P.,Wewer, V. (2013). Environmental factors and risk of developing paediatric inflammatory bowel disease -- a population based study 2007-2009 J Crohns Colitis, 7(1), 79-88	Outcome
1162	Jalevik, B.,Noren, J. G.,Klingberg, G.,Barregard, L. (2001). Etiologic factors influencing the prevalence of demarcated opacities in permanent first molars in a group of Swedish children Eur J Oral Sci, 109(4), 230-4	Study design
1163	James, J.,Evans, J.,Male, P.,Pallister, C.,Hendrikz, J. K.,Oakhill, A. (1988). Iron deficiency in inner city pre-school children: development of a general practice screening programme J R Coll Gen Pract, 38(311), 250-2	Study design
1164	James, M. (1986). Child's nutritional needs: nature's wonderful formula Nurs J India, 77(7), 180-1, 196	Study design
1165	Jamieson EC,Abbasi KA,Cockburn F,Farquharson J,Logan RW,Patrick WA (1994). Effect of diet on term infant cerebral cortex fatty acid composition World Rev Nutr Diet, 75(#issue#), 139-41	Participant health, Size of study groups

	Full texts screened	Reason for exclusion
1166	Janevic, T.,Petrovic, O.,Bjelic, I.,Kubera, A. (2010). Risk factors for childhood malnutrition in Roma settlements in Serbia BMC Public Health, 10(#issue#), 509	Study design
1167	Janowitz, B.,Nichols, D. J. (1983). Child survivorship and pregnancy spacing in Iran J Biosoc Sci, 15(1), 35-46	Outcome
1168	Jansen, A. A. (1982). Malnutrition and child feeding practices in the Kingdom of Tonga J Trop Pediatr, 28(4), 202-8	Study design
1169	Jansen, H.,Huiting, H. G.,Scholtens, S.,Sauer, P. J.,Stolk, R. P. (2011). HbA1c in nondiabetic Dutch infants aged 8-12 months: the GECKO-Drenthe birth cohort study Diabetes Care, 34(2), 403-5	Study design
1170	Jansen, M. A.,Tromp,, II,Kiefte-de Jong, J. C.,Jaddoe, V. W.,Hofman, A.,Escher, J. C.,Hooijkaas, H.,Moll, H. A. (2014). Infant feeding and anti-tissue transglutaminase antibody concentrations in the Generation R Study Am J Clin Nutr, 100(4), 1095-101	Outcome
1171	Jarvisalo, M. J.,Hutri-Kahonen, N.,Juonala, M.,Mikkila, V.,Rasanen, L.,Lehtimaki, T.,Viikari, J.,Raitakari, O. T. (2009). Breast feeding in infancy and arterial endothelial function later in life. The Cardiovascular Risk in Young Finns Study Eur J Clin Nutr, 63(5), 640-5	Intervention/exposure
1172	Javed, A.,Yoo, K. H.,Agarwal, K.,Jacobson, R. M.,Li, X.,Juhn, Y. J. (2013). Characteristics of children with asthma who achieved remission of asthma J Asthma, 50(5), 472-9	Participant health
1173	Jazar, A. S.,Takruri, H. R.,Khuri-Bulos, N. A. (2011). Vitamin D status in a sample of preschool children aged from 1 to 6 years visiting the pediatrics clinic at Jordan University Hospital Jordan Medical Journal, 45(4), 308-316	Study design
1174	Jedrychowski, W.,Maugeri, U.,Perera, F.,Stigter, L.,Jankowski, J.,Butscher, M.,Mroz, E.,Flak, E.,Skarupa, A.,Sowa, A. (2011). Cognitive function of 6-year old children exposed to mold-contaminated homes in early postnatal period. Prospective birth cohort study in Poland Physiol Behav, 104(5), 989-95	Intervention/exposure
1175	Jedrychowski, W.,Perera, F.,Jankowski, J.,Butscher, M.,Mroz, E.,Flak, E.,Kaim, I.,Lisowska-Miszczyk, I.,Skarupa, A.,Sowa, A. (2012). Effect of exclusive breastfeeding on the development of children's cognitive function in the Krakow prospective birth cohort study Eur J Pediatr, 171(1), 151-8	Intervention/exposure
1176	Jeffery, A. N.,Metcalf, B. S.,Hosking, J.,Murphy, M. J.,Voss, L. D.,Wilkin, T. J. (2006). Little evidence for early programming of weight and insulin resistance for contemporary children: EarlyBird Diabetes Study report 19 Pediatrics, 118(3), 1118-23	Outcome
1177	Jelding-Dannemand, E.,Malby Schoos, A. M.,Bisgaard, H. (2015). Breast-feeding does not protect against allergic sensitization in early childhood and allergy-associated disease at age 7 years J Allergy Clin Immunol, 136(5), 1302-1308 e13	Intervention/exposure
1178	Jelliffe DB (1986). Recent developments in breastfeeding Med J Malaysia, 41(#issue#), 59-63	Study design
1179	Jelliffee, E. F. (1986). Breastfeeding and the prevention of malnutrition Med J Malaysia, 41(1), 88-92	Study design
1180	Jenkins, A. L.,Gyorkos, T. W.,Joseph, L.,Culman, K. N.,Ward, B. J.,Pekeles, G. S.,Mills, E. L. (2004). Risk factors for hospitalization and infection in Canadian Inuit infants over the first year of life--a pilot study Int J Circumpolar Health, 63(1), 61-70	Size of study groups
1181	Jenkins, J. M.,Foster, E. M. (2014). The effects of breastfeeding exclusivity on early childhood outcomes Am J Public Health, 104 Suppl 1(#issue#), S128-35	Outcome
1182	Jensen, B. H.,Röser, D.,Andreassen, B. U.,Olsen, K. E. P.,Nielsen, H. V.,Roldgaard, B. B.,Schjørring, S.,Mirsepasi-Lauridsen, H. C.,Jørgensen, S. L.,Mortensen, E. M.,Petersen, A. M.,Krogfelt, K. A. (2015). Childhood diarrhoea in Danish day care centres could be associated with infant colic, low birthweight and antibiotics Acta Paediatrica, International Journal of Paediatrics, #volume#(#issue#), #Pages#	Size of study groups, Intervention/exposure
1183	Jensen, C. L.,Chen, H.,Fraley, J. K.,Anderson, R. E.,Heird, W. C. (1996). Biochemical effects of dietary linoleic/alpha-linolenic acid ratio in term infants Lipids, 31(1), 107-13	Intervention/exposure
1184	Jensen, C. L.,Prager, T. C.,Fraley, J. K.,Chen, H.,Anderson, R. E.,Heird, W. C. (1997). Effect of dietary linoleic/alpha-linolenic acid ratio on growth and visual function of term infants J Pediatr, 131(2), 200-9	Intervention/exposure
1185	Jensen, C. L.,Prager, T. C.,Zou, Y.,Fraley, J. K.,Maude, M.,Anderson, R. E.,Heird, W. C. (1999). Effects of maternal docosahexaenoic acid supplementation on visual function and growth of breast-fed term infants Lipids, 34 Suppl(#issue#), S225	Publication status

	Full texts screened	Reason for exclusion
1186	Jensen, E. T.,Kappelman, M. D.,Kim, H. P.,Ringel-Kulka, T.,Dellon, E. S. (2013). Early life exposures as risk factors for pediatric eosinophilic esophagitis J Pediatr Gastroenterol Nutr, 57(1), 67-71	Size of study groups, Outcome
1187	Jensen, S. M.,Ritz, C.,Ejlerskov, K. T.,Molgaard, C.,Michaelsen, K. F. (2015). Infant BMI peak, breastfeeding, and body composition at age 3 y Am J Clin Nutr, 101(2), 319-25	Outcome
1188	Jensen, T. K.,Grandjean, P.,Jorgensen, E. B.,White, R. F.,Debes, F.,Weihe, P. (2005). Effects of breast feeding on neuropsychological development in a community with methylmercury exposure from seafood J Expo Anal Environ Epidemiol, 15(5), 423-30	Outcome
1189	Jeris, L. S.,Thies, P. A. (1980). Infant feeding practices and dental health. Part 1: the biological specificity of human milk Bull Mich Dent Hyg Assoc, 10(3), 9-10	Study design
1190	Jiang, M.,Foster, E. M. (2013). Duration of breastfeeding and childhood obesity: a generalized propensity score approach Health Serv Res, 48(2 Pt 1), 628-51	Outcome
1191	Jiang, M.,Foster, E. M.,Gibson-Davis, C. M. (2011). Breastfeeding and the child cognitive outcomes: a propensity score matching approach Matern Child Health J, 15(8), 1296-307	Outcome
1192	Jin, C.,MacKay Rossignol, A. (1993). Effects of passive smoking on respiratory illness from birth to age eighteen months, in Shanghai, People's Republic of China Journal of Pediatrics, 123(4), 553-558	Study design, Intervention/exposure
1193	Jin, H. J.,Lee, J. H.,Kim, M. K. (2013). The prevalence of vitamin D deficiency in iron-deficient and normal children under the age of 24 months Blood Research, 48(1), 40-45	Study design
1194	Jing, H.,Gilchrist, J. M.,Badger, T. M.,Pivik, R. T. (2010). A longitudinal study of differences in electroencephalographic activity among breastfed, milk formula-fed, and soy formula-fed infants during the first year of life Early Hum Dev, 86(2), 119-25	Outcome
1195	Jing, H.,Pivik, R. T.,Dykman, R. A.,Gilchrist, J. M.,Badger, T. M. (2007). Effects of breast milk and milk formula diets on synthesized speech sound-induced event-related potentials in 3- and 6-month-old infants Dev Neuropsychol, 31(3), 349-62	Size of study groups
1196	Jing, H.,Xu, H.,Wan, J.,Yang, Y.,Ding, H.,Chen, M.,Li, L.,Lv, P.,Hu, J.,Yang, J. (2014). Effect of breastfeeding on childhood BMI and obesity: the China Family Panel Studies Medicine (Baltimore), 93(10), e55	Study design
1197	Johansson, C.,Samuelsson, U.,Ludvigsson, J. (1994). A high weight gain early in life is associated with an increased risk of type 1 (insulin-dependent) diabetes mellitus Diabetologia, 37(1), 91-4	Outcome
1198	Johnsen, D. C. (1982). Characteristics and backgrounds of children with "nursing caries" Pediatr Dent, 4(3), 218-24	Study design, Intervention/exposure
1199	Johnsen, D. C.,Gerstenmaier, J. H.,DiSantis, T. A.,Berkowitz, R. J. (1986). Susceptibility of nursing-caries children to future approximal molar decay Pediatr Dent, 8(3), 168-70	Study design
1200	Johnsen, D. C.,Gerstenmaier, J. H.,Schwartz, E.,Michal, B. C.,Parrish, S. (1984). Background comparisons of pre-31/2-year-old children with nursing caries in four practice settings Pediatr Dent, 6(1), 50-4	Study design
1201	Johnson, C. A.,Lieberman, B.,Hassanein, R. E. (1985). The relationship of breast feeding to third-day bilirubin levels J Fam Pract, 20(2), 147-52	Study design, Intervention/exposure
1202	Johnson, C. C.,Ownby, D. R.,Alford, S. H.,Havstad, S. L.,Williams, L. K.,Zoratti, E. M.,Peterson, E. L.,Joseph, C. L. (2005). Antibiotic exposure in early infancy and risk for childhood atopy J Allergy Clin Immunol, 115(6), 1218-24	Outcome
1203	Johnson, D. L.,Swank, P. R.,Howie, V. M.,Baldwin, C. D.,Owen, M. (1996). Breast feeding and children's intelligence Psychol Rep, 79(3 Pt 2), 1179-85	Outcome
1204	Johnson, L.,van Jaarsveld, C. H.,Llewellyn, C. H.,Cole, T. J.,Wardle, J. (2014). Associations between infant feeding and the size, tempo and velocity of infant weight gain: SITAR analysis of the Gemini twin birth cohort Int J Obes (Lond), 38(7), 980-7	Outcome

	Full texts screened	Reason for exclusion
1205	Johnston, B. D.,Huebner, C. E.,Anderson, M. L.,Tyll, L. T.,Thompson, R. S. (2006). Healthy steps in an integrated delivery system: child and parent outcomes at 30 months Arch Pediatr Adolesc Med, 160(8), 793-800	Outcome
1206	Johnston, P. K. (1984). Getting enough to grow on Am J Nurs, 84(3), 336-9	Study design, Intervention/exposure, Outcome
1207	Jonas, W.,Atkinson, L.,Steiner, M.,Meaney, M. J.,Wazana, A.,Fleming, A. S. (2015). Breastfeeding and maternal sensitivity predict early infant temperament Acta Paediatr, 104(7), 678-86	Outcome
1208	Jones EG,Matheny RJ (1993). Relationship between infant feeding and exclusion rate from child care because of illness J Am Diet Assoc, 93(#issue#), 809-11	Study design, Outcome
1209	Jones, A. (2015). INTERGENERATIONAL EDUCATIONAL ATTAINMENT, FAMILY CHARACTERISTICS AND CHILD OBESITY J Biosoc Sci, #volume#(#issue#), 1-20	Study design
1210	Jones, D. (1987). Infant feeding. Breast-feeding practices Nurs Times, 83(3), 56-7	Outcome
1211	Jones, F.,Green, M. (1996). The B.C. Baby-Friendly Initiative Nurs BC, 28(5), 7-8	Study design
1212	Jones, G.,Hynes, K. L.,Dwyer, T. (2013). The association between breastfeeding, maternal smoking in utero, and birth weight with bone mass and fractures in adolescents: a 16-year longitudinal study Osteoporos Int, 24(5), 1605-11	Outcome
1213	Jones, G.,Riley, M.,Dwyer, T. (2000). Breastfeeding in early life and bone mass in prepubertal children: a longitudinal study Osteoporos Int, 11(2), 146-52	Outcome
1214	Jones, I. E.,Williams, S. M.,Goulding, A. (2004). Associations of birth weight and length, childhood size, and smoking with bone fractures during growth: evidence from a birth cohort study Am J Epidemiol, 159(4), 343-50	Outcome
1215	Jones, M. E.,Swerdlow, A. J.,Gill, L. E.,Goldacre, M. J. (1998). Pre-natal and early life risk factors for childhood onset diabetes mellitus: a record linkage study Int J Epidemiol, 27(3), 444-9	Intervention/exposure
1216	Jones, N. A.,McFall, B. A.,Diego, M. A. (2004). Patterns of brain electrical activity in infants of depressed mothers who breastfeed and bottle feed: the mediating role of infant temperament Biol Psychol, 67(1-2), 103-24	Size of study groups
1217	Jones, S. M.,Steele, R. W. (2012). Recurrent group B streptococcal bacteremia Clin Pediatr (Phila), 51(9), 884-7	Study design
1218	Jones, T. F.,Ingram, L. A.,Fullerton, K. E.,Marcus, R.,Anderson, B. J.,McCarthy, P. V.,Vugia, D.,Shiferaw, B.,Haubert, N.,Wedel, S.,Angulo, F. J. (2006). A case-control study of the epidemiology of sporadic Salmonella infection in infants Pediatrics, 118(6), 2380-7	Intervention/exposure
1219	Jonsdottir, O. H.,Kleinman, R. E.,Wells, J. C.,Fewtrell, M. S.,Hibberd, P. L.,Gunnlaugsson, G.,Thorsdottir, I. (2014). Exclusive breastfeeding for 4 versus 6 months and growth in early childhood Acta Paediatr, 103(1), 105-11	Intervention/exposure
1220	Jonsdottir, O. H.,Thorsdottir, I.,Gunnlaugsson, G.,Fewtrell, M. S.,Hibberd, P. L.,Kleinman, R. E. (2013). Exclusive breastfeeding and developmental and behavioral status in early childhood Nutrients, 5(11), 4414-28	Intervention/exposure
1221	Jonsdottir, O. H.,Thorsdottir, I.,Hibberd, P. L.,Fewtrell, M. S.,Wells, J. C.,Palsson, G. I.,Lucas, A.,Gunnlaugsson, G.,Kleinman, R. E. (2012). Timing of the introduction of complementary foods in infancy: a randomized controlled trial Pediatrics, 130(6), 1038-45	Intervention/exposure
1222	Jonville-Béra, A. P.,Autret-Leca, E.,Barbeillon, F.,Paris-Llado, J. (2001). Sudden unexpected death in infants under 3 months of age and vaccination status - A case-control study British Journal of Clinical Pharmacology, 51(3), 271-276	Outcome
1223	Jonville-Bera, A. P.,Autret-Leca, E.,Barbeillon, F.,Paris-Llado, J. (2001). Sudden unexpected death in infants under 3 months of age and vaccination status- -a case-control study Br J Clin Pharmacol, 51(3), 271-6	Outcome
1224	Jooste, P. L.,Rossouw, L. J.,Steenkamp, H. J.,Rossouw, J. E.,Swanepoel, A. S.,Charlton, D. O. (1991). Effect of breast feeding on the plasma cholesterol and growth of infants J Pediatr Gastroenterol Nutr, 13(2), 139-42	Country

	Full texts screened	Reason for exclusion
1225	Jorgensen, M. H.,Hernell, O.,Lund, P.,Holmer, G.,Michaelsen, K. F. (1996). Visual acuity and erythrocyte docosahexaenoic acid status in breast-fed and formula-fed term infants during the first four months of life Lipids, 31(1), 99-105	Size of study groups
1226	Jørgensen, M. H.,Hølmer, G.,Lund, P.,Hernell, O.,Michaelsen, K. F. (1998). Effect of formula supplemented with docosahexaenoic acid and γ- linolenic acid on fatty acid status and visual acuity in term infants Journal of Pediatric Gastroenterology and Nutrition, 26(4), 412-421	Size of study groups
1227	Jorgensen, M. H.,Nielsen, P. K.,Michaelsen, K. F.,Lund, P.,Lauritzen, L. (2006). The composition of polyunsaturated fatty acids in erythrocytes of lactating mothers and their infants Matern Child Nutr, 2(1), 29-39	Size of study groups, Intervention/exposure
1228	Jourdan-Da Silva, N.,Perel, Y.,Mechinaud, F.,Plouvier, E.,Gandemer, V.,Lutz, P.,Vannier, J. P.,Lamagnere, J. L.,Margueritte, G.,Boutard, P.,Robert, A.,Armari, C.,Munzer, M.,Millot, F.,De Lumley, L.,Berthou, C.,Rialland, X.,Pautard, B.,Hemon, D.,Clavel, J. (2004). Infectious diseases in the first year of life, perinatal characteristics and childhood acute leukaemia Br J Cancer, 90(1), 139-45	Outcome
1229	Jovanovic, D.,Ilic, N.,Miljkovic-Selimovic, B.,Djokic, D.,Relic, T.,Tambur, Z.,Doder, R.,Kostic, G. (2015). Campylobacter jejuni infection and IgE sensitization in up to 2-year-old infants Vojnosanit Pregl, 72(2), 140-7	Study design, Size of study groups
1230	Joventino, Emanuella Silva,Gomes Coutinho, Robson,de Castro Bezerra, Karine,de Almeida, Paulo CÃ©sar,Oliveira Batista OriÃ¡, MÃ´nica,Barbosa Ximenes, Lorena (2013). Self-effectiveness in preventing diarrhea and child care: a transversal study Online Brazilian Journal of Nursing, 12(2), 1-1 1p	Study design
1231	Juambeltz, J. C.,Kula, K.,Perman, J. (1993). Nursing caries and lactose intolerance ASDC J Dent Child, 60(4), 377-84	Study design, Intervention/exposure
1232	Juez, G.,Diaz, S.,Casado, M. E.,Duran, E.,Salvatierra, A. M.,Peralta, O.,Croxatto, H. B. (1983). Growth pattern of selected urban Chilean infants during exclusive breast-feeding Am J Clin Nutr, 38(3), 462-8	Intervention/exposure
1233	Juliusson, P. B.,Roelants, M.,Hoppenbrouwers, K.,Hauspie, R.,Bjerknes, R. (2011). Growth of Belgian and Norwegian children compared to the WHO growth standards: prevalence below -2 and above +2 SD and the effect of breastfeeding Arch Dis Child, 96(10), 916-21	Study design
1234	Julvez, J.,Guxens, M.,Carsin, A. E.,Forns, J.,Mendez, M.,Turner, M. C.,Sunyer, J. (2014). A cohort study on full breastfeeding and child neuropsychological development: the role of maternal social, psychological, and nutritional factors Dev Med Child Neurol, 56(2), 148-56	Outcome
1235	Julvez, J.,Ribas-Fito, N.,Forns, M.,Garcia-Esteban, R.,Torrent, M.,Sunyer, J. (2007). Attention behaviour and hyperactivity at age 4 and duration of breast-feeding Acta Paediatr, 96(6), 842-7	Outcome
1236	Jung, E.,Czajka-Narins, D. (1986). Comparison of growth of black and white infants during their first two years of life J Natl Med Assoc, 78(12), 1157-60	Study design, Intervention/exposure
1237	Jung, E.,Czajka-Narins, D. M. (1985). Birth weight doubling and tripling times: an updated look at the effects of birth weight, sex, race and type of feeding Am J Clin Nutr, 42(2), 182-9	Intervention/exposure
1238	Just, J.,Belfar, S.,Wanin, S.,Pribil, C.,Grimfeld, A.,Duru, G. (2010). Impact of innate and environmental factors on wheezing persistence during childhood J Asthma, 47(4), 412-6	Participant health
1239	Juto, P.,Moller, C.,Engberg, S.,Bjorksten, B. (1982). Influence of type of feeding on lymphocyte function and development of infantile allergy Clin Allergy, 12(4), 409-16	Size of study groups
1240	Juvonen, P.,Mansson, M.,Andersson, C.,Jakobsson, I. (1996). Allergy development and macromolecular absorption in infants with different feeding regimens during the first three days of life. A three-year prospective follow-up Acta Paediatr, 85(9), 1047-52	Size of study groups, Intervention/exposure
1241	Jwa, S. C.,Fujiwara, T.,Kondo, N. (2014). Latent protective effects of breastfeeding on late childhood overweight and obesity: a nationwide prospective study Obesity (Silver Spring), 22(6), 1527-37	Intervention/exposure

	Full texts screened	Reason for exclusion
1242	Kaatsch, P.,Kaletsch, U.,Krummenauer, F.,Meinert, R.,Miesner, A.,Haaf, G.,Michaelis, J. (1996). Case control study on childhood leukemia in Lower Saxony, Germany. Basic considerations, methodology, and summary of results Klin Padiatr, 208(4), 179-85	Study design, Intervention/exposure
1243	Kadziela-Olech, H.,Piotrowska-Jastrzebska, J. (2005). The duration of breastfeeding and attention deficit hyperactivity disorder Rocz Akad Med Bialymst, 50(#issue#), 302-6	Outcome
1244	Kafouri, S.,Kramer, M.,Leonard, G.,Perron, M.,Pike, B.,Richer, L.,Toro, R.,Veillette, S.,Pausova, Z.,Paus, T. (2013). Breastfeeding and brain structure in adolescence Int J Epidemiol, 42(1), 150-9	Study design
1245	Kajantie, E.,Barker, D. J.,Osmond, C.,Forsen, T.,Eriksson, J. G. (2008). Growth before 2 years of age and serum lipids 60 years later: the Helsinki Birth Cohort study Int J Epidemiol, 37(2), 280-9	Outcome
1246	Kajosaari, M. (1991). Atopy prophylaxis in high-risk infants. Prospective 5-year follow-up study of children with six months exclusive breastfeeding and solid food elimination Adv Exp Med Biol, 310(#issue#), 453-8	Publication status
1247	Kajosaari, M. (1994). Atopy prevention in childhood: the role of diet. Prospective 5-year follow-up of high-risk infants with six months exclusive breastfeeding and solid food elimination Pediatr Allergy Immunol, 5(6 Suppl), 26-8	Intervention/exposure
1248	Kajosaari, M.,Saarinen, U. M. (1983). Prophylaxis of atopic disease by six months' total solid food elimination. Evaluation of 135 exclusively breast-fed infants of atopic families Acta Paediatr Scand, 72(3), 411-4	Intervention/exposure
1249	Kale, A.,Deardorff, J.,Lahiff, M.,Laurent, C.,Greenspan, L. C.,Hiatt, R. A.,Windham, G.,Galvez, M. P.,Biro, F. M.,Pinney, S. M.,Teitelbaum, S. L.,Wolff, M. S.,Barlow, J.,Mirabedi, A.,Lasater, M.,Kushi, L. H. (2015). Breastfeeding versus formula-feeding and girls' pubertal development Matern Child Health J, 19(3), 519-27	Study design, Outcome
1250	Kalies, H.,Heinrich, J.,Borte, N.,Schaaf, B.,von Berg, A.,von Kries, R.,Wichmann, H. E.,Bolte, G. (2005). The effect of breastfeeding on weight gain in infants: results of a birth cohort study Eur J Med Res, 10(1), 36-42	Intervention/exposure
1251	Kallio, M. J.,Salmenpera, L.,Siimes, M. A.,Perheentupa, J.,Miettinen, T. A. (1992). Exclusive breast-feeding and weaning: effect on serum cholesterol and lipoprotein concentrations in infants during the first year of life Pediatrics, 89(4 Pt 1), 663-6	Outcome
1252	Kallio, M. J.,Salmenpera, L.,Siimes, M. A.,Perheentupa, J.,Miettinen, T. A. (1993). Tracking of serum cholesterol and lipoprotein levels from the first year of life Pediatrics, 91(5), 949-54	Intervention/exposure
1253	Kalliomaki, M.,Isolauri, E. (2000). Breastfeeding and atopic sensitisation Adv Exp Med Biol, 478(#issue#), 389-90	Study design
1254	Kalliomäki, M.,Salminen, S.,Arvilommi, H. (2001). Prenatal and postnatal administration of Lactobacillus GG reduced the occurence of atopic disease in offspring Evidence-Based Medicine, 6(6), 178	Publication status
1255	Kamer, B.,Raczynska, J.,Kaczmarek, J.,Lukamowicz, J.,Pasowska, R.,Puchala, B. (1995). Genetic and environmental conditions involved in assessment of the immunological state in children with atopic dermatitis Rocz Akad Med Bialymst, 40(3), 439-47	Study design, Participant health
1256	Kanazawa, S. (2015). Breastfeeding is positively associated with child intelligence even net of parental IQ Dev Psychol, 51(12), 1683-9	Outcome
1257	Kaplan, B. A.,Mascie-Taylor, C. G. (1985). Biosocial factors in the epidemiology of childhood asthma in a British national sample J Epidemiol Community Health, 39(2), 152-6	Intervention/exposure
1258	Karademir, F.,Suleymanoglu, S.,Ersen, A.,Aydinoz, S.,Gultepe, M.,Meral, C.,Ozkaya, H.,Gocmen, I. (2007). Vitamin B12, folate, homocysteine and urinary methylmalonic acid levels in infants Journal of International Medical Research, 35(3), 384-388	Intervention/exposure
1259	Karaguzel, G.,Ozer, S.,Akcurin, S.,Turkkahraman, D.,Bircan, I. (2007). Type 1 diabetes-related epidemiological, clinical and laboratory findings. An evaluation with special regard to autoimmunity in children Saudi Med J, 28(4), 584-9	Participant health
1260	Karakoç, G. B.,Altintaş, D. U.,Yilmaz, M.,Kendirli, S. G. (2003). Prick Skin Test Results in Children Less Than Three Years-Old Annals of Medical Sciences, 12(3), 85-88	Participant health

	Full texts screened	Reason for exclusion
1261	Karaolis-Danckert, N.,Buyken, A. E.,Kulig, M.,Kroke, A.,Forster, J.,Kamin, W.,Schuster, A.,Hornberg, C.,Keil, T.,Bergmann, R. L.,Wahn, U.,Lau, S. (2008). How pre- and postnatal risk factors modify the effect of rapid weight gain in infancy and early childhood on subsequent fat mass development: results from the Multicenter Allergy Study 90 Am J Clin Nutr, 87(5), 1356-64	Intervention/exposure
1262	Karaolis-Danckert, N.,Buyken, A. E.,Sonntag, A.,Kroke, A. (2009). Birth and early life influences on the timing of puberty onset: results from the DONALD (DOrtmund Nutritional and Anthropometric Longitudinally Designed) Study Am J Clin Nutr, 90(6), 1559-65	Outcome
1263	Karaolis-Danckert, N.,Gunther, A. L.,Kroke, A.,Hornberg, C.,Buyken, A. E. (2007). How early dietary factors modify the effect of rapid weight gain in infancy on subsequent body-composition development in term children whose birth weight was appropriate for gestational age Am J Clin Nutr, 86(6), 1700-8	Intervention/exposure
1264	Karino, S.,Okuda, T.,Uehara, Y.,Toyo-oka, T. (2008). Breastfeeding and prevalence of allergic diseases in Japanese university students Ann Allergy Asthma Immunol, 101(2), 153-9	Study design
1265	Karjalainen, S.,Ronning, O.,Lapinleimu, H.,Simell, O. (1999). Association between early weaning, non-nutritive sucking habits and occlusal anomalies in 3-year-old Finnish children Int J Paediatr Dent, 9(3), 169-73	Outcome
1266	Kark, J. D.,Troya, G.,Friedlander, Y.,Slater, P. E.,Stein, Y. (1984). Validity of maternal reporting of breast feeding history and the association with blood lipids in 17 year olds in Jerusalem J Epidemiol Community Health, 38(3), 218-25	Outcome
1267	Karmaus, W.,Dobai, A. L.,Ogbuanu, I.,Arshard, S. H.,Matthews, S.,Ewart, S. (2008). Long-term effects of breastfeeding, maternal smoking during pregnancy, and recurrent lower respiratory tract infections on asthma in children J Asthma, 45(8), 688-95	Outcome
1268	Karunasekera, K. A.,Jayasinghe, J. A.,Alwis, L. W. (2001). Risk factors of childhood asthma: a Sri Lankan study J Trop Pediatr, 47(3), 142-5	Outcome
1269	Kaseb, F.,Kimiagar, M.,Ghafarpoor, M.,Valaii, N. (2002). Effect of traditional food supplementation during pregnancy on maternal weight gain and birthweight Int J Vitam Nutr Res, 72(6), 389-93	Size of study groups
1270	Kasla, R. R.,Bavdekar, S. B.,Joshi, S. Y.,Hathi, G. S. (1995). Exclusive breastfeeding: protective efficacy Indian J Pediatr, 62(4), 449-53	Country
1271	Kass, R. B.,Meumann, F. (1985). Hospitalisation for childhood diarrhoea in Central Australia Aust Clin Rev, 5(19), 178-83	Study design, Participant health
1272	Kaste, L. M.,Marianos, D.,Chang, R.,Phipps, K. R. (2010). The assessment of nursing caries and its relationship to high caries in the permanent dentition. 1992 J Indiana Dent Assoc, 89(2), 20-4	Intervention/exposure
1273	Katikaneni, R.,Ponnapakkam, T.,Ponnapakkam, A.,Gensure, R. (2009). Breastfeeding does not protect against urinary tract infection in the first 3 months of life, but vitamin D supplementation increases the risk by 76% Clin Pediatr (Phila), 48(7), 750-5	Outcome
1274	Kato, T.,Yorifuji, T.,Yamakawa, M.,Inoue, S.,Saito, K.,Doi, H.,Kawachi, I. (2015). Association of breast feeding with early childhood dental caries: Japanese population-based study BMJ Open, 5(3), e006982	Outcome
1275	Katoku, Y.,Yamada, M.,Yonekubo, A.,Kuwata, T.,Kobayashi, A.,Sawa, A. (1996). Effect of the cholesterol content of a formula on the lipid compositions of plasma lipoproteins and red blood cell membranes in early infancy Am J Clin Nutr, 64(6), 871-7	Size of study groups
1276	Kaufman, H. S.,Frick, O. L. (1981). Prevention of asthma Clin Allergy, 11(6), 549-53	Intervention/exposure
1277	Kaur, N.,Deol, R.,Yadav, A. (2014). Correlation of feeding practices and health profile of children Nurs J India, 105(3), 128-30	Country
1278	Kawai, T.,Goto, A.,Watanabe, E.,Nagasawa, M.,Yasumura, S. (2011). Lower respiratory tract infections and gastrointestinal infections among mature babies in Japan Pediatr Int, 53(4), 431-45	Study design
1279	Kazemi, A.,Tabatabaie, F.,Agha-Ghazvini, M. R.,Kelishadi, R. (2006). The role of rotavirus in acute pediatric diarrhea in Isfahan, Iran Pakistan Journal of Medical Sciences, 22(3), 282-285	Study design
1280	Keim, S. A.,Daniels, J. L.,Siega-Riz, A. M.,Herring, A. H.,Dole, N.,Scheidt, P. C. (2012). Breastfeeding and long-chain polyunsaturated fatty acid intake in the first 4 post-natal months and infant cognitive development: an observational study Matern Child Nutr, 8(4), 471-82	Outcome

	Full texts screened	Reason for exclusion
1281	Kellberger, J.,Dressel, H.,Vogelberg, C.,Leupold, W.,Windstetter, D.,Weinmayr, G.,Genuneit, J.,Heumann, C.,Nowak, D.,von Mutius, E.,Radon, K. (2012). Prediction of the incidence and persistence of allergic rhinitis in adolescence: a prospective cohort study J Allergy Clin Immunol, 129(2), 397-402, 402 e1-3	Intervention/exposure
1282	Keller, K. M.,Burgin-Wolff, A.,Lippold, R.,Wirth, S.,Lentze, M. J. (1996). The diagnostic significance of IgG cow's milk protein antibodies re-evaluated Eur J Pediatr, 155(4), 331-7	Size of study groups, Outcome
1283	Keller, K. M.,Burgin-Wolff, A.,Menger, H.,Lippold, R.,Wirth, S.,Baumann, W. (1991). IgG, IgA, and IgE antibodies to cow milk proteins in an allergy prevention study Adv Exp Med Biol, 310(#issue#), 467-73	Intervention/exposure, Outcome
1284	Kemeny, D. M.,Price, J. F.,Richardson, V.,Richards, D.,Lessof, M. H. (1991). The IgE and IgG subclass antibody response to foods in babies during the first year of life and their relationship to feeding regimen and the development of food allergy J Allergy Clin Immunol, 87(5), 920-9	Outcome
1285	Kennedy, K.,Fewtrell, M. S.,Morley, R.,Abbott, R.,Quinlan, P. T.,Wells, J. C.,Bindels, J. G.,Lucas, A. (1999). Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term infants: effects on stool biochemistry, stool characteristics, and bone mineralization Am J Clin Nutr, 70(5), 920-7	Outcome
1286	Kerkhof, M.,Koopman, L. P.,van Strien, R. T.,Wijga, A.,Smit, H. A.,Aalberse, R. C.,Neijens, H. J.,Brunekreef, B.,Postma, D. S.,Gerritsen, J. (2003). Risk factors for atopic dermatitis in infants at high risk of allergy: the PIAMA study Clin Exp Allergy, 33(10), 1336-41	Outcome
1287	Kero, P.,Piekkala, P. (1987). Factors affecting the occurrence of acute otitis media during the first year of life Acta Paediatr Scand, 76(4), 618-23	Outcome
1288	Kerr, A. A. (1981). Lower respiratory tract illness in Polynesian infants N Z Med J, 93(684), 333-5	Study design, Outcome
1289	Keusch, G. T. (1980). Homing in on interventions in the malnutrition-infection complex Am J Clin Nutr, 33(4), 727-9	Study design
1290	Kew, S.,Hamilton, J. K.,Ye, C.,Hanley, A. J.,Zinman, B.,Retnakaran, R. (2013). Vitamin D status and cardiometabolic assessment in infancy Pediatr Res, 74(2), 217-22	Study design, Size of study groups
1291	Khadivzadeh, T.,Parsai, S. (2004). Effect of exclusive breastfeeding and complementary feeding on infant growth and morbidity East Mediterr Health J, 10(3), 289-94	Intervention/exposure
1292	Khalili, H.,Ananthakrishnan, A. N.,Higuchi, L. M.,Richter, J. M.,Fuchs, C. S.,Chan, A. T. (2013). Early life factors and risk of inflammatory bowel disease in adulthood Inflamm Bowel Dis, 19(3), 542-7	Intervention/exposure
1293	Khan, F.,Green, F. C.,Forsyth, J. S.,Greene, S. A.,Newton, D. J.,Belch, J. J. (2009). The beneficial effects of breastfeeding on microvascular function in 11- to 14-year-old children Vasc Med, 14(2), 137-42	Intervention/exposure
1294	Khanjanasthiti, P.,Nanna, P.,Sawongtrakul, S. (1986). Breast feeding in early neonatal period J Med Assoc Thai, 69 Suppl 2(#issue#), 100-6	Outcome
1295	Khanolkar, A. R.,Sovio, U.,Bartlett, J. W.,Wallby, T.,Koupil, I. (2013). Socioeconomic and early-life factors and risk of being overweight or obese in children of Swedish- and foreign-born parents Pediatr Res, 74(3), 356-63	Intervention/exposure
1296	Khedr, E. M.,Farghaly, W. M.,Amry Sel, D.,Osman, A. A. (2004). Neural maturation of breastfed and formula-fed infants Acta Paediatr, 93(6), 734-8	Country, Size of study group
1297	Kholdi, N.,Zayeri, F.,Bagheban, A. A.,Khodakarim, S.,Ramezankhani, A. (2012). A study of growth failure and its related factors in children from 0 to 2 years in Tehran, Iran Turk J Pediatr, 54(1), 38-44	Outcome
1298	Kiechl-Kohlendorfer, U.,Horak, E.,Mueller, W.,Strobl, R.,Haberland, C.,Fink, F. M.,Schwaiger, M.,Gutenberger, K. H.,Reich, H.,Meraner, D.,Kiechl, S. (2007). Neonatal characteristics and risk of atopic asthma in schoolchildren: results from a large prospective birth-cohort study Acta Paediatr, 96(11), 1606-10	Intervention/exposure

	Full texts screened	Reason for exclusion
1299	Kiechl-Kohlendorfer, U.,Peglow, U. P.,Kiechl, S.,Oberaigner, W.,Sperl, W. (2001). Epidemiology of sudden infant death syndrome (SIDS) in the Tyrol before and after an intervention campaign Wien Klin Wochenschr, 113(1-2), 27-32	Study design, Intervention/exposure
1300	Kieviet, N.,Hoppenbrouwers, C.,Dolman, K. M.,Berkhof, J.,Wennink, H.,Honig, A. (2015). Risk factors for poor neonatal adaptation after exposure to antidepressants in utero Acta Paediatr, 104(4), 384-91	Outcome
1301	Kim, C. S.,Jung, H. W.,Yoo, K. Y. (1993). Prevalence and risk factors of chronic otitis media in Korea: results of a nation-wide survey Acta Otolaryngol, 113(3), 369-75	Study design
1302	Kim, H. S.,Kim, Y. H.,Kim, M. J.,Lee, H. S.,Han, Y. K.,Kim, K. W.,Sohn, M. H.,Kim, K. E. (2015). Effect of breastfeeding on lung function in asthmatic children Allergy Asthma Proc, 36(2), 116-22	Study design, Participant health
1303	Kim, I.,Pollitt, E. (1987). Differences in the pattern of weight growth of nutritionally at-risk and well-nourished infants Am J Clin Nutr, 46(1), 31-5	Intervention/exposure
1304	Kim, M. J.,Na, B.,No, S. J.,Han, H. S.,Jeong, E. H.,Lee, W.,Han, Y.,Hyeun, T. (2010). Nutritional status of vitamin D and the effect of vitamin D supplementation in Korean breast-fed infants J Korean Med Sci, 25(1), 83-9	Study design, Size of study groups
1305	Kim, S. K.,Cheong, W. S.,Jun, Y. H.,Choi, J. W.,Son, B. K. (1996). Red blood cell indices and iron status according to feeding practices in infants and young children Acta Paediatr, 85(2), 139-44	Study design, Participant health
1306	Kimpimaki, T.,Erkkola, M.,Korhonen, S.,Kupila, A.,Virtanen, S. M.,Ilonen, J.,Simell, O.,Knip, M. (2001). Short-term exclusive breastfeeding predisposes young children with increased genetic risk of Type I diabetes to progressive beta-cell autoimmunity Diabetologia, 44(1), 63-9	Outcome
1307	King, D. E. (2002). Statistics. Adult intelligence and breastfeeding International Journal of Childbirth Education, 17(4), 23-23 1p	Publication status
1308	Kiris, M.,Muderris, T.,Kara, T.,Bercin, S.,Cankaya, H.,Sevil, E. (2012). Prevalence and risk factors of otitis media with effusion in school children in Eastern Anatolia International Journal of Pediatric Otorhinolaryngology, 76(7), 1030-1035	Study design
1309	Kitsantas, P.,Gaffney, K. F. (2010). Risk profiles for overweight/obesity among preschoolers Early Hum Dev, 86(9), 563-8	Outcome
1310	Kjellman, N. I. (1988). Epidemiology and prevention of allergy Allergy, 43 Suppl 8(#issue#), 39-40	Study design
1311	Klag, E. A.,McNamara, K.,Geraghty, S. R.,Keim, S. A. (2015). Associations Between Breast Milk Feeding, Introduction of Solid Foods, and Weight Gain in the First 12 Months of Life Clin Pediatr (Phila), 54(11), 1059-67	Study design
1312	Klein, I.,Reif, S.,Farbstein, H.,Halak, A.,Gilat, T. (1998). Preillness non dietary factors and habits in inflammatory bowel disease Ital J Gastroenterol Hepatol, 30(3), 247-51	Intervention/exposure
1313	Klein, J. O. (1997). Prevention of recurrent acute otitis media Seminars in Pediatric Infectious Diseases, 8(2), 101-104	Study design
1314	Klenovics, K. S.,Boor, P.,Somoza, V.,Celec, P.,Fogliano, V.,Sebekova, K. (2013). Advanced glycation end products in infant formulas do not contribute to insulin resistance associated with their consumption PLoS One, 8(1), e53056	Study design, Size of study groups
1315	Klinnert, M. D.,Nelson, H. S.,Price, M. R.,Adinoff, A. D.,Leung, D. Y.,Mrazek, D. A. (2001). Onset and persistence of childhood asthma: predictors from infancy Pediatrics, 108(4), E69	Outcome
1316	Klonoff-Cohen, H. S.,Edelstein, S. L.,Lefkowitz, E. S.,Srinivasan, I. P.,Kaegi, D.,Chang, J. C.,Wiley, K. J. (1995). The effect of passive smoking and tobacco exposure through breast milk on sudden infant death syndrome JAMA, 273(10), 795-8	Outcome
1317	Knight, S. M.,Toodayan, W.,Caique, W. C.,Kyi, W.,Barnes, A.,Desmarchelier, P. (1992). Risk factors for the transmission of diarrhoea in children: a case-control study in rural Malaysia Int J Epidemiol, 21(4), 812-8	Participant health
1318	Knip, M. (2003). Cow's milk and the new trials for prevention of type 1 diabetes J Endocrinol Invest, 26(3), 265-7	Study design
1319	Knishkowy, B.,Palti, H.,Adler, B.,Tepper, D. (1991). Effect of otitis media on development: a community-based study Early Hum Dev, 26(2), 101-11	Outcome

	Full texts screened	Reason for exclusion
1320	Ko, Y.,Kariyawasam, V.,Karnib, M.,Butcher, R.,Samuel, D.,Alrubaie, A.,Rahme, N.,McDonald, C.,Cowlishaw, J.,Katelaris, P.,Barr, G.,Jones, B.,Connor, S.,Paven, G.,Chapman, G.,Park, G.,Gearry, R.,Leong, R. W. (2015). Inflammatory Bowel Disease Environmental Risk Factors: A Population-Based Case-Control Study of Middle Eastern Migration to Australia Clin Gastroenterol Hepatol, 13(8), 1453-63 e1	Outcome
1321	Koch, A.,Molbak, K.,Homoe, P.,Sorensen, P.,Hjuler, T.,Olesen, M. E.,Pejl, J.,Pedersen, F. K.,Olsen, O. R.,Melbye, M. (2003). Risk factors for acute respiratory tract infections in young Greenlandic children Am J Epidemiol, 158(4), 374-84	Outcome
1322	Kocturk, T. (1988). Infant feeding pattern in three districts of Istanbul J Trop Pediatr, 34(4), 193-7	Study design, Outcome
1323	Koehoorn, M.,Karr, C. J.,Demers, P. A.,Lencar, C.,Tamburic, L.,Brauer, M. (2008). Descriptive epidemiological features of bronchiolitis in a population-based cohort Pediatrics, 122(6), 1196-203	Outcome
1324	Koenig, H. F. (2014). Breastfeeding education for healthier babies. Baby-Friendly designation improves infant, mother and community health Healthc Exec, 29(4), 46, 48-9	Study design
1325	Koh, T. H. (1981). Breast feeding among the Chinese in four countries J Trop Pediatr, 27(2), 88-91	Study design, Outcome
1326	Kohler, L.,Meeuwisse, G.,Mortensson, W. (1984). Food intake and growth of infants between six and twenty-six weeks of age on breast milk, cow's milk formula, or soy formula Acta Paediatr Scand, 73(1), 40-8	Size of study groups
1327	Kohn, G.,Sawatzki, G.,van Biervliet, J. P.,Rosseneu, M. (1994). Diet and the essential fatty acid status of term infants Acta Paediatr Suppl, 402(#issue#), 69-74	Outcome
1328	Kolacek, S.,Kapetanovic, T.,Luzar, V. (1993). Early determinants of cardiovascular risk factors in adults. B. Blood pressure Acta Paediatr, 82(4), 377-82	Size of study groups
1329	Kolacek, S.,Kapetanovic, T.,Zimolo, A.,Luzar, V. (1993). Early determinants of cardiovascular risk factors in adults. A. Plasma lipids Acta Paediatr, 82(8), 699-704	Size of study groups
1330	Koletzko S (2015). 2.5 Allergy Prevention through Early Nutrition World Rev Nutr Diet, 113(#issue#), 113-7	Publication status
1331	Koletzko, B. (2015). 2.2 Formula feeding World Rev Nutr Diet, 113(#issue#), 97-103	Study design
1332	Koletzko, B.,Beyer, J.,Brands, B.,Demmelmair, H.,Grote, V.,Haile, G.,Gruszfeld, D.,Rzehak, P.,Socha, P.,Weber, M. (2013). Early influences of nutrition on postnatal growth Nestle Nutr Inst Workshop Ser, 71(#issue#), 11-27	Publication status
1333	Koletzko, B.,Grote, V.,Schiess, S.,Verwied-Jorky, S.,Brands, B.,Demmelmair, H.,Kries, R. (2010). Prevention of pediatric obesity through baby nutrition. [German] Monatsschrift fur Kinderheilkunde, 158(6), 553-63	Language
1334	Koletzko, B.,Schiess, S.,Brands, B.,Haile, G.,Demmelmair, H.,Kries, R.,Grote, V. (2010). [Infant feeding practice and later obesity risk. Indications for early metabolic programming] Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz, 53(7), 666-73	Language
1335	Koletzko, B.,Toschke, A. M.,Vignerova, J.,Osancova, K.,Von Kries, R. (2003). Does breast feeding protect against later overweight and obesity? Cesko-Slovenska Pediatrie, 58(1), 3-9	Publication status
1336	Koletzko, B.,von Kries, R. (2002). Are there long term protective effects of breast feeding against later obesity? Pediatria Wspolczesna, 4(3), 217-223	Language
1337	Koletzko, B.,Von Kries, R.,Closa, R.,Escribano, J.,Scaglioni, S.,Giovannini, M.,Beyer, J.,Demmelmair, H.,Gruszfeld, D.,Dobrzanska, A.,Sengier, A.,Langhendries, J. P.,Cachera, M. F. R.,Grote, V. (2009). Lower protein in infant formula is associated with lower weight up to age 2 y: A randomized clinical trial American Journal of Clinical Nutrition, 89(6), 1836-1845	Intervention/exposure
1338	Koletzko, B.,von, K. R.,Closa, R.,Escribano, J.,Scaglioni, S.,Giovannini, M.,Beyer, J.,Demmelmair, H.,Anton, B.,Gruszfeld, D.,Dobrzanska, A.,Sengier, A.,Langhendries, J. P.,Rolland Cachera, M. F.,Grote, V. (2009). Can infant feeding choices modulate later obesity risk? American journal of clinical nutrition, 89(5), 1502s-1508s	Study design

	Full texts screened	Reason for exclusion
1339	Koletzko, S.,Griffiths, A.,Corey, M.,Smith, C.,Sherman, P. (1991). Infant feeding practices and ulcerative colitis in childhood BMJ, 302(6792), 1580-1	Outcome
1340	Koletzko, S.,Sherman, P.,Corey, M.,Griffiths, A.,Smith, C. (1989). Role of infant feeding practices in development of Crohn's disease in childhood BMJ, 298(6688), 1617-8	Outcome
1341	Koloski, N. A.,Jones, M.,Weltman, M.,Kalantar, J.,Bone, C.,Gowryshankar, A.,Walker, M. M.,Talley, N. J. (2015). Identification of early environmental risk factors for irritable bowel syndrome and dyspepsia Neurogastroenterol Motil, 27(9), 1317-25	Outcome
1342	Koopman, J. S.,Turkish, V. J.,Monto, A. S. (1985). Infant formulas and gastrointestinal illness Am J Public Health, 75(5), 477-80	Outcome
1343	Kosse, F. (2016). The Nutritional and Social Environment-Related Effects of Breastfeeding on Intelligence JAMA Pediatr, 170(2), 173-4	Study design, Outcome
1344	Kost, N. V.,Sokolov, O. Y.,Kurasova, O. B.,Dmitriev, A. D.,Tarakanova, J. N.,Gabaeva, M. V.,Zolotarev, Y. A.,Dadayan, A. K.,Grachev, S. A.,Korneeva, E. V.,Mikheeva, I. G.,Zozulya, A. A. (2009). Beta-casomorphins-7 in infants on different type of feeding and different levels of psychomotor development Peptides, 30(10), 1854-60	Study design, Intervention/exposure
1345	Koster, E. S.,Van der Ent, C. K.,Uiterwaal, C. S.,Verheij, T. J.,Raaijmakers, J. A.,Maitland-van der Zee, A. H. (2011). Asthma medication use in infancy: determinants related to prescription of drug therapy Fam Pract, 28(4), 377-84	Intervention/exposure
1346	Kostraba, J. N.,Cruickshanks, K. J.,Lawler-Heavner, J.,Jobim, L. F.,Rewers, M. J.,Gay, E. C.,Chase, H. P.,Klingensmith, G.,Hamman, R. F. (1993). Early exposure to cow's milk and solid foods in infancy, genetic predisposition, and risk of IDDM Diabetes, 42(2), 288-95	Outcome
1347	Kostraba, J. N.,Dorman, J. S.,LaPorte, R. E.,Scott, F. W.,Steenkiste, A. R.,Gloninger, M.,Drash, A. L. (1992). Early infant diet and risk of IDDM in blacks and whites. A matched case-control study Diabetes Care, 15(5), 626-31	Outcome
1348	Krabbendam, L.,Bakker, E.,Hornstra, G.,van Os, J. (2007). Relationship between DHA status at birth and child problem behaviour at 7 years of age Prostaglandins Leukot Essent Fatty Acids, 76(1), 29-34	Outcome
1349	Kramer, M. S. (1981). Do breast-feeding and delayed introduction of solid foods protect against subsequent obesity? J Pediatr, 98(6), 883-7	Outcome
1350	Kramer, M. S. (1988). Infant feeding, infection, and public health Pediatrics, 81(1), 164-6	Study design
1351	Kramer, M. S. (2010). "Breast is best": The evidence Early Hum Dev, 86(11), 729-32	Outcome
1352	Kramer, M. S.,Aboud, F.,Mironova, E.,Vanilovich, I.,Platt, R. W.,Matush, L.,Igumnov, S.,Fombonne, E.,Bogdanovich, N.,Ducruet, T.,Collet, J. P.,Chalmers, B.,Hodnett, E.,Davidovsky, S.,Skugarevsky, O.,Trofimovich, O.,Kozlova, L.,Shapiro, S. (2008). Breastfeeding and child cognitive development: new evidence from a large randomized trial Arch Gen Psychiatry, 65(5), 578-84	Outcome
1353	Kramer, M. S.,Barr, R. G.,Leduc, D. G.,Boisjoly, C.,McVey-White, L.,Pless, I. B. (1985). Determinants of weight and adiposity in the first year of life J Pediatr, 106(1), 10-4	Outcome
1354	Kramer, M. S.,Barr, R. G.,Pless, I. B. (1986). Determinants of weight and adiposity in early childhood Canadian Journal of Public Health, 77(SUPPL. 1), 98-103	Outcome
1355	Kramer, M. S.,Chalmers, B.,Hodnett, E. D.,Sevkovskaya, Z.,Dzikovich, I.,Shapiro, S.,Collet, J. P.,Vanilovich, I.,Mezen, I.,Ducruet, T.,Shishko, G.,Zubovich, V.,Mknuik, D.,Gluchanina, E.,Dombrovskiy, V.,Ustinovitch, A.,Kot, T.,Bogdanovich, N.,Ovchinikova, L.,Helsing, E. (2001). Promotion of breastfeeding intervention trial (PROBIT): A randomized trial in the Republic of Belarus Journal of the American Medical Association, 285(4), 413-420	Outcome
1356	Kramer, M. S.,Fombonne, E.,Igumnov, S.,Vanilovich, I.,Matush, L.,Mironova, E.,Bogdanovich, N.,Tremblay, R. E.,Chalmers, B.,Zhang, X.,Platt, R. W. (2008). Effects of prolonged and exclusive breastfeeding on child behavior and maternal adjustment: evidence from a large, randomized trial Pediatrics, 121(3), e435-40	Outcome

	Full texts screened	Reason for exclusion
1357	Kramer, M. S.,Fombonne, E.,Matush, L.,Bogdanovich, N.,Dahhou, M.,Platt, R. W. (2011). Long-term behavioural consequences of infant feeding: the limits of observational studies Paediatr Perinat Epidemiol, 25(6), 500-6	Outcome
1358	Kramer, M. S.,Guo, T.,Platt, R. W.,Sevkovskaya, Z.,Dzikovich, I.,Collet, J. P.,Shapiro, S.,Chalmers, B.,Hodnett, E.,Vanilovich, I.,Mezen, I.,Ducruet, T.,Shishko, G.,Bogdanovich, N. (2003). Infant growth and health outcomes associated with 3 compared with 6 mo of exclusive breastfeeding Am J Clin Nutr, 78(2), 291-5	Outcome
1359	Kramer, M. S.,Guo, T.,Platt, R. W.,Shapiro, S.,Collet, J. P.,Chalmers, B.,Hodnett, E.,Sevkovskaya, Z.,Dzikovich, I.,Vanilovich, I. (2002). Breastfeeding and infant growth: biology or bias? Pediatrics, 110(2 Pt 1), 343-7	Outcome
1360	Kramer, M. S.,Guo, T.,Platt, R. W.,Vanilovich, I.,Sevkovskaya, Z.,Dzikovich, I.,Michaelsen, K. F.,Dewey, K. (2004). Feeding effects on growth during infancy J Pediatr, 145(5), 600-5	Intervention/exposure
1361	Kramer, M. S.,Martin, R. M.,Bogdanovich, N.,Vilchuk, K.,Dahhou, M.,Oken, E. (2014). Is restricted fetal growth associated with later adiposity? Observational analysis of a randomized trial Am J Clin Nutr, 100(1), 176-81	Outcome
1362	Kramer, M. S.,Matush, L.,Aboud, F.,Vanilovich, I.,Bogdanovich, N.,Mironova, E. (2007). Long-term child health effects of breastfeeding in developed countries: new evidence from the PROBIT trial [abstract] Journal of human lactation, 23(1), 90	Study design
1363	Kramer, M. S.,Matush, L.,Bogdanovich, N.,Aboud, F.,Mazer, B.,Fombonne, E.,Collet, J. P.,Hodnett, E.,Mironova, E.,Igumnov, S.,Chalmers, B.,Dahhou, M.,Platt, R. W. (2009). Health and development outcomes in 6.5-y-old children breastfed exclusively for 3 or 6 mo Am J Clin Nutr, 90(4), 1070-4	Outcome
1364	Kramer, M. S.,Matush, L.,Bogdanovich, N.,Dahhou, M.,Platt, R. W.,Mazer, B. (2009). The low prevalence of allergic disease in Eastern Europe: are risk factors consistent with the hygiene hypothesis? Clin Exp Allergy, 39(5), 708-16	Intervention/exposure
1365	Kramer, M. S.,Matush, L.,Vanilovich, I.,Platt, R. W.,Bogdanovich, N.,Sevkovskaya, Z.,Dzikovich, I.,Shishko, G.,Collet, J. P.,Martin, R. M.,Davey Smith, G.,Gillman, M. W.,Chalmers, B.,Hodnett, E.,Shapiro, S. (2007). Effects of prolonged and exclusive breastfeeding on child height, weight, adiposity, and blood pressure at age 6.5 y: evidence from a large randomized trial Am J Clin Nutr, 86(6), 1717-21	Outcome
1366	Kramer, M. S.,Matush, L.,Vanilovich, I.,Platt, R. W.,Bogdanovich, N.,Sevkovskaya, Z.,Dzikovich, I.,Shishko, G.,Collet, J. P.,Martin, R. M.,Smith, G. D.,Gillman, M. W.,Chalmers, B.,Hodnett, E.,Shapiro, S. (2009). A randomized breast-feeding promotion intervention did not reduce child obesity in Belarus J Nutr, 139(2), 417S-21S	Study design
1367	Kramer, M. S.,Matush, L.,Vanilovich, I.,Platt, R.,Bogdanovich, N.,Sevkovskaya, Z.,Dzikovich, I.,Shishko, G.,Mazer, B. (2007). Effect of prolonged and exclusive breast feeding on risk of allergy and asthma: cluster randomised trial BMJ, 335(7624), 815	Outcome
1368	Kramer, M. S.,Moodie, E. E.,Dahhou, M.,Platt, R. W. (2011). Breastfeeding and infant size: evidence of reverse causality Am J Epidemiol, 173(9), 978-83	Intervention/exposure
1369	Kramer, M. S.,Moodie, E. E.,Platt, R. W. (2012). Infant feeding and growth: can we answer the causal question? Epidemiology, 23(6), 790-4	Study design
1370	Kramer, M. S.,Moroz, B. (1981). Do breast-feeding and delayed introduction of solid foods protect against subsequent atopic eczema? J Pediatr, 98(4), 546-50	Study design
1371	Kramer, M. S.,Vanilovich, I.,Matush, L.,Bogdanovich, N.,Zhang, X.,Shishko, G.,Muller-Bolla, M.,Platt, R. W. (2007). The effect of prolonged and exclusive breast-feeding on dental caries in early school-age children. New evidence from a large randomized trial Caries Res, 41(6), 484-8	Outcome
1372	Kramer, M.,Matush, L.,Vanilovich, I.,Platt, R.,Mazer, B. (2006). Does breastfeeding help prevent asthma and allergy? Evidence from a randomized trial in Belarus American journal of epidemiology, 163(Suppl 11), S85	Publication status

	Full texts screened	Reason for exclusion
1373	Kramer,,M, S.,Matush,,L,,Vanilovich,,I,,Platt,,R, W.,Bogdanovich,,N,,Sevkovskaya,,Z,,Dzikovich,,I,,Shishko,,G,,Collet,,J, P.,Martin,,R, M.,Davey, Smith,G,,Gillman,,M, W.,Chalmers,,B,,Hodnett,,E,,Shapiro,,S, (2007). Effects of prolonged and exclusive breastfeeding on child height, weight, adiposity, and blood pressure at age 6.5 y: evidence from a large randomized trial Am J Clin Nutr, 86(6), 1717-21	Duplicate
1374	Kraus, J. F.,Greenland, S.,Bulterys, M. (1989). Risk factors for sudden infant death syndrome in the US Collaborative Perinatal Project Int J Epidemiol, 18(1), 113-20	Outcome
1375	Kravetz, R. E. (2003). Infant nursing bottle Am J Gastroenterol, 98(7), 1640	Study design, Outcome
1376	Krebs, N. F.,Hambidge, K. M.,Westcott, J. E.,Miller, L. V.,Sian, L.,Bell, M.,Grunwald, G. (2003). Exchangeable zinc pool size in infants is related to key variables of zinc homeostasis J Nutr, 133(5 Suppl 1), 1498S-501S	Study design, Size of study groups
1377	Krebs, N. F.,Reidinger, C. J.,Robertson, A. D.,Hambidge, K. M. (1994). Growth and intakes of energy and zinc in infants fed human milk J Pediatr, 124(1), 32-9	Intervention/exposure
1378	Krebs, N. F.,Reidinger, C.,Westcott, J.,Miller, L. V.,Fennessey, P. V.,Hambidge, K. M. (1994). Whole body zinc metabolism in full-term breasted and formula fed infants Adv Exp Med Biol, 352(#issue#), 223-6	Study design, Size of study groups
1379	Krebs, N. F.,Westcott, J. E.,Culbertson, D. L.,Sian, L.,Miller, L. V.,Hambidge, K. M. (2012). Comparison of complementary feeding strategies to meet zinc requirements of older breastfed infants Am J Clin Nutr, 96(1), 30-5	Intervention/exposure
1380	Krenz-Niedbala, M.,Puch, E. A.,Koscinski, K. (2011). Season of birth and subsequent body size: the potential role of prenatal vitamin D Am J Hum Biol, 23(2), 190-200	Study design
1381	Krishna, L. M. (1980). Breast feeding and development Public Health, 94(1), 21-4	Study design
1382	Kristiansen, A. L.,Laugsand Lillegaard, I. T.,Frost Andersen, L. (2013). Effect of changes in a food frequency questionnaire: comparing data from two national dietary survey instruments among 12-month-old infants BMC Public Health, 13(#issue#), 680	Study design, Intervention/exposure
1383	Krous, H. F.,Chadwick, A. E.,Stanley, C. (2005). Delayed infant death following catastrophic deterioration during breast-feeding J Paediatr Child Health, 41(4), 215-7	Study design
1384	Kucukcongar A,Oguz A,Pinarli FG,Karadeniz C,Okur A,Kaya Z,Celik B (2015). Breastfeeding and Childhood Cancer: Is Breastfeeding Preventative to Childhood Cancer? Pediatr Hematol Oncol, 32(#issue#), 374-81	Outcome
1385	Küçükçongar, A.,Ołuz, A.,Pinarli, F. G.,Karadeniz, C.,Okur, A.,Kaya, Z.,Çelik, B. (2015). Breastfeeding and Childhood Cancer: Is Breastfeeding Preventative to Childhood Cancer? Pediatric Hematology and Oncology, 32(6), 374-381	Outcome, Duplicate
1386	Kucur, C.,Simsek, E.,Kuduban, O.,Ozbay, I. (2015). Prevalence of and risk factors for otitis media with effusion in primary school children: case control study in Erzurum, Turkey Turk J Pediatr, 57(3), 230-5	Study design, Outcome
1387	Kuhn, T.,Kroke, A.,Remer, T.,Schonau, E.,Buyken, A. E. (2014). Is breastfeeding related to bone properties? A longitudinal analysis of associations between breastfeeding duration and pQCT parameters in children and adolescents Matern Child Nutr, 10(4), 642-9	Intervention/exposure
1388	Kuhnisch, J.,Mach, D.,Thiering, E.,Brockow, I.,Hoffmann, U.,Neumann, C.,Heinrich-Weltzien, R.,Bauer, C. P.,Berdel, D.,von Berg, A.,Koletzko, S.,Garcia-Godoy, F.,Hickel, R.,Heinrich, J. (2014). Respiratory diseases are associated with molar-incisor hypomineralizations Swiss Dent J, 124(3), 286-93	Outcome
1389	Kuiper, S.,Muris, J. W.,Dompeling, E.,Kester, A. D.,Wesseling, G.,Knottnerus, J. A.,van Schayck, C. P. (2007). Interactive effect of family history and environmental factors on respiratory tract-related morbidity in infancy J Allergy Clin Immunol, 120(2), 388-95	Outcome
1390	Kukkonen, A. K.,Savilahti, E. M.,Haahtela, T.,Savilahti, E.,Kuitunen, M. (2011). Ovalbumin-specific immunoglobulins A and G levels at age 2 years are associated with the occurrence of atopic disorders Clin Exp Allergy, 41(10), 1414-21	Intervention/exposure
1391	Kull, I.,Almqvist, C.,Lilja, G.,Pershagen, G.,Wickman, M. (2004). Breast-feeding reduces the risk of asthma during the first 4 years of life J Allergy Clin Immunol, 114(4), 755-60	Outcome

	Full texts screened	Reason for exclusion
1392	Kull, I.,Bohme, M.,Wahlgren, C. F.,Nordvall, L.,Pershagen, G.,Wickman, M. (2005). Breast-feeding reduces the risk for childhood eczema J Allergy Clin Immunol, 116(3), 657-61	Intervention/exposure
1393	Kull, I.,Melen, E.,Alm, J.,Hallberg, J.,Svartengren, M.,van Hage, M.,Pershagen, G.,Wickman, M.,Bergstrom, A. (2010). Breast-feeding in relation to asthma, lung function, and sensitization in young schoolchildren J Allergy Clin Immunol, 125(5), 1013-9	Intervention/exposure
1394	Kull, I.,Wickman, M.,Lilja, G.,Nordvall, S. L.,Pershagen, G. (2002). Breast feeding and allergic diseases in infants-a prospective birth cohort study Arch Dis Child, 87(6), 478-81	Outcome
1395	Kumar, A. (1985). Breast feeding versus bottle feeding J Indian Med Assoc, 83(10), 365-6	Study design
1396	Kumar, V.,Sharma, S.,Khanna, P.,Vanaja, K. (1981). Breast vs bottle feeding-impact on growth in urban infants Indian J Pediatr, 48(392), 271-5	Country
1397	Kumari, S.,Jain, P.,Arora, U.,Pruthi, R. K. (1982). Growth of breast fed infants. A longitudinal study Indian Pediatr, 19(12), 963-8	Country
1398	Kumari, S.,Pruthi, P. K.,Mehra, R.,Sehgal, H. (1985). Breast feeding: physical growth during infancy Indian J Pediatr, 52(414), 73-7	Country
1399	Kuperberg, K.,Evers, S. (2006). Feeding patterns and weight among First Nations children Can J Diet Pract Res, 67(2), 79-84	Intervention/exposure
1400	Kupers, L. K.,L'Abee, C.,Bocca, G.,Stolk, R. P.,Sauer, P. J.,Corpeleijn, E. (2015). Determinants of Weight Gain during the First Two Years of Life--The GECKO Drenthe Birth Cohort PLoS One, 10(7), e0133326	Intervention/exposure
1401	Kuriakose, J. R. (2010). Nutritional status and feeding practices of infants Nurs J India, 101(8), 184-6	Country
1402	Kurugol, Z.,Coker, M.,Coker, C.,Egemen, A.,Ersoz, B. (1997). Comparison of growth, serum prealbumin, transferrin, IgG and amino acids of term infants fed breast mild or formula Turk J Pediatr, 39(2), 195-202	Size of study groups
1403	Kurugol, Z.,Geylani, S.,Karaca, Y.,Umay, F.,Erensoy, S.,Vardar, F.,Bak, M.,Yaprak, I.,Ozkinay, F.,Ozkinay, C. (2003). Rotavirus gastroenteritis among children under five years of age in Izmir, Turkey Turk J Pediatr, 45(4), 290-4	Participant health, Intervention/exposure
1404	Kurugöl, Z.,Geylani, S.,Karaca, Y.,Umay, F.,Erensoy, S.,Vardar, F.,Bak, M.,Yaprak, I.,Özkinay, F.,Özkinay, C. (2003). Rotavirus gastroenteritis among children under five years of age in İzmir, Turkey Turkish Journal of Pediatrics, 45(4), 290-294	Study design, Intervention/exposure
1405	Kurukulaaratchy, R. J.,Matthews, S.,Arshad, S. H. (2006). Relationship between childhood atopy and wheeze: what mediates wheezing in atopic phenotypes? Ann Allergy Asthma Immunol, 97(1), 84-91	Intervention/exposure
1406	Kurzewski, K.,Gardner, J. M. (2005). Breastfeeding patterns among six-week-old term infants at the University Hospital of the West Indies West Indian Med J, 54(1), 28-33	Study design
1407	Kusel, M. M.,Holt, P. G.,de Klerk, N.,Sly, P. D. (2005). Support for 2 variants of eczema J Allergy Clin Immunol, 116(5), 1067-72	Outcome
1408	Kusunoki, T.,Morimoto, T.,Nishikomori, R.,Yasumi, T.,Heike, T.,Mukaida, K.,Fujii, T.,Nakahata, T. (2010). Breastfeeding and the prevalence of allergic diseases in schoolchildren: Does reverse causation matter? Pediatric Allergy and Immunology, 21(1 PART I), 60-66	Study design
1409	Kuyucu, S.,Saraclar, Y.,Tuncer, A.,Sackesen, C.,Adalioglu, G.,Sumbuloglu, V.,Sekerel, B. E. (2004). Determinants of atopic sensitization in Turkish school children: effects of pre- and post-natal events and maternal atopy Pediatr Allergy Immunol, 15(1), 62-71	Study design
1410	Kvaavik, E.,Tell, G. S.,Klepp, K. I. (2005). Surveys of Norwegian youth indicated that breast feeding reduced subsequent risk of obesity J Clin Epidemiol, 58(8), 849-55	Outcome
1411	Kwan, M. L.,Buffler, P. A.,Wiemels, J. L.,Metayer, C.,Selvin, S.,Ducore, J. M.,Block, G. (2005). Breastfeeding patterns and risk of childhood acute lymphoblastic leukaemia Br J Cancer, 93(3), 379-84	Outcome
1412	Kwok, M. K.,Leung, G. M.,Schooling, C. M. (2013). Breast feeding and early adolescent behaviour, self-esteem and depression: Hong Kong's 'Children of 1997' birth cohort Arch Dis Child, 98(11), 887-94	Outcome

	Full texts screened	Reason for exclusion
1413	Kwok, M. K.,Leung, G. M.,Schooling, C. M. (2013). Breastfeeding and adolescent blood pressure: evidence from Hong Kong's "Children of 1997" Birth Cohort Am J Epidemiol, 178(6), 928-36	Outcome
1414	Kwok, M. K.,Schooling, C. M.,Lam, T. H.,Leung, G. M. (2010). Does breastfeeding protect against childhood overweight? Hong Kong's 'Children of 1997' birth cohort Int J Epidemiol, 39(1), 297-305	Outcome
1415	Kyvik, K. O.,Green, A.,Svendsen, A.,Mortensen, K. (1992). Breast feeding and the development of type 1 diabetes mellitus Diabet Med, 9(3), 233-5	Outcome
1416	Labayen, I.,Ortega, F. B.,Ruiz, J. R.,Rodriguez, G.,Jiménez-Pavón, D.,España-Romero, V.,Widhalm, K.,Gottrand, F.,Moreno, L. A. (2015). Breastfeeding attenuates the effect of low birthweight on abdominal adiposity in adolescents: The HELENA study Maternal and Child Nutrition, 11(4), 1036-1040	Study design
1417	Labayen, I.,Ruiz, J. R.,Ortega, F. B.,Loit, H. M.,Harro, J.,Villa, I.,Veidebaum, T.,Sjostrom, M. (2012). Exclusive breastfeeding duration and cardiorespiratory fitness in children and adolescents Am J Clin Nutr, 95(2), 498-505	Study design
1418	Labbok, M. H. (1985). Consequences of breast-feeding for mother and child J Biosoc Sci Suppl, 9(#issue#), 43-54	Study design
1419	Ladd GA (1986). Merlin's molars Cal, 49(#issue#), 14-5, 31	Study design
1420	Laditan, A. A. (1983). Bilateral genu vara in childhood Cent Afr J Med, 29(11), 219-23	Country, Outcome
1421	Ladomenou, F.,Kafatos, A.,Galanakis, E. (2009). Environmental tobacco smoke exposure as a risk factor for infections in infancy Acta Paediatr, 98(7), 1137-41	Intervention/exposure
1422	Ladomenou, F.,Kafatos, A.,Tselentis, Y.,Galanakis, E. (2010). Predisposing factors for acute otitis media in infancy J Infect, 61(1), 49-53	Outcome
1423	Ladomenou, F.,Moschandreas, J.,Kafatos, A.,Tselentis, Y.,Galanakis, E. (2010). Protective effect of exclusive breastfeeding against infections during infancy: a prospective study Arch Dis Child, 95(12), 1004-8	Outcome
1424	Lakhani SA,Chaudhri T,Jansen AA (1983). Human milk and milk formulas for infant feeding East Afr Med J, 60(#issue#), 181-5	Study design
1425	Lakshman, R.,Whittle, F.,Hardeman, W.,Suhrcke, M.,Wilson, E.,Griffin, S.,Ong, K. K. (2015). Effectiveness of a behavioural intervention to prevent excessive weight gain during infancy (The Baby Milk Trial): study protocol for a randomised controlled trial Trials, 16(1), 442	Study design, Intervention/exposure
1426	Lamb, M. M.,Dabelea, D.,Yin, X.,Ogden, L. G.,Klingensmith, G. J.,Rewers, M.,Norris, J. M. (2010). Early-life predictors of higher body mass index in healthy children Ann Nutr Metab, 56(1), 16-22	Outcome
1427	Lamb, M. M.,Simpson, M. D.,Seifert, J.,Scott, F. W.,Rewers, M.,Norris, J. M. (2013). The association between IgG4 antibodies to dietary factors, islet autoimmunity and type 1 diabetes: the Diabetes Autoimmunity Study in the Young PLoS One, 8(2), e57936	Size of study groups, Outcome
1428	Lamichhane, A. P.,Crandell, J. L.,Jaacks, L. M.,Couch, S. C.,Lawrence, J. M.,Mayer-Davis, E. J. (2015). Longitudinal associations of nutritional factors with glycated hemoglobin in youth with type 1 diabetes: the SEARCH Nutrition Ancillary Study Am J Clin Nutr, 101(6), 1278-85	Participant health, Outcomes
1429	Lanari, M.,Adorni, F.,Silvestri, M.,Coscia, A.,Musicco, M. (2011). The multicenter Italian birth cohort study on incidence and determinants of lower respiratory tract infection hospitalization in infants at 33 weeks GA or more: preliminary results Early Hum Dev, 87 Suppl 1(#issue#), S43-6	Intervention/exposure
1430	Lanari, M.,Prinelli, F.,Adorni, F.,Di Santo, S.,Faldella, G.,Silvestri, M.,Musicco, M. (2013). Maternal milk protects infants against bronchiolitis during the first year of life. Results from an Italian cohort of newborns Early Hum Dev, 89 Suppl 1(#issue#), S51-7	Outcome
1431	Lanari, M.,Prinelli, F.,Adorni, F.,Di Santo, S.,Vandini, S.,Silvestri, M.,Musicco, M. (2015). Risk factors for bronchiolitis hospitalization during the first year of life in a multicenter Italian birth cohort Ital J Pediatr, 41(#issue#), 40	Outcome
1432	Lancashire, R. J.,Sorahan, T. (2003). Breastfeeding and childhood cancer risks: OSCC data Br J Cancer, 88(7), 1035-7	Outcome

	Full texts screened	Reason for exclusion
1433	Landaas, S.,Skrede, S.,Steen, J. A. (1981). The levels of serum enzymes, plasma proteins and lipids in normal infants and small children J Clin Chem Clin Biochem, 19(10), 1075-80	Study design
1434	Lande, B.,Andersen, L. F.,Henriksen, T.,Baerug, A.,Johansson, L.,Trygg, K. U.,Bjorneboe, G. E.,Veierod, M. B. (2005). Relations between high ponderal index at birth, feeding practices and body mass index in infancy Eur J Clin Nutr, 59(11), 1241-9	Outcome
1435	Lane, B. J.,Sellen, V. (1986). Bottle caries: a nursing responsibility Can J Public Health, 77(2), 128-30	Study design
1436	Lane, D. M.,McConathy, W. J. (1986). Changes in the serum lipids and apolipoproteins in the first four weeks of life Pediatr Res, 20(4), 332-7	Size of study groups
1437	Langeland, T. (1983). A clinical and immunological study of allergy to hen's egg white. I. A clinical study of egg allergy Clin Allergy, 13(4), 371-82	Intervention/exposure, Outcome
1438	Langman, M. J. (1986). Can epidemiology help us prevent celiac disease? Gastroenterology, 90(2), 489-91	Study design
1439	Langnase, K.,Mast, M.,Danielzik, S.,Spethmann, C.,Muller, M. J. (2003). Socioeconomic gradients in body weight of German children reverse direction between the ages of 2 and 6 years J Nutr, 133(3), 789-96	Outcome
1440	Lanting, C. I.,Fidler, V.,Huisman, M.,Touwen, B. C.,Boersma, E. R. (1994). Neurological differences between 9-year-old children fed breast-milk or formula-milk as babies Lancet, 344(8933), 1319-22	Intervention/exposure
1441	Lanting, C. I.,Patandin, S.,Weisglas-Kuperus, N.,Touwen, B. C.,Boersma, E. R. (1998). Breastfeeding and neurological outcome at 42 months Acta Paediatr, 87(12), 1224-9	Outcome
1442	Laohaviranit L (1985). Milk and health J Med Assoc Thai, 68(#issue#), 326-9	Study design
1443	Lapillonne, A.,Brossard, N.,Claris, O.,Reygrobellet, B.,Salle, B. L. (2000). Erythrocyte fatty acid composition in term infants fed human milk or a formula enriched with a low eicosapentanoic acid fish oil for 4 months Eur J Pediatr, 159(1-2), 49-53	Intervention/exposure, Size of study groups
1444	Lapinleimu, H.,Vukari, J.,Nunikoski, H.,Tuominen, J.,Ronnemaa, T.,Valimaki, I.,Marniemi, J.,Jokinen, E.,Ehnholm, C.,Simell, O. (1997). Impact of gender, apolipoprotein E phenotypes, and diet on serum lipids and lipoproteins in infancy J Pediatr, 131(6), 825-32	Intervention/exposure
1445	Larsson, E. (2001). Sucking, chewing, and feeding habits and the development of crossbite: a longitudinal study of girls from birth to 3 years of age Angle Orthod, 71(2), 116-9	Intervention/exposure, Outcome
1446	Larsson, J.,Aurelius, G.,Nordberg, L.,Rydelius, P.,Zetterström, R. (1999). The role of cumulative observations in identifying children in need of health promotion...including commentary by Glascoe FP Ambulatory Child Health, 5(3), 209-217 9p	Outcome
1447	Larsson, M.,Hagerhed-Engman, L.,Sigsgaard, T.,Janson, S.,Sundell, J.,Bornehag, C. G. (2008). Incidence rates of asthma, rhinitis and eczema symptoms and influential factors in young children in Sweden Acta Paediatr, 97(9), 1210-5	Outcome
1448	Lasekan, J. B.,Ostrom, K. M.,Jacobs, J. R.,Blatter, M. M.,Ndife, L. I.,Gooch, Iii W. M.,Cho, S. (1999). Growth of newborn, term infants fed soy formulas for 1 year Clinical Pediatrics, 38(10), 563-571	Outcome
1449	Laskey, M. A.,de Bono, S.,Smith, E. C.,Prentice, A. (2007). Influence of birth weight and early diet on peripheral bone in premenopausal Cambridge women: a pQCT study J Musculoskelet Neuronal Interact, 7(1), 83	Study design
1450	Lau, Y. L.,Karlberg, J.,Yeung, C. Y. (1995). Prevalence of and factors associated with childhood asthma in Hong Kong Acta Paediatr, 84(7), 820-2	Study design
1451	Laubereau, B.,Brockow, I.,Zirngibl, A.,Koletzko, S.,Gruebl, A.,von Berg, A.,Filipiak-Pittroff, B.,Berdel, D.,Bauer, C. P.,Reinhardt, D.,Heinrich, J.,Wichmann, H. E. (2004). Effect of breast-feeding on the development of atopic dermatitis during the first 3 years of life--results from the GINI-birth cohort study J Pediatr, 144(5), 602-7	Intervention/exposure
1452	Lauer, J. A.,Betran, A. P.,Barros, A. J.,de Onis, M. (2006). Deaths and years of life lost due to suboptimal breast-feeding among children in the developing world: a global ecological risk assessment Public Health Nutr, 9(6), 673-85	Country, Study design

	Full texts screened	Reason for exclusion
1453	Lauritzen, L.,Jorgensen, M. H.,Mikkelsen, T. B.,Skovgaard I, M.,Straarup, E. M.,Olsen, S. F.,Hoy, C. E.,Michaelsen, K. F. (2004). Maternal fish oil supplementation in lactation: effect on visual acuity and n-3 fatty acid content of infant erythrocytes Lipids, 39(3), 195-206	Intervention/exposure
1454	Lauver, M. A.,Hizon, L.,Bulla, A.,Connell, C.,Wagoner, B. (1981). Infant feeding practices: the effect on six month weight J Kans Med Soc, 82(9), 403-6	Size of study groups
1455	Lauzon-Guillain, Bd,Wijndaele, K.,Clark, M.,Acerini, C. L.,Hughes, I. A.,Dunger, D. B.,Wells, J. C.,Ong, K. K. (2012). Breastfeeding and infant temperament at age three months PLoS One, 7(1), e29326	Study design
1456	Lawlor, D. A.,Najman, J. M.,Batty, G. D.,O'Callaghan, M. J.,Williams, G. M.,Bor, W. (2006). Early life predictors of childhood intelligence: findings from the Mater-University study of pregnancy and its outcomes Paediatr Perinat Epidemiol, 20(2), 148-62	Outcome
1457	Lawlor, D. A.,Najman, J. M.,Sterne, J.,Williams, G. M.,Ebrahim, S.,Davey Smith, G. (2004). Associations of parental, birth, and early life characteristics with systolic blood pressure at 5 years of age: findings from the Mater-University study of pregnancy and its outcomes Circulation, 110(16), 2417-23	Intervention/exposure
1458	Lawlor, D. A.,Riddoch, C. J.,Page, A. S.,Andersen, L. B.,Wedderkopp, N.,Harro, M.,Stansbie, D.,Smith, G. D. (2005). Infant feeding and components of the metabolic syndrome: findings from the European Youth Heart Study Arch Dis Child, 90(6), 582-8	Study design, Intervention/exposure
1459	Lawrence, R. A. (1991). Breast-feeding trends: a cause for action Pediatrics, 88(4), 867-8	Study design
1460	Lawrence, R. A. (1992). Can we expect greater intelligence from human milk feedings? Birth, 19(2), 105-6	Study design
1461	Lawrence, R. A. (2001). Promotion of Breastfeeding Intervention Trial (PROBIT) a randomized trial in the Republic of Belarus J Pediatr, 139(1), 164-5	Study design
1462	Layte, R.,Bennett, A.,McCrory, C.,Kearney, J. (2014). Social class variation in the predictors of rapid growth in infancy and obesity at age 3 years Int J Obes (Lond), 38(1), 82-90	Outcome
1463	Lazerov, J.,Ervin, C. (2011). Promoting breastfeeding: breastfeeding and population health Breastfeed Med, 6(#issue#), 305-6	Study design
1464	Leary SD, Lawlor DA, Davey Smith G, Brion MJ, Ness AR. (2015). Behavioural early-life exposures and body composition at age 15 years Nutrition and Diabetes, 5(2), e150	Outcome
1465	Lee, B. (1995). Breastfeeding J R Soc Med, 88(9), 537p-538p	Study design
1466	Lee, H. A.,Kim, Y. J.,Lee, H.,Gwak, H. S.,Hong, Y. S.,Kim, H. S.,Park, E. A.,Cho, S. J.,Ha, E. H.,Park, H. (2015). The preventive effect of breast-feeding for longer than 6 months on early pubertal development among children aged 7-9 years in Korea Public Health Nutr, #volume#(#issue#), 1-8	Study design, Intervention/exposure
1467	Lee, L. C.,Pratt, C. A.,DeLaski-Smith, D.,Karabenick, S. A. (1999). The growth patterns of American-born Chinese infants Nutrition Research, 19(5), 697-708	Size of study groups, Intervention/exposure
1468	Leeson, C. P.,Kattenhorn, M.,Deanfield, J. E.,Lucas, A. (2001). Duration of breast feeding and arterial distensibility in early adult life: population based study BMJ, 322(7287), 643-7	Study design
1469	Legovic, M.,Ostric, L. (1991). The effects of feeding methods on the growth of the jaws in infants ASDC J Dent Child, 58(3), 253-5	Study design
1470	Lemons PK,Kochanczyk M,Lemons JA (1980). Breast-feeding the newborn J Indiana State Med Assoc, 73(#issue#), 373-8	Study design
1471	Lenguerrand, E.,Harding, S. (2010). P46 Ethnic differences in pace of growth between birth and 5 years: results from the millennium cohort study Journal of Epidemiology & Community Health, 64(#issue#), A51-A51 1p	Publication status
1472	Leonard, W. R.,Dewalt, K. M.,Stansbury, J. P.,McCaston, M. K. (2000). Influence of dietary quality on the growth of highland and coastal Ecuadorian children Am J Hum Biol, 12(6), 825-837	Outcome
1473	Lerman, Y.,Slepon, R.,Cohen, D. (1994). Epidemiology of acute diarrheal diseases in children in a high standard of living rural settlement in Israel Pediatr Infect Dis J, 13(2), 116-22	Study design

	Full texts screened	Reason for exclusion
1474	Leung, E. Y.,Au, K. Y.,Cheng, S. S.,Kok, S. Y.,Lui, H. K.,Wong, W. C. (2006). Practice of breastfeeding and factors that affect breastfeeding in Hong Kong Hong Kong Med J, 12(6), 432-6	Outcome
1475	Leung, G. M.,Lam, T. H.,Ho, L. M.,Lau, Y. L. (2005). Health consequences of breast-feeding: doctors' visits and hospitalizations during the first 18 months of life in Hong Kong Chinese infants Epidemiology, 16(3), 328-35	Outcome
1476	Leung, J. Y.,Kwok, M. K.,Leung, G. M.,Schooling, C. M. (2015). Breastfeeding and childhood hospitalizations for asthma and other wheezing disorders Ann Epidemiol, #volume#(#issue#), #Pages#	Outcome
1477	Leung, S. S. F.,Davies, D. P.,Lui, S.,Lo, L.,Yuen, P.,Swaminathan, R. (1988). Iron deficiency is uncommon in healthy Hong Kong infants at 18 months Journal of Tropical Pediatrics, 34(3), 100-103	Intervention/exposure, Outcome
1478	Leung, S. S.,Peng, C. X.,Xu, Y. Y.,Liu, K. M.,Quan, X. J.,Lui, S.,Davies, D. P. (1994). Comparative study of growth of Chinese infants: Hong Kong versus Guangzhou J Trop Pediatr, 40(3), 166-71	Intervention/exposure
1479	Leung, S.,Davies, D. P. (1994). Infant feeding and growth of Chinese infants: birth to 2 years Paediatr Perinat Epidemiol, 8(3), 301-13	Intervention/exposure
1480	Leventakou, V.,Roumeliotaki, T.,Koutra, K.,Vassilaki, M.,Mantzouranis, E.,Bitsios, P.,Kogevinas, M.,Chatzi, L. (2015). Breastfeeding duration and cognitive, language and motor development at 18 months of age: Rhea mother-child cohort in Crete, Greece J Epidemiol Community Health, 69(3), 232-9	Outcome
1481	Leventhal, J. M.,Shapiro, E. D.,Aten, C. B.,Berg, A. T.,Egerter, S. A. (1986). Does breast-feeding protect against infections in infants less than 3 months of age? Pediatrics, 78(5), 896-903	Outcome
1482	Lever, R. (2001). The role of food in atopic eczema J Am Acad Dermatol, 45(1 Suppl), S57-60	Study design
1483	Levine, O. S.,Farley, M.,Harrison, L. H.,Lefkowitz, L.,McGeer, A.,Schwartz, B. (1999). Risk factors for invasive pneumococcal disease in children: a population-based case-control study in North America Pediatrics, 103(3), E28	Study design, Intervention/exposure
1484	Lewando-Hundt, G.,Forman, M. R. (1997). Autonomy, access and care: a study of Palestinian Bedouin of the Negev of Israel Social Sciences in Health, 3(2), 83-95 13p	Intervention/exposure, Outcome
1485	Lewis, J. K. Anderson M. Willeitner A. (2011). Powdered Versus Liquid Human Milk Fortifier: A Blinded, Randomized, Controlled Trial Pediatric Academic Societies Annual Meeting, #volume#(#issue#), #Pages#	Publication status
1486	Lewis, S.,Butland, B.,Strachan, D.,Bynner, J.,Richards, D.,Butler, N.,Britton, J. (1996). Study of the aetiology of wheezing illness at age 16 in two national British birth cohorts Thorax, 51(7), 670-6	Study design, Intervention/exposure
1487	L'Hoir, M. P.,Engelberts, A. C.,van Well, G. T.,Damste, P. H.,Idema, N. K.,Westers, P.,Mellenbergh, G. J.,Wolters, W. H.,Huber, J. (1999). Dummy use, thumb sucking, mouth breathing and cot death Eur J Pediatr, 158(11), 896-901	Outcome
1488	l'Hoir, M. P.,Engelberts, A. C.,van Well, G. T.,Westers, P.,Mellenbergh, G. J.,Wolters, W. H.,Huber, J. (1998). Case-control study of current validity of previously described risk factors for SIDS in The Netherlands Arch Dis Child, 79(5), 386-93	Outcome
1489	Li, C.,Goran, M. I.,Kaur, H.,Nollen, N.,Ahluwalia, J. S. (2007). Developmental trajectories of overweight during childhood: role of early life factors Obesity (Silver Spring), 15(3), 760-71	Outcome
1490	Li, C.,Kaur, H.,Choi, W. S.,Huang, T. T.,Lee, R. E.,Ahluwalia, J. S. (2005). Additive interactions of maternal prepregnancy BMI and breast-feeding on childhood overweight Obes Res, 13(2), 362-71	Outcome
1491	Li, J.,Dykman, R. A.,Jing, H.,Gilchrist, J. M.,Badger, T. M.,Pivik, R. T. (2010). Cortical responses to speech sounds in 3- and 6-month-old infants fed breast milk, milk formula, or soy formula Dev Neuropsychol, 35(6), 762-84	Outcome
1492	Li, L.,Kleinman, K.,Gillman, M. W. (2014). A comparison of confounding adjustment methods with an application to early life determinants of childhood obesity J Dev Orig Health Dis, 5(6), 435-47	Study design, Intervention/exposure
1493	Li, L.,Manor, O.,Power, C. (2004). Early environment and child-to-adult growth trajectories in the 1958 British birth cohort Am J Clin Nutr, 80(1), 185-92	Intervention/exposure

	Full texts screened	Reason for exclusion
1494	Li, L.,Power, C. (2004). Influences on childhood height: comparing two generations in the 1958 British birth cohort Int J Epidemiol, 33(6), 1320-8	Intervention/exposure
1495	Li, N.,Strobino, D.,Ahmed, S.,Minkovitz, C. S. (2011). Is there a healthy foreign born effect for childhood obesity in the United States? Matern Child Health J, 15(3), 310-23	Outcome
1496	Li, R.,Dee, D.,Li, C. M.,Hoffman, H. J.,Grummer-Strawn, L. M. (2014). Breastfeeding and risk of infections at 6 years Pediatrics, 134 Suppl 1(#issue#), S13-20	Outcome
1497	Li, R.,Fein, S. B.,Grummer-Strawn, L. M. (2008). Association of breastfeeding intensity and bottle-emptying behaviors at early infancy with infants' risk for excess weight at late infancy Pediatrics, 122 Suppl 2(#issue#), S77-84	Outcome
1498	Li, R.,Fein, S. B.,Grummer-Strawn, L. M. (2010). Do infants fed from bottles lack self-regulation of milk intake compared with directly breastfed infants? Pediatrics, 125(6), e1386-93	Outcome
1499	Li, R.,Magadia, J.,Fein, S. B.,Grummer-Strawn, L. M. (2012). Risk of bottle-feeding for rapid weight gain during the first year of life Arch Pediatr Adolesc Med, 166(5), 431-6	Outcome
1500	Li, S. C.,Kuo, S. C.,Hsu, Y. Y.,Lin, S. J.,Chen, P. C.,Chen, Y. C. (2010). Effect of Breastfeeding Duration on Infant Growth Until 18 Months of Age: A National Birth Cohort Study Journal of Experimental and Clinical Medicine, 2(4), 165-172	Outcome
1501	Li, Y.,Navia, J. M.,Caufield, P. W. (1994). Colonization by mutans streptococci in the mouths of 3- and 4-year-old Chinese children with or without enamel hypoplasia Arch Oral Biol, 39(12), 1057-62	Study design
1502	Liao, S. L.,Lai, S. H.,Yeh, K. W.,Huang, Y. L.,Yao, T. C.,Tsai, M. H.,Hua, M. C.,Huang, J. L. (2014). Exclusive breastfeeding is associated with reduced cow's milk sensitization in early childhood Pediatr Allergy Immunol, 25(5), 456-61	Outcome
1503	Libraty, D. H.,Capeding, R. Z.,Obcena, A.,Brion, J. D.,Tallo, V. (2013). Breastfeeding During Early Infancy is Associated with a Lower Incidence of Febrile Illnesses Open Pediatr Med Journal, 7(#issue#), 40-41	Country, Outcome
1504	Liebrechts-Akkerman, G.,Lao, O.,Liu, F.,Van Sleuwen, B. E.,Engelberts, A. C.,L'Hoir, M. P.,Tiemeier, H. W.,Kayser, M. (2011). Postnatal parental smoking: An important risk factor for SIDS European Journal of Pediatrics, 170(10), 1281-1291	Outcome
1505	Lima, A. A.,Moore, S. R.,Barboza, M. S., Jr.,Soares, A. M.,Schleupner, M. A.,Newman, R. D.,Sears, C. L.,Nataro, J. P.,Fedorko, D. P.,Wuhib, T.,Schorling, J. B.,Guerrant, R. L. (2000). Persistent diarrhea signals a critical period of increased diarrhea burdens and nutritional shortfalls: a prospective cohort study among children in northeastern Brazil J Infect Dis, 181(5), 1643-51	Outcome
1506	Lin, H.,Sun, L.,Lin, J.,He, J.,Deng, A.,Kang, M.,Zeng, H.,Ma, W.,Zhang, Y. (2014). Protective effect of exclusive breastfeeding against hand, foot and mouth disease BMC Infect Dis, 14(#issue#), 645	Study design, Outcome
1507	Lind, J. N.,Li, R.,Perrine, C. G.,Schieve, L. A. (2014). Breastfeeding and later psychosocial development of children at 6 years of age Pediatrics, 134 Suppl 1(#issue#), S36-41	Outcome
1508	Lindberg, S. M.,Adams, A. K.,Prince, R. J. (2012). Early predictors of obesity and cardiovascular risk among American Indian children Matern Child Health J, 16(9), 1879-86	Intervention/exposure
1509	Lindenberg, C. S.,Artola, R. C.,Estrada, V. J. (1990). Determinants of early infant weaning: a multivariate approach Int J Nurs Stud, 27(1), 35-41	Country
1510	Lindfors, A. T.,Danielsson, L.,Enocksson, E.,Johansson, S. G.,Westin, S. (1992). Allergic symptoms up to 4-6 years of age in children given cow milk neonatally. A prospective study Allergy, 47(3), 207-11	Intervention/exposure
1511	Lindfors, A.,Enocksson, E. (1988). Development of atopic disease after early administration of cow milk formula Allergy, 43(1), 11-6	Intervention/exposure
1512	Linhares Rda, S.,Gigante, D. P.,de Barros, F. C.,Horta, B. L. (2015). Carotid intima-media thickness at age 30, birth weight, accelerated growth during infancy and breastfeeding: a birth cohort study in Southern Brazil PLoS One, 10(1), e0115166	Intervention/exposure
1513	Linhares, A. C.,Gabbay, Y. B.,Freitas, R. B.,da Rosa, E. S.,Mascarenhas, J. D.,Loureiro, E. C. (1989). Longitudinal study of rotavirus infections among children from Belem, Brazil Epidemiol Infect, 102(1), 129-45	Outcome

	Full texts screened	Reason for exclusion
1514	Linneberg, A.,Simonsen, J. B.,Petersen, J.,Stensballe, L. G.,Benn, C. S. (2006). Differential effects of risk factors on infant wheeze and atopic dermatitis emphasize a different etiology J Allergy Clin Immunol, 117(1), 184-9	Intervention/exposure
1515	Lionetti, E.,Castellaneta, S.,Francavilla, R.,Pulvirenti, A.,Tonutti, E.,Amarri, S.,Barbato, M.,Barbera, C.,Barera, G.,Bellantoni, A.,Castellano, E.,Guariso, G.,Limongelli, M. G.,Pellegrino, S.,Polloni, C.,Ughi, C.,Zuin, G.,Fasano, A.,Catassi, C. (2014). Introduction of gluten, HLA status, and the risk of celiac disease in children N Engl J Med, 371(14), 1295-303	Outcome
1516	Lionetti, E.,Castellaneta, S.,Francavilla, R.,Pulvirenti, A.,Tonutti, E.,Amarri, S.,Barbato, M.,Barbera, C.,Barera, G.,Bellantoni, A.,Castellano, E.,Limongelli, M. G.,Pellegrino, S.,Polloni, C.,Ughi, C.,Zuin, G.,Guariso, G.,Fasano, A.,Catassi, C. (2014). Infant feeding pattern, HLA status, and prevalence of celiac disease Digestive and liver disease, 46(#issue#), e75-e76	Publication status
1517	Lionetti, E.,Castellaneta, S.,Pulvirenti, A.,Tonutti, E.,Francavilla, R.,Fasano, A.,Catassi, C. (2012). Prevalence and natural history of potential celiac disease in at-family-risk infants prospectively investigated from birth J Pediatr, 161(5), 908-14	Size of study groups
1518	Lipsman, S.,Dewey, K. G.,Lonnerdal, B. (1985). Breast-feeding among teenage mothers: milk composition, infant growth, and maternal dietary intake J Pediatr Gastroenterol Nutr, 4(3), 426-34	Size of study groups
1519	Litmanovitz, I.,Davidson, K.,Eliakim, A.,Regev, R. H.,Dolfin, T.,Arnon, S.,Bar-Yoseph, F.,Goren, A.,Lifshitz, Y.,Nemet, D. (2013). High Beta-palmitate formula and bone strength in term infants: a randomized, double-blind, controlled trial Calcif Tissue Int, 92(1), 35-41	Study design, Size of study groups, Outcome
1520	Little, R. E.,Lambert, M. D., 3rd,Worthington-Roberts, B.,Ervin, C. H. (1994). Maternal smoking during lactation: relation to infant size at one year of age Am J Epidemiol, 140(6), 544-54	Outcome
1521	Liu, J. (1990). Neglected problem: nursing bottle syndrome Dentistry (Loma Linda), 3(2), 57-8	Study design
1522	Liu, J.,Leung, P.,Yang, A. (2014). Breastfeeding and active bonding protects against children's internalizing behavior problems Nutrients, 6(1), 76-89	Study design, Intervention/exposure
1523	Liu, Y. Q.,Qian, Z.,Wang, J.,Lu, T.,Lin, S.,Zeng, X. W.,Liu, R. Q.,Zhu, Y.,Qin, X. D.,Yuan, P.,Zhou, Y.,Li, M.,Hao, Y. T.,Dong, G. H. (2015). Breastfeeding modifies the effects of environment tobacco smoke exposure on respiratory diseases and symptoms in Chinese children: the Seven Northeast Cities Study Indoor Air, #volume#(#issue#), #Pages#	Study design
1524	Livingstone, V. (2006). Failure to thrive while breastfeeding Breastfeed Med, 1(2), 108-11	Study design
1525	Livny, A.,Assali, R.,Sgan-Cohen, H. D. (2007). Early Childhood Caries among a Bedouin community residing in the eastern outskirts of Jerusalem BMC Public Health, 7(#issue#), 167	Study design
1526	Lnnerdal, B.,Timby, N.,Domellf, M.,Domellf, E.,Hernell, O. (2014). Supplementation of infant formula with milk fat globule membranes improves cognitive performance and reduces infections in formula-fed infants FASEB journal, 28(1 suppl. 1), #Pages#	Publication status
1527	Lo, G. L. (1985). The use of comforters and dental caries in the Singaporean preschool children Singapore Dent J, 10(1), 21-4	Intervention/exposure
1528	Lodge, C. J.,Zaloumis, S.,Lowe, A. J.,Gurrin, L. C.,Matheson, M. C.,Axelrad, C.,Bennett, C. M.,Hill, D. J.,Hosking, C. S.,Svanes, C.,Abramson, M. J.,Allen, K. J.,Dharmage, S. C. (2014). Early-life risk factors for childhood wheeze phenotypes in a high-risk birth cohort J Pediatr, 164(2), 289-94 e1-2	Outcome
1529	Lodinova, R.,Jouja, V.,Vinsova, N.,Vocel, J.,Melkova, J. (1980). New attempts and possibilities in prevention and treatment of intestinal coli-infections in infants Czech Med, 3(1), 47-58	Study design, Outcome
1530	Lodinova-Zadnikova, R.,Tlaskalova, H.,Bartakova, Z. (1991). The antibody response in infants after colonization of the intestine with E. coli O83. Artificial colonization used as a prevention against nosocomial infections Adv Exp Med Biol, 310(#issue#), 329-35	Study design, Size of study groups
1531	Loeb H,Mozin MJ (1983). Prevention of chronic diarrhea: nutritional implications J Pediatr Gastroenterol Nutr, 2 Suppl 1(#issue#), S328-34	Study design, Size of study groups

	Full texts screened	Reason for exclusion
1532	Long, K. Z.,Wood, J. W.,Vasquez Gariby, E.,Weiss, K. M.,Mathewson, J. J.,de la Cabada, F. J.,DuPont, H. L.,Wilson, R. A. (1994). Proportional hazards analysis of diarrhea due to enterotoxigenic Escherichia coli and breast feeding in a cohort of urban Mexican children Am J Epidemiol, 139(2), 193-205	Outcome
1533	Long, K.,Vasquez-Garibay, E.,Mathewson, J.,de la Cabada, J.,DuPont, H. (1999). The impact of infant feeding patterns on infection and diarrheal disease due to enterotoxigenic Escherichia coli Salud Publica Mex, 41(4), 263-70	Intervention/exposure
1534	Long, S. A.,Bugg, K. (2015). Can't we all just get along? J Hum Lact, 31(1), 29-31	Study design
1535	Lonnerdal, B.,Havel, P. J. (2000). Serum leptin concentrations in infants: effects of diet, sex, and adiposity Am J Clin Nutr, 72(2), 484-9	Intervention/exposure
1536	Lonnerdal, B.,Hernell, O. (1994). Iron, zinc, copper and selenium status of breast-fed infants and infants fed trace element fortified milk-based infant formula Acta Paediatr, 83(4), 367-73	Intervention/exposure
1537	Lonnerdal, B.,Hernell, O. (1998). Effects of feeding ultrahigh-temperature (UHT)-treated infant formula with different protein concentrations or powdered formula, as compared with breast-feeding, on plasma amino acids, hematology, and trace element status Am J Clin Nutr, 68(2), 350-6	Outcome
1538	Lonnerdal, B.,Kvistgaard, A. S.,Peerson, J. M.,Donovan, S. M.,Peng, Y. M. (2015). Growth, Nutrition and Cytokine Response of Breast-Fed Infants and Infants Fed Formula with Added Bovine Osteopontin J Pediatr Gastroenterol Nutr, #volume#(#issue#), #Pages#	Intervention/exposure
1539	Lopez Bravo, I. M.,Sepulveda, H.,Valdes, I. (1997). Acute respiratory illnesses in the first 18 months of life Rev Panam Salud Publica, 1(1), 9-17	Outcome
1540	Lopez Bravo, I.,Cabiol, C.,Arcuch, S.,Rivera, E.,Vargas, S. (1984). Breast-feeding, weight gains, diarrhea, and malnutrition in the first year of life Bull Pan Am Health Organ, 18(2), 151-63	Outcome
1541	Lopez Del Valle, L. M.,Singh, G. D.,Feliciano, N.,Machuca Mdel, C. (2006). Associations between a history of breast feeding, malocclusion and parafunctional habits in Puerto Rican children P R Health Sci J, 25(1), 31-4	Study design
1542	López, N.,De Barros-Mazón, S.,Dos Santos Vilela, M. M.,Silva, C. M.,Ribeiro, J. D. (1999). Genetic and environmental influences on atonic immune response in early life Journal of Investigational Allergology and Clinical Immunology, 9(6), 392-398	Outcome
1543	Lopez, N.,de Barros-Mazon, S.,Vilela, M. M.,Silva, C. M.,Ribeiro, J. D. (1999). Genetic and environmental influences on atopic immune response in early life J Investig Allergol Clin Immunol, 9(6), 392-8	Outcome
1544	Lopez-Alarcon, M.,Garcia-Zuniga, P.,Del Prado, M.,Garza, C. (2004). Breastfeeding protects against the anorectic response to infection in infants: possible role of DHA Adv Exp Med Biol, 554(#issue#), 371-4	Size of study groups
1545	Lopez-Alarcon, M.,Garza, C.,del Prado, M.,Garcia-Zuniga, P. A.,Barbosa, L. (2008). Breastfeeding's protection against illness-induced anorexia is mediated partially by docosahexaenoic acid Eur J Clin Nutr, 62(1), 32-8	Size of study groups
1546	Lopez-Alarcon, M.,Villalpando, S.,Fajardo, A. (1997). Breast-feeding lowers the frequency and duration of acute respiratory infection and diarrhea in infants under six months of age J Nutr, 127(3), 436-43	Outcome
1547	Lopez-Lopez, A.,Castellote-Bargallo, A. I.,Campoy-Folgoso, C.,Rivero-Urgel, M.,Tormo-Carnice, R.,Infante-Pina, D.,Lopez-Sabater, M. C. (2001). The influence of dietary palmitic acid triacylglyceride position on the fatty acid, calcium and magnesium contents of at term newborn faeces Early Hum Dev, 65 Suppl(#issue#), S83-94	Size of study groups
1548	Losonsky, G. A.,D'Alessandra de Rimer, H. (1991). Rotavirus specific breast milk antibody in two populations and possible correlates of protection Adv Exp Med Biol, 310(#issue#), 265-9	Study design, Outcome
1549	Louzada, M. L.,Campagnolo, P. D.,Rauber, F.,Vitolo, M. R. (2012). Long-term effectiveness of maternal dietary counseling in a low-income population: a randomized field trial Pediatrics, 129(6), e1477-84	Intervention/exposure

	Full texts screened	Reason for exclusion
1550	Lowe, A. J.,Carlin, J. B.,Bennett, C. M.,Abramson, M. J.,Hosking, C. S.,Hill, D. J.,Dharmage, S. C. (2006). Atopic disease and breast-feeding--cause or consequence? J Allergy Clin Immunol, 117(3), 682-7	Intervention/exposure
1551	Lozoff, B.,Wolf, A. W.,Jimenez, E. (1996). Iron-deficiency anemia and infant development: effects of extended oral iron therapy J Pediatr, 129(3), 382-9	Study design
1552	Lu, R.,Costello, A. (2000). Failure to exclusively breastfeed and the risk of early infant mortality due to infectious disease in poor communities in Lima, Peru J Trop Pediatr, 46(5), 309-11	Outcome
1553	Lubis, I. Z.,Sinuhaji, A. B.,Sebayang, T.,Lubis, M.,Barus, N.,Sutanto, A. H. (1985). Factors influencing the duration of infantile diarrhea Paediatr Indones, 25(9-10), 175-89	Country
1554	Lucas, A.,Boyes, S.,Bloom, S. R.,Aynsley-Green, A. (1981). Metabolic and endocrine responses to a milk feed in six-day-old term infants: differences between breast and cow's milk formula feeding Acta Paediatr Scand, 70(2), 195-200	Study design, Outcome
1555	Lucas, A.,Ewing, G.,Roberts, S. B.,Coward, W. A. (1987). How much energy does the breast fed infant consume and expend? Br Med J (Clin Res Ed), 295(6590), 75-7	Size of study groups
1556	Lucas, A.,Lockton, S.,Davies, P. S. (1992). Randomised trial of a ready-to-feed compared with powdered formula Arch Dis Child, 67(7), 935-9	Study design, Size of study groups
1557	Lucas, A.,Stafford, M.,Morley, R.,Abbott, R.,Stephenson, T.,MacFadyen, U.,Elias-Jones, A.,Clements, H. (1999). Efficacy and safety of long-chain polyunsaturated fatty acid supplementation of infant-formula milk: a randomised trial Lancet, 354(9194), 1948-54	Outcome
1558	Lucas, Ruth F. (2011). Maternal Breastfeeding Experiences and Neonatal Breastfeeding Behaviors of Children Later Diagnosed with Autism #journal#, Ph.D.(#issue#), 152 p-152 p 1p	Publication status
1559	Luccioli, S.,Zhang, Y.,Verrill, L.,Ramos-Valle, M.,Kwegyir-Afful, E. (2014). Infant feeding practices and reported food allergies at 6 years of age Pediatrics, 134 Suppl 1(#issue#), S21-8	Intervention/exposure
1560	Ludvigsson, J. (2003). Cow-milk-free diet during last trimester of pregnancy does not influence diabetes-related autoantibodies in nondiabetic children Ann N Y Acad Sci, 1005(#issue#), 275-8	Outcome
1561	Ludvigsson, J. F.,Mostrom, M.,Ludvigsson, J.,Duchen, K. (2005). Exclusive breastfeeding and risk of atopic dermatitis in some 8300 infants Pediatr Allergy Immunol, 16(3), 201-8	Study design
1562	Lulic-Dukic, O.,Juric, H.,Dukic, W.,Glavina, D. (2001). Factors predisposing to early childhood caries (ECC) in children of pre-school age in the city of Zagreb, Croatia Coll Antropol, 25(1), 297-302	Study design
1563	Lumia, M.,Takkinen, H. M.,Luukkainen, P.,Kaila, M.,Lehtinen-Jacks, S.,Nwaru, B. I.,Tuokkola, J.,Niemela, O.,Haapala, A. M.,Ilonen, J.,Simell, O.,Knip, M.,Veijola, R.,Virtanen, S. M. (2015). Food consumption and risk of childhood asthma Pediatr Allergy Immunol, #volume#(#issue#), #Pages#	Intervention/exposure
1564	Lunardelli, S. E.,Peres, M. A. (2006). Breast-feeding and other mother-child factors associated with developmental enamel defects in the primary teeth of Brazilian children J Dent Child (Chic), 73(2), 70-8	Outcome
1565	Lundberg, G. D. (2008). Does breast-feeding improve child cognitive development? MedGenMed Medscape General Medicine, 10(8), #Pages#	Study design
1566	Lund-Blix, N. A.,Stene, L. C.,Rasmussen, T.,Torjesen, P. A.,Andersen, L. F.,Ronningen, K. S. (2015). Infant feeding in relation to islet autoimmunity and type 1 diabetes in genetically susceptible children: the MIDIA Study Diabetes Care, 38(2), 257-63	Outcome
1567	Lundqvist-Persson, C. (2001). Correlation between level of self-regulation in the newborn infant and developmental status at two years of age Acta Paediatrica, International Journal of Paediatrics, 90(3), 345-350	Size of study groups
1568	Lung, F. W.,Chiang, T. L.,Lin, S. J.,Shu, B. C. (2013). Incinerator pollution and child development in the taiwan birth cohort study Int J Environ Res Public Health, 10(6), 2241-57	Intervention/exposure

	Full texts screened	Reason for exclusion
1569	Luo, R.,Shi, Y.,Zhou, H.,Yue, A.,Zhang, L.,Sylvia, S.,Medina, A.,Rozelle, S. (2014). Anemia and feeding practices among infants in rural Shaanxi Province in China Nutrients, 6(12), 5975-91	Study design
1570	Luo,,R,,Shi,,Y,,Zhou,,H,,Yue,,A,,Zhang,,L,,Sylvia,,S,,Medina,,A,,Rozelle,,S, (2014). Anemia and feeding practices among infants in rural Shaanxi Province in China Nutrients, 6(12), 5975-91	Study design
1571	Luoma, R. (1984). Environmental allergens and morbidity in atopic and non-atopic families Acta Paediatr Scand, 73(4), 448-53	Outcome
1572	Luopajarvi, K.,Savilahti, E.,Virtanen, S. M.,Ilonen, J.,Knip, M.,Akerblom, H. K.,Vaarala, O. (2008). Enhanced levels of cow's milk antibodies in infancy in children who develop type 1 diabetes later in childhood Pediatr Diabetes, 9(5), 434-41	Size of study groups
1573	Lutter, C. K. (2000). Breastfeeding promotion--is its effectiveness supported by scientific evidence and global changes in breastfeeding behaviors? Adv Exp Med Biol, 478(#issue#), 355-68	Publication status
1574	Lyall, J. (1991). Growing problems Nurs Times, 87(24), 22-3	Study design
1575	Ma, D. Q.,Jones, G. (2002). Clinical risk factors but not bone density are associated with prevalent fractures in prepubertal children J Paediatr Child Health, 38(5), 497-500	Study design
1576	Ma, J. Q.,Zhou, L. L.,Hu, Y. Q.,Liu, J. R.,Liu, S. S.,Zhang, J.,Sheng, X. Y. (2012). A summary index of infant and child feeding practices is associated with child growth in urban Shanghai BMC Public Health, 12(#issue#), 568	Intervention/exposure
1577	Maas, T.,Dompeling, E.,Muris, J. W.,Wesseling, G.,Knottnerus, J. A.,van Schayck, O. C. (2011). Prevention of asthma in genetically susceptible children: a multifaceted intervention trial focussed on feasibility in general practice Pediatr Allergy Immunol, 22(8), 794-802	Outcome
1578	MacArthur, A. C.,McBride, M. L.,Spinelli, J. J.,Tamaro, S.,Gallagher, R. P.,Theriault, G. P. (2008). Risk of childhood leukemia associated with vaccination, infection, and medication use in childhood: the Cross-Canada Childhood Leukemia Study Am J Epidemiol, 167(5), 598-606	Outcome
1579	MacDonald, L. D.,Gibson, R. S.,Miles, J. E. (1982). Changes in hair zinc and copper concentrations of breast fed and bottle fed infants during the first six months Acta Paediatr Scand, 71(5), 785-9	Size of study groups
1580	Macdonald, P. D.,Ross, S. R.,Grant, L.,Young, D. (2003). Neonatal weight loss in breast and formula fed infants Arch Dis Child Fetal Neonatal Ed, 88(6), F472-6	Outcome
1581	MacIntyre, E. A.,Karr, C. J.,Koehoorn, M.,Demers, P.,Tamburic, L.,Lencar, C.,Brauer, M. (2010). Otitis media incidence and risk factors in a population-based birth cohort Paediatrics and Child Health, 15(7), 437-442	Outcome
1582	Macoun, E. (2005). The NSW Health Breastfeeding Project N S W Public Health Bull, 16(3-4), 62	Study design
1583	Madar, A. A.,Stene, L. C.,Meyer, H. E. (2009). Vitamin D status among immigrant mothers from Pakistan, Turkey and Somalia and their infants attending child health clinics in Norway Br J Nutr, 101(7), 1052-8	Study design
1584	Madhavapeddi, R.,Ramachandran, P. (1990). Growth and morbidity of breastfed infants whose mothers were using combination pills Breastfeeding Review, 2(2), 66-68 3p	Country
1585	Madhavapeddi, R.,Ramachandran, P. (1993). Growth of urban breastfed infants from low socio-economic group J Trop Pediatr, 39(6), 328-31	Country
1586	Madsen, A. L.,Larnkjaer, A.,Molgaard, C.,Michaelsen, K. F. (2011). IGF-I and IGFBP-3 in healthy 9 month old infants from the SKOT cohort: breastfeeding, diet, and later obesity Growth Horm IGF Res, 21(4), 199-204	Study design, Intervention/exposure
1587	Magalhaes, T. C.,Vieira, S. A.,Priore, S. E.,Ribeiro, A. Q.,Lamounier, J. A.,Franceschini, S. C.,Sant'Ana, L. F. (2012). Exclusive breastfeeding and other foods in the first six months of life: effects on nutritional status and body composition of Brazilian children ScientificWorldJournal, 2012(#issue#), 468581	Intervention/exposure

	Full texts screened	Reason for exclusion
1588	Magana Cardenas, A.,Padilla Gonzalez, L. M.,Garcia de Alba, J. E.,Troyo San Roman, R.,Delgado Becerra, A. (1981). Some epidemiological aspects of maternal breast-feeding in a population entitled to social welfare services in Mexico Bull Pan Am Health Organ, 15(2), 139-47	Outcome
1589	Magnus, M. C.,DeRoo, L. A.,Haberg, S. E.,Magnus, P.,Nafstad, P.,Nystad, W.,London, S. J. (2014). Prospective study of maternal alcohol intake during pregnancy or lactation and risk of childhood asthma: the Norwegian Mother and Child Cohort Study Alcohol Clin Exp Res, 38(4), 1002-11	Intervention/exposure
1590	Magnusson, C. G. (1988). Cord serum IgE in relation to family history and as predictor of atopic disease in early infancy Allergy, 43(4), 241-51	Study design, Outcome
1591	Mai, X. M.,Becker, A. B.,Sellers, E. A.,Liem, J. J.,Kozyrskyj, A. L. (2007). The relationship of breast-feeding, overweight, and asthma in preadolescents J Allergy Clin Immunol, 120(3), 551-6	Intervention/exposure
1592	Maisels, M. J.,Gifford, K. (1983). Breast-feeding, weight loss, and jaundice J Pediatr, 102(1), 117-8	Size of study groups, Intervention/exposure
1593	Majeed, R.,Rajar, U. D.,Shaikh, N.,Majeed, F.,Arain, A. A. (2008). Risk factors associated with childhood asthma J Coll Physicians Surg Pak, 18(5), 299-302	Country
1594	Majorana, A.,Cagetti, M. G.,Bardellini, E.,Amadori, F.,Conti, G.,Strohmenger, L.,Campus, G. (2014). Feeding and smoking habits as cumulative risk factors for early childhood caries in toddlers, after adjustment for several behavioral determinants: a retrospective study BMC Pediatr, 14(#issue#), 45	Outcome
1595	Makela, J.,Linderborg, K.,Niinikoski, H.,Yang, B.,Lagstrom, H. (2013). Breast milk fatty acid composition differs between overweight and normal weight women: the STEPS Study Eur J Nutr, 52(2), 727-35	Intervention/exposure, Outcome
1596	Mäkelä, J.,Vaarno, J.,Kaljonen, A.,Niinikoski, H.,Lagström, H. (2014). Maternal overweight impacts infant feeding patterns - The STEPS Study European Journal of Clinical Nutrition, 68(1), 43-49	Duplicate
1597	Makela, J.,Vaarno, J.,Kaljonen, A.,Niinikoski, H.,Lagstrom, H. (2014). Maternal overweight impacts infant feeding patterns--the STEPS Study Eur J Clin Nutr, 68(1), 43-9	Outcome
1598	Maki, M.,Kallonen, K.,Lahdeaho, M. L.,Visakorpi, J. K. (1988). Changing pattern of childhood coeliac disease in Finland Acta Paediatr Scand, 77(3), 408-12	Study design
1599	Makrides M,Neumann MA,Byard RW,Simmer K,Gibson RA (1994). Fatty acid composition of brain, retina, and erythrocytes in breast- and formula-fed infants Am J Clin Nutr, 60(#issue#), 189-94	Participant health
1600	Makrides, M. (2008). Outcomes for mothers and their babies: do n-3 long-chain polyunsaturated fatty acids and seafoods make a difference? J Am Diet Assoc, 108(10), 1622-6	Study design
1601	Makrides, M.,Gibson, R. A.,Simmer, K. (1993). The effect of dietary fat on the developing brain J Paediatr Child Health, 29(6), 409-10	Study design
1602	Makrides, M.,Hawkes, J. S.,Neumann, M. A.,Gibson, R. A. (2002). Nutritional effect of including egg yolk in the weaning diet of breast-fed and formula-fed infants: a randomized controlled trial Am J Clin Nutr, 75(6), 1084-92	Intervention/exposure
1603	Makrides, M.,Neumann, M. A.,Simmer, K.,Gibson, R. A. (1995). Erythrocyte fatty acids of term infants fed either breast milk, standard formula, or formula supplemented with long-chain polyunsaturates Lipids, 30(10), 941-8	Size of study groups
1604	Makrides, M.,Neumann, M. A.,Simmer, K.,Gibson, R. A. (2000). A critical appraisal of the role of dietary long-chain polyunsaturated fatty acids on neural indices of term infants: a randomized, controlled trial Pediatrics, 105(1 Pt 1), 32-8	Outcome
1605	Makrides, M.,Neumann, M.,Gibson, R. (1997). Breast milk docosahexaenoic acid (DHA) and infant outcomes: a randomised clinical trial Journal of paediatrics and child health, 33(4), A2	Publication status

	Full texts screened	Reason for exclusion
1606	Makrides, M.,Simmer, K.,Goggin, M.,Gibson, R. A. (1993). Erythrocyte docosahexaenoic acid correlates with the visual response of healthy, term infants Pediatr Res, 33(4 Pt 1), 425-7	Study design, Size of study groups
1607	Malcolm, C. A.,McCulloch, D. L.,Montgomery, C.,Shepherd, A.,Weaver, L. T. (2003). Maternal docosahexaenoic acid supplementation during pregnancy and visual evoked potential development in term infants: a double blind, prospective, randomised trial Arch Dis Child Fetal Neonatal Ed, 88(5), F383-90	Intervention/exposure
1608	Malcova, H.,Sumnik, Z.,Drevinek, P.,Venhacova, J.,Lebl, J.,Cinek, O. (2006). Absence of breast-feeding is associated with the risk of type 1 diabetes: a case-control study in a population with rapidly increasing incidence Eur J Pediatr, 165(2), 114-9	Outcome
1609	Malek L,Makrides M (2015). 2.8 Nutrition in pregnancy and lactation World Rev Nutr Diet, 113(#issue#), 127-33	Publication status
1610	Malinowska E,Kaczmarski M,Wasilewska J (2002). Total IgE levels and skin test results in children under three years of age with food hypersensitivity Med Sci Monit, 8(#issue#), Cr280-7	Study design, Intervention/exposure
1611	Mallet, E.,Henocq, A. (1992). Long-term prevention of allergic diseases by using protein hydrolysate formula in at-risk infants J Pediatr, 121(5 Pt 2), S95-100	Outcome
1612	Mallol-Mesnard, N.,Menegaux, F.,Lacour, B.,Hartmann, O.,Frappaz, D.,Doz, F.,Bertozzi, A. I.,Chastagner, P.,Hemon, D.,Clavel, J. (2008). Birth characteristics and childhood malignant central nervous sytem tumors: the ESCALE study (French Society for Childhood Cancer) Cancer Detect Prev, 32(1), 79-86	Outcome
1613	Malloy, M. H.,Berendes, H. (1998). Does breast-feeding influence intelligence quotients at 9 and 10 years of age? Early Hum Dev, 50(2), 209-17	Study design, Intervention/exposure
1614	Manco, M.,Alterio, A.,Bugianesi, E.,Ciampalini, P.,Mariani, P.,Finocchi, M.,Agostoni, C.,Nobili, V. (2011). Insulin dynamics of breast- or formula-fed overweight and obese children Journal of the American College of Nutrition, 30(1), 29-38	Study design
1615	Mandel, E. M.,Doyle, W. J.,Winther, B.,Alper, C. M. (2008). The incidence, prevalence and burden of OM in unselected children aged 1-8 years followed by weekly otoscopy through the "common cold" season Int J Pediatr Otorhinolaryngol, 72(4), 491-9	Outcome
1616	Mandhane, P. J.,Greene, J. M.,Sears, M. R. (2007). Interactions between breast-feeding, specific parental atopy, and sex on development of asthma and atopy J Allergy Clin Immunol, 119(6), 1359-66	Intervention/exposure
1617	Mandic, Z.,Piricki, A. P.,Kenjeric, D.,Hanicar, B.,Tanasic, I. (2011). Breast vs. bottle: differences in the growth of Croatian infants Matern Child Nutr, 7(4), 389-96	Intervention/exposure
1618	Mangskau, K. (1991). Baby bottle tooth decay: a problem affecting young children in North Dakota Northwest Dent, 70(6), 25	Study design
1619	Manjrekar, C.,Vishalakshi, M. P.,Begum, N. J.,Padma, G. N. (1985). Breast feeding ability of undernourished mothers and physical development of their infants during 0-1 year Indian Pediatr, 22(11), 801-9	Country
1620	Mann, K. D.,Tennant, P. W.,Parker, L.,Unwin, N. C.,Pearce, M. S. (2011). The relatively small contribution of birth weight to blood pressure at age 49-51 years in the Newcastle Thousand Families Study J Hypertens, 29(6), 1077-84	Outcome
1621	Maranhao, H. S.,Medeiros, M. C.,Scaletsky, I. C.,Fagundes-Neto, U.,Morais, M. B. (2008). The epidemiological and clinical characteristics and nutritional development of infants with acute diarrhoea, in north-eastern Brazil Ann Trop Med Parasitol, 102(4), 357-65	Intervention/exposure
1622	Marini, A.,Agosti, M.,Motta, G.,Mosca, F. (1996). Effects of a dietary and environmental prevention programme on the incidence of allergic symptoms in high atopic risk infants: three years' follow-up Acta Paediatr Suppl, 414(#issue#), 1-21	Intervention/exposure
1623	Markestad, T. (1983). Effect of season and vitamin D supplementation on plasma concentrations of 25-hydroxyvitamin D in Norwegian infants Acta Paediatr Scand, 72(6), 817-21	Study design, Intervention/exposure
1624	Markestad, T. (1983). Plasma concentrations of 1,25-dihydroxyvitamin D, 24,25-dihydroxyvitamin D, and 25,26-dihydroxyvitamin D in the first year of life J Clin Endocrinol Metab, 57(4), 755-9	Study design

	Full texts screened	Reason for exclusion
1625	Marmot, M. G.,Page, C. M.,Atkins, E.,Douglas, J. W. (1980). Effect of breast-feeding on plasma cholesterol and weight in young adults J Epidemiol Community Health, 34(3), 164-7	Intervention/exposure
1626	Marques, R. C.,Dorea, J. G.,Bernardi, J. V.,Bastos, W. R.,Malm, O. (2008). Maternal fish consumption in the nutrition transition of the Amazon Basin: growth of exclusively breastfed infants during the first 5 years Ann Hum Biol, 35(4), 363-77	Outcome
1627	Marques, R. C.,Dorea, J. G.,Bernardi, J. V.,Bastos, W. R.,Malm, O. (2009). Prenatal and postnatal mercury exposure, breastfeeding and neurodevelopment during the first 5 years Cogn Behav Neurol, 22(2), 134-41	Intervention/exposure
1628	Marques, R. C.,Dorea, J. G.,Leao, R. S.,Dos Santos, V. G.,Bueno, L.,Marques, R. C.,Brandao, K. G.,Palermo, E. F.,Guimaraes, J. R. (2012). Role of methylmercury exposure (from fish consumption) on growth and neurodevelopment of children under 5 years of age living in a transitioning (tin-mining) area of the western Amazon, Brazil Arch Environ Contam Toxicol, 62(2), 341-50	Study design, Intervention/exposure
1629	Marques, R. F.,Taddei, J. A.,Lopez, F. A.,Braga, J. A. (2014). Breastfeeding exclusively and iron deficiency anemia during the first 6 months of age Rev Assoc Med Bras, 60(1), 18-22	Intervention/exposure
1630	Marquis, G. S.,Habicht, J. P. (2000). Breastfeeding and stunting among toddlers in Peru Adv Exp Med Biol, 478(#issue#), 163-72	Publication status
1631	Marquis, G. S.,Habicht, J. P.,Lanata, C. F.,Black, R. E.,Rasmussen, K. M. (1997). Association of breastfeeding and stunting in Peruvian toddlers: an example of reverse causality Int J Epidemiol, 26(2), 349-56	Intervention/exposure
1632	Marquis, G. S.,Habicht, J. P.,Lanata, C. F.,Black, R. E.,Rasmussen, K. M. (1997). Breast milk or animal-product foods improve linear growth of Peruvian toddlers consuming marginal diets Am J Clin Nutr, 66(5), 1102-9	Intervention/exposure
1633	Marriage, B. J.,Buck, R. H.,Goehring, K. C.,Oliver, J. S.,Williams, J. A. (2015). Infants Fed a Lower Calorie Formula With 2'FL Show Growth and 2'FL Uptake Like Breast-Fed Infants J Pediatr Gastroenterol Nutr, 61(6), 649-58	Outcome
1634	Marshall, J. (2013). Infant feeding. 6. Formula feed Pract Midwife, 16(3), 35-8	Study design
1635	Martel, M. J.,Rey, E.,Malo, J. L.,Perreault, S.,Beauchesne, M. F.,Forget, A.,Blais, L. (2009). Determinants of the incidence of childhood asthma: a two-stage case-control study Am J Epidemiol, 169(2), 195-205	Outcome
1636	Martens, P. J.,Romphf, L. (2007). Factors associated with newborn in-hospital weight loss: comparisons by feeding method, demographics, and birthing procedures J Hum Lact, 23(3), 233-41, quiz 242-5	Outcome
1637	Martin FP,Moco S,Montoliu I,Collino S,Da Silva L,Rezzi S,Prieto R,Kussmann M,Inostroza J,Steenhout P (2014). Impact of breast-feeding and high- and low-protein formula on the metabolism and growth of infants from overweight and obese mothers Pediatr Res, 75(#issue#), 535-43	Outcome
1638	Martin, A. J.,Landau, L. I.,Phelan, P. D. (1981). Natural history of allergy in asthmatic children followed to adult life Med J Aust, 2(9), 470-4	Study design, Intervention/exposure
1639	Martin, R. M.,Ben-Shlomo, Y.,Gunnell, D.,Elwood, P.,Yarnell, J. W.,Davey Smith, G. (2005). Breast feeding and cardiovascular disease risk factors, incidence, and mortality: the Caerphilly study J Epidemiol Community Health, 59(2), 121-9	Study design
1640	Martin, R. M.,Ebrahim, S.,Griffin, M.,Davey Smith, G.,Nicolaides, A. N.,Georgiou, N.,Watson, S.,Frankel, S.,Holly, J. M.,Gunnell, D. (2005). Breastfeeding and atherosclerosis: intima-media thickness and plaques at 65-year follow-up of the Boyd Orr cohort Arterioscler Thromb Vasc Biol, 25(7), 1482-8	Intervention/exposure
1641	Martin, R. M.,Gunnell, D.,Pemberton, J.,Frankel, S.,Smith, G. D. (2005). Cohort profile: The Boyd Orr cohort - An historical cohort study based on the 65 year follow-up of the Carnegie Survey of Diet and Health (1937-39) International Journal of Epidemiology, 34(4), 742-749	Study design
1642	Martin, R. M.,Ness, A. R.,Gunnell, D.,Emmett, P.,Davey Smith, G. (2004). Does breast-feeding in infancy lower blood pressure in childhood? The Avon Longitudinal Study of Parents and Children (ALSPAC) Circulation, 109(10), 1259-66	Outcome

	Full texts screened	Reason for exclusion
1643	Martin, R. M.,Patel, R.,Kramer, M. S.,Guthrie, L.,Vilchuck, K.,Bogdanovich, N.,Sergeichick, N.,Gusina, N.,Foo, Y.,Palmer, T.,Rifas-Shiman, S. L.,Gillman, M. W.,Smith, G. D.,Oken, E. (2013). Effects of promoting longer-term and exclusive breastfeeding on adiposity and insulin-like growth factor-I at age 11.5 years: a randomized trial JAMA, 309(10), 1005-13	Outcome
1644	Martin, R. M.,Patel, R.,Kramer, M. S.,Vilchuck, K.,Bogdanovich, N.,Sergeichick, N.,Gusina, N.,Foo, Y.,Palmer, T.,Thompson, J.,Gillman, M. W.,Smith, G. D.,Oken, E. (2014). Effects of promoting longer-term and exclusive breastfeeding on cardiometabolic risk factors at age 11.5 years: a cluster-randomized, controlled trial Circulation, 129(3), 321-9	Outcome
1645	Martin, R. M.,Smith, G. D.,Mangtani, P.,Frankel, S.,Gunnell, D. (2002). Association between breast feeding and growth: the Boyd-Orr cohort study Arch Dis Child Fetal Neonatal Ed, 87(3), F193-201	Study design, Intervention/exposure
1646	Martines, F.,Bentivegna, D.,Maira, E.,Sciacca, V.,Martines, E. (2011). Risk factors for otitis media with effusion: case-control study in Sicilian schoolchildren Int J Pediatr Otorhinolaryngol, 75(6), 754-9	Study design
1647	Martines, F.,Salvago, P.,Ferrara, S.,Messina, G.,Mucia, M.,Plescia, F.,Sireci, F. (2015). Factors influencing the development of otitis media among Sicilian children affected by upper respiratory tract infections Brazilian Journal of Otorhinolaryngology, #volume#(#issue#), #Pages#	Outcome
1648	Martines, J. C.,Ashworth, A.,Kirkwood, B. (1989). Breast-feeding among the urban poor in southern Brazil: reasons for termination in the first 6 months of life Bull World Health Organ, 67(2), 151-61	Outcome
1649	Martines, J. C.,Habicht, J. P.,Ashworth, A.,Kirkwood, B. R. (1994). Weaning in southern Brazil: is there a "weanling's dilemma"? J Nutr, 124(8), 1189-98	Intervention/exposure
1650	Martorell, A.,Plaza, A. M.,Boné, J.,Nevot, S.,García Ara Ma, C.,Echeverria, L.,Alonso, E.,Garde, J.,Vila, B.,Alvaro, M.,Tauler, E.,Hernando, V.,Fernández, M. (2006). Cow's milk protein allergy. A multi-centre study: Clinical and epidemiological aspects Allergologia et Immunopathologia, 34(2), 46-53	Study design, Intervention/exposure
1651	Martorell, R.,O'Gara, C. (1985). Breastfeeding, infant health, and socioeconomic status Med Anthropol, 9(2), 173-81	Country
1652	Mason, J. K.,Harkness, R. A.,Elton, R. A.,Bartholomew, S. (1980). Cot deaths in Edinburgh: infant feeding and socioeconomic factors J Epidemiol Community Health, 34(1), 35-41	Study design, Intervention/exposure
1653	Massoni, A. C.,Chaves, A. M.,Rosenblatt, A.,Sampaio, F. C.,Oliveira, A. F. (2009). Prevalence of enamel defects related to pre-, peri- and postnatal factors in a Brazilian population Community Dent Health, 26(3), 143-9	Study design
1654	Mata, L. (1981). Epidemiologic perspective of diarrheal disease in Costa Rica and current efforts in control, prevention, and research Rev Latinoam Microbiol, 23(2), 109-19	Study design
1655	Mata, L. (1986). Cryptosporidium and other protozoa in diarrheal disease in less developed countries Pediatr Infect Dis, 5(1 Suppl), S117-30	Study design
1656	Mata, L.,Bolanos, H.,Pizarro, D.,Vives, M. (1984). Cryptosporidiosis in children from some highland Costa Rican rural and urban areas Am J Trop Med Hyg, 33(1), 24-9	Study design, Intervention/exposure
1657	Matee MI,Mikx FH,Maselle SY,Van Palenstein Helderman WH (1992). Rampant caries and linear hypoplasia (short communication) Caries Res, 26(#issue#), 205-8	Country
1658	Matheson, M. C.,Erbas, B.,Balasuriya, A.,Jenkins, M. A.,Wharton, C. L.,Tang, M. L.,Abramson, M. J.,Walters, E. H.,Hopper, J. L.,Dharmage, S. C. (2007). Breast-feeding and atopic disease: a cohort study from childhood to middle age J Allergy Clin Immunol, 120(5), 1051-7	Intervention/exposure
1659	Matsuda, I.,Higashi, A.,Ikeda, T.,Uehara, I.,Kuroki, Y. (1984). Effects of zinc and copper content of formulas on growth and on the concentration of zinc and copper in serum and hair J Pediatr Gastroenterol Nutr, 3(3), 421-5	Study design, Size of study groups
1660	Matthews, M. K.,Webber, K.,McKim, E.,Banoub-Baddour, S.,Laryea, M. (1995). Infant feeding practices in Newfoundland and Labrador Can J Public Health, 86(5), 296-300	Outcome

	Full texts screened	Reason for exclusion
1661	Mattos-Graner, R. O.,Zelante, F.,Line, R. C.,Mayer, M. P. (1998). Association between caries prevalence and clinical, microbiological and dietary variables in 1.0 to 2.5-year-old Brazilian children Caries Res, 32(5), 319-23	Study design
1662	Maupome, G.,Karanja, N.,Ritenbaugh, C.,Lutz, T.,Aickin, M.,Becker, T. (2010). Dental caries in American Indian toddlers after a community-based beverage intervention Ethn Dis, 20(4), 444-50	Intervention/exposure
1663	May, R.,Barber, J.,Simpson, T.,Winders, N.,Kuhler, K.,Schroeder, S. (2002). Growth pattern of overweight preschool children in the Siouxland WIC program Am J Hum Biol, 14(6), 769-76	Participant health
1664	May, R.,Kim, D.,Mote-Watson, D. (2013). Change in weight-for-length status during the first three months: relationships to birth weight and implications for metabolic risk Am J Phys Anthropol, 150(1), 5-9	Study design
1665	Mayer, E. J.,Hamman, R. F.,Gay, E. C.,Lezotte, D. C.,Savitz, D. A.,Klingensmith, G. J. (1988). Reduced risk of IDDM among breast-fed children. The Colorado IDDM Registry Diabetes, 37(12), 1625-32	Outcome
1666	Mayer-Davis, E. J.,Dabelea, D.,Crandell, J. L.,Crume, T.,D'Agostino, R. B., Jr.,Dolan, L.,King, I. B.,Lawrence, J. M.,Norris, J. M.,Pihoker, C.,The, N. (2013). Nutritional factors and preservation of C-peptide in youth with recently diagnosed type 1 diabetes: SEARCH Nutrition Ancillary Study Diabetes Care, 36(7), 1842-50	Study design, Outcome, Participant health
1667	Mayer-Davis, E. J.,Dabelea, D.,Lamichhane, A. P.,D'Agostino Jr, R. B.,Liese, A. D.,Thomas, J.,McKeown, R. E.,Hamman, R. F. (2008). Breast-feeding and type 2 diabetes in the youth of three ethnic groups: The SEARCH for diabetes in youth case-control study Diabetes Care, 31(3), 470-475	Outcome
1668	Mayer-Davis, E. J.,Rifas-Shiman, S. L.,Zhou, L.,Hu, F. B.,Colditz, G. A.,Gillman, M. W. (2006). Breast-feeding and risk for childhood obesity: does maternal diabetes or obesity status matter? Diabetes Care, 29(10), 2231-7	Study design
1669	McAllister, J. C.,Lane, A. T.,Buckingham, B. A. (2006). Vitamin D deficiency in the San Francisco Bay Area J Pediatr Endocrinol Metab, 19(3), 205-8	Study design
1670	McCann, M. F.,Moggia, A. V.,Higgins, J. E.,Potts, M.,Becker, C. (1989). The effects of a progestin-only oral contraceptive (levonorgestrel 0.03 mg) on breast-feeding Contraception, 40(6), 635-48	Intervention/exposure
1671	McConnochie, K. M.,Roghmann, K. J. (1986). Breast feeding and maternal smoking as predictors of wheezing in children age 6 to 10 years Pediatr Pulmonol, 2(5), 260-8	Intervention/exposure
1672	McCormick, D. P.,Grady, J. J.,Diego, A.,Matalon, R.,Revai, K.,Patel, J. A.,Han, Y.,Chonmaitree, T. (2011). Acute otitis media severity: association with cytokine gene polymorphisms and other risk factors Int J Pediatr Otorhinolaryngol, 75(5), 708-12	Outcome
1673	McCrory, C.,Layte, R. (2012). Breastfeeding and risk of overweight and obesity at nine-years of age Soc Sci Med, 75(2), 323-30	Study design
1674	McCrory, C.,Murray, A. (2013). The effect of breastfeeding on neuro-development in infancy Matern Child Health J, 17(9), 1680-8	Study design
1675	McCusker, C. (2008). Teaching tolerance: Using the neonatal immune system to prevent allergic asthma Expert Review of Clinical Immunology, 4(4), 429-432	Study design
1676	McDougall, P.,Drewett, R. F.,Hungin, A. P. S.,Wright, C. M. (2009). The detection of early weight faltering at the 6-8-week check and its association with family factors, feeding and behavioural development Archives of Disease in Childhood, 94(7), 549-552	Outcome
1677	McEnery, G.,Rao, K. P. (1986). The effectiveness of antenatal education of Pakistani and Indian women living in this country Child Care Health Dev, 12(6), 385-99	Intervention/exposure
1678	McGowan, E. C.,Bloomberg, G. R.,Gergen, P. J.,Visness, C. M.,Jaffee, K. F.,Sandel, M.,O'Connor, G.,Kattan, M.,Gern, J.,Wood, R. A. (2015). Influence of early-life exposures on food sensitization and food allergy in an inner-city birth cohort J Allergy Clin Immunol, 135(1), 171-8	Outcome
1679	McIntosh, E. D.,De Silva, L. M.,Oates, R. K. (1993). Clinical severity of respiratory syncytial virus group A and B infection in Sydney, Australia Pediatr Infect Dis J, 12(10), 815-9	Participant health

	Full texts screened	Reason for exclusion
1680	McIsaac, K. E.,Moineddin, R.,Matheson, F. I. (2015). Breastfeeding as a means to prevent infant morbidity and mortality in Aboriginal Canadians: A population prevented fraction analysis Can J Public Health, 106(4), e217-22	Study design
1681	McKinney, P. A.,Parslow, R.,Gurney, K. A.,Law, G. R.,Bodansky, H. J.,Williams, R. (1999). Perinatal and neonatal determinants of childhood type 1 diabetes. A case-control study in Yorkshire, U.K Diabetes Care, 22(6), 928-32	Intervention/exposure
1682	McMichael, A. J. (2005). Widening the horizons of 'evidence': Nutrition and disease in ecological perspective South African Journal of Clinical Nutrition, 18(2), 140-148	Study design
1683	McNamara, T. M.,Melnyk, B. M. (2000). The effect of food intake on atopic disease in high-risk infants and young children Pediatric nursing, 26(6), 602-604	Study design
1684	McTeer, H. (2012). Fat, young, and poor: why breastfeeding is a critical weapon in the fight against childhood obesity Breastfeed Med, 7(5), 325-6	Study design
1685	Meador, K. J.,Baker, G. A.,Browning, N.,Clayton-Smith, J.,Combs-Cantrell, D. T.,Cohen, M.,Kalayjian, L. A.,Kanner, A.,Liporace, J. D.,Pennell, P. B.,Privitera, M.,Loring, D. W. (2010). Effects of breastfeeding in children of women taking antiepileptic drugs Neurology, 75(22), 1954-60	Intervention/exposure
1686	Meador, K. J.,Baker, G. A.,Browning, N.,Cohen, M. J.,Bromley, R. L.,Clayton-Smith, J.,Kalayjian, L. A.,Kanner, A.,Liporace, J. D.,Pennell, P. B.,Privitera, M.,Loring, D. W. (2014). Breastfeeding in children of women taking antiepileptic drugs: cognitive outcomes at age 6 years JAMA Pediatr, 168(8), 729-36	Outcome
1687	Meah, S. (2001). A breastfeeding intervention increased breast feeding and reduced GI tract infections and atopic eczema Evidence Based Nursing, #volume#(#issue#), 106-106 1p	Study design
1688	Megeid, F. Y. A.,Bakeit, Z. A. N.,Karim, B. O. I. A. A. (2011). Early introduction of cow's milk and short duration of breastfeeding is associated with increasing risk of juvenile diabetes World Journal of Medical Sciences, 6(2), 54-60	Study design
1689	Megraud, F.,Boudraa, G.,Bessaoud, K.,Bensid, S.,Dabis, F.,Soltana, R.,Touhami, M. (1990). Incidence of Campylobacter infection in infants in western Algeria and the possible protective role of breast feeding Epidemiol Infect, 105(1), 73-8	Study design, Size of study groups
1690	Meinzen-Derr, J. K.,Guerrero, M. L.,Altaye, M.,Ortega-Gallegos, H.,Ruiz-Palacios, G. M.,Morrow, A. L. (2006). Risk of infant anemia is associated with exclusive breast-feeding and maternal anemia in a Mexican cohort J Nutr, 136(2), 452-8	Intervention/exposure
1691	Meinzen-Derr, J. K.,Guerrero, M. L.,Altaye, M.,Ruiz-Palacios, G. M.,Morrow, A. L. (2004). Duration of exclusive breastfeeding and risk of anemia in a cohort of Mexican infants Adv Exp Med Biol, 554(#issue#), 395-8	Intervention/exposure, Publication status
1692	Mellander, M.,Noren, J. G.,Freden, H.,Kjellmer, I. (1982). Mineralization defects in deciduous teeth of low birthweight infants Acta Paediatr Scand, 71(5), 727-33	Participant health, Intervention/exposure
1693	Meloni, T.,Marinaro, A. M.,Mannazzu, M. C.,Ogana, A.,La Vecchia, C.,Negri, E.,Colombo, C. (1997). IDDM and early infant feeding. Sardinian case-control study Diabetes Care, 20(3), 340-2	Outcome
1694	Melville B (1990). The high cost of artificial feeding in Jamaica and its implications for child health West Indian Med J, 39(#issue#), 203-4	Study design
1695	Mendelson, M.,Cloutier, J.,Spence, L.,Sellers, E.,Taback, S.,Dean, H. (2011). Obesity and type 2 diabetes mellitus in a birth cohort of First Nation children born to mothers with pediatric-onset type 2 diabetes Pediatr Diabetes, 12(3 Pt 2), 219-28	Size of study groups, Intervention/exposure
1696	Mendez, M. A.,Torrent, M.,Julvez, J.,Ribas-Fito, N.,Kogevinas, M.,Sunyer, J. (2009). Maternal fish and other seafood intakes during pregnancy and child neurodevelopment at age 4 years Public Health Nutr, 12(10), 1702-10	Outcome
1697	Menihan, C. A.,Phipps, M.,Weitzen, S. (2006). Fetal heart rate patterns and sudden infant death syndrome J Obstet Gynecol Neonatal Nurs, 35(1), 116-22	Intervention/exposure
1698	Mennella, J. A.,Trabulsi, J. C.,Papas, M. A. (2015). Effects of cow milk versus extensive protein hydrolysate formulas on infant cognitive development Amino Acids, #volume#(#issue#), #Pages#	Intervention/exposure

	Full texts screened	Reason for exclusion
1699	Merewood, A.,Mehta, S. D.,Grossman, X.,Chen, T. C.,Mathieu, J.,Holick, M. F.,Bauchner, H. (2012). Vitamin D status among 4-month-old infants in New England: a prospective cohort study J Hum Lact, 28(2), 159-66	Intervention/exposure
1700	Merlob, P.,Aloni, R.,Prager, H.,Jelin, N.,Idel, M.,Kotona, J. (1994). Continued weight loss in the newborn during the third day of life as an indicator of early weaning Israel Journal of Medical Sciences, 30(8), 646-648	Intervention/exposure, Outcome
1701	Merlob, P.,Stahl, B.,Sulkes, J. (2004). Paroxetine during breast-feeding: infant weight gain and maternal adherence to counsel Eur J Pediatr, 163(3), 135-9	Outcome
1702	Merrett, T. G.,Burr, M. L.,Butland, B. K.,Merrett, J.,Miskelly, F. G.,Vaughan Williams, E. (1988). Infant feeding and allergy: 12-month prospective study of 500 babies born into allergic families. Review 53 refs Annals of allergy, 61(6 (Pt 2)), 13-20	Redundant data with another study
1703	Metcalfe, D. D. (1984). Food hypersensitivity J Allergy Clin Immunol, 73(6), 749-62	Study design, Intervention/exposure
1704	Metzger, M. W.,McDade, T. W. (2010). Breastfeeding as obesity prevention in the United States: a sibling difference model Am J Hum Biol, 22(3), 291-6	Outcome
1705	Meyers, A.,Hertzberg, J. (1988). Bottle-feeding and malocclusion: is there an association? Am J Orthod Dentofacial Orthop, 93(2), 149-52	Study design
1706	Micali, N.,Simonoff, E.,Treasure, J. (2009). Infant feeding and weight in the first year of life in babies of women with eating disorders J Pediatr, 154(1), 55-60 e1	Outcome
1707	Michaelsen KF (2015). 1.1 Child growth World Rev Nutr Diet, 113(#issue#), 1-5	Publication status
1708	Michaelsen, K. F. (1997). Nutrition and growth during infancy. The Copenhagen Cohort Study Acta Paediatr Suppl, 420(#issue#), 1-36	Outcome
1709	Michaelsen, K. F. (2015). 2.1 Breastfeeding World Rev Nutr Diet, 113(#issue#), 92-6	Study design
1710	Michaelsen, K. F.,Larnkjaer, A.,Molgaard, C. (2013). Early diet, insulin-like growth factor-1, growth and later obesity #journal#, 106((Michaelsen K.F., kfm@life.ku.dk; Larnkjaer A.; Molgaard C.) Department of Nutrition Exercise and Sports, Faculty of Science, University of Copenhagen, DK-1958 Frederiksberg C, Denmark), 113-118	Publication status
1711	Michaelsen, K. F.,Petersen, S.,Greisen, G.,Thomsen, B. L. (1994). Weight, length, head circumference, and growth velocity in a longitudinal study of Danish infants Dan Med Bull, 41(5), 577-85	Study design, Intervention/exposure
1712	Michel, H.,Olabopo, F.,Wang, L.,Nucci, A.,Greenspan, S. L.,Rajakumar, K. (2015). Determinants of 25-hydroxyvitamin D concentrations in infants and toddlers Current Nutrition and Food Science, 11(2), 124-130	Study design
1713	Michels, K. B.,Willett, W. C.,Graubard, B. I.,Vaidya, R. L.,Cantwell, M. M.,Sansbury, L. B.,Forman, M. R. (2007). A longitudinal study of infant feeding and obesity throughout life course Int J Obes (Lond), 31(7), 1078-85	Intervention/exposure
1714	Michie, C. (2016). Breast feeding could reduce the risk of childhood leukaemias Evid Based Nurs, #volume#(#issue#), #Pages#	Study design
1715	Michie, C. A.,Gilmour, J. (2001). Breast feeding and the risks of viral transmission Arch Dis Child, 84(5), 381-2	Study design
1716	Midodzi, W. K.,Rowe, B. H.,Majaesic, C. M.,Saunders, L. D.,Senthilselvan, A. (2008). Predictors for wheezing phenotypes in the first decade of life Respirology, 13(4), 537-45	Outcome
1717	Midodzi, W. K.,Rowe, B. H.,Majaesic, C. M.,Saunders, L. D.,Senthilselvan, A. (2010). Early life factors associated with incidence of physician-diagnosed asthma in preschool children: results from the Canadian Early Childhood Development cohort study J Asthma, 47(1), 7-13	Outcome
1718	Midtvedt, A. C.,Midtvedt, T. (1992). Production of short chain fatty acids by the intestinal microflora during the first 2 years of human life J Pediatr Gastroenterol Nutr, 15(4), 395-403	Size of study groups, Outcome

	Full texts screened	Reason for exclusion
1719	Midwinter, R. E.,Morris, A. F.,Colley, J. R. (1987). Infant feeding and atopy Arch Dis Child, 62(9), 965-7	Study design, Intervention/exposure
1720	Mihrshahi, S.,Ampon, R.,Webb, K.,Almqvist, C.,Kemp, A. S.,Hector, D.,Marks, G. B. (2007). The association between infant feeding practices and subsequent atopy among children with a family history of asthma Clin Exp Allergy, 37(5), 671-9	Outcome
1721	Mihrshahi, S.,Battistutta, D.,Magarey, A.,Daniels, L. A. (2011). Determinants of rapid weight gain during infancy: baseline results from the NOURISH randomised controlled trial BMC Pediatr, 11(#issue#), 99	Intervention/exposure
1722	Mikiel-Kostyra, K.,Mazur, J. (1999). Hospital policies and their influence on newborn body weight Acta Paediatr, 88(1), 72-5	Study design, Intervention/exposure
1723	Milaat, W. A.,Elassouli, S. M. (1995). Epidemiology of diarrhoea in two major cities in Saudi Arabia J Commun Dis, 27(2), 84-91	Study design, Participant health
1724	Milankov, O.,Bjelica, M.,Savic, R. (2014). What kind of milk can prevent infant's sideropenic anemia--comparative study Med Pregl, 67(5-6), 167-71	Study design, Participant health
1725	Miliku, K.,Voortman, T.,Bakker, H.,Hofman, A.,Franco, O. H.,Jaddoe, V. W. (2015). Infant Breastfeeding and Kidney Function in School-Aged Children Am J Kidney Dis, 66(3), 421-8	Outcome
1726	Miljanovic, O.,Cikota-Aleksic, B.,Likic, D.,Vojvodic, D.,Jovicevic, O.,Magic, Z. (2016). Association of cytokine gene polymorphisms and risk factors with otitis media proneness in children Eur J Pediatr, #volume#(#issue#), #Pages#	Outcome
1727	Millard, A. V.,Graham, M. A. (1985). Abrupt weaning reconsidered: evidence from central Mexico J Trop Pediatr, 31(4), 229-34	Study design, Outcome
1728	Miller, J. E. (2001). Predictors of asthma in young children: does reporting source affect our conclusions? Am J Epidemiol, 154(3), 245-50	Outcome
1729	Miller, M. R.,Seifert, J.,Szabo, N. J.,Clare-Salzler, M.,Rewers, M.,Norris, J. M. (2010). Erythrocyte membrane fatty acid content in infants consuming formulas supplemented with docosahexaenoic acid (DHA) and arachidonic acid (ARA): an observational study Matern Child Nutr, 6(4), 338-46	Intervention/exposure
1730	Mills, A. F. (1990). Surveillance for anaemia: risk factors in patterns of milk intake Arch Dis Child, 65(4), 428-31	Study design, Size of study groups
1731	Mills, R. P. (1987). Persistent middle ear effusions in children with recurrent acute otitis media Clin Otolaryngol Allied Sci, 12(2), 97-101	Participant health
1732	Milner, J. D.,Stein, D. M.,McCarter, R.,Moon, R. Y. (2004). Early infant multivitamin supplementation is associated with increased risk for food allergy and asthma Pediatrics, 114(1), 27-32	Outcome
1733	Milnes, A. R.,Bowden, G. H. (1985). The microflora associated with developing lesions of nursing caries Caries Res, 19(4), 289-97	Study design, Size of study groups
1734	Mimouni-Bloch, A.,Kachevanskaya, A.,Mimouni, F. B.,Shuper, A.,Raveh, E.,Linder, N. (2013). Breastfeeding may protect from developing attention-deficit/hyperactivity disorder Breastfeed Med, 8(4), 363-7	Outcome
1735	Minchin, M. (1987). Infant formula: a mass, uncontrolled trial in perinatal care Birth, 14(1), 25-35	Study design
1736	Minchin, M. (2000). Artificial feeding and risk Pract Midwife, 3(3), 18-20	Study design
1737	Mindru, D. E.,Moraru, E. (2012). Risk factors and their implications in the epidemiology of pediatric obesity Rev Med Chir Soc Med Nat Iasi, 116(3), 739-45	Study design
1738	Minet, J. C.,Bisse, E.,Aebischer, C. P.,Beil, A.,Wieland, H.,Lutschg, J. (2000). Assessment of vitamin B-12, folate, and vitamin B-6 status and relation to sulfur amino acid metabolism in neonates Am J Clin Nutr, 72(3), 751-7	Study design
1739	Miranda, B. H.,Milroy, C. J. (2010). A quick snip - A study of the impact of outpatient tongue tie release on neonatal growth and breastfeeding J Plast Reconstr Aesthet Surg, 63(9), e683-5	Intervention/exposure

	Full texts screened	Reason for exclusion
1740	Miskelly, F. G.,Burr, M. L.,Vaughan-Williams, E.,Fehily, A. M.,Butland, B. K.,Merrett, T. G. (1988). Infant feeding and allergy Arch Dis Child, 63(4), 388-93	Outcome
1741	Misra, S.,Sabui, T. K.,Basu, S.,Pal, N. (2007). A prospective study of rotavirus diarrhea in children under 1 year of age Clin Pediatr (Phila), 46(8), 683-8	Country
1742	Mitchell, E. A.,Blair, P. S. (2012). SIDS prevention: 3000 lives saved but we can do better N Z Med J, 125(1359), 50-7	Study design
1743	Mitchell, E. A.,Esmail, A.,Jones, D. R.,Clements, M. (1996). Do differences in the prevalence of risk factors explain the higher mortality from sudden infant death syndrome in New Zealand compared with the UK? N Z Med J, 109(1030), 352-5	Study design
1744	Mitchell, E. A.,Scragg, R.,Stewart, A. W.,Becroft, D. M.,Taylor, B. J.,Ford, R. P.,Hassall, I. B.,Barry, D. M.,Allen, E. M.,Roberts, A. P. (1991). Results from the first year of the New Zealand cot death study N Z Med J, 104(906), 71-6	Outcome
1745	Mitchell, E. A.,Stewart, A. W.,Scragg, R.,Ford, R. P.,Taylor, B. J.,Becroft, D. M.,Thompson, J. M.,Hassall, I. B.,Barry, D. M.,Allen, E. M.,et al, (1993). Ethnic differences in mortality from sudden infant death syndrome in New Zealand BMJ, 306(6869), 13-6	Study design, Intervention/exposure
1746	Mitchell, E. A.,Thompson, J. M. (2001). Parental reported apnoea, admissions to hospital and sudden infant death syndrome Acta Paediatr, 90(4), 417-22	Study design, Intervention/exposure
1747	Mitchell, E. A.,Tuohy, P. G.,Brunt, J. M.,Thompson, J. M.,Clements, M. S.,Stewart, A. W.,Ford, R. P.,Taylor, B. J. (1997). Risk factors for sudden infant death syndrome following the prevention campaign in New Zealand: a prospective study Pediatrics, 100(5), 835-40	Outcome
1748	Mittal, S. K. (1988). Bowel pattern and weight gain in breast fed infants Indian Pediatr, 25(2), 216-7	Study design
1749	Mittal, S. K.,Kanwar, A.,Varghese, A.,Ramachandran, V. G. (1983). Gut flora in breast and bottle fed infants with and without diarrhea Indian Pediatr, 20(1), 21-6	Country
1750	Miyake, Y.,Tanaka, K.,Sasaki, S.,Kiyohara, C.,Ohya, Y.,Fukushima, W.,Yokoyama, T.,Hirota, Y. (2008). Breastfeeding and the risk of wheeze and asthma in Japanese infants: the Osaka Maternal and Child Health Study Pediatr Allergy Immunol, 19(6), 490-6	Study design
1751	Miyake, Y.,Tanaka, K.,Sasaki, S.,Kiyohara, C.,Ohya, Y.,Fukushima, W.,Yokoyama, T.,Hirota, Y. (2009). Breastfeeding and atopic eczema in Japanese infants: The Osaka Maternal and Child Health Study Pediatr Allergy Immunol, 20(3), 234-41	Outcome
1752	Miyamoto, S.,Murotani, K.,Yanagawa, T.,Kato, A.,Matsunaga, S. (2010). Relationship of low lean body mass with body weight increase until one year of age and current lifestyles in Japanese young women J Hum Ergol (Tokyo), 39(1), 45-51	Study design, Intervention/exposure
1753	Mize, C. E.,Uauy, R.,Kramer, R.,Benser, M.,Allen, S.,Grundy, S. M. (1995). Lipoprotein-cholesterol responses in healthy infants fed defined diets from ages 1 to 12 months: comparison of diets predominant in oleic acid versus linoleic acid, with parallel observations in infants fed a human milk-based diet J Lipid Res, 36(6), 1178-87	Outcome
1754	Mizuno, K.,Ueda, A.,Takeuchi, T. (2002). Effects of different fluids on the relationship between swallowing and breathing during nutritive sucking in neonates Biol Neonate, 81(1), 45-50	Study design, Size of study groups
1755	Modi, N.,Thomas, E. L.,Harrington, T. A.,Uthaya, S.,Dore, C. J.,Bell, J. D. (2006). Determinants of adiposity during preweaning postnatal growth in appropriately grown and growth-restricted term infants Pediatr Res, 60(3), 345-8	Size of study groups
1756	Moimaz, S. A.,Garbin, A. J.,Lima, A. M.,Lolli, L. F.,Saliba, O.,Garbin, C. A. (2014). Longitudinal study of habits leading to malocclusion development in childhood BMC Oral Health, 14(#issue#), 96	Outcome
1757	Mok, J. Y.,Simpson, H. (1982). Outcome of acute lower respiratory tract infection in infants: preliminary report of seven-year follow-up study Br Med J (Clin Res Ed), 285(6338), 333-7	Study design, Size of study groups
1758	Molgaard, C.,Larnkjaer, A.,Mark, A. B.,Michaelsen, K. F. (2011). Are early growth and nutrition related to bone health in adolescence? The Copenhagen Cohort Study of infant nutrition and growth Am J Clin Nutr, 94(6 Suppl), 1865S-1869S	Outcome
1759	Molla, A. M.,Badawi, M. H.,Al-Yaish, S.,Sharma, P.,El-Salam, R. S.,Molla, A. M. (2000). Risk factors for nutritional rickets among children in Kuwait Pediatrics International, 42(3), 280-284	Intervention/exposure

	Full texts screened	Reason for exclusion
1760	Mollborg, P.,Wennergren, G.,Almqvist, P.,Alm, B. (2015). Bed sharing is more common in sudden infant death syndrome than in explained sudden unexpected deaths in infancy Acta Paediatr, 104(8), 777-83	Outcome
1761	Molokhia, E. A.,Perkins, A. (2008). Preventing cancer Prim Care, 35(4), 609-23	Study design
1762	Monobe, H.,Ishibashi, T.,Fujishiro, Y.,Shinogami, M.,Yano, J. (2003). Factors associated with poor outcome in children with acute otitis media Acta Otolaryngol, 123(5), 564-8	Study design
1763	Monson, T. P. (1986). Pediatric viral gastroenteritis Am Fam Physician, 34(1), 95-9	Study design
1764	Montagu, A. (1984). The skin, touch, and human development Clin Dermatol, 2(4), 17-26	Study design
1765	Monte, W. C.,Johnston, C. S.,Roll, L. E. (1994). Bovine serum albumin detected in infant formula is a possible trigger for insulin-dependent diabetes mellitus J Am Diet Assoc, 94(3), 314-6	Study design, Non-human sample
1766	Montefort, S.,Muscat, H. A.,Caruana, S.,Lenicker, H. (2002). Allergic conditions in 5-8-year-old Maltese schoolchildren: prevalence, severity, and associated risk factors [ISAAC] Pediatr Allergy Immunol, 13(2), 98-104	Study design
1767	Monterrosa, E. C.,Frongillo, E. A.,Vasquez-Garibay, E. M.,Romero-Velarde, E.,Casey, L. M.,Willows, N. D. (2008). Predominant breast-feeding from birth to six months is associated with fewer gastrointestinal infections and increased risk for iron deficiency among infants J Nutr, 138(8), 1499-504	Intervention/exposure
1768	Montgomery, S. M.,Ehlin, A.,Sacker, A. (2006). Breast feeding and resilience against psychosocial stress Arch Dis Child, 91(12), 990-4	Outcome
1769	Moodley, A.,Spector, S. A. (2015). Single high-dose vitamin D at birth corrects vitamin D deficiency in infants in Mexico Int J Food Sci Nutr, 66(3), 336-41	Size of study groups, Intervention/exposure
1770	Moon, R. Y.,Tanabe, K. O.,Yang, D. C.,Young, H. A.,Hauck, F. R. (2012). Pacifier use and SIDS: evidence for a consistently reduced risk Maternal and child health journal, 16(3), 609-614	Outcome
1771	Moore, Elizabeth R. (2013). Early Skin-To-Skin Contact for Mothers and Their Healthy Newborn Infants JOGNN: Journal of Obstetric, Gynecologic & Neonatal Nursing, 42(#issue#), S86-S86 1p	Study design
1772	Moore, S. R.,Lima, N. L.,Soares, A. M.,Oria, R. B.,Pinkerton, R. C.,Barrett, L. J.,Guerrant, R. L.,Lima, A. A. (2010). Prolonged episodes of acute diarrhea reduce growth and increase risk of persistent diarrhea in children Gastroenterology, 139(4), 1156-64	Outcome
1773	Moore, W. J.,Midwinter, R. E.,Morris, A. F.,Colley, J. R.,Soothill, J. F. (1985). Infant feeding and subsequent risk of atopic eczema Arch Dis Child, 60(8), 722-6	Size of study groups, Intervention/exposure
1774	Mora Urda, A. I.,Pereira da Silva, R.,Bisi Molina Mdel, C.,Bresciani Salaroli, L.,Montero Lopez Mdel, P. (2015). [RELATIONSHIP BETWEEN PATTERNS OF BREASTFEEDING AND BLOOD PRESSURE IN BRAZILIAN AND SPANISH SCHOOLCHILDREN] Nutr Hosp, 32(4), 1568-75	Language
1775	Moraeus, L.,Lissner, L.,Yngve, A.,Poortvliet, E.,Al-Ansari, U.,Sjoberg, A. (2012). Multi-level influences on childhood obesity in Sweden: societal factors, parental determinants and child's lifestyle Int J Obes (Lond), 36(7), 969-76	Study design, Intervention/exposure
1776	Morale, S. E.,Hoffman, D. R.,Castañeda, Y. S.,Wheaton, D. H.,Burns, R. A.,Birch, E. E. (2005). Duration of long-chain polyunsaturated fatty acids availability in the diet and visual acuity Early Human Development, 81(2), 197-203	Outcome
1777	Morales, E.,Bustamante, M.,Gonzalez, J. R.,Guxens, M.,Torrent, M.,Mendez, M.,Garcia-Esteban, R.,Julvez, J.,Forns, J.,Vrijheid, M.,Molto-Puigmarti, C.,Lopez-Sabater, C.,Estivill, X.,Sunyer, J. (2011). Genetic variants of the FADS gene cluster and ELOVL gene family, colostrums LC-PUFA levels, breastfeeding, and child cognition PLoS One, 6(2), e17181	Size of study groups
1778	Morales, E.,Garcia-Esteban, R.,Guxens, M.,Guerra, S.,Mendez, M.,Molto-Puigmarti, C.,Lopez-Sabater, M. C.,Sunyer, J. (2012). Effects of prolonged breastfeeding and colostrum fatty acids on allergic manifestations and infections in infancy Clin Exp Allergy, 42(6), 918-28	Outcome
1779	Moran, J. R. (1992). Effects of prolonged exposure to partially hydrolyzed milk protein J Pediatr, 121(5 Pt 2), S90-4	Outcome

	Full texts screened	Reason for exclusion
1780	Moreno, M. (2014). Early infant feeding and obesity risk JAMA Pediatr, 168(11), 1084	Study design
1781	Morgan, C.,Davies, L.,Corcoran, F.,Stammers, J.,Colley, J.,Spencer, S. A.,Hull, D. (1998). Fatty acid balance studies in term infants fed formula milk containing long-chain polyunsaturated fatty acids Acta Paediatr, 87(2), 136-42	Size of study groups
1782	Morgan, J. B.,Mumford, P. M. (1980). A follow-up study of nutrition and anthropometry in pre-school children Proc Nutr Soc, 39(1), 5A	Publication status
1783	Morgan, J.,Taylor, A.,Fewtrell, M. (2004). Meat consumption is positively associated with psychomotor outcome in children up to 24 months of age J Pediatr Gastroenterol Nutr, 39(5), 493-8	Outcome
1784	Morin, K. H. (2009). Breastfeeding immediately after birth MCN Am J Matern Child Nurs, 34(1), 63	Study design
1785	Morley, R. (1998). Iron supplemented follow-on formula and growth and development: a randomised trial [abstract] Proc Nutr Soc Aust, 22(#issue#), 288	Publication status
1786	Morley-Peet, P. (1983). Enteropathogenic Escherichia coli Nurs Times, 79(23), 24-7	Study design
1787	Moro, D. (1995). Birthweight and breast feeding of babies born during the war in one municipal area of Sarajevo Eur J Clin Nutr, 49 Suppl 2(#issue#), S37-9	Intervention/exposure, Outcome
1788	Morris, S. S.,Grantham-McGregor, S. M.,Lira, P. I.,Assuncao, A. M.,Ashworth, A. (1999). Effect of breastfeeding and morbidity on the development of low birthweight term babies in Brazil Acta Paediatr, 88(10), 1101-6	Intervention/exposure
1789	Morrow, A. L. (2011). Infant feeding in the 21st century J Pediatr Health Care, 25(3), 195-7	Study design, Outcome
1790	Morrow, A. L.,Guerrero, M. L. (2001). From bioactive substances to research on breast-feeding promotion Adv Exp Med Biol, 501(#issue#), 447-55	Study design, Intervention/exposure
1791	Morrow, A. L.,Reves, R. R.,West, M. S.,Guerrero, M. L.,Ruiz-Palacios, G. M.,Pickering, L. K. (1992). Protection against infection with Giardia lamblia by breast-feeding in a cohort of Mexican infants J Pediatr, 121(3), 363-70	Intervention/exposure
1792	Morrow-Tlucak, M.,Haude, R. H.,Ernhart, C. B. (1988). Breastfeeding and cognitive development in the first 2 years of life Soc Sci Med, 26(6), 635-9	Outcome
1793	Mortensen, E. L.,Michaelsen, K. F.,Sanders, S. A.,Reinisch, J. M. (2002). The association between duration of breastfeeding and adult intelligence JAMA, 287(18), 2365-71	Outcome
1794	Moschonis, G.,Grammatikaki, E.,Manios, Y. (2008). Perinatal predictors of overweight at infancy and preschool childhood: the GENESIS study Int J Obes (Lond), 32(1), 39-47	Study design
1795	Moss, B. G.,Yeaton, W. H. (2014). Early childhood healthy and obese weight status: potentially protective benefits of breastfeeding and delaying solid foods Matern Child Health J, 18(5), 1224-32	Outcome
1796	Mo-Suwan, L.,Junjana, C. (1991). Breast-feeding and infant growth in the first six months J Med Assoc Thai, 74(9), 386-90	Intervention/exposure
1797	Motil, K. J.,Sheng, H. P.,Montandon, C. M.,Wong, W. W. (1997). Human milk protein does not limit growth of breast-fed infants J Pediatr Gastroenterol Nutr, 24(1), 10-7	Size of study groups
1798	Motta, M.,Tincani, A.,Faden, D.,Zinzini, E.,Lojacono, A.,Marchesi, A.,Frassi, M.,Biasini, C.,Zatti, S.,Chirico, G. (2005). Follow-up of infants exposed to hydroxychloroquine given to mothers during pregnancy and lactation J Perinatol, 25(2), 86-9	Size of study groups
1799	Moxley, S.,Avni, G.,Brydon, S.,Kennedy, M. (1998). Breastfeeding and shorter hospital stays Can Nurse, 94(7), 35-9	Study design
1800	Mueller, W. H.,Pollitt, E. (1982). The Bacon Chow study: effects of nutrition supplementation on sibling-sibling anthropometric correlations Hum Biol, 54(3), 455-68	Study design, Intervention/exposure
1801	Mughal, M. Z.,Salama, H.,Greenaway, T.,Laing, I.,Mawer, E. B. (1999). Lesson of the week: florid rickets associated with prolonged breast feeding without vitamin D supplementation Bmj, 318(7175), 39-40	Study design

	Full texts screened	Reason for exclusion
1802	Mughini-Gras, L.,Pijnacker, R.,Heusinkveld, M.,Enserink, R.,Zuidema, R.,Duizer, E.,Kortbeek, T.,van Pelt, W. (2016). Societal Burden and Correlates of Acute Gastroenteritis in Families with Preschool Children Sci Rep, 6(#issue#), 22144	Study design
1803	Muiño, A.,Menezes, A. M. B.,Reichert, F. F.,Duquia, R. P.,Chatkin, M. (2008). Wheezing phenotypes from birth to adolescence: A cohort study in Pelotas, Brazil, 1993-2004 Jornal Brasileiro de Pneumologia, 34(6), 347-355	Intervention/exposure, Outcome
1804	Muirhead, P. (1998). A randomized controlled study of the effect of organised peer support on the duration of breast feeding and the consequences for infant morbidity Personal communication, #volume#(#issue#), #Pages#	Study design
1805	Mukherjee, D.,Stephens, D. (1997). Otitis media with effusion in intellectually disabled children Journal of Audiological Medicine, 6(1), 10-23	Study design, Intervention/exposure
1806	Mukhopadhya, J. (2001). Acute Respiratory Infection among children in an Air Force Community Medical Journal Armed Forces India, 57(4), 309-311	Country
1807	Mukhopadhyay, S.,Lieberman, E. S.,Puopolo, K. M.,Riley, L. E.,Johnson, L. C. (2015). Effect of early-onset sepsis evaluations on in-hospital breastfeeding practices among asymptomatic term neonates Hosp Pediatr, 5(4), 203-10	Outcome
1808	Mulhall AL (1984). Breast feeding: a challenge for midwives World Ir Nurs, 13(#issue#), 8-9	Publication status
1809	Muller, M. (1996). Nursing-bottle syndrome: risk factors ASDC J Dent Child, 63(1), 42-50	Study design
1810	Mulrine, H. M.,Skeaff, S. A.,Ferguson, E. L.,Gray, A. R.,Valeix, P. (2010). Breast-milk iodine concentration declines over the first 6 mo postpartum in iodine-deficient women Am J Clin Nutr, 92(4), 849-56	Size of study groups
1811	Munir M,Mustadjab I,Rampengan TH,Wulur FH (1983). Problem of infant feeding practices: implications for immediate action Paediatr Indones, 23(#issue#), 32-46	Country
1812	Munir, M. (1985). Infantile diarrhoea: breast and bottle feeding compared with special reference to their clinical role Paediatr Indones, 25(5-6), 100-6	Study design, Participant health
1813	Muniz, L. C.,Menezes, A. M.,Assuncao, M. C.,Wehrmeister, F. C.,Martinez-Mesa, J.,Goncalves, H.,Domingues, M. R.,Gigante, D. P.,Horta, B. L.,Barros, F. C. (2015). Breastfeeding and bone mass at the ages of 18 and 30: prospective analysis of live births from the Pelotas (Brazil) 1982 and 1993 cohorts PLoS One, 10(4), e0122759	Outcome
1814	Munns, C. F.,Simm, P. J.,Rodda, C. P.,Garnett, S. P.,Zacharin, M. R.,Ward, L. M.,Geddes, J.,Cherian, S.,Zurynski, Y.,Cowell, C. T. (2012). Incidence of vitamin D deficiency rickets among Australian children: an Australian Paediatric Surveillance Unit study Med J Aust, 196(7), 466-8	Participant health, Intervention/exposure
1815	Murdoch, W. (1980). Breast feeding Cent Afr J Med, 26(4), 95-7	Study design
1816	Murphy RM (1981). The hidden epidemic Can Nurse, 77(#issue#), 42-3	Study design
1817	Murrell, W. G.,Stewart, B. J.,O'Neill, C.,Siarakas, S.,Kariks, S. (1993). Enterotoxigenic bacteria in the sudden infant death syndrome Journal of Medical Microbiology, 39(2), 114-127	Intervention/exposure
1818	Musaad, S. M.,Donovan, S. M.,Fiese, B. H. (2015). Parental perception of child weight in the first two years-of-life: a potential link between infant feeding and preschoolers' diet Appetite, 91(#issue#), 90-100	Study design
1819	Myres AW (1983). The national breast-feeding promotion program. Part 2. Public information phase--a note on its development, distribution and impact Can J Public Health, 74(#issue#), 404-8	Study design, Outcome
1820	Myres AW,Watson J,Harrison C (1981). The national breast-feeding promotion program 1. Professional phase--a note on its development, distribution and impact Can J Public Health, 72(#issue#), 307-11	Study design
1821	Myres, A. W. (1988). Tradition and technology in infant feeding--achieving the best of both worlds Can J Public Health, 79(2), 78-80	Study design
1822	Nafstad, P.,Jaakkola, J. J.,Hagen, J. A.,Botten, G.,Kongerud, J. (1996). Breastfeeding, maternal smoking and lower respiratory tract infections Eur Respir J, 9(12), 2623-9	Outcome

	Full texts screened	Reason for exclusion
1823	Nafstad, P.,Jaakkola, J. J.,Hagen, J. A.,Pedersen, B. S.,Qvigstad, E.,Botten, G.,Kongerud, J. (1997). Weight gain during the first year of life in relation to maternal smoking and breast feeding in Norway J Epidemiol Community Health, 51(3), 261-5	Outcome
1824	Nagahara, K.,Dobashi, K.,Itabashi, K. (2013). Feeding choice has a gender-associated effect on infant growth Pediatr Int, 55(4), 481-7	Intervention/exposure
1825	Nagendra, R.,Viswanatha, S.,Arun Kumar, S.,Krishna Murthy, B.,Venkat Rao, S. (1995). Effect of feeding milk formula containing lactulose to infants on faecal bifidobacterial flora Nutrition Research, 15(1), 15-24	Size of study groups
1826	Naggan, L.,Forman, M. R.,Sarov, B.,Lewando-Hundt, G.,Zangwill, L.,Chang, D.,Berendes, H. W. (1991). The Bedouin Infant Feeding Study: study design and factors influencing the duration of breast feeding Paediatr Perinat Epidemiol, 5(4), 428-44	Outcome
1827	Najada, A. S.,Habashneh, M. S.,Khader, M. (2004). The frequency of nutritional rickets among hospitalized infants and its relation to respiratory diseases J Trop Pediatr, 50(6), 364-8	Study design, Participant health
1828	Nakamura, Y.,Oki, I.,Tanihara, S.,Ojima, T.,Ito, Y.,Yamazaki, O.,Iwama, M.,Tabata, Y.,Katsuyama, K.,Sasai, Y.,Nakagawa, M.,Matsushita, A.,Hossaka, K.,Sato, J.,Hidaka, Y.,Uda, H.,Nakamata, K.,Yanagawa, H. (2000). Relationship between breast milk feeding and atopic dermatitis in children J Epidemiol, 10(2), 74-8	Study design
1829	Nakao H (1988). Nutritional significance of human milk vitamin D in neonatal period Kobe J Med Sci, 34(#issue#), 121-8	Size of study groups
1830	Nakao, R. M. (1988). Effects of an education program on the health and illness profile of rural breast-fed babies Philipp J Nurs, 58(2), 12-8	Country
1831	Nambiar, H. K. (1984). Acute diarrhoeal diseases: a malady in children Nurs J India, 75(8), 179	Study design
1832	Nambiar, Smita,Truby, Helen,Davies, Peter S. W. (2013). Exploring the influence of breastfeeding on abdominal adiposity in young children using the waist to height ratio Nutrition & Dietetics, 70(2), 146-152 7p	Study design
1833	Narayan, N. R.,Mendez-Lagares, G.,Ardeshir, A.,Lu, D.,Van Rompay, K. K.,Hartigan-O'Connor, D. J. (2015). Persistent effects of early infant diet and associated microbiota on the juvenile immune system Gut Microbes, 6(4), 284-9	Non-human sample
1834	Narayanan, I.,Gupta, J. (1989). Human milk and neonatal infections Acta Paediatr Scand Suppl, 351(#issue#), 126-30	Country, Outcome
1835	Narayanan, I.,Prakash, K.,Murthy, N. S.,Gujral, V. V. (1984). Randomised controlled trial of effect of raw and holder pasteurised human milk and of formula supplements on incidence of neonatal infection Lancet, 2(8412), 1111-3	Country
1836	Narayanan, I.,Singh, S.,Mathur, R.,Jain, B. K. (1989). Ear infection and infant feeding practices Indian J Pediatr, 56(3), 399-402	Country
1837	Narchi, H.,Kochiyil, J.,Zayed, R.,Abdulrazzak, W.,Agarwal, M. (2010). Maternal vitamin D status throughout and after pregnancy J Obstet Gynaecol, 30(2), 137-42	Outcome
1838	Narchi, H.,Kochiyil, J.,Zayed, R.,Abdulrazzak, W.,Agarwal, M. (2011). Longitudinal study of vitamin D status in the 1st 6 months of life Ann Trop Paediatr, 31(3), 225-30	Study design, Size of study groups
1839	Narese, F.,Puccio, G.,Mazzucco, W.,Falzone, A.,Venturella, V.,Narese, D.,Capra, E. (2011). Earlier appearance of the ossification center of the femoral head in breast-fed versus formula-fed infants Nutrition, 27(11-12), 1108-11	Study design
1840	Nascimento Souza, Maria Helena,Aparecida Barbosa Nogueira, Josiê Neiber,Domingues Sodré, Vitória Regina (2015). MONITORING THE NUTRITIONAL AND HEALTH STATUS OF CHILDREN WHO ATTEND A COMMUNITY NURSERY Journal of Nursing UFPE / Revista de Enfermagem UFPE, 9(5), 7862-7868 7p	Study design, Intervention/exposure
1841	Nassar, M. F.,Younis, N. T.,El-Arab, S. E.,Fawzi, F. A. (2011). Neuro-developmental outcome and brain-derived neurotrophic factor level in relation to feeding practice in early infancy Matern Child Nutr, 7(2), 188-97	Study design, Size of study groups
1842	Nauta, A. (2012). Specific nutritional concepts & clinical evidence in the management of allergy Asian Pacific Journal of Allergy and Immunology, 30(4 SUPPL), S21-S24	Study design

	Full texts screened	Reason for exclusion
1843	Navarro, J. I.,Sigulem, D. M.,Ferraro, A. A.,Polanco, J. J.,Barros, A. J. (2013). The double task of preventing malnutrition and overweight: a quasi-experimental community-based trial BMC Public Health, 13(#issue#), 212	Intervention/exposure
1844	Nelson, C. M.,Innis, S. M. (1999). Plasma lipoprotein fatty acids are altered by the positional distribution of fatty acids in infant formula triacylglycerols and human milk Am J Clin Nutr, 70(1), 62-9	Size of study groups
1845	Nelson, C. M.,Innis, S. M.,Walsen, P.,Whitfield, M. (2002). Prospective measures of visual and cognitive development in term gestation breast-fed and formula-fed infants to 18 months of age Pediatric research, 2(#issue#), 315a	Publication status
1846	Nelson, E. A.,Yu, L. M.,Wong, D.,Wong, H. Y.,Yim, L. (2004). Rolling over in infants: age, ethnicity, and cultural differences Dev Med Child Neurol, 46(10), 706-9	Size of study groups
1847	Nelson, J. D. (1985). Prevention of gastrointestinal infections Pediatr Infect Dis, 4(4), 431-4	Study design, Intervention/exposure
1848	Nelson, M. C.,Gordon-Larsen, P.,Adair, L. S. (2005). Are adolescents who were breast-fed less likely to be overweight? Analyses of sibling pairs to reduce confounding Epidemiology, 16(2), 247-53	Outcome
1849	Nelson, S. E.,Rogers, R. R.,Ziegler, E. E.,Fomon, S. J. (1989). Gain in weight and length during early infancy Early Hum Dev, 19(4), 223-39	Outcome
1850	Nelson, S.,Albert, J. M.,Soderling, E.,Malik, A.,Curtan, S.,Geng, C.,Milgrom, P. (2014). Increased number of teeth predict acquisition of mutans streptococci in infants Eur J Oral Sci, 122(5), 346-52	Outcome
1851	Nentwich, I.,Michkova, E.,Nevoral, J.,Urbanek, R.,Szepfalusi, Z. (2001). Cow's milk-specific cellular and humoral immune responses and atopy skin symptoms in infants from atopic families fed a partially (pHF) or extensively (eHF) hydrolyzed infant formula Allergy, 56(12), 1144-56	Size of study groups
1852	Nery Cde, G.,Buranello, F. S.,Pereira, C.,Di Francesco, R. C. (2010). Otitis media with effusion and dental occlusion: is there any relationship? Eur J Paediatr Dent, 11(3), 132-6	Participant health, Intervention/exposure
1853	Neutzling, M. B.,Hallal, P. R.,Araujo, C. L.,Horta, B. L.,Vieira Mde, F.,Menezes, A. M.,Victora, C. G. (2009). Infant feeding and obesity at 11 years: prospective birth cohort study Int J Pediatr Obes, 4(3), 143-9	Outcome
1854	Neves, A. B.,Lobo, L. A.,Pinto, K. C.,Pires, E. S.,Requejo, M.,Maia, L. C.,Antonio, A. G. (2015). Comparison between Clinical Aspects and Salivary Microbial Profile of Children with and without Early Childhood Caries: A Preliminary Study J Clin Pediatr Dent, 39(3), 209-14	Study design, Size of study groups
1855	Newburg, D. S.,Ruiz-Palacios, G. M.,Altaye, M.,Chaturvedi, P.,Guerrero, M. L.,Meinzen-Derr, J. K.,Morrow, A. L. (2004). Human milk alphal,2-linked fucosylated oligosaccharides decrease risk of diarrhea due to stable toxin of E. coli in breastfed infants Adv Exp Med Biol, 554(#issue#), 457-61	Intervention/exposure
1856	Newman, J. (1995). How breast milk protects newborns Sci Am, 273(6), 76-9	Study design
1857	Ng, S. C.,Chong, Y. S.,Rauff, M.,Myo, Z. M.,Nurfarah, C.,Deurenberg, P. R. (2004). The influence of breast feeding compared to formula feeding on infant adiposity Ann Acad Med Singapore, 33(5 Suppl), S75	Publication status
1858	Ng, S. C.,Tang, W.,Leong, R. W.,Chen, M.,Ko, Y.,Studd, C.,Niewiadomski, O.,Bell, S.,Kamm, M. A.,de Silva, H. J.,Kasturiratne, A.,Senanayake, Y. U.,Ooi, C. J.,Ling, K. L.,Ong, D.,Goh, K. L.,Hilmi, I.,Ouyang, Q.,Wang, Y. F.,Hu, P.,Zhu, Z.,Zeng, Z.,Wu, K.,Wang, X.,Xia, B.,Li, J.,Pisespongsa, P.,Manatsathit, S.,Aniwan, S.,Simadibrata, M.,Abdullah, M.,Tsang, S. W.,Wong, T. C.,Hui, A. J.,Chow, C. M.,Yu, H. H.,Li, M. F.,Ng, K. K.,Ching, J.,Wu, J. C.,Chan, F. K.,Sung, J. J. (2015). Environmental risk factors in inflammatory bowel disease: a population-based case-control study in Asia-Pacific Gut, 64(7), 1063-71	Intervention/exposure
1859	Ngale, K. M.,Santos, I. S.,Gonzalez-Chica, D. A.,de Barros, A. J.,Matijasevich, A. (2013). Bed-sharing and risk of hospitalisation due to pneumonia and diarrhoea in infancy: the 2004 Pelotas Birth Cohort J Epidemiol Community Health, 67(3), 245-9	Outcome
1860	Ngamphaiboon, J. (2014). Food allergy and wheezing Southeast Asian J Trop Med Public Health, 45 Suppl 1(#issue#), 95-9	Study design

	Full texts screened	Reason for exclusion
1861	Ngamphaiboon, J.,Tansupapol, C.,Chatchatee, P. (2009). The efficacy of partially hydrolyzed formulas for allergy prevention in children under five years Asian Biomedicine, 3(3), 245-254	Outcome
1862	Nguyen, N. D.,Allen, J. R.,Peat, J. K.,Beal, P.,Webster, B. H.,Gaskin, K. J. (2004). Iron status of young Vietnamese children in Australia J Paediatr Child Health, 40(8), 424-9	Study design, Intervention/exposure
1863	Nguyen, N. D.,Allen, J. R.,Peat, J. K.,Schofield, W. N.,Nossar, V.,Eisenbruch, M.,Gaskin, K. J. (2004). Growth and feeding practices of Vietnamese infants in Australia Eur J Clin Nutr, 58(2), 356-62	Intervention/exposure
1864	Nicolai, A.,Nenna, R.,Stefanelli, P.,Carannante, A.,Schiavariello, C.,Pierangeli, A.,Scagnolari, C.,Moretti, C.,Papoff, P.,Bonci, E.,Ferrara, M.,Papasso, S.,Midulla, F. (2013). Bordetella pertussis in infants hospitalized for acute respiratory symptoms remains a concern BMC Infect Dis, 13(#issue#), 526	Size of study groups, OUtcome
1865	Nicoll, A.,Williams, A. (2002). Breast feeding Arch Dis Child, 87(2), 91-2	Study design
1866	Niegel, S.,Ystrom, E.,Hagtvet, K. A.,Vollrath, M. E. (2008). Difficult temperament, breastfeeding, and their mutual prospective effects: the Norwegian Mother and Child Cohort Study J Dev Behav Pediatr, 29(6), 458-62	Intervention/exposure
1867	Nielsen, G. A.,Thomsen, B. L.,Michaelsen, K. F. (1998). Influence of breastfeeding and complementary food on growth between 5 and 10 months Acta Paediatr, 87(9), 911-7	Outcome
1868	Nielsen, S. B.,Reilly, J. J.,Fewtrell, M. S.,Eaton, S.,Grinham, J.,Wells, J. C. (2011). Adequacy of milk intake during exclusive breastfeeding: a longitudinal study Pediatrics, 128(4), e907-14	Outcome
1869	Niemela, A.,Jarvenpaa, A. L. (1996). Is breastfeeding beneficial and maternal smoking harmful to the cognitive development of children? Acta Paediatr, 85(10), 1202-6	Outcome
1870	Niemela, M.,Uhari, M.,Mottonen, M. (1995). A pacifier increases the risk of recurrent acute otitis media in children in day care centers Pediatrics, 96(5 Pt 1), 884-8	Outcome
1871	Nikpour, S.,Rahimian, Sh,Shokrabi, S.,Haghani, H. (2012). Related Factors of Acute Leukemia in Children and the Role of Breast Feeding Iranian Journal of Endocrinology & Metabolism, 14(1), 63-97 35p	Language
1872	Nishimura, M.,Oda, T.,Kariya, N.,Matsumura, S.,Shimono, T. (2008). Using a caries activity test to predict caries risk in early childhood J Am Dent Assoc, 139(1), 63-71	Outcome
1873	Nishimura, T.,Suzue, J.,Kaji, H. (2009). Breastfeeding reduces the severity of respiratory syncytial virus infection among young infants: a multi-center prospective study Pediatr Int, 51(6), 812-6	Outcome
1874	Nnanyelugo, D. O. (1982). Nutritional practices and food intake measurements and their relationship to socio-economic grouping, location and their apparent nutritional adequacy in children Appetite, 3(3), 229-41	Country
1875	Noda, M.,Sato, N.,Tanaka, T. (2015). Growth failure starts from early infancy in children with short stature at age 6 Clinical Pediatric Endocrinology, 24(1), 1-10	Study design
1876	Nolan, L.,Goel, V. (1995). Sociodemographic factors related to breastfeeding in Ontario: results from the Ontario Health Survey Can J Public Health, 86(5), 309-12	Study design
1877	Nommsen-Rivers, L. A. (2004). Does breastfeeding protect against infant mortality in the United States? J Hum Lact, 20(3), 357-8	Study design
1878	Nossar, V.,Hudson, D. (2001). Improving health outcomes for children by home visiting Medicine Today, 2(8), 135-136	Study design
1879	Nott, S. (1985). Some faults on feeding Midwife Health Visit Community Nurse, 21(6), 201-2	Study design
1880	Novotny, R.,Daida, Y. G.,Grove, J. S.,Acharya, S.,Vogt, T. M. (2003). Formula feeding in infancy is associated with adolescent body fat and earlier menarche Cell Mol Biol (Noisy-le-grand), 49(8), 1289-93	Study design
1881	Novotny, R.,Mata, L. J. (1983). Breast milk consumption in rural Costa Rica Arch Latinoam Nutr, 33(2), 377-86	Size of study groups

	Full texts screened	Reason for exclusion
1882	Nuesslein, T. G.,Beckers, D.,Rieger, C. H. (1999). Cotinine in meconium indicates risk for early respiratory tract infections Hum Exp Toxicol, 18(4), 283-90	Intervention/exposure
1883	Nunes, A. M.,Alves, C. M.,Borba de Araujo, F.,Ortiz, T. M.,Ribeiro, M. R.,Silva, A. A.,Ribeiro, C. C. (2012). Association between prolonged breast-feeding and early childhood caries: a hierarchical approach Community Dent Oral Epidemiol, 40(6), 542-9	Study design
1884	Nwaru, B. I.,Craig, L. C.,Allan, K.,Prabhu, N.,Turner, S. W.,McNeill, G.,Erkkola, M.,Seaton, A.,Devereux, G. (2013). Breastfeeding and introduction of complementary foods during infancy in relation to the risk of asthma and atopic diseases up to 10 years Clin Exp Allergy, 43(11), 1263-73	Outcome
1885	Nwaru, B. I.,Erkkola, M.,Ahonen, S.,Kaila, M.,Haapala, A. M.,Kronberg-Kippila, C.,Salmelin, R.,Veijola, R.,Ilonen, J.,Simell, O.,Knip, M.,Virtanen, S. M. (2010). Age at the introduction of solid foods during the first year and allergic sensitization at age 5 years Pediatrics, 125(1), 50-9	Outcome
1886	Nwaru, B. I.,Takkinen, H. M.,Niemela, O.,Kaila, M.,Erkkola, M.,Ahonen, S.,Haapala, A. M.,Kenward, M. G.,Pekkanen, J.,Lahesmaa, R.,Kere, J.,Simell, O.,Veijola, R.,Ilonen, J.,Hyoty, H.,Knip, M.,Virtanen, S. M. (2013). Timing of infant feeding in relation to childhood asthma and allergic diseases J Allergy Clin Immunol, 131(1), 78-86	Outcome
1887	Nwaru, B. I.,Takkinen, H. M.,Niemela, O.,Kaila, M.,Erkkola, M.,Ahonen, S.,Tuomi, H.,Haapala, A. M.,Kenward, M. G.,Pekkanen, J.,Lahesmaa, R.,Kere, J.,Simell, O.,Veijola, R.,Ilonen, J.,Hyoty, H.,Knip, M.,Virtanen, S. M. (2013). Introduction of complementary foods in infancy and atopic sensitization at the age of 5 years: timing and food diversity in a Finnish birth cohort Allergy, 68(4), 507-16	Outcome
1888	Nylander, G.,Lindemann, R.,Helsing, E.,Bendvold, E. (1991). Unsupplemented breastfeeding in the maternity ward. Positive long-term effects Acta Obstet Gynecol Scand, 70(3), 205-9	Study design, Intervention/exposure
1889	Obel, C.,Henriksen, T. B.,Hedegaard, M.,Secher, N. J.,Ostergaard, J. (1998). Smoking during pregnancy and babbling abilities of the 8-month-old infant Paediatr Perinat Epidemiol, 12(1), 37-48	Intervention/exposure
1890	Ochoa, M. C.,Moreno-Aliaga, M. J.,Martinez-Gonzalez, M. A.,Martinez, J. A.,Marti, A. (2007). Predictor factors for childhood obesity in a Spanish case-control study Nutrition, 23(5), 379-84	Study design
1891	O'Connell, J. M.,Dibley, M. J.,Sierra, J.,Wallace, B.,Marks, J. S.,Yip, R. (1989). Growth of vegetarian children: The Farm Study Pediatrics, 84(3), 475-81	Intervention/exposure
1892	O'Connor, P. A. (1980). Clouds, skin color, and rickets Pediatrics, 66(2), 332	Study design
1893	Oddy, W. H. (2000). Breastfeeding and asthma in children. A prospective cohort study Adv Exp Med Biol, 478(#issue#), 393-4	Publication status
1894	Oddy, W. H. (2000). Breastfeeding and asthma in children: findings from a West Australian study Breastfeed Rev, 8(1), 5-11	Redundant data with another article
1895	Oddy, W. H.,de Klerk, N. H.,Sly, P. D.,Holt, P. G. (2002). The effects of respiratory infections, atopy, and breastfeeding on childhood asthma Eur Respir J, 19(5), 899-905	Outcome
1896	Oddy, W. H.,Halonen, M.,Martinez, F. D.,Lohman, I. C.,Stern, D. A.,Kurzius-Spencer, M.,Guerra, S.,Wright, A. L. (2003). TGF-beta in human milk is associated with wheeze in infancy J Allergy Clin Immunol, 112(4), 723-8	Outcome
1897	Oddy, W. H.,Holt, P. G.,Sly, P. D.,Read, A. W.,Landau, L. I.,Stanley, F. J.,Kendall, G. E.,Burton, P. R. (1999). Association between breast feeding and asthma in 6 year old children: findings of a prospective birth cohort study BMJ, 319(7213), 815-9	Outcome
1898	Oddy, W. H.,Kendall, G. E.,Blair, E.,de Klerk, N. H.,Silburn, S.,Zubrick, S. (2004). Breastfeeding and cognitive development in children Adv Exp Med Biol, 554(#issue#), 365-9	Outcome
1899	Oddy, W. H.,Kendall, G. E.,Blair, E.,De Klerk, N. H.,Stanley, F. J.,Landau, L. I.,Silburn, S.,Zubrick, S. (2003). Breast feeding and cognitive development in childhood: a prospective birth cohort study Paediatr Perinat Epidemiol, 17(1), 81-90	Outcome

	Full texts screened	Reason for exclusion
1900	Oddy, W. H.,Kendall, G. E.,Li, J.,Jacoby, P.,Robinson, M.,de Klerk, N. H.,Silburn, S. R.,Zubrick, S. R.,Landau, L. I.,Stanley, F. J. (2010). The long-term effects of breastfeeding on child and adolescent mental health: a pregnancy cohort study followed for 14 years J Pediatr, 156(4), 568-74	Outcome
1901	Oddy, W. H.,Kickett-Tucker, C.,De Maio, J.,Lawrence, D.,Cox, A.,Silburn, S. R.,Stanley, F. J.,Zubrick, S. R. (2008). The association of infant feeding with parent-reported infections and hospitalisations in the West Australian Aboriginal Child Health Survey Aust N Z J Public Health, 32(3), 207-15	Outcome
1902	Oddy, W. H.,Li, J.,Whitehouse, A. J. O.,Zubrick, S. R.,Malacova, E. (2011). Breastfeeding duration and academic achievement at 10 years Pediatrics, 127(1), e137-e145	Outcome
1903	Oddy, W. H.,Mori, T. A.,Huang, R. C.,Marsh, J. A.,Pennell, C. E.,Chivers, P. T.,Hands, B. P.,Jacoby, P.,Rzehak, P.,Koletzko, B. V.,Beilin, L. J. (2014). Early infant feeding and adiposity risk: From infancy to adulthood Annals of Nutrition and Metabolism, 64(3-4), 262-270	Redundant data with another study
1904	Oddy, W. H.,Peat, J. K.,de Klerk, N. H. (2002). Maternal asthma, infant feeding, and the risk of asthma in childhood J Allergy Clin Immunol, 110(1), 65-7	Intervention/exposure
1905	Oddy, W. H.,Robinson, M.,Kendall, G. E.,Li, J.,Zubrick, S. R.,Stanley, F. J. (2011). Breastfeeding and early child development: a prospective cohort study Acta Paediatr, 100(7), 992-9	Outcome
1906	Oddy, W. H.,Scott, J. A.,Graham, K. I.,Binns, C. W. (2006). Breastfeeding influences on growth and health at one year of age Breastfeed Rev, 14(1), 15-23	Outcome
1907	Oddy, W. H.,Sherriff, J. L.,de Klerk, N. H.,Kendall, G. E.,Sly, P. D.,Beilin, L. J.,Blake, K. B.,Landau, L. I.,Stanley, F. J. (2004). The relation of breastfeeding and body mass index to asthma and atopy in children: a prospective cohort study to age 6 years Am J Public Health, 94(9), 1531-7	Outcome
1908	Oddy, W. H.,Sly, P. D.,de Klerk, N. H.,Landau, L. I.,Kendall, G. E.,Holt, P. G.,Stanley, F. J. (2003). Breast feeding and respiratory morbidity in infancy: a birth cohort study Arch Dis Child, 88(3), 224-8	Outcome
1909	Oddy, W. H.,Smith, G. J.,Jacoby, P. (2014). A possible strategy for developing a model to account for attrition bias in a longitudinal cohort to investigate associations between exclusive breastfeeding and overweight and obesity at 20 years Ann Nutr Metab, 65(2-3), 234-5	Study design, Intervention/exposure
1910	Odelram, H.,Vanto, T.,Jacobsen, L.,Kjellman, N. I. (1996). Whey hydrolysate compared with cow's milk-based formula for weaning at about 6 months of age in high allergy-risk infants: effects on atopic disease and sensitization Allergy, 51(3), 192-5	Intervention/exposure
1911	O'Donovan, S. M.,O'B Hourihane J,Murray, D. M.,Kenny, L. C.,Khashan, A. S.,Chaoimh, C. N.,Irvine, A. D.,Kiely, M. (2015). Neonatal adiposity increases the risk of atopic dermatitis during the first year of life J Allergy Clin Immunol, #volume#(#issue#), #Pages#	Intervention/exposure
1912	Ogawa, K.,Ben, R. A.,Pons, S.,de Paolo, M. I.,Bustos Fernandez, L. (1992). Volatile fatty acids, lactic acid, and pH in the stools of breast-fed and bottle-fed infants J Pediatr Gastroenterol Nutr, 15(3), 248-52	Size of study groups, Outcome
1913	Ogston, S. A.,Florey, C. D.,Walker, C. H. (1987). Association of infant alimentary and respiratory illness with parental smoking and other environmental factors J Epidemiol Community Health, 41(1), 21-5	Outcome
1914	Ohlund, I.,Hornell, A.,Lind, T.,Hernell, O. (2008). Dietary fat in infancy should be more focused on quality than on quantity Eur J Clin Nutr, 62(9), 1058-64	Outcome
1915	Oken, E.,Osterdal, M. L.,Gillman, M. W.,Knudsen, V. K.,Halldorsson, T. I.,Strom, M.,Bellinger, D. C.,Hadders-Algra, M.,Michaelsen, K. F.,Olsen, S. F. (2008). Associations of maternal fish intake during pregnancy and breastfeeding duration with attainment of developmental milestones in early childhood: a study from the Danish National Birth Cohort Am J Clin Nutr, 88(3), 789-96	Outcome
1916	Olaya, G. A.,Lawson, M.,Fewtrell, M. S. (2013). Efficacy and safety of new complementary feeding guidelines with an emphasis on red meat consumption: a randomized trial in Bogota, Colombia Am J Clin Nutr, 98(4), 983-93	Intervention/exposure

	Full texts screened	Reason for exclusion
1917	Oliveira, A. F.,Chaves, A. M.,Rosenblatt, A. (2006). The influence of enamel defects on the development of early childhood caries in a population with low socioeconomic status: a longitudinal study Caries Res, 40(4), 296-302	Intervention/exposure
1918	Oliveira, E. A.,Bertoldi, A. D.,Domingues, M. R.,Santos, I. S.,Barros, A. J. (2012). Factors associated to medicine use among children from the 2004 Pelotas Birth Cohort (Brazil) Rev Saude Publica, 46(3), 487-96	Outcome
1919	Ollila, P.,Larmas, M. (2007). A seven-year survival analysis of caries onset in primary second molars and permanent first molars in different caries risk groups determined at age two years Acta Odontol Scand, 65(1), 29-35	Outcome
1920	Ölmez, S.,Uzamiş, M. (2002). Risk factors of early childhood caries in Turkish children Turkish Journal of Pediatrics, 44(3), 230-236	Study design
1921	Olmez, S.,Uzamis, M.,Erdem, G. (2003). Association between early childhood caries and clinical, microbiological, oral hygiene and dietary variables in rural Turkish children Turk J Pediatr, 45(3), 231-6	Study design
1922	Olson, C. M.,Baker, I. R.,Demment, M. M.,Graham, M. L.,May, J. J.,Strawderman, M. S.,Wells, N. M. (2014). The healthy start partnership: an approach to obesity prevention in young families Fam Community Health, 37(1), 74-85	Intervention/exposure
1923	Ong, K. K.,Ahmed, M. L.,Sherriff, A.,Woods, K. A.,Watts, A.,Golding, J.,Dunger, D. B. (1999). Cord blood leptin is associated with size at birth and predicts infancy weight gain in humans. ALSPAC Study Team. Avon Longitudinal Study of Pregnancy and Childhood J Clin Endocrinol Metab, 84(3), 1145-8	Intervention/exposure
1924	Ong, K. K.,Emmett, P. M.,Noble, S.,Ness, A.,Dunger, D. B. (2006). Dietary energy intake at the age of 4 months predicts postnatal weight gain and childhood body mass index Pediatrics, 117(3), e503-8	Intervention/exposure
1925	Ong, K. K.,Preece, M. A.,Emmett, P. M.,Ahmed, M. L.,Dunger, D. B. (2002). Size at birth and early childhood growth in relation to maternal smoking, parity and infant breast-feeding: longitudinal birth cohort study and analysis Pediatr Res, 52(6), 863-7	Outcome
1926	Oppitz, I. N.,Cesar, J. A.,Neumann, N. A. (2014). Overweight among children under five years of age in municipalities of the semiarid region Rev Bras Epidemiol, 17(4), 860-72	Study design
1927	Orakzai, S. A.,Siddiqui, K. A.,Ayub, M.,Saeed, A. K. (1987). Serum proteins in infants J Pak Med Assoc, 37(10), 251-5	Study design
1928	Orivuori, L.,Loss, G.,Roduit, C.,Dalphin, J. C.,Depner, M.,Genuneit, J.,Lauener, R.,Pekkanen, J.,Pfefferle, P.,Riedler, J.,Roponen, M.,Weber, J.,von Mutius, E.,Braun-Fahrlander, C.,Vaarala, O. (2014). Soluble immunoglobulin A in breast milk is inversely associated with atopic dermatitis at early age: the PASTURE cohort study Clin Exp Allergy, 44(1), 102-12	Outcome
1929	Orozco, A. C.,Munoz, A. M.,Velasquez, C. M.,Uscategui, R. M.,Parra, M. V.,Patino, F. A.,Manjarres, L. M.,Parra, B. E.,Estrada, A.,Agudelo, G. M. (2014). Variant in CAPN10 gene and environmental factors show evidence of association with excess weight among young people in a Colombian population Biomedica, 34(4), 546-55	Study design
1930	Orr P,McDonald S,Milley D,Brown R (2001). Bronchiolitis in Inuit children from a Canadian central arctic community, 1995-1996 Int J Circumpolar Health, 60(#issue#), 649-58	Outcome
1931	Ortega-Garcia, J. A.,Ferris-Tortajada, J.,Torres-Cantero, A. M.,Soldin, O. P.,Torres, E. P.,Fuster-Soler, J. L.,Lopez-Ibor, B.,Madero-Lopez, L. (2008). Full breastfeeding and paediatric cancer J Paediatr Child Health, 44(1-2), 10-3	Outcome
1932	O'Ryan, M. L.,Lucero, Y.,Rabello, M.,Mamani, N.,Salinas, A. M.,Pena, A.,Torres-Torreti, J. P.,Mejias, A.,Ramilo, O.,Suarez, N.,Reynolds, H. E.,Orellana, A.,Lagomarcino, A. J. (2015). Persistent and transient Helicobacter pylori infections in early childhood Clin Infect Dis, 61(2), 211-8	Outcome
1933	Ostrom, K. M.,Cordle, C. T.,Schaller, J. P.,Winship, T. R.,Thomas, D. J.,Jacobs, J. R.,Blatter, M. M.,Cho, S.,Gooch, W. M., 3rd,Granoff, D. M.,Faden, H.,Pickering, L. K. (2002). Immune status of infants fed soy-based formulas with or without added nucleotides for 1 year: part 1: vaccine responses, and morbidity J Pediatr Gastroenterol Nutr, 34(2), 137-44	Outcome
1934	O'Sullivan, D. M.,Tinanoff, N. (1993). Social and biological factors contributing to caries of the maxillary anterior teeth Pediatr Dent, 15(1), 41-4	Study design

	Full texts screened	Reason for exclusion
1935	Oti-Boateng, P.,Seshadri, R.,Petrick, S.,Gibson, R. A.,Simmer, K. (1998). Iron status and dietary iron intake of 6-24-month-old children in Adelaide J Paediatr Child Health, 34(3), 250-3	Study design
1936	O'Tierney, P. F.,Barker, D. J.,Osmond, C.,Kajantie, E.,Eriksson, J. G. (2009). Duration of breast-feeding and adiposity in adult life J Nutr, 139(2), 422S-5S	Outcome
1937	Ou X,Andres A,Pivik RT,Cleves MA,Snow JH,Ding Z,Badger TM (2015). Voxel-Based Morphometry and fMRI Revealed Differences in Brain Gray Matter in Breastfed and Milk Formula-Fed Children AJNR Am J Neuroradiol, #volume#(#issue#), #Pages#	Study design, Outcome
1938	Ou, X.,Andres, A.,Cleves, M. A.,Pivik, R. T.,Snow, J. H.,Ding, Z.,Badger, T. M. (2014). Sex-specific association between infant diet and white matter integrity in 8-y-old children Pediatr Res, 76(6), 535-43	Outcome, Size of study groups
1939	Oulis, C. J.,Berdouses, E. D.,Vadiakas, G.,Lygidakis, N. A. (1999). Feeding practices of Greek children with and without nursing caries Pediatr Dent, 21(7), 409-16	Study design, Size of study groups
1940	Ounsted, M. K.,Moar, V. A.,Scott, A. (1983). Small-for-dates babies at the age of four years: health, handicap and developmental status Early Hum Dev, 8(3-4), 243-58	Intervention/exposure
1941	Ounsted, M.,Moar, V. A.,Cockburn, J.,Redman, C. W. (1984). Factors associated with the intellectual ability of children born to women with high risk pregnancies Br Med J (Clin Res Ed), 288(6423), 1038-41	Size of study groups
1942	Ovsenik, M. (2009). Incorrect orofacial functions until 5 years of age and their association with posterior crossbite Am J Orthod Dentofacial Orthop, 136(3), 375-81	Study design, Intervention/exposure
1943	Owen, G. M.,Garry, P. J.,Hooper, E. M.,Gilbert, B. A.,Pathak, D. (1981). Iron nutriture of infants exclusively breast-fed the first five months J Pediatr, 99(2), 237-40	Intervention/exposure
1944	Owen, M. J.,Baldwin, C. D.,Swank, P. R.,Pannu, A. K.,Johnson, D. L.,Howie, V. M. (1993). Relation of infant feeding practices, cigarette smoke exposure, and group child care to the onset and duration of otitis media with effusion in the first two years of life J Pediatr, 123(5), 702-11	Outcome
1945	Ozden, T. A.,Gokcay, G.,Cantez, M. S.,Durmaz, O.,Issever, H.,Omer, B.,Saner, G. (2015). Copper, zinc and iron levels in infants and their mothers during the first year of life: a prospective study BMC Pediatr, 15(1), 157	Study design, Intervention/exposure
1946	Ozmert, E. N.,Kale-Cekinmez, E.,Yurdakok, K.,Sekerel, B. E. (2009). Determinants of allergic signs and symptoms in 24- 48-month-old Turkish children Turk J Pediatr, 51(2), 103-9	Study design, Size of study groups
1947	Ozmert, E. N.,Yurdakok, K.,Soysal, S.,Kulak-Kayikci, M. E.,Belgin, E.,Ozmert, E.,Laleli, Y.,Saracbasi, O. (2005). Relationship between physical, environmental and sociodemographic factors and school performance in primary schoolchildren J Trop Pediatr, 51(1), 25-32	Study design
1948	Pacheco, G.,Hedges, M.,Schilling, C.,Morton, S. (2013). Pre- and postnatal drivers of childhood intelligence: evidence from Singapore J Biosoc Sci, 45(1), 41-56	Study design
1949	Paine, B. J.,Makrides, M.,Gibson, R. A. (1999). Duration of breast-feeding and Bayley's Mental Developmental Index at 1 year of age J Paediatr Child Health, 35(1), 82-5	Study design
1950	Paine, R.,Coble, R. J. (1982). Breast-feeding and infant health in a rural US community Am J Dis Child, 136(1), 36-8	Size of study groups, Intervention/exposure
1951	Palloni, A.,Aguirre, G. P.,Lastiri, S. (1994). The effects of breast-feeding and the pace of childbearing on early childhood mortality in Mexico Bull Pan Am Health Organ, 28(2), 93-111	Study design, Intervention/exposure
1952	Palloni, A.,Tienda, M. (1986). The effects of breastfeeding and pace of childbearing on mortality at early ages Demography, 23(1), 31-52	Study design

	Full texts screened	Reason for exclusion
1953	Palma, G. D.,Capilla, A.,Nova, E.,Castillejo, G.,Varea, V.,Pozo, T.,Garrote, J. A.,Polanco, I.,Lopez, A.,Ribes-Koninckx, C.,Marcos, A.,Garcia-Novo, M. D.,Calvo, C.,Ortigosa, L.,Pena-Quintana, L.,Palau, F.,Sanz, Y. (2012). Influence of milk-feeding type and genetic risk of developing coeliac disease on intestinal microbiota of infants: the PROFICEL study PLoS One, 7(2), e30791	Outcome
1954	Palmer, M. M.,VandenBerg, K. A. (1998). A closer look at neonatal sucking Neonatal Netw, 17(2), 77-9	Study design
1955	Palti, H.,Mansbach, I.,Pridan, H.,Adler, B.,Palti, Z. (1984). Episodes of illness in breast-fed and bottle-fed infants in Jerusalem Isr J Med Sci, 20(5), 395-9	Intervention/exposure
1956	Palvo, F.,Toledo, E. C.,Menin, A. M.,Jorge, P. P.,Godoy, M. F.,Sole, D. (2008). Risk factors of childhood asthma in Sao Jose do Rio Preto, Sao Paulo, Brazil J Trop Pediatr, 54(4), 253-7	Study design
1957	Panagiotakos, D. B.,Papadimitriou, A.,Anthracopoulos, M. B.,Konstantinidou, M.,Antonogeorgos, G.,Fretzayas, A.,Priftis, K. N. (2008). Birthweight, breast-feeding, parental weight and prevalence of obesity in schoolchildren aged 10-12 years, in Greece; the Physical Activity, Nutrition and Allergies in Children Examined in Athens (PANACEA) study Pediatr Int, 50(4), 563-8	Study design
1958	Panico, L.,Stuart, B.,Bartley, M.,Kelly, Y. (2014). Asthma trajectories in early childhood: identifying modifiable factors PLoS One, 9(11), e111922	Outcome
1959	Papandreou, D.,Malindretos, P.,Rousso, I. (2010). Risk factors for childhood obesity in a Greek paediatric population Public Health Nutr, 13(10), 1535-9	Study design, Size of study groups
1960	Papenburg, J.,Hamelin, M. E.,Ouhoummane, N.,Carbonneau, J.,Ouakki, M.,Raymond, F.,Robitaille, L.,Corbeil, J.,Caouette, G.,Frenette, L.,De Serres, G.,Boivin, G. (2012). Comparison of risk factors for human metapneumovirus and respiratory syncytial virus disease severity in young children J Infect Dis, 206(2), 178-89	Participant health
1961	Papp, L. M. (2014). Longitudinal associations between breastfeeding and observed mother-child interaction qualities in early childhood Child Care Health Dev, 40(5), 740-6	Outcome
1962	Paradise, J. L.,Rockette, H. E.,Colborn, D. K.,Bernard, B. S.,Smith, C. G.,Kurs-Lasky, M.,Janosky, J. E. (1997). Otitis media in 2253 Pittsburgh-area infants: prevalence and risk factors during the first two years of life Pediatrics, 99(3), 318-33	Outcome
1963	Parazzini, F.,Cipriani, S.,Zinetti, C.,Chatenoud, L.,Frigerio, L.,Amuso, G.,Ciammella, M.,Di Landro, A.,Naldi, L. (2014). Perinatal factors and the risk of atopic dermatitis: a cohort study Pediatr Allergy Immunol, 25(1), 43-50	Outcome
1964	Paricio Talayero JM,Lizan-Garcia M,Otero Puime A,Benlloch Muncharaz MJ,Beseler Soto B,Sanchez-Palomares M,Santos Serrano L,Rivera LL (2006). Full breastfeeding and hospitalization as a result of infections in the first year of life Pediatrics, 118(#issue#), e92-9	Intervention/exposure
1965	Park, J.,Kim, H. S.,Chu, S. H.,Jekal, Y. S.,Lee, J. Y. (2015). The effect of predominant breast-feeding on the risk of obesity in Korean preschool children Nurs Health Sci, #volume#(#issue#), #Pages#	Study design
1966	Park, M. J.,Namgung, R.,Kim, D. H.,Tsang, R. C. (1998). Bone mineral content is not reduced despite low vitamin D status in breast milk-fed infants versus cow's milk based formula-fed infants J Pediatr, 132(4), 641-5	Size of study groups
1967	Park, S.,Kim, B. N.,Kim, J. W.,Shin, M. S.,Yoo, H. J.,Cho, S. C. (2014). Protective effect of breastfeeding with regard to children's behavioral and cognitive problems Nutr J, 13(1), 111	Study design
1968	Parra-Cabrera, S.,Moreno-Macias, H.,Mendez-Ramirez, I.,Schnaas, L.,Romieu, I. (2008). Maternal dietary omega fatty acid intake and auditory brainstem-evoked potentials in Mexican infants born at term: Cluster analysis Early Human Development, 84(1), 51-57	Intervention/exposure
1969	Parsons, T. J.,Power, C.,Manor, O. (2003). Infant feeding and obesity through the lifecourse Arch Dis Child, 88(9), 793-4	Outcome
1970	Paszkowski, J.,Lopatynski, J. (2002). Allergy to house dust mites in primary health care subjects with chronic or recurrent inflammatory states of respiratory system Ann Univ Mariae Curie Sklodowska Med, 57(1), 522-30	Participant health
1971	Patel, J. A.,Alvarez-Fernandez, P.,Jennings, K.,Loeffelholz, M.,McCormick, D.,Chonmaitree, T. (2015). Factors Affecting Staphylococcus aureus Colonization of the Nasopharynx in the First 6 Months of Life Pediatr Infect Dis J, 34(8), 826-30	Outcome

	Full texts screened	Reason for exclusion
1972	Patel, J. A.,Nair, S.,Revai, K.,Grady, J.,Saeed, K.,Matalon, R.,Block, S.,Chonmaitree, T. (2006). Association of proinflammatory cytokine gene polymorphisms with susceptibility to otitis media Pediatrics, 118(6), 2273-9	Study design, Outcome
1973	Paterson, J. E.,Gao, W.,Sundborn, G.,Cartwright, S. (2011). Maternal self-report of oral health in six-year-old Pacific children from South Auckland, New Zealand Community Dent Oral Epidemiol, 39(1), 19-28	Outcome
1974	Paterson, J.,Iusitini, L.,Gao, W. (2011). Child developmental assessment at two-years of age: data from the Pacific Islands Families Study Pac Health Dialog, 17(2), 51-63	Outcome
1975	Patra, S.,Singh, V.,Kumar, P.,Chandra, J.,Dutta, A.,Tripathi, M. (2011). Demographic and clinical profile of children under two years of age with recurrent wheezing J Coll Physicians Surg Pak, 21(11), 715-7	Country, Size of study group
1976	Patsourou, A.,Konstantinides, T.,Mantadakis, E.,Tsalkidis, A.,Zarras, C.,Balaska, A.,Simopoulos, K.,Chatzimichael, A. (2012). Growth of exclusively breastfed and self-weaned children of Greece aged 0-36 months Breastfeed Med, 7(6), 521-5	Study design
1977	Patterson, C. C.,Carson, D. J.,Hadden, D. R.,Waugh, N. R.,Cole, S. K. (1994). A case-control investigation of perinatal risk factors for childhood IDDM in Northern Ireland and Scotland Diabetes Care, 17(5), 376-81	Intervention/exposure
1978	Patwari, A. K. (1996). Breastfeeding and atopy Indian Pediatr, 33(3), 265-6	Country, Study design
1979	Paul A,Whitehead R (1986). Infant feeding: the weighting game Community Outlook, #volume#(#issue#), 11-7	Study design
1980	Paul, K.,Dittrichova, J.,Papousek, H. (1996). Infant feeding behavior: development in patterns and motivation Dev Psychobiol, 29(7), 563-76	Size of study groups
1981	Pavic, I.,Jurkovic, M.,Pastar, Z. (2012). Risk factors for acute respiratory tract infections in children Coll Antropol, 36(2), 539-42	Study design
1982	Pearce, M. S.,Birrell, F. N.,Francis, R. M.,Rawlings, D. J.,Tuck, S. P.,Parker, L. (2005). Lifecourse study of bone health at age 49-51 years: the Newcastle thousand families cohort study J Epidemiol Community Health, 59(6), 475-80	Intervention/exposure
1983	Pearce, M. S.,Relton, C. L.,Parker, L.,Unwin, N. C. (2009). Sex differences in the association between infant feeding and blood cholesterol in later life: the Newcastle thousand families cohort study at age 49-51 years Eur J Epidemiol, 24(7), 375-80	Outcome
1984	Pearce, M. S.,Unwin, N. C.,Parker, L.,Alberti, K. G. (2006). Life course determinants of insulin secretion and sensitivity at age 50 years: the Newcastle thousand families study Diabetes Metab Res Rev, 22(2), 118-25	Outcome
1985	Pearson, Catherine (2013). Study Finds Breastfeeding May Lower Alzheimer's Risk Inside Childbirth Education, #volume#(#issue#), 9-9 1p	Study design
1986	Peat, J. K. (1998). Can asthma be prevented? Evidence from epidemiological studies of children in Australia and New Zealand in the last decade Clin Exp Allergy, 28(3), 261-5	Study design
1987	Peat, J. K.,Allen, J.,Oddy, W.,Webb, K. (2003). Breastfeeding and asthma: appraising the controversy Pediatr Pulmonol, 35(5), 331-4	Study design
1988	Pedersen, C. B.,Zachau-Christiansen, B. (1986). Otitis media in Greenland children: acute, chronic and secretory otitis media in three- to eight-year-olds J Otolaryngol, 15(6), 332-5	Study design
1989	Pehlivan, I.,Hatun, Ş,Aydoğan, M.,Babaoğlu, K.,Gökalp, S. A. (2003). Maternal vitamin D defiency and vitamin D supplementation in healthy infants Turkish Journal of Pediatrics, 45(4), 315-320	Intervention/exposure
1990	Pei, Z.,Heinrich, J.,Fuertes, E.,Flexeder, C.,Hoffmann, B.,Lehmann, I.,Schaaf, B.,von Berg, A.,Koletzko, S. (2014). Cesarean delivery and risk of childhood obesity J Pediatr, 164(5), 1068-1073 e2	Intervention/exposure
1991	Pelayo, L.,Nunez, F. A.,Rojas, L.,Wilke, H.,Furuseth Hansen, E.,Mulder, B.,Gjerde, B.,Robertson, L. (2008). Molecular and epidemiological investigations of cryptosporidiosis in Cuban children Ann Trop Med Parasitol, 102(8), 659-69	Participant health, Size of study groups
1992	Peltzer, K.,Mongkolchati, A.,Satchaiyan, G.,Rajchagool, S.,Pimpak, T. (2014). Sociobehavioral factors associated with caries increment: a longitudinal study from 24 to 36 months old children in Thailand Int J Environ Res Public Health, 11(10), 10838-50	Outcome

	Full texts screened	Reason for exclusion
1993	Penders, J.,Gerhold, K.,Stobberingh, E. E.,Thijs, C.,Zimmermann, K.,Lau, S.,Hamelmann, E. (2013). Establishment of the intestinal microbiota and its role for atopic dermatitis in early childhood J Allergy Clin Immunol, 132(3), 601-607 e8	Intervention/exposure, Outcome
1994	Peneau, S.,Hercberg, S.,Rolland-Cachera, M. F. (2014). Breastfeeding, early nutrition, and adult body fat J Pediatr, 164(6), 1363-8	Size of study groups
1995	Penn, A. H.,Carver, L. J.,Herbert, C. A.,Lai, T. S.,McIntire, M. J.,Howard, J. T.,Taylor, S. F.,Schmid-Schonbein, G. W.,Dobkins, K. R. (2016). Breast Milk Protects Against Gastrointestinal Symptoms in Infants at High Risk for Autism During Early Development J Pediatr Gastroenterol Nutr, 62(2), 317-27	Outcome
1996	Penwell, A. (2012). Breastfeeding and newborn survival Midwifery Today Int Midwife, #volume#(101), 51-3	Study design
1997	Perera, B. J. (2010). Preventive strategies for acute respiratory infections in children Ceylon Med J, 55(4), 103-5	Study design
1998	Perera, B. J.,Ganesan, S.,Jayarasa, J.,Ranaweera, S. (1999). The impact of breastfeeding practices on respiratory and diarrhoeal disease in infancy: a study from Sri Lanka J Trop Pediatr, 45(2), 115-8	Study design, Outcome
1999	Peres, K. G.,Cascaes, A. M.,Peres, M. A.,Demarco, F. F.,Santos, I. S.,Matijasevich, A.,Barros, A. J. (2015). Exclusive Breastfeeding and Risk of Dental Malocclusion Pediatrics, 136(1), e60-7	Outcome
2000	Perez-Bravo, F.,Carrasco, E.,Gutierrez-Lopez, M. D.,Martinez, M. T.,Lopez, G.,de los Rios, M. G. (1996). Genetic predisposition and environmental factors leading to the development of insulin-dependent diabetes mellitus in Chilean children J Mol Med (Berl), 74(2), 105-9	Outcome
2001	Perez-Bravo, F.,Oyarzun, A.,Carrasco, E.,Albala, C.,Dorman, J. S.,Santos, J. L. (2003). Duration of breast feeding and bovine serum albumin antibody levels in type 1 diabetes: a case-control study Pediatr Diabetes, 4(4), 157-61	Outcome
2002	Peroni, D. G.,Piacentini, G. L.,Alfonsi, L.,Zerman, L.,Di Blasi, P.,Visona, G.,Nottegar, F.,Boner, A. L. (2003). Rhinitis in pre-school children: prevalence, association with allergic diseases and risk factors Clin Exp Allergy, 33(10), 1349-54	Study design
2003	Perrillat, F.,Clavel, J.,Auclerc, M. F.,Baruchel, A.,Leverger, G.,Nelken, B.,Philippe, N.,Schaison, G.,Sommelet, D.,Vilmer, E.,Hemon, D. (2002). Day-care, early common infections and childhood acute leukaemia: a multicentre French case-control study Br J Cancer, 86(7), 1064-9	Outcome
2004	Perrillat, F.,Clavel, J.,Jaussent, I.,Baruchel, A.,Leverger, G.,Nelken, B.,Philippe, N.,Schaison, G.,Sommelet, D.,Vilmer, E.,Hémon, D. (2002). Breast-feeding, fetal loss and childhood acute leukaemia European Journal of Pediatrics, 161(4), 235-237	Outcome
2005	Perrine, C. G.,Sharma, A. J.,Jefferds, M. E.,Serdula, M. K.,Scanlon, K. S. (2010). Adherence to vitamin D recommendations among US infants Pediatrics, 125(4), 627-32	Study design
2006	Persico, M.,Podoshin, L.,Fradis, M.,Golan, D.,Wellisch, G. (1983). Recurrent middle-ear infections in infants: the protective role of maternal breast feeding Ear Nose Throat J, 62(6), 297-304	Participant health, Outcomes
2007	Persson, L. A. (1985). Infant feeding and growth--a longitudinal study in three Swedish communities Ann Hum Biol, 12(1), 41-52	Outcome
2008	Persson, L. A.,Lundstrom, M.,Lonnerdal, B.,Hernell, O. (1998). Are weaning foods causing impaired iron and zinc status in 1-year-old Swedish infants? A cohort study Acta Paediatr, 87(6), 618-22	Intervention/exposure
2009	Perumal, N.,Al Mahmud, A.,Baqui, A. H.,Roth, D. E. (2015). Prenatal vitamin D supplementation and infant vitamin D status in Bangladesh Public Health Nutr, #volume#(#issue#), 1-9	Country
2010	Pesonen, M.,Kallio, M. J.,Ranki, A.,Siimes, M. A. (2006). Prolonged exclusive breastfeeding is associated with increased atopic dermatitis: a prospective follow-up study of unselected healthy newborns from birth to age 20 years Clin Exp Allergy, 36(8), 1011-8	Intervention/exposure
2011	Peters, D. C.,Worthington-Roberts, B. (1982). Infant feeding practices of middle-class breastfeeding and formula-feeding mothers Birth, 9(2), 91-5	Outcome
2012	Peters, K. E.,Huang, J.,Vaughn, M. G.,Witko, C. (2013). Does breastfeeding contribute to the racial gap in reading and math test scores? Ann Epidemiol, 23(10), 646-51	Outcome

	Full texts screened	Reason for exclusion
2013	Peters, T. J.,Golding, J. (1987). The epidemiology of childhood eczema: II. Statistical analyses to identify independent early predictors Paediatr Perinat Epidemiol, 1(1), 80-94	Intervention/exposure
2014	Peters, U.,Schneeweiss, S.,Trautwein, E. A.,Erbersdobler, H. F. (2001). A case-control study of the effect of infant feeding on celiac disease Ann Nutr Metab, 45(4), 135-42	Outcome
2015	Petherick, A. (2010). Development: Mother's milk: A rich opportunity Nature, 468(7327), S5-7	Study design
2016	Petridou, E.,Trichopoulos, D.,Kalapothaki, V.,Pourtsidis, A.,Kogevinas, M.,Kalmanti, M.,Koliouskas, D.,Kosmidis, H.,Panagiotou, J. P.,Piperopoulou, F.,Tzortzatou, F. (1997). The risk profile of childhood leukaemia in Greece: a nationwide case-control study Br J Cancer, 76(9), 1241-7	Outcome
2017	Petti, S.,Cairella, G.,Tarsitani, G. (2000). Rampant early childhood dental decay: an example from Italy J Public Health Dent, 60(3), 159-66	Study design
2018	Pettitt, D. J.,Forman, M. R.,Hanson, R. L.,Knowler, W. C.,Bennett, P. H. (1997). Breastfeeding and incidence of non-insulin-dependent diabetes mellitus in Pima Indians Lancet, 350(9072), 166-8	Intervention/exposure, Outcome
2019	Pettitt, D. J.,Knowler, W. C. (1998). Long-term effects of the intrauterine environment, birth weight, and breast-feeding in Pima Indians Diabetes Care, 21 Suppl 2(#issue#), B138-41	Study design, Intervention/exposure
2020	Peyre, H.,Bernard, J. Y.,Forhan, A.,Charles, M. A.,De Agostini, M.,Heude, B.,Ramus, F.,Charles, M. A.,De Agostini, M.,Forhan, A.,Heude, B.,Ducimetière, P.,Kaminski, M.,Saurel-Cubizolles, M. J.,Dargent, P.,Fritel, X.,Larroque, B.,Lelong, N.,Marchand, L.,Nabet, C.,Annesi-Maesano, I.,Slama, R.,Goua, V.,Magnin, G.,Hankard, R.,Thiebaugeorges, O.,Schweitzer, M.,Foliguet, B.,Job-Spira, N. (2014). Predicting changes in language skills between 2 and 3 years in the EDEN mother-child cohort PeerJ, 2014(1), #Pages#	Outcome
2021	Pfluger, M.,Winkler, C.,Hummel, S.,Ziegler, A. G. (2010). Early infant diet in children at high risk for type 1 diabetes Horm Metab Res, 42(2), 143-8	Intervention/exposure
2022	Picciano, M. F.,Deering, R. H. (1980). The influence of feeding regimens on iron status during infancy Am J Clin Nutr, 33(4), 746-53	Size of study groups, Intervention/exposure
2023	Picone, T. A.,Benson, J. D.,Moro, G.,Minoli, I.,Fulconis, F.,Rassin, D. K.,Raiha, N. C. (1989). Growth, serum biochemistries, and amino acids of term infants fed formulas with amino acid and protein concentrations similar to human milk J Pediatr Gastroenterol Nutr, 9(3), 351-60	Intervention/exposure, Outcome
2024	Piemontese, P.,Gianni, M. L.,Braegger, C. P.,Chirico, G.,Gruber, C.,Riedler, J.,Arslanoglu, S.,van Stuijvenberg, M.,Boehm, G.,Jelinek, J.,Roggero, P. (2011). Tolerance and safety evaluation in a large cohort of healthy infants fed an innovative prebiotic formula: a randomized controlled trial PLoS One, 6(11), e28010	Intervention/exposure
2025	Pinho, A. P.,Aerts, D.,Nunes, M. L. (2008). Risk factors for sudden infant death syndrome in a developing country Rev Saude Publica, 42(3), 396-401	Size of study groups, Intervention/exposure
2026	Pinzon-Rondon, A. M.,Aguilera-Otalvaro, P.,Zarate-Ardila, C.,Hoyos-Martinez, A. (2015). Acute respiratory infection in children from developing nations: a multi-level study Paediatr Int Child Health, #volume#(#issue#), 2046905515y0000000021	Study design
2027	Pires, S. C.,Giugliani, E. R.,Caramez da Silva, F. (2012). Influence of the duration of breastfeeding on quality of muscle function during mastication in preschoolers: a cohort study BMC Public Health, 12(1), 934	Outcome
2028	Pirila, S.,Saarinen-Pihkala, U. M.,Viljakainen, H.,Turanlahti, M.,Kajosaari, M.,Makitie, O.,Taskinen, M. (2012). Breastfeeding and determinants of adult body composition: a prospective study from birth to young adulthood Horm Res Paediatr, 77(5), 281-90	Outcome
2029	Pirila, S.,Taskinen, M.,Viljakainen, H.,Kajosaari, M.,Turanlahti, M.,Saarinen-Pihkala, U. M.,Makitie, O. (2011). Infant milk feeding influences adult bone health: a prospective study from birth to 32 years PLoS One, 6(4), e19068	Outcome

	Full texts screened	Reason for exclusion
2030	Pirila, S.,Taskinen, M.,Viljakainen, H.,Makitie, O.,Kajosaari, M.,Saarinen-Pihkala, U. M.,Turanlahti, M. (2014). Breast-fed infants and their later cardiovascular health: a prospective study from birth to age 32 years Br J Nutr, 111(6), 1069-76	Outcome
2031	Pisacane, A.,De Vizia, B.,Valiante, A.,Vaccaro, F.,Russo, M.,Grillo, G.,Giustardi, A. (1995). Iron status in breast-fed infants J Pediatr, 127(3), 429-31	Size of study groups
2032	Pisacane, A.,Graziano, L.,Zona, G.,Granata, G.,Dolezalova, H.,Cafiero, M.,Coppola, A.,Scarpellino, B.,Ummarino, M.,Mazzarella, G. (1994). Breast feeding and acute lower respiratory infection Acta Paediatr, 83(7), 714-8	Study design, Participant health
2033	Pivik, R. T.,Andres, A.,Badger, T. M. (2011). Diet and gender influences on processing and discrimination of speech sounds in 3- and 6-month-old infants: a developmental ERP study Dev Sci, 14(4), 700-12	Outcome
2034	Pivik, R. T.,Andres, A.,Badger, T. M. (2012). Effects of diet on early stage cortical perception and discrimination of syllables differing in voice-onset time: a longitudinal ERP study in 3 and 6 month old infants Brain Lang, 120(1), 27-41	Outcome
2035	Pivik, R. T.,Andres, A.,Tennal, K. B.,Gu, Y.,Armbya, N.,Cleves, M. A.,Badger, T. M. (2013). Infant diet, gender and the normative development of vagal tone and heart period during the first two years of life Int J Psychophysiol, 90(3), 311-20	Outcome
2036	Pivik, R. T.,Andres, A.,Tennal, K. B.,Gu, Y.,Cleves, M. A.,Badger, T. M. (2015). Infant diet, gender and the development of vagal tone stability during the first two years of life Int J Psychophysiol, 96(2), 104-14	Outcome
2037	Pivik, R. T.,Dykman, R. A.,Jing, H.,Gilchrist, J. M.,Badger, T. M. (2007). The influence of infant diet on early developmental changes in processing human voice speech stimuli: ERP variations in breast and milk formula-fed infants at 3 and 6 months after birth Dev Neuropsychol, 31(3), 279-335	Size of study groups
2038	Pivik, R. T.,Dykman, R. A.,Jing, H.,Gilchrist, J. M.,Badger, T. M. (2009). Early infant diet and the omega 3 fatty acid DHA: effects on resting cardiovascular activity and behavioral development during the first half-year of life Dev Neuropsychol, 34(2), 139-58	Size of study groups
2039	Piwoz, E. G.,Creed de Kanashiro, H.,Lopez de Romana, G. L.,Black, R. E.,Brown, K. H. (1996). Feeding practices and growth among low-income Peruvian infants: a comparison of internationally-recommended definitions Int J Epidemiol, 25(1), 103-14	Size of study groups, Intervention/exposure
2040	Pizarro, F.,Yip, R.,Dallman, P. R.,Olivares, M.,Hertrampf, E.,Walter, T. (1991). Iron status with different infant feeding regimens: relevance to screening and prevention of iron deficiency J Pediatr, 118(5), 687-92	Study design, Intervention/exposure
2041	Plachta-Danielzik, S.,Kehden, B.,Landsberg, B.,Schaffrath Rosario, A.,Kurth, B. M.,Arnold, C.,Graf, C.,Hense, S.,Ahrens, W.,Muller, M. J. (2012). Attributable risks for childhood overweight: evidence for limited effectiveness of prevention Pediatrics, 130(4), e865-71	Study design
2042	Plagemann, A.,Harder, T.,Franke, K.,Kohlhoff, R. (2002). Long-term impact of neonatal breast-feeding on body weight and glucose tolerance in children of diabetic mothers Diabetes Care, 25(1), 16-22	Intervention/exposure
2043	Plagemann, A.,Harder, T.,Kohlhoff, R.,Fahrenkrog, S.,Rodekamp, E.,Franke, K.,Dudenhausen, J. W. (2005). Impact of early neonatal breast-feeding on psychomotor and neuropsychological development in children of diabetic mothers Diabetes Care, 28(3), 573-8	Intervention/exposure
2044	Plagemann, A.,Harder, T.,Rodekamp, E.,Kohlhoff, R. (2012). Rapid neonatal weight gain increases risk of childhood overweight in offspring of diabetic mothers J Perinat Med, 40(5), 557-63	Intervention/exposure
2045	Plancoulaine, S.,Charles, M. A.,Lafay, L.,Tauber, M.,Thibult, N.,Borys, J. M.,Eschwege, E. (2000). Infant-feeding patterns are related to blood cholesterol concentration in prepubertal children aged 5-11 y: the Fleurbaix-Laventie Ville Sante study Eur J Clin Nutr, 54(2), 114-9	Outcome
2046	Plenge-Bonig, A.,Soto-Ramirez, N.,Karmaus, W.,Petersen, G.,Davis, S.,Forster, J. (2010). Breastfeeding protects against acute gastroenteritis due to rotavirus in infants Eur J Pediatr, 169(12), 1471-6	Study design, Intervention/exposure
2047	Plonka, K. A.,Pukallus, M. L.,Barnett, A. G.,Walsh, L. J.,Holcombe, T. F.,Seow, W. K. (2012). A longitudinal study comparing mutans streptococci and lactobacilli colonisation in dentate children aged 6 to 24 months Caries Res, 46(4), 385-93	Outcome

	Full texts screened	Reason for exclusion
2048	Plonka, K. A.,Pukallus, M. L.,Barnett, A. G.,Walsh, L. J.,Holcombe, T. H.,Seow, W. K. (2012). Mutans streptococci and lactobacilli colonization in predentate children from the neonatal period to seven months of age Caries Res, 46(3), 213-20	Outcome
2049	Podratz, R. O.,Broughton, D. D.,Gustafson, D. H.,Bergstralh, E. J.,Melton, L. J., 3rd (1986). Weight loss and body temperature changes in breast-fed and bottle-fed neonates Clin Pediatr (Phila), 25(2), 73-7	Outcome
2050	Pohlabeln, H.,Muhlenbruch, K.,Jacobs, S.,Bohmann, H. (2010). Frequency of allergic diseases in 2-year-old children in relationship to parental history of allergy and breastfeeding J Investig Allergol Clin Immunol, 20(3), 195-200	Intervention/exposure
2051	Poikonen, S.,Puumalainen, T. J.,Kautiainen, H.,Palosuo, T.,Reunala, T.,Turjanmaa, K. (2008). Sensitization to turnip rape and oilseed rape in children with atopic dermatitis: a case-control study Pediatr Allergy Immunol, 19(5), 408-11	Intervention/exposure
2052	Pollock, J. I. (1994). Long-term associations with infant feeding in a clinically advantaged population of babies Dev Med Child Neurol, 36(5), 429-40	Intervention/exposure
2053	Pomerance, H. H. (1987). Growth in breast-fed children Hum Biol, 59(4), 687-93	Intervention/exposure
2054	Ponder, D. L.,Innis, S. M.,Benson, J. D.,Siegman, J. S. (1992). Docosahexaenoic acid status of term infants fed breast milk or infant formula containing soy oil or corn oil Pediatr Res, 32(6), 683-8	Size of study groups
2055	Ponnapakkam, T.,Ravichandran, A.,Bradford, E.,Tobin, G.,Gensure, R. (2008). Breast-feeding and vitamin D supplementation rates in the Ochsner health system Ochsner Journal, 8(3), 146-150	Intervention/exposure, Outcome
2056	Porro, E.,Indinnimeo, L.,Antognoni, G.,Midulla, F.,Criscione, S. (1993). Early wheezing and breast feeding J Asthma, 30(1), 23-8	Outcome
2057	Portela, D. S.,Vieira, T. O.,Matos, S. M.,de Oliveira, N. F.,Vieira, G. O. (2015). Maternal obesity, environmental factors, cesarean delivery and breastfeeding as determinants of overweight and obesity in children: results from a cohort BMC Pregnancy Childbirth, 15(#issue#), 94	Outcome
2058	Portoian-Shuhaiber, S.,Al-Rashied, A. A. (1986). Feeding practices and electrolyte disturbances among infants admitted with acute diarrhoea--a survey in Kuwait J Trop Pediatr, 32(4), 168-73	Study design, Participant health
2059	Potera, Carol (2011). Prolonged Bottle Feeding Raises Childhood Obesity Risk: Weaning around one year is recommended American Journal of Nursing, 111(8), 17-17 1p	Study design
2060	Potter, A.,Lumley, J.,Watson, L. (1996). The 'new' risk factors for SIDS: is there an association with the ethnic and place of birth differences in incidence in Victoria, Australia? Early Hum Dev, 45(1-2), 119-31	Intervention/exposure, Outcome
2061	Potter, C. M.,Ulijaszek, S. J. (2013). Predicting adult obesity from measures in earlier life J Epidemiol Community Health, 67(12), 1032-7	Study design, Intervention/exposure
2062	Potur, A. H.,Kalmaz, N. (1995). An investigation into feeding errors of 0-4-month-old infants J Trop Pediatr, 41(2), 120-2	Study design
2063	Poysa, L. (1989). Atopy in children with and without a family history of atopy. II. Skin reactivity Acta Paediatr Scand, 78(6), 902-6	Intervention/exposure
2064	Poysa, L.,Korppi, M.,Remes, K.,Juntunen-Backman, K. (1990). Predictive value of IgE levels in infancy Acta Paediatr Scand, 79(10), 970-2	Study design, Outcome
2065	Poysa, L.,Korppi, M.,Remes, K.,Juntunen-Backman, K. (1991). Atopy in childhood and diet in infancy. A nine-year follow-up study. I. Clinical manifestations Allergy Proc, 12(2), 107-11	Size of study groups
2066	Poysa, L.,Remes, K.,Korppi, M.,Juntunen-Backman, K. (1989). Atopy in children with and without a family history of atopy. I. Clinical manifestations, with special reference to diet in infancy Acta Paediatr Scand, 78(6), 896-901	Size of study groups
2067	Prado-Montes de Oca, E.,Garcia-Vargas, A.,Lozano-Inocencio, R.,Gallegos-Arreola, M. P.,Sandoval-Ramirez, L.,Davalos-Rodriguez, N. O.,Figuera, L. E. (2007). Association of beta-defensin 1 single nucleotide polymorphisms with atopic dermatitis Int Arch Allergy Immunol, 142(3), 211-8	Study design

	Full texts screened	Reason for exclusion
2068	Prado-Montes De Oca, E.,García-Vargas, A.,Lozano-Inocencio, R.,Gallegos-Arreola, M. P.,Sandoval-Ramírez, L.,Dávalos-Rodríguez, N. O.,Figuera, L. E. (2007). Association of β-defensin 1 single nucleotide polymorphisms with atopic dermatitis International Archives of Allergy and Immunology, 142(3), 211-218	Study design
2069	Prathanee, B.,Purdy, S. C.,Thinkhamrop, B.,Chaimay, B.,Ruangdaraganon, N.,Mo-suwan, L.,Phuphaibul, R. (2009). Early language delay and predictive factors in children aged 2 years J Med Assoc Thai, 92(7), 930-8	Outcome
2070	Pratt, H. F. (1984). Breastfeeding and eczema Early Hum Dev, 9(3), 283-90	Intervention/exposure
2071	Prentice, P.,Koulman, A.,Matthews, L.,Acerini, C. L.,Ong, K. K.,Dunger, D. B. (2015). Lipidomic analyses, breast- and formula-feeding, and growth in infants J Pediatr, 166(2), 276-81 e6	Intervention/exposure
2072	Price, Gareth (2011). A test of temperament Midwives, 14(4), 13-13 1p	Study design
2073	Priego, T.,Sanchez, J.,Pico, C.,Ahrens, W.,Bammann, K.,De Henauw, S.,Fraterman, A.,Iacoviello, L.,Lissner, L.,Molnar, D.,Moreno, L. A.,Siani, A.,Tornaritis, M.,Veidebaum, T.,Palou, A. (2014). Influence of breastfeeding on blood-cell transcript-based biomarkers of health in children Pediatr Obes, 9(6), 463-70	Study design, Outcome
2074	Priya, N. Gayathri,Victoria, L. Eilean,Porkodi, A.,Eaton, Linda,Doorenbos, Ardith (2013). Effectiveness of Breastfeeding Empowerment Programme among Primigravidae Communicating Nursing Research, 46(#issue#), 579-579 1p	Country
2075	Procter, S. B.,Holcomb, C. A. (2008). Breastfeeding duration and childhood overweight among low-income children in Kansas, 1998-2002 Am J Public Health, 98(1), 106-10	Outcome
2076	Prodam, F.,Roccio, M.,Trovato, L.,Ricotti, R.,Moia, S.,Giglione, E.,Petri, A.,Walker, G. E.,Bellone, S.,Bona, G. (2015). Adiponectin oligomers are similarly distributed in adequate-for-gestational-age obese children irrespective of feeding in their first year Pediatr Res, 77(6), 808-13	Study design
2077	Puccio, G.,Cajozzo, C.,Meli, F.,Rochat, F.,Grathwohl, D.,Steenhout, P. (2007). Clinical evaluation of a new starter formula for infants containing live Bifidobacterium longum BL999 and prebiotics Nutrition, 23(1), 1-8	Intervention/exposure
2078	Pugh, L. C.,Milligan, R. A. (1998). Nursing intervention to increase the duration of breastfeeding Appl Nurs Res, 11(4), 190-4	Study design, Outcome
2079	Pugh, L. C.,Milligan, R. A.,Frick, K. D.,Spatz, D.,Bronner, Y. (2002). Breastfeeding duration, costs, and benefits of a support program for low-income breastfeeding women Birth, 29(2), 95-100	Size of study groups
2080	Pugo-Gunsam, P.,Guesnet, P.,Subratty, A. H.,Rajcoomar, D. A.,Maurage, C.,Couet, C. (1999). Fatty acid composition of white adipose tissue and breast milk of Mauritian and French mothers and erythrocyte phospholipids of their full-term breast-fed infants Br J Nutr, 82(4), 263-71	Size of study groups, Intervention/exposure
2081	Puig, C.,Sunyer, J.,Garcia-Algar, O.,Munoz, L.,Pacifici, R.,Pichini, S.,Vall, O. (2008). Incidence and risk factors of lower respiratory tract illnesses during infancy in a Mediterranean birth cohort Acta Paediatr, 97(10), 1406-11	Outcome
2082	Pukander J,Luotonen J,Timonen M,Karma P (1985). Risk factors affecting the occurrence of acute otitis media among 2-3-year-old urban children Acta Otolaryngol, 100(#issue#), 260-5	Outcome
2083	Pukander, J. (1982). Acute otitis media among rural children in Finland Int J Pediatr Otorhinolaryngol, 4(4), 325-32	Outcome
2084	Pullan, C. R.,Toms, G. L.,Martin, A. J.,Gardner, P. S.,Webb, J. K.,Appleton, D. R. (1980). Breast-feeding and respiratory syncytial virus infection Br Med J, 281(6247), 1034-6	Outcome
2085	Purssell, E. (2012). A topic in 10 questions: Gastrointestinal infections from a nutritional perspective J Fam Health Care, 22(1), 28-9	Study design
2086	Purvis, D. J.,Thompson, J. M.,Clark, P. M.,Robinson, E.,Black, P. N.,Wild, C. J.,Mitchell, E. A. (2005). Risk factors for atopic dermatitis in New Zealand children at 3.5 years of age Br J Dermatol, 152(4), 742-9	Outcome
2087	Putet, G.,Labaune, J. M.,Mace, K.,Steenhout, P.,Grathwohl, D.,Raverot, V.,Morel, Y.,Picaud, J. C. (2015). Effect of dietary protein on plasma insulin-like growth factor-1, growth, and body composition in healthy term infants: a randomised, double-blind, controlled trial (Early Protein and Obesity in Childhood (EPOCH) study) Br J Nutr, #volume#(#issue#), 1-14	Intervention/exposure

	Full texts screened	Reason for exclusion
2088	Putnam, J. C.,Carlson, S. E.,DeVoe, P. W.,Barness, L. A. (1982). The effect of variations in dietary fatty acids on the fatty acid composition of erythrocyte phosphatidylcholine and phosphatidylethanolamine in human infants Am J Clin Nutr, 36(1), 106-14	Size of study groups
2089	Putra, S. T.,Mansyur, M.,Sastroasmoro, S. (2015). Effects of duration of breastfeeding during infancy on vascular dysfunction in adolescents Acta Med Indones, 47(1), 24-30	Country, Study design
2090	Qudsia, F.,Saboor, M.,Khosa, S. M.,Ayub, Q.,Moinuddin, (2015). Comparative analysis of serum iron, serum ferritin and red cell folate levels among breast fed, fortified milk and cow's milk fed infants Pakistan Journal of Medical Sciences, 31(3), 706-709	Country
2091	Queiroz, V. A.,Assis, A. M.,Pinheiro, S. M.,Ribeiro, H. C., Jr. (2012). Predictors of linear growth in the first year of life of a prospective cohort of full term children with normal birth weight J Pediatr (Rio J), 88(1), 79-86	Intervention/exposure
2092	Quialey, M. A.,Cumberland, P.,Cowden, J. M.,Rodrigues, L. C. (2006). How protective is breast feeding against diarrhoeal disease in infants in 1990s England? A case-control study Archives of Disease in Childhood, 91(3), 245-250	Outcome
2093	Quigley, M. A.,Hockley, C.,Carson, C.,Kelly, Y.,Renfrew, M. J.,Sacker, A. (2012). Breastfeeding is associated with improved child cognitive development: a population-based cohort study J Pediatr, 160(1), 25-32	Outcome
2094	Quigley, M. A.,Kelly, Y. J.,Sacker, A. (2007). Breastfeeding and hospitalization for diarrheal and respiratory infection in the United Kingdom Millennium Cohort Study Pediatrics, 119(4), e837-42	Study design
2095	Quigley, M. A.,Kelly, Y. J.,Sacker, A. (2009). Infant feeding, solid foods and hospitalisation in the first 8 months after birth Arch Dis Child, 94(2), 148-50	Intervention/exposure
2096	Quinn, P. J.,O'Callaghan, M.,Williams, G. M.,Najman, J. M.,Andersen, M. J.,Bor, W. (2001). The effect of breastfeeding on child development at 5 years: a cohort study J Paediatr Child Health, 37(5), 465-9	Outcome
2097	Quinonez, R.,Santos, R. G.,Wilson, S.,Cross, H. (2001). The relationship between child temperament and early childhood caries Pediatr Dent, 23(1), 5-10	Study design
2098	Quiroga, M.,Oviedo, P.,Chinen, I.,Pegels, E.,Husulak, E.,Binztein, N.,Rivas, M.,Schiavoni, L.,Vergara, M. (2000). Asymptomatic infections by diarrheagenic Escherichia coli in children from Misiones, Argentina, during the first twenty months of their lives Rev Inst Med Trop Sao Paulo, 42(1), 9-15	Outcome
2099	Qureshi, B.,Morgan, J. B.,Kimer, A. C.,Donaldson, D.,Dickerson, J. W. (1988). Feeding practices and birth weights of infants in Southall, Middlesex J R Soc Health, 108(3), 77-80	Outcome
2100	Rabiei, S. (2011). The Association of Nutrition Style through the First 2 Years of Life with Type 1 Diabetes Mellitus and Some of the Other Effective Factors in 2-15 Years Old Children Iranian Journal of Endocrinology & Metabolism, 13(1), 9-113 105p	Language
2101	Radlovic, N. P.,Mladenovic, M. M.,Lekovic, Z. M.,Stojsic, Z. M.,Radlovic, V. N. (2010). Influence of early feeding practices on celiac disease in infants Croat Med J, 51(5), 417-22	Participant health, Intervention/exposure
2102	Rady, H. I.,Samir, H.,Tomerak, R.,Gaafar, M. (2014). Occult blood in stool in exclusively formula fed infants versus exclusively breast fed infants in the first six months of life Egyptian Pediatric Association Gazette, 62(1), 8-13	Country, Study design
2103	Raftowicz-Wójcik, K.,Matthews-Brzozowska, T.,Kawala, B.,Antoszewska, J. (2011). The effects of breast feeding on occlusion in primary dentition Advances in Clinical and Experimental Medicine, 20(3), 371-375	Study design
2104	Rahman, M.,Roy, S. K.,Ali, M.,Mitra, A. K.,Alam, A. N.,Akbar, M. S. (1993). Maternal nutritional status as a determinant of child health J Trop Pediatr, 39(2), 86-8	Country
2105	Raiha, N. C.,Fazzolari-Nesci, A.,Boehm, G. (1996). Taurine supplementation prevents hyperaminoacidemia in growing term infants fed high-protein cow's milk formula Acta Paediatr, 85(12), 1403-7	Size of study groups
2106	Raiha, N. C.,Fazzolari-Nesci, A.,Cajozzo, C.,Puccio, G.,Monestier, A.,Moro, G.,Minoli, I.,Haschke-Becher, E.,Bachmann, C.,Van't Hof, M.,Carrie Fassler, A. L.,Haschke, F. (2002). Whey predominant, whey modified infant formula with protein/energy ratio of 1.8 g/100 kcal: adequate and safe for term infants from birth to four months J Pediatr Gastroenterol Nutr, 35(3), 275-81	Intervention/exposure

	Full texts screened	Reason for exclusion
2107	Räihä, N.,Fazzolari, A.,Cayozzo, C.,Puccio, G.,Minoli, I.,Moro, G.,Monestier, A.,Haschke-Becher, E.,Carrié, A. L.,Haschke, F. (2002). Infant formula with 1.8g Protein/100 Kcal is adequate and safe from birth to 4 months Revue Medicale Libanaise, 14(1), 29-31	Size of study groups
2108	Raiha, N.,Minoli, I.,Moro, G. (1986). Milk protein intake in the term infant. I. Metabolic responses and effects on growth Acta Paediatr Scand, 75(6), 881-6	Size of study groups
2109	Raisler, J.,Alexander, C.,O'Campo, P. (1999). Breast-feeding and infant illness: a dose-response relationship? Am J Public Health, 89(1), 25-30	Study design, Participant health
2110	Ramezani, G. H.,Norozi, A.,Valael, N. (2003). The prevalence of nursing caries in 18 to 60 months old children in Qazvin J Indian Soc Pedod Prev Dent, 21(1), 19-26	Study design
2111	Rami, B.,Schneider, U.,Imhof, A.,Waldhor, T.,Schober, E. (1999). Risk factors for type I diabetes mellitus in children in Austria Eur J Pediatr, 158(5), 362-6	Outcome
2112	Ramirez, G. B.,Pagulayan, O.,Akagi, H.,Francisco Rivera, A.,Lee, L. V.,Berroya, A.,Vince Cruz, M. C.,Casintahan, D. (2003). Tagum study II: follow-up study at two years of age after prenatal exposure to mercury Pediatrics, 111(3), e289-95	Country
2113	Ramirez-Silva, I.,Rivera, J. A.,Trejo-Valdivia, B.,Martorell, R.,Stein, A. D.,Romieu, I.,Barraza-Villarreal, A.,Ramakrishnan, U. (2015). Breastfeeding status at age 3 months is associated with adiposity and cardiometabolic markers at age 4 years in Mexican children J Nutr, 145(6), 1295-302	Outcome
2114	Ramirez-Silva, I.,Rivera, J.,Martorell, R.,Stein, A.,Ramakrishnan, U. (2013). Breastfeeding at 3 months is associated with lower risk of adiposity and lipid metabolism alterations at 4 y of age Annals of nutrition & metabolism, 63(#issue#), 774-5	Publication status
2115	Ramos, D. E. (2012). Breastfeeding: a bridge to addressing disparities in obesity and health Breastfeed Med, 7(5), 354-7	Study design
2116	Ramos-Gomez, F. J.,Tomar, S. L.,Ellison, J.,Artiga, N.,Sintes, J.,Vicuna, G. (1999). Assessment of early childhood caries and dietary habits in a population of migrant Hispanic children in Stockton, California ASDC J Dent Child, 66(6), 395-403, 366	Study design
2117	Rannan-Eliya, R. P.,Hossain, S. M.,Anuranga, C.,Wickramasinghe, R.,Jayatissa, R.,Abeykoon, A. T. (2013). Trends and determinants of childhood stunting and underweight in Sri Lanka Ceylon Med J, 58(1), 10-8	Study design
2118	Ransome, O. J.,Chalmers, B.,Herman, A. A.,Reinach, S. G. (1988). Infant feeding in an urban community S Afr Med J, 74(8), 393-5	Country, Study design
2119	Rao, M. R.,Hediger, M. L.,Levine, R. J.,Naficy, A. B.,Vik, T. (2002). Effect of breastfeeding on cognitive development of infants born small for gestational age Acta Paediatr, 91(3), 267-74	Participant health, Intervention/exposure
2120	Rao, S.,Kanade, A. N. (1992). Prolonged breast-feeding and malnutrition among rural Indian children below 3 years of age Eur J Clin Nutr, 46(3), 187-95	Country
2121	Rao, S.,Rajpathak, V. (1992). Breastfeeding and weaning practices in relation to nutritional status of infants Indian pediatrics, 29(12), 1533-1539	Country
2122	Rasmussen, K. M.,Kjolhede, C. L. (2008). Maternal obesity: a problem for both mother and child Obesity (Silver Spring), 16(5), 929-31	Study design
2123	Rassin, D. K.,Raiha, N. C.,Minoli, I.,Moro, G. (1990). Taurine and cholesterol supplementation in the term infant: responses of growth and metabolism JPEN J Parenter Enteral Nutr, 14(4), 392-7	Size of study groups
2124	Ratageri, V. H.,Kabra, S. K.,Dwivedi, S. N.,Seth, V. (2000). Factors associated with severe asthma Indian Pediatr, 37(10), 1072-82	Country
2125	Rathnayake, K. M.,Satchithananthan, A.,Mahamithawa, S.,Jayawardena, R. (2013). Early life predictors of preschool overweight and obesity: a case-control study in Sri Lanka BMC Public Health, 13(#issue#), 994	Study design, Intervention/exposure
2126	Ravelli, A. C.,van der Meulen, J. H.,Osmond, C.,Barker, D. J.,Bleker, O. P. (2000). Infant feeding and adult glucose tolerance, lipid profile, blood pressure, and obesity Arch Dis Child, 82(3), 248-52	Intervention/exposure

	Full texts screened	Reason for exclusion
2127	Rawashdeh, M. O.,Khalil, B.,Raweily, E. (1996). Celiac disease in Arabs J Pediatr Gastroenterol Nutr, 23(4), 415-8	Study design, Intervention/exposure, Participant health
2128	Ray G (1985). Infant feeding. Psychology of choice Nurs Mirror, 160(#issue#), 25-8	Study design
2129	Reading, R. (2008). Effects of prolonged and exclusive breastfeeding on child behavior and maternal adjustment: evidence from a large, randomized trial...Kramer MS, Fombonne E, Igumnov S, Vanilovich L, Matush L, Mironova E, Bogdanovich N, Tremblay RE, Chalmers B, Zhang X & Platt RW for the PROBIT study group (2008) Pediatrics, 121, E435-40 Child: Care, Health & Development, 34(4), 547-547 1p	Publication status
2130	Rebhan, B.,Kohlhuber, M.,Schwegler, U.,Fromme, H.,Abou-Dakn, M.,Koletzko, B. V. (2009). Breastfeeding duration and exclusivity associated with infants' health and growth: data from a prospective cohort study in Bavaria, Germany Acta Paediatr, 98(6), 974-80	Intervention/exposure
2131	Regnault, N.,Botton, J.,Blanc, L.,Hankard, R.,Forhan, A.,Goua, V.,Thiebaugeorges, O.,Kaminski, M.,Heude, B.,Charles, M. A. (2011). Determinants of neonatal weight loss in term-infants: specific association with pre-pregnancy maternal body mass index and infant feeding mode Arch Dis Child Fetal Neonatal Ed, 96(3), F217-22	Outcome
2132	Regnault, N.,Botton, J.,Forhan, A.,Hankard, R.,Thiebaugeorges, O.,Hillier, T. A.,Kaminski, M.,Heude, B.,Charles, M. A. (2010). Determinants of early ponderal and statural growth in full-term infants in the EDEN mother-child cohort study Am J Clin Nutr, 92(3), 594-602	Outcome
2133	Reid, A. (2002). Infant feeding and post-neonatal mortality in Derbyshire, England, in the early twentieth century Popul Stud (Camb), 56(2), 151-66	Intervention/exposure, Outcome
2134	Renn, M. (1987). Baby milk: is breast second best? Nurs Times, 83(6), 19-20	Study design
2135	Rennie, A. M.,Rowand, J. (2012). The beautiful game and breastfeeding Pract Midwife, 15(9), 46	Study design
2136	Renz, H.,Brehler, C.,Petzoldt, S.,Prinz, H.,Rieger, C. H. (1991). Breast feeding modifies production of SIgA cow's milk-antibodies in infants Acta Paediatr Scand, 80(2), 149-54	Outcome
2137	Reyes Romagosa, D. E.,Paneque Gamboa, M. R.,Almeida Muniz, Y.,Quesada Oliva, L. M.,Escalona Oliva, D.,Torres Naranjo, S. (2014). Risk factors associated with deforming oral habits in children aged 5 to 11: a case-control study Medwave, 14(2), e5927	Language
2138	Reyes, H.,Perez-Cuevas, R.,Salmeron, J.,Tome, P.,Guiscafre, H.,Gutierrez, G. (1997). Infant mortality due to acute respiratory infections: the influence of primary care processes Health Policy Plan, 12(3), 214-23	Participant health, Intervention/exposure
2139	Reyes, H.,Perez-Cuevas, R.,Sandoval, A.,Castillo, R.,Santos, J. I.,Doubova, S. V.,Gutierrez, G. (2004). The family as a determinant of stunting in children living in conditions of extreme poverty: a case-control study BMC Public Health, 4(#issue#), 57	Study design
2140	Reyes, M.,Hoyos, V.,Martinez, S. M.,Lozoff, B.,Castillo, M.,Burrows, R.,Blanco, E.,Gahagan, S. (2014). Satiety responsiveness and eating behavior among Chilean adolescents and the role of breastfeeding Int J Obes (Lond), 38(4), 552-7	Intervention/exposure
2141	Reynolds, D.,Hennessy, E.,Polek, E. (2014). Is breastfeeding in infancy predictive of child mental well-being and protective against obesity at 9 years of age? Child Care Health Dev, 40(6), 882-90	Study design
2142	Rhodes C (1982). The benefits of breast-feeding J Pract Nurs, 32(#issue#), 19-21, 54-5	Study design
2143	Ribadeau-Dumas, B. (1983). Human milk Endeavour, 7(2), 80-7	Study design
2144	Ribas-Fito, N.,Cardo, E.,Sala, M.,Eulalia de Muga, M.,Mazon, C.,Verdu, A.,Kogevinas, M.,Grimalt, J. O.,Sunyer, J. (2003). Breastfeeding, exposure to organochlorine compounds, and neurodevelopment in infants Pediatrics, 111(5 Pt 1), e580-5	Size of study groups
2145	Ribas-Fito, N.,Julvez, J.,Torrent, M.,Grimalt, J. O.,Sunyer, J. (2007). Beneficial effects of breastfeeding on cognition regardless of DDT concentrations at birth Am J Epidemiol, 166(10), 1198-202	Intervention/exposure
2146	Ricco, R. G.,Nogueira-de-Almeida, C. A.,Del Ciampo, L. A.,Daneluzzi, J. C.,Ferlin, M. L.,Muccillo, G. (2001). Growth of exclusively breast-fed infants from a poor urban population Arch Latinoam Nutr, 51(2), 122-6	Intervention/exposure

	Full texts screened	Reason for exclusion
2147	Richards, M.,Hardy, R.,Wadsworth, M. E. (2002). Long-term effects of breast-feeding in a national birth cohort: educational attainment and midlife cognitive function Public Health Nutr, 5(5), 631-5	Outcome
2148	Richards, M.,Wadsworth, M.,Rahimi-Foroushani, A.,Hardy, R.,Kuh, D.,Paul, A. (1998). Infant nutrition and cognitive development in the first offspring of a national UK birth cohort Dev Med Child Neurol, 40(3), 163-7	Intervention/exposure
2149	Richardson, B. D.,Cleaton-Jones, P. E.,McInnes, P. M.,Rantsho, J. M. (1981). Infant feeding practices and nursing bottle caries ASDC J Dent Child, 48(6), 423-9	Study design, Outcome
2150	Rich-Edwards, J. W.,Stampfer, M. J.,Manson, J. E.,Rosner, B.,Hu, F. B.,Michels, K. B.,Willett, W. C. (2004). Breastfeeding during infancy and the risk of cardiovascular disease in adulthood Epidemiology, 15(5), 550-6	Intervention/exposure
2151	Richman, D.,Dixon, S. (1985). Comparative study of Cambodian, Hmong, and Caucasian infant and maternal perinatal profiles J Nurse Midwifery, 30(6), 313-9	Intervention/exposure
2152	Rigas, A.,Rigas, B.,Glassman, M.,Yen, Y. Y.,Shou Jen, Lan,Petridou, E.,Hsieh, C. C.,Trichopoulos, D. (1993). Breast-feeding and maternal smoking in the etiology of Crohn's disease and ulcerative colitis in childhood Annals of Epidemiology, 3(4), 387-392	Outcome
2153	Rigby, A. S.,Sanderson, C.,Desforges, M. F.,Lindsay, G.,Hall, D. M. (1999). The infant index: a new outcome measure for pre-school children's services J Public Health Med, 21(2), 172-8	Outcome
2154	Rigo, J.,Salle, B. L.,Cavero, E.,Richard, P.,Putet, G.,Senterre, J. (1994). Plasma amino acid and protein concentrations in infants fed human milk or a whey protein hydrolysate formula during the first month of life Acta Paediatr, 83(2), 127-31	Size of study groups
2155	Rigo, J.,Salle, B. L.,Picaud, J. C.,Putet, G.,Senterre, J. (1995). Nutritional evaluation of protein hydrolysate formulas Eur J Clin Nutr, 49 Suppl 1(#issue#), S26-38	Size of study groups
2156	Riordan, J.,Countryman, B. A. (1980). Basics of breastfeeding. Part IV: Preparation for breastfeeding and early optimal functioning JOGN Nurs, 9(5), 277-83	Study design, Outcome
2157	Rios-Castillo, I.,Cerezo, S.,Corvalan, C.,Martinez, M.,Kain, J. (2015). Risk factors during the prenatal period and the first year of life associated with overweight in 7-year-old low-income Chilean children Matern Child Nutr, 11(4), 595-605	Outcome
2158	Riva, V.,Battaglia, M.,Nobile, M.,Cattaneo, F.,Lazazzera, C.,Mascheretti, S.,Giorda, R.,Merette, C.,Emond, C.,Maziade, M.,Marino, C. (2015). GRIN2B predicts attention problems among disadvantaged children Eur Child Adolesc Psychiatry, 24(7), 827-36	Study design
2159	Roberts AK (1987). Prospects for further approximation of infant formulae to human milk Midwife Health Visit Community Nurse, 23(#issue#), 140-6	Study design, Outcome
2160	Roberts, C. C.,Chan, G. M.,Folland, D.,Rayburn, C.,Jackson, R. (1981). Adequate bone mineralization in breast-fed infants J Pediatr, 99(2), 192-6	Size of study groups
2161	Roberts, D. W. (1980). Growth of breast fed and bottle fed infants N Z Med J, 92(664), 45-6	Outcome
2162	Roberts, G. J. (1982). Is breast feeding a possible cause of dental caries? J Dent, 10(4), 346-52	Study design
2163	Roberts, S. E.,Wotton, C. J.,Williams, J. G.,Griffith, M.,Goldacre, M. J. (2011). Perinatal and early life risk factors for inflammatory bowel disease World J Gastroenterol, 17(6), 743-9	Outcome
2164	Robertson, L.,Harrild, K. (2010). Maternal and neonatal risk factors for childhood type 1 diabetes: a matched case-control study BMC Public Health, 10(#issue#), 281	Outcome
2165	Robinson, M.,Oddy, W. H.,Li, J.,Kendall, G. E.,de Klerk, N. H.,Silburn, S. R.,Zubrick, S. R.,Newnham, J. P.,Stanley, F. J.,Mattes, E. (2008). Pre- and postnatal influences on preschool mental health: a large-scale cohort study J Child Psychol Psychiatry, 49(10), 1118-28	Outcome
2166	Robinson, S. M.,Crozier, S. R.,Harvey, N. C.,Barton, B. D.,Law, C. M.,Godfrey, K. M.,Cooper, C.,Inskip, H. M. (2015). Modifiable early-life risk factors for childhood adiposity and overweight: an analysis of their combined impact and potential for prevention Am J Clin Nutr, 101(2), 368-75	Intervention/exposure

	Full texts screened	Reason for exclusion
2167	Robinson, S. M.,Marriott, L. D.,Crozier, S. R.,Harvey, N. C.,Gale, C. R.,Inskip, H. M.,Baird, J.,Law, C. M.,Godfrey, K. M.,Cooper, C. (2009). Variations in infant feeding practice are associated with body composition in childhood: a prospective cohort study J Clin Endocrinol Metab, 94(8), 2799-805	Intervention/exposure
2168	Rochat, F.,Cherbut, C.,Barclay, D.,Puccio, G.,Fazzolari-Nesci, A.,Grathwohl, D.,Haschke, F. (2007). A whey-predominant formula induces fecal microbiota similar to that found in breast-fed infants Nutrition Research, 27(12), 735-740	Size of study groups, Outcome
2169	Roche, A. F.,Guo, S.,Siervogel, R. M.,Khamis, H. J.,Chandra, R. K. (1993). Growth comparison of breast-fed and formula-fed infants Can J Public Health, 84(2), 132-5	Outcome
2170	Rodekamp, E.,Harder, T.,Kohlhoff, R.,Dudenhausen, J. W.,Plagemann, A. (2006). Impact of breast-feeding on psychomotor and neuropsychological development in children of diabetic mothers: role of the late neonatal period J Perinat Med, 34(6), 490-6	Intervention/exposure
2171	Rodekamp, E.,Harder, T.,Kohlhoff, R.,Franke, K.,Dudenhausen, J. W.,Plagemann, A. (2005). Long-term impact of breast-feeding on body weight and glucose tolerance in children of diabetic mothers: role of the late neonatal period and early infancy Diabetes Care, 28(6), 1457-62	Outcome
2172	Rodriguez Martinez, C.,Sossa, M.,Goss, C. H. (2008). Factors associated with severe disease in a population of asthmatic children of Bogota, Colombia J Asthma, 45(2), 141-7	Study design
2173	Rodriguez-Lopez, M.,Osorio, L.,Acosta-Rojas, R.,Figueras, J.,Cruz-Lemini, M.,Figueras, F.,Bijnens, B.,Gratacos, E.,Crispi, F. (2015). Influence of breastfeeding and postnatal nutrition on cardiovascular remodeling induced by fetal growth restriction Pediatr Res, #volume#(#issue#), #Pages#	Participant health, Intervention/exposure
2174	Roelants, M.,Hauspie, R.,Hoppenbrouwers, K. (2010). Breastfeeding, growth and growth standards: Performance of the WHO growth standards for monitoring growth of Belgian children Ann Hum Biol, 37(1), 2-9	Intervention/exposure
2175	Rogan, W. J.,Gladen, B. C. (1993). Breast-feeding and cognitive development Early Hum Dev, 31(3), 181-93	Outcome
2176	Rolland-Cachera, M. F.,Peneau, S. (2011). Assessment of growth: variations according to references and growth parameters used Am J Clin Nutr, 94(6 Suppl), 1794S-1798S	Study design
2177	Romano, A. M. (2006). Longer duration of breastfeeding is associated with lower risk of type-2 diabetes (abst; commentary) Journal of Perinatal Education, 15(2), 54-55 2p	Study design
2178	Romero, C. C.,Scavone Jr, H.,Garib, D. G.,Cotrim-Ferreira, F. A.,Ferreira, I. R. (2011). Breastfeeding and non-nutritive sucking patterns related to the prevalence of anterior open bite in primary dentition Journal of Applied Oral Science, 19(2), 161-168	Study design
2179	Romieu, I.,Werneck, G.,Ruiz Velasco, S.,White, M.,Hernandez, M. (2000). Breastfeeding and asthma among Brazilian children J Asthma, 37(7), 575-83	Study design
2180	Rona, R. J.,Smeeton, N. C.,Bustos, P.,Amiga, H.,Diaz, P. V. (2005). The early origins hypothesis with an emphasis on growth rate in the first year of life and asthma: A prospective study in Chile Thorax, 60(7), 549-554	Outcome
2181	Rosas-Salazar, C.,Forno, E.,Brehm, J. M.,Han, Y. Y.,Acosta-Perez, E.,Cloutier, M. M.,Wakefield, D. B.,Alvarez, M.,Colon-Semidey, A.,Canino, G.,Celedon, J. C. (2015). Breastfeeding duration and asthma in Puerto Rican children Pediatr Pulmonol, 50(6), 527-34	Outcome
2182	Rose, C. M.,Savage, J. S.,Birch, L. L. (2016). Patterns of early dietary exposures have implications for maternal and child weight outcomes Obesity (Silver Spring), 24(2), 430-8	Study design, Intervention/exposure
2183	Rosenbauer, J.,Herzig, P.,Giani, G. (2008). Early infant feeding and risk of type 1 diabetes mellitus-a nationwide population-based case-control study in pre-school children Diabetes Metab Res Rev, 24(3), 211-22	Outcome
2184	Rosenbauer, J.,Herzig, P.,Kaiser, P.,Giani, G. (2007). Early nutrition and risk of Type 1 diabetes mellitus--a nationwide case-control study in preschool children Exp Clin Endocrinol Diabetes, 115(8), 502-8	Duplicate
2185	Rosenberg, M. (1989). Breast-feeding and infant mortality in Norway 1860-1930 J Biosoc Sci, 21(3), 335-48	Intervention/exposure

	Full texts screened	Reason for exclusion
2186	Rosenblatt, A.,Zarzar, P. (2002). The prevalence of early childhood caries in 12- to 36-month-old children in Recife, Brazil ASDC J Dent Child, 69(3), 319-24, 236	Study design
2187	Rosenblatt, W. H.,Brown, E. G. (1988). The nutritional status of breast-fed infants in a rural Peruvian community J Trop Pediatr, 34(6), 319-22	Study design
2188	Rossiter, J. C. (1993). Breast-feeding, the better option: getting the message across World Health Forum, 14(3), 316-8	Study design
2189	Rossiter, M. D.,Colapinto, C. K.,Khan, M. K.,McIsaac, J. L.,Williams, P. L.,Kirk, S. F.,Veugelers, P. J. (2015). Breast, Formula and Combination Feeding in Relation to Childhood Obesity in Nova Scotia, Canada Matern Child Health J, 19(9), 2048-56	Study design
2190	Rossiter, M. D.,Evers, S. E. (2013). Infant feeding practices and children's weight status Can J Diet Pract Res, 74(3), 107-13	Intervention/exposure, Outcome
2191	Roszkowska, R.,Taranta-Janusz, K.,Tenderenda-Banasiuk, E.,Wasilewska, A. (2014). Increased circulating inflammatory markers may indicate that formula-fed children are at risk of atherosclerosis Acta Paediatr, 103(8), e354-8	Study design, Outcome
2192	Roszkowska, R.,Taranta-Janusz, K.,Tenderenda-Banasiuk, E.,Wasilewska, A. (2015). The effects of breastfeeding on serum asymmetric dimethylarginine levels and body composition in children Breastfeed Med, 10(#issue#), 38-44	Study design
2193	Roth DE (2016). Maternal postpartum high-dose vitamin D3 supplementation (6400 IU/day) or conventional infant vitamin D3 supplementation (400 IU/day) lead to similar vitamin D status of healthy exclusively/fully breastfeeding infants by 7 months of age Evid Based Med, 21(#issue#), 75	Study design, Intervention/exposure
2194	Rothenbacher, D.,Weyermann, M.,Beermann, C.,Brenner, H. (2005). Breastfeeding, soluble CD14 concentration in breast milk and risk of atopic dermatitis and asthma in early childhood: birth cohort study Clin Exp Allergy, 35(8), 1014-21	Outcome
2195	Rousseau, E. H.,Lescop, J. N.,Fontaine, S.,Lambert, J.,Roy, C. C. (1982). Influence of cultural and environmental factors on breast-feeding Can Med Assoc J, 127(8), 701-4	Outcome
2196	Routi, T.,Ronnemaa, T.,Viikari, J. S.,Leino, A.,Valimaki, I. A.,Simell, O. G. (1997). Tracking of serum lipoprotein (a) concentration and its contribution to serum cholesterol values in children from 7 to 36 months of age in the STRIP Baby Study. Special Turku Coronary Risk Factor Intervention Project for Babies Ann Med, 29(6), 541-7	Intervention/exposure, Outcome
2197	Rowland, M. G. (1985). The "why" and "when" of introducing food to infants: growth in young breast-fed infants and some nutritional implications Am J Clin Nutr, 41(2 Suppl), 459-63	Study design
2198	Rowntree, S.,Cogswell, J. J.,Platts-Mills, T. A.,Mitchell, E. B. (1985). Development of IgE and IgG antibodies to food and inhalant allergens in children at risk of allergic disease Arch Dis Child, 60(8), 727-35	Size of study groups, Outcome
2199	Rubin, D. H.,Leventhal, J. M.,Krasilnikoff, P. A.,Kuo, H. S.,Jekel, J. F.,Weile, B.,Levee, A.,Kurzon, M.,Berget, A. (1990). Relationship between infant feeding and infectious illness: a prospective study of infants during the first year of life Pediatrics, 85(4), 464-71	Intervention/exposure
2200	Rudant, J.,Lightfoot, T.,Urayama, K. Y.,Petridou, E.,Dockerty, J. D.,Magnani, C.,Milne, E.,Spector, L. G.,Ashton, L. J.,Dessypris, N.,Kang, A. Y.,Miller, M.,Rondelli, R.,Simpson, J.,Stiakaki, E.,Orsi, L.,Roman, E.,Metayer, C.,Infante-Rivard, C.,Clavel, J. (2015). Childhood acute lymphoblastic leukemia and indicators of early immune stimulation: A childhood leukemia international consortium study American Journal of Epidemiology, 181(8), 549-562	Study design
2201	Rudant, J.,Orsi, L.,Bonaventure, A.,Goujon-Bellec, S.,Baruchel, A.,Petit, A.,Bertrand, Y.,Nelken, B.,Pasquet, M.,Michel, G.,Saumet, L.,Chastagner, P.,Ducassou, S.,Reguerre, Y.,Hemon, D.,Clavel, J. (2015). ARID5B, IKZF1 and non-genetic factors in the etiology of childhood acute lymphoblastic leukemia: the ESCALE study PLoS One, 10(3), e0121348	Intervention/exposure
2202	Rudant, J.,Orsi, L.,Menegaux, F.,Petit, A.,Baruchel, A.,Bertrand, Y.,Lambilliotte, A.,Robert, A.,Michel, G.,Margueritte, G.,Tandonnet, J.,Mechinaud, F.,Bordigoni, P.,Hemon, D.,Clavel, J. (2010). Childhood acute leukemia, early common infections, and allergy: The ESCALE Study Am J Epidemiol, 172(9), 1015-27	Outcome
2203	Rudnicka, A. R.,Owen, C. G.,Richards, M.,Wadsworth, M. E.,Strachan, D. P. (2008). Effect of breastfeeding and sociodemographic factors on visual outcome in childhood and adolescence Am J Clin Nutr, 87(5), 1392-9	Outcome

	Full texts screened	Reason for exclusion
2204	Rudnicka, A. R.,Owen, C. G.,Strachan, D. P. (2007). The effect of breastfeeding on cardiorespiratory risk factors in adult life Pediatrics, 119(5), e1107-15	Intervention/exposure
2205	Rudzeviciene, O.,Narkeviciute, I.,Eidukevicius, R. (2004). Lactose malabsorption in young Lithuanian children with atopic dermatitis Acta Paediatr, 93(4), 482-6	Intervention/exposure
2206	Ruijsbroek, A.,Wijga, A. H.,Kerkhof, M.,Koppelman, G. H.,Smit, H. A.,Droomers, M. (2011). The development of socio-economic health differences in childhood: results of the Dutch longitudinal PIAMA birth cohort BMC Public Health, 11(#issue#), 225	Outcome
2207	Ruiz-Charles, M. G.,Castillo-Rendón, R.,Bermúdez-Felizardo, F. (2002). Risk factors associated to bronchiolitis in infants less than two years of age Revista de Investigacion Clinica, 54(2), 125-132	Language
2208	Ruiz-Palacios, G. M.,Calva, J. J.,Pickering, L. K.,Lopez-Vidal, Y.,Volkow, P.,Pezzarossi, H.,West, M. S. (1990). Protection of breast-fed infants against Campylobacter diarrhea by antibodies in human milk J Pediatr, 116(5), 707-13	Size of study groups
2209	Rullo, V. E.,Arruda, L. K.,Cardoso, M. R.,Valente, V.,Zampolo, A. S.,Nobrega, F.,Naspitz, C. K.,Sole, D. (2009). Respiratory infection, exposure to mouse allergen and breastfeeding: role in recurrent wheezing in early life Int Arch Allergy Immunol, 150(2), 172-8	Intervention/exposure
2210	Rusconi, F.,Galassi, C.,Corbo, G. M.,Forastiere, F.,Biggeri, A.,Ciccone, G.,Renzoni, E.,Camerlengo, A.,Bugiani, M.,Dalmasso, P.,Faggiano, F.,Volante, T. F.,Magnani, C.,Natale, P.,Piccioni, P.,Bisanti, L.,Gianelle, V.,Sideri, S.,Piffer, S.,Filippetti, F.,Nava, E.,Biocca, M.,Canossa, E.,Cavalchi, B.,Cervino, D.,Cattani, S.,De'Munari, E.,Deserti, M.,Ferro, S.,Fortezza, F.,Frigo, F.,Martini, M.,Mazzali, P.,Paterlini, L.,Sogni, R.,Zanini, M.,Romagna, E.,Chellini, E.,Agati, L.,Barletta, E.,Bini, G.,Bini, M.,Chetoni, L.,Grechi, D.,Costantini, A. S.,Sestini, P.,Viegi, G.,Agabiti, N.,Dell'Orco, V.,Mallone, S.,Micera, C.,Palermo, P.,Pallotti, G.,Piras, C.,Pistelli, R.,Salera, E.,Argentini, D.,Chiarucci, G. (1999). Risk factors for early, persistent, and late-onset wheezing in young children American Journal of Respiratory and Critical Care Medicine, 160(5 I), 1617-1622	Study design
2211	Rush, E. C.,Paterson, J.,Obolonkin, V. V.,Puniani, K. (2008). Application of the 2006 WHO growth standard from birth to 4 years to Pacific Island children Int J Obes (Lond), 32(3), 567-72	Intervention/exposure
2212	Rush, E.,Gao, W.,Funaki-Tahifote, M.,Ngamata, R.,Matenga-Smith, T.,Cassidy, M.,Paterson, J. (2010). Birth weight and growth trajectory to six years in Pacific children Int J Pediatr Obes, 5(2), 192-9	Intervention/exposure
2213	Russo, R. M.,Patel, R.,Laude, T. A.,Rajkumar, S. V.,Gururaj, V. J. (1981). Infant feeding practices by ethno-cultural grouping J Med Soc N J, 78(11), 737-40	Study design, Outcome
2214	Rutishauser, I. H.,McKay, H. M.,Wahlqvist, M. L. (1982). Does breast feeding have nutritional advantages over bottle feeding? Aust Fam Physician, 11(4), 249-50, 252-3, 255-6	Study design
2215	Ruuska, T. (1992). Occurrence of acute diarrhea in atopic and nonatopic infants: the role of prolonged breast-feeding J Pediatr Gastroenterol Nutr, 14(1), 27-33	Outcome
2216	Ruuska, T.,Vesikari, T. (1991). A prospective study of acute diarrhoea in Finnish children from birth to 2 1/2 years of age Acta Paediatr Scand, 80(5), 500-7	Size of study groups
2217	Ruys, J. H.,de Jonge, G. A.,Brand, R.,Engelberts, A. C.,Semmekrot, B. A. (2007). Bed-sharing in the first four months of life: a risk factor for sudden infant death Acta Paediatr, 96(10), 1399-403	Study design
2218	Rylander, E.,Pershagen, G.,Eriksson, M.,Nordvall, L. (1993). Parental smoking and other risk factors for wheezing bronchitis in children Eur J Epidemiol, 9(5), 517-26	Intervention/exposure
2219	Rzehak, P.,Sausenthaler, S.,Koletzko, S.,Bauer, C. P.,Schaaf, B.,von Berg, A.,Berdel, D.,Borte, M.,Herbarth, O.,Kramer, U.,Fenske, N.,Wichmann, H. E.,Heinrich, J. (2009). Period-specific growth, overweight and modification by breastfeeding in the GINI and LISA birth cohorts up to age 6 years Eur J Epidemiol, 24(8), 449-67	Intervention/exposure

	Full texts screened	Reason for exclusion
2220	Rzehak, P.,Sausenthaler, S.,Koletzko, S.,Reinhardt, D.,von Berg, A.,Kramer, U.,Berdel, D.,Bollrath, C.,Grubl, A.,Bauer, C. P.,Wichmann, H. E.,Heinrich, J. (2009). Short- and long-term effects of feeding hydrolyzed protein infant formulas on growth at < or = 6 y of age: results from the German Infant Nutritional Intervention Study Am J Clin Nutr, 89(6), 1846-56	Intervention/exposure
2221	Saarinen, K. M.,Juntunen-Backman, K.,Jarvenpaa, A. L.,Klemetti, P.,Kuitunen, P.,Lope, L.,Renlund, M.,Siivola, M.,Vaarala, O.,Savilahti, E. (2000). Breast-feeding and the development of cows' milk protein allergy Adv Exp Med Biol, 478(#issue#), 121-30	Intervention/exposure, Publication status
2222	Saarinen, K. M.,Juntunen-Backman, K.,Jarvenpaa, A. L.,Kuitunen, P.,Lope, L.,Renlund, M.,Siivola, M.,Savilahti, E. (1999). Supplementary feeding in maternity hospitals and the risk of cow's milk allergy: A prospective study of 6209 infants J Allergy Clin Immunol, 104(2 Pt 1), 457-61	Study design, Intervention/exposure
2223	Saarinen, K. M.,Savilahti, E. (2000). Infant feeding patterns affect the subsequent immunological features in cow's milk allergy Clin Exp Allergy, 30(3), 400-6	Participant health, Outcomes
2224	Saarinen, U. M. (1982). Prolonged breast feeding as prophylaxis for recurrent otitis media Acta Paediatr Scand, 71(4), 567-71	Intervention/exposure
2225	Saarinen, U. M.,Kajosaari, M. (1995). Breastfeeding as prophylaxis against atopic disease: prospective follow-up study until 17 years old Lancet, 346(8982), 1065-9	Intervention/exposure
2226	Saarinen, U. M.,Kajosaari, M.,Backman, A. (1982). Birch pollen allergy in children. Role of milk feeding during the first birch season of life Allergy, 37(5), 345-50	Outcome
2227	Sabanayagam, C.,Shankar, A.,Chong, Y. S.,Wong, T. Y.,Saw, S. M. (2009). Breast-feeding and overweight in Singapore school children Pediatr Int, 51(5), 650-6	Study design
2228	Sabuncuoglu, O.,Orengul, C.,Bikmazer, A.,Kaynar, S. Y. (2014). Breastfeeding and parafunctional oral habits in children with and without attention-deficit/hyperactivity disorder Breastfeed Med, 9(5), 244-50	Outcome
2229	Sacker, A.,Kelly, Y.,Iacovou, M.,Cable, N.,Bartley, M. (2013). Breast feeding and intergenerational social mobility: what are the mechanisms? Arch Dis Child, 98(9), 666-71	Intervention/exposure, Outcome
2230	Sacker, A.,Quigley, M. A.,Kelly, Y. J. (2006). Breastfeeding and developmental delay: findings from the millennium cohort study Pediatrics, 118(3), e682-9	Study design
2231	Sadauskaite-Kuehne, V.,Ludvigsson, J.,Padaiga, Z.,Jasinskiene, E.,Samuelsson, U. (2004). Longer breastfeeding is an independent protective factor against development of type 1 diabetes mellitus in childhood Diabetes Metab Res Rev, 20(2), 150-7	Outcome
2232	Sadeharju, K.,Knip, M.,Virtanen, S. M.,Savilahti, E.,Tauriainen, S.,Koskela, P.,Akerblom, H. K.,Hyoty, H. (2007). Maternal antibodies in breast milk protect the child from enterovirus infections Pediatrics, 119(5), 941-6	Outcome
2233	Saeed, M.,Waseem, Q.,Ali Shair, Q.,Omonogun, B. A.,Al Husein, A. (2008). Vitamin D deficiency rickets in Maternity and Children's Hospital, Najran, Saudi Arabia Pakistan Paediatric Journal, 32(3), 145-148	Publication status
2234	Sahakyan, A.,Armenian, H. K.,Breitscheidel, L.,Thompson, M. E.,Enokyan, G. (2006). Feeding practices of babies and the development of atopic dermatitis in children after 12 months of age in Armenia: Is there a signal? European Journal of Epidemiology, 21(9), 723-725	Intervention/exposure
2235	Sahin, F.,Camurdan, A. D.,Camurdan, M. O.,Olmez, A.,Oznurhan, F.,Beyazova, U. (2008). Factors affecting the timing of teething in healthy Turkish infants: a prospective cohort study Int J Paediatr Dent, 18(4), 262-6	Intervention/exposure, Outcome
2236	Sajjad, A.,Tharner, A.,Kiefte-de Jong, J. C.,Jaddoe, V. V.,Hofman, A.,Verhulst, F. C.,Franco, O. H.,Tiemeier, H.,Roza, S. J. (2015). Breastfeeding duration and non-verbal IQ in children J Epidemiol Community Health, 69(8), 775-81	Outcome
2237	Saki Malehi, A.,Hajizadeh, E.,Ahmadi, K.,Kholdi, N. (2014). Modeling the recurrent failure to thrive in less than two-year children: recurrent events survival analysis J Res Health Sci, 14(1), 96-9	Outcome
2238	Salah, M.,Abdel-Aziz, M.,Al-Farok, A.,Jebrini, A. (2013). Recurrent acute otitis media in infants: analysis of risk factors Int J Pediatr Otorhinolaryngol, 77(10), 1665-9	Non-human sample, Participant health

	Full texts screened	Reason for exclusion
2239	Salariya, E. M. (1993). Breast versus bottle feeding Nutr Health, 9(1), 33-6	Study design
2240	Salariya, E. M.,Easton, P. M.,Cater, J. I. (1979). Early and often for best results. RCT on breast feeding Nursing mirror, 148(#issue#), 15-7	Size of study groups, Outcome
2241	Salariya, E. M.,Robertson, C. M. (1993). Relationships between baby feeding types and patterns, gut transit time of meconium and the incidence of neonatal jaundice Midwifery, 9(4), 235-42	Outcome
2242	Sala-Vila, A.,Campoy, C.,Castellote, A. I.,Garrido, F. J.,Rivero, M.,Rodríguez-Palmero, M.,López-Sabater, M. C. (2006). Influence of dietary source of docosahexaenoic and arachidonic acids on their incorporation into membrane phospholipids of red blood cells in term infants Prostaglandins Leukotrienes and Essential Fatty Acids, 74(2), 143-148	Size of study groups
2243	Sala-Vila, A.,Castellote, A. I.,Campoy, C.,Rivero, M.,Rodriguez-Palmero, M.,Lopez-Sabater, M. C. (2004). The source of long-chain PUFA in formula supplements does not affect the fatty acid composition of plasma lipids in full-term infants J Nutr, 134(4), 868-73	Size of study groups
2244	Salazar, J. C.,Daly, K. A.,Giebink, G. S.,Lindgren, B. R.,Liebeler, C. L.,Meland, M.,Le, C. T. (1997). Low cord blood pneumococcal immunoglobulin G (IgG) antibodies predict early onset acute otitis media in infancy Am J Epidemiol, 145(11), 1048-56	Intervention/exposure
2245	Salmenpera, L.,Perheentupa, J.,Siimes, M. A. (1985). Exclusively breast-fed healthy infants grow slower than reference infants Pediatr Res, 19(3), 307-12	Intervention/exposure
2246	Salmenpera, L.,Perheentupa, J.,Siimes, M. A.,Adrian, T. E.,Bloom, S. R.,Aynsley-Green, A. (1988). Effects of feeding regimen on blood glucose levels and plasma concentrations of pancreatic hormones and gut regulatory peptides at 9 months of age: comparison between infants fed with milk formula and infants exclusively breast-fed from birth J Pediatr Gastroenterol Nutr, 7(5), 651-6	Size of study groups
2247	Salmon, T. G., Jr. (1997). Early childhood caries: a private practitioner's perspective Pediatr Dent, 19(1), 63-4	Study design
2248	Salo, P.,Viikari, J.,Hamalainen, M.,Lapinleimu, H.,Routi, T.,Ronnemaa, T.,Seppanen, R.,Jokinen, E.,Valimaki, I.,Simell, O. (1999). Serum cholesterol ester fatty acids in 7- and 13-month-old children in a prospective randomized trial of a low-saturated fat, low-cholesterol diet: the STRIP baby project. Special Turku coronary Risk factor Intervention Project for children Acta Paediatr, 88(5), 505-12	Intervention/exposure
2249	Salo, P.,Viikari, J.,Ronnemaa, T.,Hamalainen, M.,Jokinen, E.,Valimaki, I.,Simell, O. (1997). Milk type during mixed feeding: contribution to serum cholesterol ester fatty acids in late infancy J Pediatr, 130(1), 110-6	Intervention/exposure
2250	Salsberry, P. J.,Reagan, P. B. (2005). Dynamics of early childhood overweight Pediatrics, 116(6), 1329-38	Outcome
2251	Salsberry, P. J.,Reagan, P. B. (2007). Taking the long view: the prenatal environment and early adolescent overweight Res Nurs Health, 30(3), 297-307	Outcome
2252	Salvioli, G. P.,Faldella, G.,Alessandroni, R.,Lanari, M.,Di Turi, R. P. (1995). Iron nutrition and iron status changes in Italian infants in the last decade Ann Ist Super Sanita, 31(4), 455-9	Study design
2253	Samarakkody, D.,Fernando, D.,McClure, R.,Perera, H.,De Silva, H. (2012). Prevalence of externalizing behavior problems in Sri Lankan preschool children: birth, childhood, and sociodemographic risk factors Soc Psychiatry Psychiatr Epidemiol, 47(5), 757-62	Study design
2254	Samuelsson, U.,Johansson, C.,Ludvigsson, J. (1993). Breast-feeding seems to play a marginal role in the prevention of insulin-dependent diabetes mellitus Diabetes Res Clin Pract, 19(3), 203-10	Outcome
2255	Samuelsson, U.,Ludvigsson, J. (2001). Seasonal variation of birth month and breastfeeding in children with diabetes mellitus J Pediatr Endocrinol Metab, 14(1), 43-6	Outcome
2256	Sanchez-Molins, M.,Grau Carbo, J.,Lischeid Gaig, C.,Ustrell Torrent, J. M. (2010). Comparative study of the craniofacial growth depending on the type of lactation received Eur J Paediatr Dent, 11(2), 87-92	Size of study groups, Intervention/exposure
2257	Sánchez-Uribe, E.,Esparza-Aguilar, M.,Gastañaduy, P. A.,Desai, R.,Patel, M.,Richardson, V. (2013). Risk factors associated with rotavirus gastroenteritis during a community outbreak in Chiapas, Mexico during the postvaccination Era Journal of the Pediatric Infectious Diseases Society, 2(1), 15-20	Intervention/exposure

	Full texts screened	Reason for exclusion
2258	Sanchez-Valverde, F.,Gil, F.,Martinez, D.,Fernandez, B.,Aznal, E.,Oscoz, M.,Olivera, J. E. (2009). The impact of caesarean delivery and type of feeding on cow's milk allergy in infants and subsequent development of allergic march in childhood Allergy, 64(6), 884-9	Participant health
2259	Sanders TA,Reddy S (1992). The influence of a vegetarian diet on the fatty acid composition of human milk and the essential fatty acid status of the infant J Pediatr, 120(#issue#), S71-7	Size of study groups
2260	Sandini, U.,Kukkonen, A. K.,Poussa, T.,Sandini, L.,Savilahti, E.,Kuitunen, M. (2011). Protective and risk factors for allergic diseases in high-risk children at the ages of two and five years Int Arch Allergy Immunol, 156(3), 339-48	Outcome
2261	Sandstrom, O.,Lonnerdal, B.,Graverholt, G.,Hernell, O. (2008). Effects of alpha-lactalbumin-enriched formula containing different concentrations of glycomacropeptide on infant nutrition Am J Clin Nutr, 87(4), 921-8	Size of study groups
2262	Sanger, R. G.,Bystrom, E. B. (1982). Breast feeding: does it affect oral facial growth? Dent Hyg (Chic), 56(6), 44-7	Study design
2263	Sangun, O.,Dundar, B.,Kosker, M.,Pirgon, O.,Dundar, N. (2011). Prevalence of metabolic syndrome in obese children and adolescents using three different criteria and evaluation of risk factors J Clin Res Pediatr Endocrinol, 3(2), 70-6	Outcome
2264	Sanin, L. H.,Gonzalez-Cossio, T.,Romieu, I.,Peterson, K. E.,Ruiz, S.,Palazuelos, E.,Hernandez-Avila, M.,Hu, H. (2001). Effect of maternal lead burden on infant weight and weight gain at one month of age among breastfed infants Pediatrics, 107(5), 1016-23	Study design
2265	Sanjurjo, P.,Rodriguez-Alarcon, J.,Rodriguez-Soriano, J. (1988). Plasma fatty acid composition during the first week of life following feeding with human milk or formula Acta Paediatr Scand, 77(2), 202-6	Size of study groups
2266	Santorelli, G.,Fairley, L.,Petherick, E. S.,Cabieses, B.,Sahota, P. (2014). Ethnic differences in infant feeding practices and their relationship with BMI at 3 years of age - results from the Born in Bradford birth cohort study Br J Nutr, 111(10), 1891-7	Outcome
2267	Santos, C. A.,Strina, A.,Amorim, L. D.,Genser, B.,Assis, A. M.,Prado, M. S.,Barreto, M. L. (2012). Individual and contextual determinants of the duration of diarrhoeal episodes in preschool children: a longitudinal study in an urban setting Epidemiol Infect, 140(4), 689-96	Participant health
2268	Santos, I. S.,Matijasevich, A.,Assuncao, M. C.,Valle, N. C.,Horta, B. L.,Goncalves, H. D.,Gigante, D. P.,Martines, J. C.,Pelto, G.,Victora, C. G. (2015). Promotion of Weight Gain in Early Childhood Does Not Increase Metabolic Risk in Adolescents: A 15-Year Follow-Up of a Cluster-Randomized Controlled Trial J Nutr, 145(12), 2749-55	Intervention/exposure
2269	Santos, I. S.,Matijasevich, A.,Barros, A. J.,Albernaz, E. P.,Domingues, M. R.,Valle, N. C.,Malta, D. C.,Gorgot, L. R.,Barros, F. C. (2011). Avoidable deaths in the first four years of life among children in the 2004 Pelotas (Brazil) birth cohort study Cad Saude Publica, 27 Suppl 2(#issue#), S185-97	Outcome
2270	Santos, I.,Victora, C. G.,Martines, J.,Goncalves, H.,Gigante, D. P.,Valle, N. J.,Pelto, G. (2001). Nutrition counseling increases weight gain among Brazilian children J Nutr, 131(11), 2866-73	Intervention/exposure
2271	Sarasa Munoz, N. L. (2013). Mother's milk still best--and we must do better MEDICC Rev, 15(1), 48	Study design
2272	Sariachvili, M.,Droste, J.,Dom, S.,Wieringa, M.,Vellinga, A.,Hagendorens, M.,Bridts, C.,Stevens, W.,Sprundel, M. V.,Desager, K.,Weyler, J. (2007). Is breast feeding a risk factor for eczema during the first year of life? Pediatr Allergy Immunol, 18(5), 410-7	Outcome
2273	Sartorius, N. (2007). Learning how to speak Croat Med J, 48(2), 259-60	Study design
2274	Sasai, K.,Furukawa, S.,Kaneko, K.,Yabuta, K.,Baba, M. (1994). Fecal IgE levels in infants at 1 month of age as indicator of atopic disease Allergy, 49(9), 791-4	Study design, Size of study groups
2275	Sassen, M. L.,Brand, R.,Grote, J. J. (1994). Breast-feeding and acute otitis media Am J Otolaryngol, 15(5), 351-7	Outcome
2276	Sastry, N.,Burgard, S. (2011). Changes in Diarrheal Disease and Treatment Among Brazilian Children from 1986 to 1996 Popul Res Policy Rev, 30(1), 81-100	Study design
2277	Saukkonen, T.,Virtanen, S. M.,Karppinen, M.,Reijonen, H.,Ilonen, J.,Räsänen, L., (1998). Significance of cow's milk protein antibodies as risk factor for childhood IDDM: Interactions with dietary cow's milk intake and HLA-DQB1 genotype Diabetologia, 41(1), 72-78	Redundant data with another study

	Full texts screened	Reason for exclusion
2278	Savilahti, E.,Saarinen, K. M. (2009). Early infant feeding and type 1 diabetes Eur J Nutr, 48(4), 243-9	Outcome
2279	Savilahti, E.,Salmenpera, L.,Tainio, V. M.,Halme, H.,Perheentupa, J.,Siimes, M. A. (1987). Prolonged exclusive breast-feeding results in low serum concentrations of immunoglobulin G, A and M Acta Paediatr Scand, 76(1), 1-6	Intervention/exposure, Outcome
2280	Savilahti, E.,Siltanen, M.,Kajosaari, M.,Vaarala, O.,Saarinen, K. M. (2005). IgA antibodies, TGF-beta1 and -beta2, and soluble CD14 in the colostrum and development of atopy by age 4 Pediatr Res, 58(6), 1300-5	Outcome
2281	Savilahti, E.,Tainio, V. M.,Salmenpera, L.,Arjomaa, P.,Kallio, M.,Perheentupa, J.,Siimes, M. A. (1991). Levels of IgA and cow milk antibodies in breast milk vs. the development of atopy in children. Low colostral IgA associated with cow milk allergy Adv Exp Med Biol, 310(#issue#), 417-25	Intervention/exposure
2282	Savilahti, E.,Tainio, V. M.,Salmenpera, L.,Siimes, M. A.,Perheentupa, J. (1987). Prolonged exclusive breast feeding and heredity as determinants in infantile atopy Arch Dis Child, 62(3), 269-73	Outcome
2283	Savino, F.,Liguori, S. A.,Benetti, S.,Sorrenti, M.,Fissore, M. F.,Cordero di Montezemolo, L. (2013). High serum leptin levels in infancy can potentially predict obesity in childhood, especially in formula-fed infants Acta Paediatr, 102(10), e455-9	Outcome
2284	Savino, F.,Maccario, S.,Cresi, F.,Grasso, G.,Oggero, R.,Silvestro, L.,Mussa, G. C. (2004). Bioimpedance vector analysis in breastfed and formula-fed infants in the first six months of life Adv Exp Med Biol, 554(#issue#), 501-4	Size of study groups
2285	Savino, F.,Oggero, R.,Prino, A.,Mostert, M. (1997). Hypoantigenic (HA) milk formula and blood cholesterol level in infants at 3 months of age Acta Paediatr, 86(9), 1003-5	Outcome
2286	Savino, F.,Serraino, P.,Prino, A.,Oggero, R.,Bretto, R.,Mostert, M. (2000). Arachidonic (AA) and docosahexaenoic (DHA) acid content in healthy infants fed with an HA milk formula supplemented with LCPUFA and in breast fed infants Adv Exp Med Biol, 478(#issue#), 411-2	Study design, Size of study groups
2287	Savion I,Savion I (2007). Nursing of malnourished children with emphasis on polyunsaturated fatty acids Appl Nurs Res, 20(#issue#), 140-5	Intervention/exposure, Study design
2288	Sawchuk, L. A.,Burke, S. D. (2000). Mortality in an early Ontario community: Belleville 1876-1885 Urban Hist Rev, 29(1), 33-47	Study design
2289	Sawley, L. (1985). Bottle feeding Nurs Mirror, 160(3), 31-3	Study design
2290	Sawley, L. (1985). Breast is best Nurs Mirror, 160(2), 15-9	Study design
2291	Sawley, L. (1989). Infant feeding Nursing (Lond), 3(39), 18-23	Study design
2292	Say, G. N.,Karabekiroglu, K.,Babadagi, Z.,Yuce, M. (2015). Maternal stress and perinatal features in autism & attention deficit/ hyperactivity disorder Pediatr Int, #volume#(#issue#), #Pages#	Outcome
2293	Sayegh, A.,Dini, E. L.,Holt, R. D.,Bedi, R. (2002). Caries prevalence and patterns and their relationship to social class, infant feeding and oral hygiene in 4-5-year-old children in Amman, Jordan Community Dent Health, 19(3), 144-51	Study design
2294	Sayegh, A.,Dini, E. L.,Holt, R. D.,Bedi, R. (2005). Oral health, sociodemographic factors, dietary and oral hygiene practices in Jordanian children J Dent, 33(5), 379-88	Study design
2295	Sayyed, T.,Kandil, M.,Bashir, O.,Alnaser, H. (2014). The relationship between term pre-eclampsia and the risk of early childhood caries J Matern Fetal Neonatal Med, 27(1), 62-5	Size of study groups
2296	Scaglioni, S.,Agostoni, C.,Notaris, R. D.,Radaelli, G.,Radice, N.,Valenti, M.,Giovannini, M.,Riva, E. (2000). Early macronutrient intake and overweight at five years of age Int J Obes Relat Metab Disord, 24(6), 777-81	Outcome
2297	Scalabrin, D.,Mitmesser, S.,Birch, E.,Khoury, J.,Bean, J.,Harris, C.,Berseth, C. (2011). Lower incidence and less recurrence of allergic manifestations is observed in children who received docosahexaenoic acid/arachidonic acid in infancy via breast milk or supplemented formula Allergy: European Journal of Allergy and Clinical Immunology. Conference: 30th Congress of the European Academy of Allergy and Clinical Immunology Istanbul Turkey. Conference Start: 20110611 Conference End: 20110615. Conference Publication: (var.pagings), 66(94), 711	Publication status

	Full texts screened	Reason for exclusion
2298	Scariati, P. D.,Grummer-Strawn, L. M.,Fein, S. B. (1997). A longitudinal analysis of infant morbidity and the extent of breastfeeding in the United States Pediatrics, 99(6), E5	Outcome
2299	Scariati, P. D.,Grummer-Strawn, L. M.,Fein, S. B.,Yip, R. (1997). Risk of diarrhea related to iron content of infant formula: lack of evidence to support the use of low-iron formula as a supplement for breastfed infants Pediatrics, 99(3), E2	Intervention/exposure
2300	Scarlett D,Cargill M,Lyn-Sue J,Richardson S,McCaw-Binns A (1996). Breastfeeding prevalence among six-week-old infants at University Hospital of the West Indies West Indian Med J, 45(#issue#), 14-7	Study design
2301	Scerri, C.,Savona-Ventura, C. (2010). Early metabolic imprinting as a determinant of childhood obesity International Journal of Diabetes Mellitus, 2(3), 175-178	Study design
2302	Schach, B.,Haight, M. (2002). Colic and food allergy in the breastfed infant: is it possible for an exclusively breastfed infant to suffer from food allergy? J Hum Lact, 18(1), 50-2	Study design
2303	Schack-Nielsen, L.,Michaelsen, K. F.,Mortensen, E. L.,Sorensen, T. I.,Reinisch, J. M. (2004). Is duration of breastfeeding influencing the risk of obesity in adult males? Adv Exp Med Biol, 554(#issue#), 383-5	Study design
2304	Schack-Nielsen, L.,Molgaard, C.,Larsen, D.,Martyn, C.,Michaelsen, K. F. (2004). Arterial compliance in 10-year-old children in relation to breastfeeding Adv Exp Med Biol, 554(#issue#), 391-3	Duplicate
2305	Schack-Nielsen, L.,Molgaard, C.,Larsen, D.,Martyn, C.,Michaelsen, K. F. (2005). Arterial stiffness in 10-year-old children: current and early determinants Br J Nutr, 94(6), 1004-11	Outcome
2306	Schack-Nielsen, L.,Sorensen, TIa,Mortensen, E. L.,Michaelsen, K. F. (2010). Late introduction of complementary feeding, rather than duration of breastfeeding, may protect against adult overweight Am J Clin Nutr, 91(3), 619-27	Outcome
2307	Schaefer-Graf, U. M.,Hartmann, R.,Pawliczak, J.,Passow, D.,Abou-Dakn, M.,Vetter, K.,Kordonouri, O. (2006). Association of breast-feeding and early childhood overweight in children from mothers with gestational diabetes mellitus Diabetes Care, 29(5), 1105-7	Study design
2308	Scheer, B. (1985). Caries in children--the dietary factor Middle East Dent Oral Health, #volume#(3), 20-2	Study design
2309	Scheiwe, A.,Hardy, R.,Watt, R. G. (2010). Four-year follow-up of a randomized controlled trial of a social support intervention on infant feeding practices Matern Child Nutr, 6(4), 328-37	Study design, Intervention/exposure
2310	Schellscheidt, J.,Ott, A.,Jorch, G. (1997). Epidemiological features of sudden infant death after a German intervention campaign in 1992 Eur J Pediatr, 156(8), 655-60	Outcome
2311	Scherdel, P.,Botton, J.,Rolland-Cachera, M. F.,Leger, J.,Pele, F.,Ancel, P. Y.,Simon, C.,Castetbon, K.,Salanave, B.,Thibault, H.,Lioret, S.,Peneau, S.,Gusto, G.,Charles, M. A.,Heude, B. (2015). Should the WHO growth charts be used in France? PLoS One, 10(3), e0120806	Study design, Intervention/exposure
2312	Schilithz, A. O.,Kale, P. L.,Gama, S. G.,Nobre, F. F. (2014). Risk groups in children under six months of age using self-organizing maps Comput Methods Programs Biomed, 115(1), 1-10	Study design, Intervention/exposure
2313	Schluter, P. J.,Durward, C.,Cartwright, S.,Paterson, J. (2007). Maternal self-report of oral health in 4-year-old Pacific children from South Auckland, New Zealand: findings from the Pacific Islands Families Study J Public Health Dent, 67(2), 69-77	Outcome
2314	Schluter, P. J.,Ford, R. P.,Mitchell, E. A.,Taylor, B. J. (1998). Residential mobility and sudden infant death syndrome J Paediatr Child Health, 34(5), 432-7	Intervention/exposure
2315	Schluter, P. J.,Paterson, J.,Percival, T. (2007). Infant care practices associated with sudden infant death syndrome: findings from the Pacific Islands Families study J Paediatr Child Health, 43(5), 388-93	Study design
2316	Schmidt BJ (1983). Breast-feeding and infant morbidity and mortality in developing countries J Pediatr Gastroenterol Nutr, 2 Suppl 1(#issue#), S127-30	Study design
2317	Schmidt, M. E.,Rich, M.,Rifas-Shiman, S. L.,Oken, E.,Taveras, E. M. (2009). Television viewing in infancy and child cognition at 3 years of age in a US cohort Pediatrics, 123(3), e370-5	Intervention/exposure

	Full texts screened	Reason for exclusion
2318	Schmidt, R. J.,Tancredi, D. J.,Krakowiak, P.,Hansen, R. L.,Ozonoff, S. (2014). Maternal intake of supplemental iron and risk of autism spectrum disorder Am J Epidemiol, 180(9), 890-900	Intervention/exposure, Outcome
2319	Schmitt, J.,Romanos, M. (2012). Prenatal and perinatal risk factors for attention-deficit/hyperactivity disorder Arch Pediatr Adolesc Med, 166(11), 1074-5	Study design
2320	Schnitzer, M. E.,Moodie, E. E.,Platt, R. W. (2013). Targeted maximum likelihood estimation for marginal time-dependent treatment effects under density misspecification Biostatistics, 14(1), 1-14	Outcome
2321	Schnitzer, M. E.,van der Laan, M. J.,Moodie, E. E.,Platt, R. W. (2014). EFFECT OF BREASTFEEDING ON GASTROINTESTINAL INFECTION IN INFANTS: A TARGETED MAXIMUM LIKELIHOOD APPROACH FOR CLUSTERED LONGITUDINAL DATA Ann Appl Stat, 8(2), 703-725	Outcome
2322	Schoen, S.,Sichert-Hellert, W.,Kersting, M. (2009). Validation of energy requirement equations for estimation of breast milk consumption in infants Public Health Nutr, 12(12), 2309-16	Outcome
2323	Schoetzau, A.,Filipiak-Pittroff, B.,Franke, K.,Koletzko, S.,Von Berg, A.,Gruebl, A.,Bauer, C. P.,Berdel, D.,Reinhardt, D.,Wichmann, H. E. (2002). Effect of exclusive breast-feeding and early solid food avoidance on the incidence of atopic dermatitis in high-risk infants at 1 year of age Pediatr Allergy Immunol, 13(4), 234-42	Intervention/exposure
2324	Scholtens, S.,Brunekreef, B.,Smit, H. A.,Gast, G. C.,Hoekstra, M. O.,de Jongste, J. C.,Postma, D. S.,Gerritsen, J.,Seidell, J. C.,Wijga, A. H. (2008). Do differences in childhood diet explain the reduced overweight risk in breastfed children? Obesity (Silver Spring), 16(11), 2498-503	Outcome
2325	Scholtens, S.,Gehring, U.,Brunekreef, B.,Smit, H. A.,de Jongste, J. C.,Kerkhof, M.,Gerritsen, J.,Wijga, A. H. (2007). Breastfeeding, weight gain in infancy, and overweight at seven years of age: the prevention and incidence of asthma and mite allergy birth cohort study Am J Epidemiol, 165(8), 919-26	Outcome
2326	Scholtens, S.,Wijga, A. H.,Brunekreef, B.,Kerkhof, M.,Hoekstra, M. O.,Gerritsen, J.,Aalberse, R.,de Jongste, J. C.,Smit, H. A. (2009). Breast feeding, parental allergy and asthma in children followed for 8 years. The PIAMA birth cohort study Thorax, 64(7), 604-9	Outcome
2327	Schraw, J. M.,Dong, Y. Q.,Okcu, M. F.,Scheurer, M. E.,Forman, M. R. (2014). Do longer formula feeding and later introduction of solids increase risk for pediatric acute lymphoblastic leukemia? Cancer Causes and Control, 25(1), 73-80	Outcome
2328	Schroeder, N.,Rushovich, B.,Bartlett, E.,Sharma, S.,Gittelsohn, J.,Caballero, B. (2015). Early Obesity Prevention: A Randomized Trial of a Practice-Based Intervention in 0-24-Month Infants J Obes, 2015(#issue#), 795859	Intervention/exposure
2329	Schuz, J.,Kaletsch, U.,Meinert, R.,Kaatsch, P.,Michaelis, J. (1999). Association of childhood leukaemia with factors related to the immune system Br J Cancer, 80(3-4), 585-90	Outcome
2330	Schwartz, J.,Drossard, C.,Dube, K.,Kannenberg, F.,Kunz, C.,Kalhoff, H.,Kersting, M. (2010). Dietary intake and plasma concentrations of PUFA and LC-PUFA in breastfed and formula fed infants under real-life conditions Eur J Nutr, 49(3), 189-95	Size of study groups
2331	Schwartz, R.,Vigo, A.,de Oliveira, L. D.,Justo Giugliani, E. R. (2015). The Effect of a Pro-Breastfeeding and Healthy Complementary Feeding Intervention Targeting Adolescent Mothers and Grandmothers on Growth and Prevalence of Overweight of Preschool Children PLoS One, 10(7), e0131884	Intervention/exposure
2332	Schwartzbaum, J. A.,George, S. L.,Pratt, C. B.,Davis, B. (1991). An exploratory study of environmental and medical factors potentially related to childhood cancer Med Pediatr Oncol, 19(2), 115-21	Study design
2333	Schwarz, T. (1990). Bottle or breast. The first big decision Nurs Times, 86(35), 63-5	Study design
2334	Schwarze, C. E.,Hellhammer, D. H.,Stroehle, V.,Lieb, K.,Mobascher, A. (2015). Lack of Breastfeeding: A Potential Risk Factor in the Multifactorial Genesis of Borderline Personality Disorder and Impaired Maternal Bonding J Pers Disord, 29(5), 610-26	Study design, Outcome
2335	Schweitzer, F. C.,Prager, T. C.,Zou, Y.,Ruiz, R. S.,Chen, H.,Anderson, R. E.,Jensen, C. L.,Heird, W. C. (1995). Effect of 18:3ù3 intake on pattern visual evoked potentials in term infants Iovs, 36(#issue#), ARVO Abstract 235	Publication status

	Full texts screened	Reason for exclusion
2336	Sclavos S,Porter S,Kim Seow W (1988). Future caries development in children with nursing bottle caries J Pedod, 13(#issue#), 1-10	Intervention/exposure
2337	Scott, D. T.,Janowsky, J. S.,Carroll, R. E.,Taylor, J. A.,Auestad, N.,Montalto, M. B. (1998). Formula supplementation with long-chain polyunsaturated fatty acids: are there developmental benefits? Pediatrics, 102(5), E59	Outcome
2338	Scott, F. W.,Kolb, H. (1998). Dietary intervention for diabetes prevention in the neonate Diabetes Metab Rev, 14(1), 106	Study design
2339	Scott, J. A.,Ng, S. Y.,Cobiac, L. (2012). The relationship between breastfeeding and weight status in a national sample of Australian children and adolescents BMC Public Health, 12(#issue#), 107	Study design
2340	Scott, M.,Roberts, G.,Kurukulaaratchy, R. J.,Matthews, S.,Nove, A.,Arshad, S. H. (2012). Multifaceted allergen avoidance during infancy reduces asthma during childhood with the effect persisting until age 18 years Thorax, 67(12), 1046-51	Intervention/exposure
2341	Seach, K. A.,Dharmage, S. C.,Lowe, A. J.,Dixon, J. B. (2010). Delayed introduction of solid feeding reduces child overweight and obesity at 10 years Int J Obes (Lond), 34(10), 1475-9	Outcome
2342	Seal, N.,Broome, M. E. (2013). Prepregnancy Body Mass Index and Feeding Practices in Relation to Infants' Growth J Nurse Pract, 9(5), #Pages#	Study design
2343	Sears, M. R.,Greene, J. M.,Willan, A. R.,Taylor, D. R.,Flannery, E. M.,Cowan, J. O.,Herbison, G. P.,Poulton, R. (2002). Long-term relation between breastfeeding and development of atopy and asthma in children and young adults: a longitudinal study Lancet, 360(9337), 901-7	Intervention/exposure
2344	Seethalakshmi,,Rao, K. M. (1985). No substitute to mother's milk Nurs J India, 76(2), 48-9	Study design
2345	Seipel, M. M.,Shafer, K. (2013). The effect of prenatal and postnatal care on childhood obesity Soc Work, 58(3), 241-52	Intervention/exposure
2346	Selvakumar, B.,Vishnu Bhat, B. (2007). Infant feeding practice and its effect on the growth and development of babies Current Pediatric Research, 11(1-2), 13-16	Country
2347	Serino, R. J.,Gold, S. B. (1997). Infant and early childhood oral health care N Y State Dent J, 63(2), 34-5	Study design
2348	Serva, V.,Karim, H.,Ebrahim, G. J. (1986). Breast-feeding and the urban poor in developing countries J Trop Pediatr, 32(3), 127-9	Outcome
2349	Seske, L. M.,Merhar, S. L.,Haberman, B. E. (2015). Late-Onset Hypoglycemia in Term Newborns With Poor Breastfeeding Hosp Pediatr, 5(9), 501-4	Study design
2350	Seth A,Marwaha RK,Singla B,Aneja S,Mehrotra P,Sastry A,Khurana ML,Mani K,Sharma B,Tandon N (2009). Vitamin D nutritional status of exclusively breast fed infants and their mothers J Pediatr Endocrinol Metab, 22(#issue#), 241-6	Country, Intervention/exposure
2351	Sethi, D.,Cumberland, P.,Hudson, M. J.,Rodrigues, L. C.,Wheeler, J. G.,Roberts, J. A.,Tompkins, D. S.,Cowden, J. M.,Roderick, P. J. (2001). A study of infectious intestinal disease in England: risk factors associated with group A rotavirus in children Epidemiol Infect, 126(1), 63-70	Intervention/exposure
2352	Sethi, V.,Kashyap, S.,Seth, V. (2003). Effect of nutrition education of mothers on infant feeding practices Indian J Pediatr, 70(6), 463-6	Country
2353	Sezer, R. G.,Aydemir, G.,Akcan, A. B.,Bayoglu, D. S.,Guran, T.,Bozaykut, A. (2013). Effect of breastfeeding on serum zinc levels and growth in healthy infants Breastfeed Med, 8(#issue#), 159-63	Study design
2354	Shaaban, K. M.,Hamadnalla, I. (1993). The effect of duration of breast feeding on the occurrence of acute otitis media in children under three years East Afr Med J, 70(10), 632-4	Country
2355	Shalofsky, Teresa (2015). Telephone peer counselling of breastfeeding among WIC participants: a randomized controlled trial MIDIRS Midwifery Digest, 25(1), 97-98 2p	Publication status
2356	Shamberger R (2012). Attention-deficit disorder associated with breast-feeding: a brief report J Am Coll Nutr, 31(#issue#), 239-42	Study design

	Full texts screened	Reason for exclusion
2357	Shamir, R.,Nganga, A.,Berkowitz, D.,Diamond, E.,Lischinsky, S.,Lombardo, D.,Shehadeh, N. (2003). Serum levels of bile salt-stimulated lipase and breast feeding J Pediatr Endocrinol Metab, 16(9), 1289-94	Size of study groups
2358	Shand, N. (1981). The reciprocal impact of breast-feeding and culture form on maternal behaviour and infant development J Biosoc Sci, 13(1), 1-17	Study design, Outcome
2359	Shariff, A. H.,Sazlina, S. G.,Shamsul, A. S. (2007). Obesity among urban primary schoolchildren Journal of Health and Translational Medicine, 10(1), 17-20	Study design
2360	Sharifzadeh, G. R.,Namakin, K.,Mehrjoofard, H. (2008). An epidemiological study on infant mortatity and factors affecting it in rural areas of Birjand, Iran Iranian Journal of Pediatrics, 18(4), 335-342	Outcome
2361	Sharma, S.,Sood, M.,Sood, A. (2011). Environmental risk factors in relation to childhood asthma in rural area Current Pediatric Research, 15(1), 29-32	Country
2362	Shaternikov, V. A.,Fateeva, E. M.,Chernikov, M. N. (1982). Protein nutrition in early infancy and subsequent periods: its effect on further development Bibl Nutr Dieta, #volume#(31), 95-111	Study design
2363	Shearrer, G. E.,Whaley, S. E.,Miller, S. J.,House, B. T.,Held, T.,Davis, J. N. (2015). Association of gestational diabetes and breastfeeding on obesity prevalence in predominately Hispanic low-income youth Pediatr Obes, 10(3), 165-71	Study design
2364	Shehadeh, N.,Weitzer-Kish, H.,Shamir, R.,Shihab, S.,Weiss, R. (2008). Impact of early postnatal weight gain and feeding patterns on body mass index in adolescence J Pediatr Endocrinol Metab, 21(1), 9-15	Intervention/exposure
2365	Shelton, K. H.,Collishaw, S.,Rice, F. J.,Harold, G. T.,Thapar, A. (2011). Using a genetically informative design to examine the relationship between breastfeeding and childhood conduct problems Eur Child Adolesc Psychiatry, 20(11-12), 571-9	Study design
2366	Shepherd, J. (2002). Thrush and breastfeeding Pract Midwife, 5(11), 24-7	Study design
2367	Shepherd, R. W.,Oxborough, D. B.,Holt, T. L.,Thomas, B. J.,Thong, Y. H. (1988). Longitudinal study of the body composition of weight gain in exclusively breast-fed and intake-measured whey-based formula-fed infants to age 3 months J Pediatr Gastroenterol Nutr, 7(5), 732-9	Outcome
2368	Sherlock, R. L.,Synnes, A. R.,Koehoorn, M. (2008). Working mothers and early childhood outcomes: lessons from the Canadian National Longitudinal Study on Children and Youth Early Hum Dev, 84(4), 237-42	Outcome
2369	Shi, Y.,De Groh, M.,Morrison, H. (2013). Perinatal and early childhood factors for overweight and obesity in young Canadian children Can J Public Health, 104(1), e69-74	Study design
2370	Shields, B. M.,Knight, B.,Shakespeare, L.,Babrah, J.,Powell, R. J.,Clark, P. M.,Hattersley, A. T. (2006). Determinants of insulin concentrations in healthy 1-week-old babies in the community: applications of a bloodspot assay Early Hum Dev, 82(2), 143-8	Study design, Outcome
2371	Shields, L.,Mamun, A. A.,O'Callaghan, M.,Williams, G. M.,Najman, J. M. (2010). Breastfeeding and obesity at 21 years: a cohort study J Clin Nurs, 19(11-12), 1612-7	Outcome
2372	Shields, L.,O'Callaghan, M.,Williams, G. M.,Najman, J. M.,Bor, W. (2006). Breastfeeding and obesity at 14 years: a cohort study J Paediatr Child Health, 42(5), 289-96	Outcome
2373	Shohet, L.,Shahar, E.,Davidson, S. (1985). Breast feeding as prophylaxis for atopic eczema: a controlled study of 368 cases Acta Paediatr Hung, 26(1), 35-9	Intervention/exposure
2374	Shortridge, K. F.,Lawton, J. W.,Choi, E. K. (1990). Protective potential of colostrum and early milk against prospective influenza viruses J Trop Pediatr, 36(2), 94-5	Study design, Outcome
2375	Shu, X. O.,Clemens, J.,Zheng, W.,Ying, D. M.,Ji, B. T.,Jin, F. (1995). Infant breastfeeding and the risk of childhood lymphoma and leukaemia Int J Epidemiol, 24(1), 27-32	Outcome
2376	Shu, X. O.,Linet, M. S.,Steinbuch, M.,Wen, W. Q.,Buckley, J. D.,Neglia, J. P.,Potter, J. D.,Reaman, G. H.,Robison, L. L. (1999). Breast-feeding and risk of childhood acute leukemia J Natl Cancer Inst, 91(20), 1765-72	Intervention/exposure

	Full texts screened	Reason for exclusion
2377	Shultis, W. A.,Leary, S. D.,Ness, A. R.,Scott, J.,Martin, R. M.,Whincup, P. H.,Smith, G. D. (2006). Haemoglobin A1c is not a surrogate for glucose and insulin measures for investigating the early life and childhood determinants of insulin resistance and Type 2 diabetes in healthy children. An analysis from the Avon Longitudinal Study of Parents and Children (ALSPAC) Diabet Med, 23(12), 1357-63	Outcome
2378	Sickles, V. S.,Tuley, R. J.,Bader, P.,Carnaggio, V. A.,Exon, W. J.,Hargett, I. R.,Keathley, S. E.,Wolf, R.,Cordano, A. (1984). Growth and tolerance studies of a new infant formula Clin Pediatr (Phila), 23(11), 617-22	Intervention/exposure
2379	Sidhu, L. S.,Grewal, R.,Bhatnagar, D. P. (1981). A study of physical growth in breast-fed and bottle-fed male infants Indian journal of pediatrics, 48(390), 75-79	Country
2380	Siemiatycki, J.,Colle, E.,Campbell, S.,Dewar, R. A.,Belmonte, M. M. (1989). Case-control study of IDDM Diabetes Care, 12(3), 209-16	Outcome
2381	Sievers, E.,Clausen, U.,Oldigs, H. D.,Schaub, J. (2002). Supplemental feeding in the first days of life - Effects on the recipient infant Annals of Nutrition and Metabolism, 46(2), 62-67	Intervention/exposure
2382	Sievers, E.,Oldigs, H. D.,Dorner, K.,Schaub, J. (1992). Longitudinal zinc balances in breast-fed and formula-fed infants Acta Paediatr, 81(1), 1-6	Study design, Size of study groups
2383	Sievers, E.,Schleyerbach, U.,Garbe-Schonberg, D.,Arpe, T.,Schaub, J. (2000). Zinc intakes and plasma concentrations in infancy Adv Exp Med Biol, 478(#issue#), 383-4	Study design
2384	Sigurs, N.,Bjarnason, R.,Sigurbergsson, F.,Kjellman, B.,Bjorksten, B. (1995). Asthma and immunoglobulin E antibodies after respiratory syncytial virus bronchiolitis: a prospective cohort study with matched controls Pediatrics, 95(4), 500-5	Outcome
2385	Siigur, U.,Ormisson, A.,Tamm, A. (1993). Faecal short-chain fatty acids in breast-fed and bottle-fed infants Acta Paediatrica, International Journal of Paediatrics, 82(6-7), 536-538	Size of study groups, Outcome
2386	Siimes, M. A.,Salmenpera, L.,Perheentupa, J. (1984). Exclusive breast-feeding for 9 months: Risk of iron deficiency Journal of Pediatrics, 104(2), 196-199	Intervention/exposure
2387	Silberman, S. L.,Trubman, A.,Duncan, W. K.,Meydrech, E. F. (1991). Prevalence of primary canine hypoplasia of the mandibular teeth Pediatr Dent, 13(6), 356-60	Study design
2388	Siltanen, M.,Kajosaari, M.,Poussa, T.,Saarinen, K. M.,Savilahti, E. (2003). A dual long-term effect of breastfeeding on atopy in relation to heredity in children at 4 years of age Allergy, 58(6), 524-30	Intervention/exposure
2389	Silva, A. A.,Mehta, Z.,O'Callaghan, F. J. (2006). Duration of breast feeding and cognitive function: Population based cohort study Eur J Epidemiol, 21(6), 435-41	Outcome
2390	Silver, D. H. (1982). Improvements in the dental health of 3-year-old Hertfordshire children after 8 years. The relationship to social class Br Dent J, 153(5), 179-83	Study design
2391	Silvers, K. M.,Frampton, C. M.,Wickens, K.,Epton, M. J.,Pattemore, P. K.,Ingham, T.,Fishwick, D.,Crane, J.,Town, G. I. (2009). Breastfeeding protects against adverse respiratory outcomes at 15 months of age Matern Child Nutr, 5(3), 243-50	Outcome
2392	Silvers, K. M.,Frampton, C. M.,Wickens, K.,Pattemore, P. K.,Ingham, T.,Fishwick, D.,Crane, J.,Town, G. I.,Epton, M. J. (2012). Breastfeeding protects against current asthma up to 6 years of age J Pediatr, 160(6), 991-6 e1	Outcome
2393	Simhon, A.,Mata, L. (1985). Fecal rotaviruses, adenoviruses, coronavirus-like particles, and small round viruses in a cohort of rural Costa Rican children Am J Trop Med Hyg, 34(5), 931-6	Intervention/exposure
2394	Simhon, A.,Mata, L.,Vives, M.,Rivera, L.,Vargas, S.,Ramirez, G.,Lizano, L.,Catarinella, G.,Azofeifa, J. (1985). Low endemicity and low pathogenicity of rotaviruses among rural children in Costa Rica J Infect Dis, 152(6), 1134-42	Study design, Intervention/exposure
2395	Simon, M. R.,Havstad, S. L.,Wegienka, G. R.,Ownby, D. R.,Johnson, C. C. (2008). Risk factors associated with transient wheezing in young children Allergy Asthma Proc, 29(2), 161-5	Outcome

	Full texts screened	Reason for exclusion
2396	Sims, D. G.,Gardner, P. S.,Weightman, D.,Turner, M. W.,Soothill, J. F. (1981). Atopy does not predispose to RSV bronchiolitis or postbronchiolitic wheezing Br Med J (Clin Res Ed), 282(6282), 2086-8	Size of study groups
2397	Singhal, A. (2002). Early nutrition and later blood pressure: an experimental approach Journal of Nutritional & Environmental Medicine, 12(3), 251-252 2p	Study design
2398	Singhal, A.,Kennedy, K.,Lanigan, J.,Clough, H.,Jenkins, W.,Elias-Jones, A.,Stephenson, T.,Dudek, P.,Lucas, A. (2010). Dietary nucleotides and early growth in formula-fed infants: a randomized controlled trial Pediatrics, 126(4), e946-53	Outcome
2399	Singhal, A.,Lucas, A. (2004). Early origins of cardiovascular disease: is there a unifying hypothesis? Lancet, 363(9421), 1642-5	Study design
2400	Singhal, A.,Morley, R.,Cole, T. J.,Kennedy, K.,Sonksen, P.,Isaacs, E.,Fewtrell, M.,Elias-Jones, A.,Stephenson, T.,Lucas, A. (2007). Infant nutrition and stereoacuity at age 4-6 y Am J Clin Nutr, 85(1), 152-9	Outcome
2401	Singhi, P.,Singhi, S.,Bhalla, A. K. (1985). Growth of term infants in early neonatal period Indian Pediatr, 22(7), 485-91	Country
2402	Singhi, S.,Singhi, P. (1987). Prevention of acute respiratory infections Indian J Pediatr, 54(2), 161-70	Study design
2403	Singleton, R.,Lescher, R.,Gessner, B. D.,Benson, M.,Bulkow, L.,Rosenfeld, J.,Thomas, T.,Holman, R. C.,Haberling, D.,Bruce, M.,Bartholomew, M.,Tiesinga, J. (2015). Rickets and Vitamin D deficiency in Alaska native children Journal of Pediatric Endocrinology and Metabolism, 28(7-8), 815-823	Size of study groups, Intervention/exposure
2404	Sinha, A.,Madden, J.,Ross-Degnan, D.,Soumerai, S.,Platt, R. (2003). Reduced risk of neonatal respiratory infections among breastfed girls but not boys Pediatrics, 112(4), e303	Outcome
2405	Sipetic, S.,Vlajinac, H.,Kocev, N.,Bjekic, M.,Sajic, S. (2005). Early infant diet and risk of type 1 diabetes mellitus in Belgrade children Nutrition, 21(4), 474-9	Outcome
2406	Sipila, M.,Karma, P.,Pukander, J.,Timonen, M.,Kataja, M. (1988). The Bayesian approach to the evaluation of risk factors in acute and recurrent acute otitis media Acta Otolaryngol, 106(1-2), 94-101	Outcome
2407	Siriaksorn, S.,Suchaitanawanit, S.,Trakultivakorn, M. (2011). Allergic rhinitis and immunoglobulin deficiency in preschool children with frequent upper respiratory illness Asian Pac J Allergy Immunol, 29(1), 73-7	Study design
2408	Sjolin, S.,Hofvander, Y.,Hillervik, C. (1979). A prospective study of individual courses of breast feeding Acta paediatrica Scandinavica, 68(#issue#), 521-9	Outcome
2409	Skilton, M. R.,Marks, G. B.,Ayer, J. G.,Garden, F. L.,Garnett, S. P.,Harmer, J. A.,Leeder, S. R.,Toelle, B. G.,Webb, K.,Baur, L. A.,Celermajer, D. S. (2013). Weight gain in infancy and vascular risk factors in later childhood Pediatrics, 131(6), e1821-8	Outcome
2410	Skledar, M. T.,Milosevic, M. (2015). Breastfeeding and time of complementary food introduction as predictors of obesity in children Cent Eur J Public Health, 23(1), 26-31	Outcome
2411	Skrodeniene, E.,Marciulionyte, D.,Padaiga, Z.,Jasinskiene, E.,Sadauskaite-Kuehne, V.,Ludvigsson, J. (2008). Environmental risk factors in prediction of childhood prediabetes Medicina (Kaunas), 44(1), 56-63	Outcome
2412	Skrodeniene, E.,Marčiulionyte, D.,Padaiga, Z.,Jašinskiene, E.,Sadauskaite-Kuehne, V.,Sanjeevi, C. B.,Vitkauskiene, A.,Ludvigsson, J. (2010). Associations between HLA class II haplotypes, environmental factors and type 1 diabetes mellitus in Lithuanian children with type 1 diabetes and controls Polish Annals of Medicine, 17(1), 7-15	Outcome
2413	Slabsinskiene E,Milciuviene S,Narbutaite J,Vasiliauskiene I,Andruskeviciene V,Bendoraitiene EA,Saldunaite K (2010). Severe early childhood caries and behavioral risk factors among 3-year-old children in Lithuania Medicina (Kaunas), 46(#issue#), 135-41	Study design
2414	Slae, M.,Persad, R.,Leung, A. J. T.,Gabr, R.,Brocks, D.,Huynh, H. Q. (2015). Role of Environmental Factors in the Development of Pediatric Eosinophilic Esophagitis Digestive Diseases and Sciences, 60(11), 3364-3372	Study design, Outcome
2415	Slavkin, H. C. (1999). Streptococcus mutans, early childhood caries and new opportunities J Am Dent Assoc, 130(12), 1787-92	Study design

	Full texts screened	Reason for exclusion
2416	Slykerman, R. F.,Thompson, J. M.,Becroft, D. M.,Robinson, E.,Pryor, J. E.,Clark, P. M.,Wild, C. J.,Mitchell, E. A. (2005). Breastfeeding and intelligence of preschool children Acta Paediatr, 94(7), 832-7	Outcome
2417	Smith, D. P. (1985). Breastfeeding in the United States Soc Biol, 32(1-2), 53-60	Study design, Outcome
2418	Smith, R. M.,Smith, P. A.,McKinnon, M.,Gracey, M. (2000). Birthweights and growth of infants in five Aboriginal communities Aust N Z J Public Health, 24(2), 124-35	Study design
2419	Smithers, L. G.,Golley, R. K.,Brazionis, L.,Emmett, P.,Northstone, K.,Lynch, J. W. (2012). Dietary patterns of infants and toddlers are associated with nutrient intakes Nutrients, 4(8), 935-48	Outcome
2420	Smithers, L. G.,Golley, R. K.,Mittinty, M. N.,Brazionis, L.,Northstone, K.,Emmett, P.,Lynch, J. W. (2012). Dietary patterns at 6, 15 and 24 months of age are associated with IQ at 8 years of age Eur J Epidemiol, 27(7), 525-35	Intervention/exposure
2421	Smithers, L. G.,Golley, R. K.,Mittinty, M. N.,Brazionis, L.,Northstone, K.,Emmett, P.,Lynch, J. W. (2013). Do dietary trajectories between infancy and toddlerhood influence IQ in childhood and adolescence? Results from a prospective birth cohort study PLoS One, 8(3), e58904	Intervention/exposure
2422	Smulevich, V. B.,Solionova, L. G.,Belyakova, S. V. (1999). Parental occupation and other factors and cancer risk in children: I. Study methodology and non-occupational factors Int J Cancer, 83(6), 712-7	Outcome
2423	Smyth, P. P. (1999). Variation in iodine handling during normal pregnancy Thyroid, 9(7), 637-42	Intervention/exposure, Redundant data with another study
2424	Smyth, P. P.,Hetherton, A. M.,Smith, D. F.,Radcliff, M.,O'Herlihy, C. (1997). Maternal iodine status and thyroid volume during pregnancy: correlation with neonatal iodine intake J Clin Endocrinol Metab, 82(9), 2840-3	Study design, Intervention/exposure
2425	Smyth, P. P.,Smith, D. F.,Sheehan, S.,Higgins, M.,Burns, R.,O'Herlihy, C. (2007). Short-term changes in maternal and neonatal urinary iodine excretion Thyroid, 17(3), 219-22	Size of study groups
2426	Snijders, B. E.,Thijs, C.,Dagnelie, P. C.,Stelma, F. F.,Mommers, M.,Kummeling, I.,Penders, J.,van Ree, R.,van den Brandt, P. A. (2007). Breast-feeding duration and infant atopic manifestations, by maternal allergic status, in the first 2 years of life (KOALA study) J Pediatr, 151(4), 347-51, 351 e1-2	Outcome
2427	Snijders, B. E.,Thijs, C.,Kummeling, I.,Penders, J.,van den Brandt, P. A. (2007). Breastfeeding and infant eczema in the first year of life in the KOALA birth cohort study: a risk period-specific analysis Pediatrics, 119(1), e137-41	Outcome
2428	Socha, P.,Grote, V.,Gruszfeld, D.,Janas, R.,Demmelmair, H.,Closa-Monasterolo, R.,Subias, J. E.,Scaglioni, S.,Verduci, E.,Dain, E.,Langhendries, J. P.,Perrin, E.,Koletzko, B. (2011). Milk protein intake, the metabolic-endocrine response, and growth in infancy: data from a randomized clinical trial Am J Clin Nutr, 94(6 Suppl), 1776S-1784S	Outcome
2429	Socha, P.,Janas, R.,Dobrzanska, A.,Koletzko, B.,Broekaert, I.,Brasseur, D.,Sengier, A.,Giovannini, M.,Agostoni, C.,Monasterolo, R. C.,Mendezs, G. (2005). Insulin like growth factor regulation of body mass in breastfed and milk formula fed infants. Data from the E.U. Childhood Obesity Programme Adv Exp Med Biol, 569(#issue#), 159-63	Study design
2430	Soltesz, G.,Jeges, S.,Dahlquist, G. (1994). Non-genetic risk determinants for type 1 (insulin-dependent) diabetes mellitus in childhood. Hungarian Childhood Diabetes Epidemiology Study Group Acta Paediatr, 83(7), 730-5	Outcome
2431	Somech, R.,Tal, G.,Gilad, E.,Mandelberg, A.,Tal, A.,Dalal, I. (2006). Epidemiologic, socioeconomic, and clinical factors associated with severity of respiratory syncytial virus infection in previously healthy infants Clin Pediatr (Phila), 45(7), 621-7	Participant health
2432	Sommerfelt, K.,Ellertsen, B.,Markestad, T. (1996). Low birthweight and neuromotor development: a population based, controlled study Acta Paediatr, 85(5), 604-10	Participant health, Intervention/exposure

	Full texts screened	Reason for exclusion
2433	Sommerfield, T.,Chalmers, J.,Youngson, G.,Heeley, C.,Fleming, M.,Thomson, G. (2008). The changing epidemiology of infantile hypertrophic pyloric stenosis in Scotland Arch Dis Child, 93(12), 1007-11	Study design, Intervention/exposure, Participant health
2434	Song, N.,Shamssain, M.,Zhang, J.,Wu, J.,Fu, C.,Hao, S.,Guan, J.,Yan, X. (2014). Prevalence, severity and risk factors of asthma, rhinitis and eczema in a large group of Chinese schoolchildren J Asthma, 51(3), 232-42	Study design
2435	Sonnenschein-van der Voort, A. M.,Jaddoe, V. W.,van der Valk, R. J.,Willemsen, S. P.,Hofman, A.,Moll, H. A.,de Jongste, J. C.,Duijts, L. (2012). Duration and exclusiveness of breastfeeding and childhood asthma-related symptoms Eur Respir J, 39(1), 81-9	Outcome
2436	Soto-Ramirez, N.,Karmaus, W.,Zhang, H.,Davis, S.,Agarwal, S.,Albergottie, A. (2013). Modes of infant feeding and the occurrence of coughing/wheezing in the first year of life J Hum Lact, 29(1), 71-80	Outcome
2437	Soylu, H.,Özgen, Ü,Babalioğlu, M.,Aras, Ş,Sazak, S. (2001). Iron deficiency and iron deficiency anemia in infants and young children at different socioeconomic groups in Istanbul Turkish Journal of Haematology, 18(1), 19-25	Study design, Size of study groups
2438	Specker, B. L.,Beck, A.,Kalkwarf, H.,Ho, M. (1997). Randomized trial of varying mineral intake on total body bone mineral accretion during the first year of life Pediatrics, 99(6), E12	Intervention/exposure
2439	Specker, B. L.,Black, A.,Allen, L.,Morrow, F. (1990). Vitamin B-12: low milk concentrations are related to low serum concentrations in vegetarian women and to methylmalonic aciduria in their infants Am J Clin Nutr, 52(6), 1073-6	Study design, Size of study groups
2440	Specker, B. L.,Brazerol, W.,Ho, M. L.,Norman, E. J. (1990). Urinary methylmalonic acid excretion in infants fed formula or human milk Am J Clin Nutr, 51(2), 209-11	Study design, Intervention/exposure
2441	Specker, B. L.,Miller, D.,Norman, E. J.,Greene, H.,Hayes, K. C. (1988). Increased urinary methylmalonic acid excretion in breast-fed infants of vegetarian mothers and identification of an acceptable dietary source of vitamin B-12 Am J Clin Nutr, 47(1), 89-92	Study design, Size of study groups
2442	Spyrides, M. H.,Struchiner, C. J.,Barbosa, M. T.,Kac, G. (2008). Effect of predominant breastfeeding duration on infant growth: a prospective study using nonlinear mixed effect models J Pediatr (Rio J), 84(3), 237-43	Language
2443	Srivastava, S. P.,Sharma, V. K.,Jha, S. P. (1994). Mortality patterns in breast versus artificially fed term babies in early infancy: a longitudinal study Indian Pediatr, 31(11), 1393-6	Country
2444	Stadler, D. D.,Musser, E. D.,Holton, K. F.,Shannon, J.,Nigg, J. T. (2015). Recalled Initiation and Duration of Maternal Breastfeeding Among Children with and Without ADHD in a Well Characterized Case-Control Sample J Abnorm Child Psychol, #volume#(#issue#), #Pages#	Study design
2445	Stahl, M. D.,Guida, D. A. (1984). Slow weight gain in the breast-fed infant: management options Pediatr Nurs, 10(2), 117-20, 164	Study design
2446	Stahlberg, M. R. (1985). Breast feeding, cow milk feeding, and allergy Allergy, 40(8), 612-5	Outcome
2447	Stahlberg, M. R.,Ruuskanen, O.,Virolainen, E. (1986). Risk factors for recurrent otitis media Pediatr Infect Dis, 5(1), 30-2	Outcome
2448	Standl, M.,Sausenthaler, S.,Lattka, E.,Koletzko, S.,Bauer, C. P.,Wichmann, H. E.,von Berg, A.,Berdel, D.,Kramer, U.,Schaaf, B.,Lehmann, I.,Herbarth, O.,Klopp, N.,Koletzko, B.,Heinrich, J. (2012). FADS gene cluster modulates the effect of breastfeeding on asthma. Results from the GINIplus and LISAplus studies Allergy, 67(1), 83-90	Intervention/exposure
2449	Stanfield JP (1982). The influence of malnutrition on development Practitioner, 226(#issue#), 1929-40	Study design
2450	Stanley, E. O.,Lundeen, D. J. (1980). Tongue thrust in breast fed and bottle-fed school children: a cross-cultural investigation Int J Oral Myol, 6(1), 6-17	Intervention/exposure, Outcome
2451	Stanner, S. (2001). Is breast best for the heart? Nutrition Bulletin, 26(3), 199-200	Study design
2452	Steady, F. C. (1981). Infant feeding in developing countries: combating the multinationals imperative J Trop Pediatr, 27(4), 215-20	Study design
2453	Stecksen-Blicks, C.,Granstrom, E.,Silfverdal, S. A.,West, C. E. (2015). Prevalence of oral Candida in the first year of life Mycoses, 58(9), 550-6	Size of study groups

	Full texts screened	Reason for exclusion
2454	Steer, C. D.,Davey Smith, G.,Emmett, P. M.,Hibbeln, J. R.,Golding, J. (2010). FADS2 polymorphisms modify the effect of breastfeeding on child IQ PLoS One, 5(7), e11570	Outcome
2455	Steichen, J. J.,Tsang, R. C. (1987). Bone mineralization and growth in term infants fed soy-based or cow milk-based formula J Pediatr, 110(5), 687-92	Size of study groups, Intervention/exposure
2456	Stein, A. D.,Melgar, P.,Hoddinott, J.,Martorell, R. (2008). Cohort profile: The institute of nutrition of central America and Panama (INCAP) nutrition trial cohort study International Journal of Epidemiology, 37(4), 716-720	Study design
2457	Stelmach, I.,Bobrowska-Korzeniowska, M.,Smejda, K.,Majak, P.,Jerzynska, J.,Stelmach, W.,Polanska, K.,Sobala, W.,Krysicka, J.,Hanke, W. (2014). Risk factors for the development of atopic dermatitis and early wheeze Allergy Asthma Proc, 35(5), 382-9	Study design
2458	Stene, L. C.,Joner, G. (2004). Atopic disorders and risk of childhood-onset type 1 diabetes in individuals Clin Exp Allergy, 34(2), 201-6	Study design, Intervention/exposure
2459	Stenstrom, C.,Ingvarsson, L. (1997). Otitis-prone children and controls: a study of possible predisposing factors. 1. Heredity, family background and perinatal period Acta Otolaryngol, 117(1), 87-93	Outcome
2460	Stepans, M. F. (1998). Birthing briefs Journal of Perinatal Education, 7(1), 39-40 2p	Study design
2461	Stevens, F. M.,Egan-Mitchell, B.,Cryan, E.,McCarthy, C. F.,McNicholl, B. (1987). Decreasing incidence of coeliac disease Arch Dis Child, 62(5), 465-8	Study design, Size of study groups
2462	Stevens, T. (1996). Infant nutrition perspectives Midwives (1995), 109(1300), 120	Study design
2463	Stewart, A. J.,Williams, S. M.,Mitchell, E. A.,Taylor, B. J.,Ford, R. P.,Allen, E. M. (1995). Antenatal and intrapartum factors associated with sudden infant death syndrome in the New Zealand Cot Death Study J Paediatr Child Health, 31(5), 473-8	Intervention/exposure
2464	Stoeckel, J. (1992). The intervention research approach to child survival Asia Pac J Public Health, 6(1), 40-5	Study design
2465	Stoll, B. J.,Glass, R. I.,Banu, H.,Huq, M. I.,Khan, M. U.,Ahmed, M. (1983). Value of stool examination in patients with diarrhoea Br Med J (Clin Res Ed), 286(6383), 2037-40	Country
2466	Stordal, K.,White, R. A.,Eggesbo, M. (2013). Early feeding and risk of celiac disease in a prospective birth cohort Pediatrics, 132(5), e1202-9	Outcome
2467	Strabelli, T. M. B.,Botura, C. A.,Maciel, M. A.,Mazzutti, C.,Bridi, A.,Freitas, L. P. (2013). Socioeconomic profile of children hospitalized by community acquired pneumonia Acta Scientiarum - Health Sciences, 35(2), 175-179	Study design, Participant health
2468	Strachan, D. P.,Harkins, L. S.,Johnston, I. D.,Anderson, H. R. (1997). Childhood antecedents of allergic sensitization in young British adults J Allergy Clin Immunol, 99(1 Pt 1), 6-12	Intervention/exposure
2469	Strachan, D. P.,Taylor, E. M.,Carpenter, R. G. (1996). Family structure, neonatal infection, and hay fever in adolescence Arch Dis Child, 74(5), 422-6	Intervention/exposure
2470	Strand, T. A.,Sharma, P. R.,Gjessing, H. K.,Ulak, M.,Chandyo, R. K.,Adhikari, R. K.,Sommerfelt, H. (2012). Risk factors for extended duration of acute diarrhea in young children PLoS One, 7(5), e36436	Country
2471	Strand, T. A.,Taneja, S.,Bhandari, N.,Refsum, H.,Ueland, P. M.,Gjessing, H. K.,Bahl, R.,Schneede, J.,Bhan, M. K.,Sommerfelt, H. (2007). Folate, but not vitamin B-12 status, predicts respiratory morbidity in north Indian children Am J Clin Nutr, 86(1), 139-44	Country
2472	Strandvik B,Chen Y,Dangardt F,Eriksson S,Friberg P,Garemo M,Pickova J (2011). From the Swedish to the Mediterranean diet and the omega-6/omega-3 balance World Rev Nutr Diet, 102(#issue#), 73-80	Study design
2473	Strassburger, S. Z.,Vitolo, M. R.,Bortolini, G. A.,Pitrez, P. M.,Jones, M. H.,Stein, R. T. (2010). Nutritional errors in the first months of life and their association with asthma and atopy in preschool children J Pediatr (Rio J), 86(5), 391-9	Outcome
2474	Strbak, V.,Hromadova, M.,Kostalova, L.,Kapellerova, A. (1993). Search for optimal age for weaning. Ten-year prospective study Endocr Regul, 27(4), 215-21	Size of study groups

	Full texts screened	Reason for exclusion
2475	Strbak, V.,Skultetyova, M.,Hromadova, M.,Randuskova, A.,Macho, L. (1991). Late effects of breast-feeding and early weaning: seven-year prospective study in children Endocr Regul, 25(1-2), 53-7	Outcome
2476	Stremler, R.,Hodnett, E.,Kenton, L.,Lee, K.,Weiss, S.,Weston, J.,Willan, A. (2013). Effect of behavioural-educational intervention on sleep for primiparous women and their infants in early postpartum: multisite randomised controlled trial BMJ, 346(#issue#), f1164	Intervention/exposure
2477	Strimas, J. H.,Chi, D. S. (1988). Significance of IgE level in amniotic fluid and cord blood for the prediction of allergy Ann Allergy, 61(2), 133-6	Size of study groups, Intervention/exposure
2478	Strina, A.,Rodrigues, L. C.,Cairncross, S.,Ferrer, S. R.,Fialho, A. M.,Leite, J. P.,Ribeiro, H. C., Jr.,Barreto, M. L. (2012). Factors associated with rotavirus diarrhoea in children living in a socially diverse urban centre in Brazil Trans R Soc Trop Med Hyg, 106(7), 445-51	Study design, Intervention/exposure
2479	Strobl, W.,Widhalm, K. (1985). The natural history of serum lipids and lipoproteins during childhood Prog Clin Biol Res, 188(#issue#), 101-21	Study design
2480	Su, D.,Zhao, Y.,Binns, C.,Scott, J.,Oddy, W. (2007). Breast-feeding mothers can exercise: results of a cohort study Public Health Nutr, 10(10), 1089-93	Intervention/exposure
2481	Suaini, N. H.,Koplin, J. J.,Ellis, J. A.,Peters, R. L.,Ponsonby, A. L.,Dharmage, S. C.,Matheson, M. C.,Wake, M.,Panjari, M.,Tan, H. T.,Martin, P. E.,Pezic, A.,Lowe, A. J.,Martino, D.,Gurrin, L. C.,Vuillermin, P. J.,Tang, M. L.,Allen, K. J. (2014). Environmental and genetic determinants of vitamin D insufficiency in 12-month-old infants J Steroid Biochem Mol Biol, 144 Pt B(#issue#), 445-54	Intervention/exposure
2482	Subbarao, P.,Anand, S. S.,Becker, A. B.,Befus, A. D.,Brauer, M.,Brook, J. R.,Denburg, J. A.,Hayglass, K. T.,Kobor, M. S.,Kollmann, T. R.,Kozyrskyj, A. L.,Lou, W. Y. W.,Mandhane, P. J.,Miller, G. E.,Moraes, T. J.,Pare, P. D.,Scott, J. A.,Takaro, T. K.,Turvey, S. E.,Duncan, J. M.,Lefebvre, D. L.,Sears, M. R. (2015). The Canadian Healthy Infant Longitudinal Development (CHILD) study: Examining developmental origins of allergy and asthma Thorax, 70(10), 998-1000	Study design
2483	Suganuma, E. K.,Alexander, G. R.,Baruffi, G.,Gilden, S. R. (1988). Infant feeding practices in Hawaii Hawaii Med J, 47(3), 112, 117-9	Study design
2484	Sun, G.,Jia, G.,Peng, H.,Dickerman, B.,Compher, C.,Liu, J. (2015). Trends of childhood obesity in China and associated factors Clin Nurs Res, 24(2), 156-71	Study design, Size of study groups
2485	Sun, J.,Huo, J.,Zhao, L.,Fu, P.,Wang, J.,Huang, J.,Wang, L.,Song, P.,Fang, Z.,Chang, S.,Yin, S.,Zhang, J.,Ma, G. (2013). The nutritional status of young children and feeding practices two years after the Wenchuan Earthquake in the worst-affected areas in China Asia Pac J Clin Nutr, 22(1), 100-8	Study design, Intervention/exposure
2486	Sunoto, (1982). Diarrhoeal problems in Southeast Asia Southeast Asian J Trop Med Public Health, 13(3), 306-18	Study design
2487	Sunyer, J.,Torrent, M.,Garcia-Esteban, R.,Ribas-Fito, N.,Carrizo, D.,Romieu, I.,Anto, J. M.,Grimalt, J. O. (2006). Early exposure to dichlorodiphenyldichloroethylene, breastfeeding and asthma at age six Clin Exp Allergy, 36(10), 1236-41	Outcome
2488	Suoglu, O. D.,Gokce, S.,Saglam, A. T.,Sokucu, S.,Saner, G. (2007). Association of Helicobacter pylori infection with gastroduodenal disease, epidemiologic factors and iron-deficiency anemia in Turkish children undergoing endoscopy, and impact on growth Pediatr Int, 49(6), 858-63	Intervention/exposure
2489	Surdu, S.,Montoya, L. D.,Tarbell, A.,Carpenter, D. O. (2006). Childhood asthma and indoor allergens in Native Americans in New York Environ Health, 5(#issue#), 22	Size of study groups
2490	Sussmann, J. E.,McIntosh, A. M.,Lawrie, S. M.,Johnstone, E. C. (2009). Obstetric complications and mild to moderate intellectual disability Br J Psychiatry, 194(3), 224-8	Size of study groups, Intervention/exposure
2491	Sutmoller, F.,Maia, P. R. (1995). Acute respiratory infections in children living in two low income communities of Rio de Janeiro, Brazil Mem Inst Oswaldo Cruz, 90(6), 665-74	Outcome

	Full texts screened	Reason for exclusion
2492	Syafruddin, M.,Djauhariah, A. M.,Dasril, D. (1988). A study comparing rooming-in with separate nursing Paediatr Indones, 28(5-6), 116-23	Country
2493	Tada, A.,Ando, Y.,Hanada, N. (1999). Caries risk factors among three-year old children in Chiba, Japan Asia Pac J Public Health, 11(2), 109-12	Outcome
2494	Tai, T. Y.,Wang, C. Y.,Lin, L. L.,Lee, L. T.,Tsai, S. T.,Chen, C. J. (1998). A case-control study on risk factors for Type 1 diabetes in Taipei City Diabetes Res Clin Pract, 42(3), 197-203	Outcome
2495	Tainio, V. M. (1985). Lymphocyte subsets in infants: relationships to feeding, atopy, atopic heredity and infections Int Arch Allergy Appl Immunol, 78(3), 305-10	Outcome
2496	Tainio, V. M.,Savilahti, E.,Salmenpera, L.,Arjomaa, P.,Siimes, M. A.,Perheentupa, J. (1988). Risk factors for infantile recurrent otitis media: atopy but not type of feeding Pediatr Res, 23(5), 509-12	Outcome
2497	Taittonen, L.,Nuutinen, M.,Turtinen, J.,Uhari, M. (1996). Prenatal and postnatal factors in predicting later blood pressure among children: cardiovascular risk in young Finns Pediatr Res, 40(4), 627-32	Outcome
2498	Taitz, L. S.,Lukmanji, Z. (1981). Alterations in feeding patterns and rates of weight gain in South Yorkshire infants, 1971-1977 Hum Biol, 53(3), 313-20	Study design
2499	Takala, A. K.,Eskola, J.,Palmgren, J.,Ronnberg, P. R.,Kela, E.,Rekola, P.,Makela, P. H. (1989). Risk factors of invasive Haemophilus influenzae type b disease among children in Finland J Pediatr, 115(5 Pt 1), 694-701	Outcome
2500	Takemura, Y.,Sakurai, Y.,Honjo, S.,Kusakari, A.,Hara, T.,Gibo, M.,Tokimatsu, A.,Kugai, N. (2001). Relation between breastfeeding and the prevalence of asthma : the Tokorozawa Childhood Asthma and Pollinosis Study Am J Epidemiol, 154(2), 115-9	Study design
2501	Taki, M.,Mizuno, K.,Murase, M.,Nishida, Y.,Itabashi, K.,Mukai, Y. (2010). Maturational changes in the feeding behaviour of infants - a comparison between breast-feeding and bottle-feeding Acta Paediatr, 99(1), 61-7	Size of study groups
2502	Talayero, J. M. P.,Lizán-García, M.,Puime Á, O.,Muncharaz, M. J. B.,Soto, B. B.,Sánchez-Palomares, M.,Serrano, L. S.,Rivera, L. L. (2006). Full breastfeeding and hospitalization as a result of infections in the first year of life Pediatrics, 118(1), e92-e99	Outcome
2503	Tanaka, H.,Ishii, H.,Yamada, T.,Akazawa, K.,Nagata, S.,Yamashiro, Y. (2013). Growth of Japanese breastfed infants compared to national references and World Health Organization growth standards Acta Paediatr, 102(7), 739-43	Intervention/exposure
2504	Tanaka, K.,Miyake, Y.,Sasaki, S. (2010). Association between breastfeeding and allergic disorders in Japanese children Int J Tuberc Lung Dis, 14(4), 513-8	Study design
2505	Tanaka, K.,Miyake, Y.,Sasaki, S.,Hirota, Y. (2013). Infant feeding practices and risk of dental caries in Japan: the Osaka Maternal And Child Health Study Pediatr Dent, 35(3), 267-71	Outcome
2506	Tanaka, T.,Kato, N. (2001). Evaluation of child care practice factors that affect the occurrence of sudden infant death syndrome: Interview conducted by public health nurses Environmental Health and Preventive Medicine, 6(2), 117-120	Outcome
2507	Taneja, S.,Bhandari, N.,Bahl, R.,Bhan, M. K. (2005). Impact of zinc supplementation on mental and psychomotor scores of children aged 12 to 18 months: a randomized, double-blind trial J Pediatr, 146(4), 506-11	Country
2508	Taneja, S.,Bhandari, N.,Strand, T. A.,Sommerfelt, H.,Refsum, H.,Ueland, P. M.,Schneede, J.,Bahl, R.,Bhan, M. K. (2007). Cobalamin and folate status in infants and young children in a low-to-middle income community in India Am J Clin Nutr, 86(5), 1302-9	Country
2509	Tanoue, Y.,Oda, S. (1989). Weaning time of children with infantile autism J Autism Dev Disord, 19(3), 425-34	Study design, Intervention/exposure
2510	Tantracheewathorn, S. (2005). Growth of breast-fed and formula-fed infants compared with national growth references of Thai children J Med Assoc Thai, 88(2), 168-75	Intervention/exposure

	Full texts screened	Reason for exclusion
2511	Tantracheewathorn, S.,Lohajaroensub, S. (2005). Incidence and risk factors of iron deficiency anemia in term infants J Med Assoc Thai, 88(1), 45-51	Intervention/exposure
2512	Tanzer, F.,Gumuser, C. (1989). A study of the growth of 200 newborn babies for a period of 6 months according to the type of nutrition Ann Trop Paediatr, 9(1), 54-8	Size of study groups
2513	Targino, A. G.,Rosenblatt, A.,Oliveira, A. F.,Chaves, A. M.,Santos, V. E. (2011). The relationship of enamel defects and caries: a cohort study Oral Dis, 17(4), 420-6	Intervention/exposure
2514	Tariq, S.,Memon, I. A. (1999). Acute otitis media in children Journal of the College of Physicians and Surgeons Pakistan, 9(12), 507-510	Country
2515	Tarrant, M.,Fong, D. Y.,Heys, M.,Lee, I. L.,Sham, A.,Hui Choi, E. W. (2014). Professional breastfeeding support to increase the exclusivity and duration of breastfeeding: a randomised controlled trial Hong Kong Med J, 20 Suppl 7(#issue#), 34-5	Study design, Outcome
2516	Tarrant, M.,Kwok, M. K.,Lam, T. H.,Leung, G. M.,Schooling, C. M. (2010). Breast-feeding and childhood hospitalizations for infections Epidemiology, 21(6), 847-54	Outcome
2517	Tarrant, M.,Schooling, C. M.,Leung, S. L.,Mak, K. H.,Ho, L. M.,Leung, G. M. (2014). Impact of breastfeeding on infectious disease hospitalisation: the children of 1997 cohort Hong Kong Med J, 20 Suppl 4(#issue#), 5-6	Study design
2518	Tarrant, R. C.,Sheridan-Pereira, M.,Younger, K. M.,Kearney, J. M. (2012). The positive role of breastfeeding on infant health during the first 6 weeks: findings from a prospective observational study based on maternal reports Ir Med J, 105(3), 75-8	Study design
2519	Taveras, E. M.,Gillman, M. W.,Kleinman, K. P.,Rich-Edwards, J. W.,Rifas-Shiman, S. L. (2013). Reducing racial/ethnic disparities in childhood obesity: the role of early life risk factors JAMA Pediatr, 167(8), 731-8	Intervention/exposure
2520	Taveras, E. M.,Gillman, M. W.,Kleinman, K.,Rich-Edwards, J. W.,Rifas-Shiman, S. L. (2010). Racial/ethnic differences in early-life risk factors for childhood obesity Pediatrics, 125(4), 686-95	Outcome
2521	Taveras, E. M.,Rifas-Shiman, S. L.,Scanlon, K. S.,Grummer-Strawn, L. M.,Sherry, B.,Gillman, M. W. (2006). To what extent is the protective effect of breastfeeding on future overweight explained by decreased maternal feeding restriction? Pediatrics, 118(6), 2341-8	Outcome
2522	Tawia S (2013). Childhood obesity and being breastfed Breastfeed Rev, 21(#issue#), 42-8	Study design
2523	Taylor, B. (1984). Infant feeding and allergy: fact and fiction Midwife Health Visit Community Nurse, 20(10), 354-60	Study design
2524	Taylor, B.,Wadsworth, J. (1984). Breast feeding and child development at five years Dev Med Child Neurol, 26(1), 73-80	Study design
2525	Taylor, B.,Wadsworth, J.,Golding, J.,Butler, N. (1982). Breast-feeding, bronchitis, and admissions for lower-respiratory illness and gastroenteritis during the first five years Lancet, 1(8283), 1227-9	Study design, Intervention/exposure
2526	Taylor, B.,Wadsworth, J.,Golding, J.,Butler, N. (1983). Breast feeding, eczema, asthma, and hayfever J Epidemiol Community Health, 37(2), 95-9	Intervention/exposure
2527	Taylor, R. (2014). Providing additional guidance and support to parents about sleep, diet and physical activity from birth to 2 years of age: The Prevention of Overweight in Infancy study Obesity research & clinical practice, 8(#issue#), 102-3	Publication status
2528	Taylor-Robinson, D. C.,Williams, H.,Pearce, A.,Law, C.,Hope, S. (2015). Do early life exposures explain why more advantaged children get eczema? Findings from the UK Millennium Cohort Study Br J Dermatol, #volume#(#issue#), #Pages#	Study design
2529	Tee, J. H. (1987). Some characteristics of 5-year-old children with a dmf of six or more in Gloucestershire, England Community Dent Health, 4(2), 121-8	Study design
2530	Teele, D. W.,Klein, J. O.,Rosner, B. (1989). Epidemiology of otitis media during the first seven years of life in children in greater Boston: a prospective, cohort study J Infect Dis, 160(1), 83-94	Outcome

	Full texts screened	Reason for exclusion
2531	Teixeira Mde, L.,Lira, P. I.,Coutinho, S. B.,Eickmann, S. H.,Lima, M. C. (2010). Influence of breastfeeding type and maternal anemia on hemoglobin concentration in 6-month-old infants J Pediatr (Rio J), 86(1), 65-72	Study design
2532	Teixeira, Ana Karine Macedo,Menezes, LÃ©a Maria Bezerra de,Dias, Aldo Angelim,Alencar, Carlos Henrique Morais de,Almeida, Maria Eneide LeitÃ£o de (2010). Analysis of protection or risk factors for dental fluorosis in 6 to 8 year-old children in Fortaleza, Brazil Revista Panamericana de Salud Publica, 28(6), 421-428 8p	Language
2533	Teka, T.,Faruque, A. S.,Fuchs, G. J. (1996). Risk factors for deaths in under-age-five children attending a diarrhoea treatment centre Acta Paediatr, 85(9), 1070-5	Country
2534	Telahun, M.,Abdulkadir, J.,Kebede, E. (1994). The relation of early nutrition, infections and socio-economic factors to the development of childhood diabetes Ethiop Med J, 32(4), 239-44	Country
2535	Temboury, M. C.,Otero, A.,Polanco, I.,Arribas, E. (1994). Influence of breast-feeding on the infant's intellectual development J Pediatr Gastroenterol Nutr, 18(1), 32-6	Intervention/exposure
2536	Tenebaum, D.,Gambert, P.,Meunier, S.,d'Athis, P.,Nivelon, J. L.,Lallemand, C. (1988). Serum lipoproteins in venous blood serum from birth to the end of the first week: feeding influences Biol Neonate, 53(3), 126-31	Size of study groups
2537	Thacher, T. D.,Fischer, P. R.,Tebben, P. J.,Singh, R. J.,Cha, S. S.,Maxson, J. A.,Yawn, B. P. (2013). Increasing incidence of nutritional rickets: a population-based study in Olmsted County, Minnesota Mayo Clin Proc, 88(2), 176-83	Study design, Size of study groups
2538	Thakur, R.,Singh, M. G.,Chaudhary, S.,Manuja, N. (2012). Effect of mode of delivery and feeding practices on acquisition of oral Streptococcus mutans in infants Int J Paediatr Dent, 22(3), 197-202	Country, Size of study group
2539	Thapa, S.,Short, R. V.,Potts, M. (1988). Breast feeding, birth spacing and their effects on child survival Nature, 335(6192), 679-82	Study design
2540	Thaver, I. H. (1990). "Risk approach" for reducing malnutrition in children from a privileged community J Pak Med Assoc, 40(3), 59-61	Country
2541	Thiering, E.,Bruske, I.,Kratzsch, J.,Thiery, J.,Sausenthaler, S.,Meisinger, C.,Koletzko, S.,Bauer, C. P.,Schaaf, B.,von Berg, A.,Berdel, D.,Lehmann, I.,Herbarth, O.,Kramer, U.,Wichmann, H. E.,Heinrich, J. (2011). Prenatal and postnatal tobacco smoke exposure and development of insulin resistance in 10 year old children Int J Hyg Environ Health, 214(5), 361-8	Intervention/exposure
2542	Thies, P. A.,Jeris, L. S. (1981). Infant feeding practices and dental health. Part 2: breastfeeding and dental caries Bull Mich Dent Hyg Assoc, 11(1), 6-7, 20	Study design
2543	Thitasomakul, S.,Piwat, S.,Thearmontree, A.,Chankanka, O.,Pithpornchaiyakul, W.,Madyusoh, S. (2009). Risks for early childhood caries analyzed by negative binomial models J Dent Res, 88(2), 137-41	Study design, Size of study groups
2544	Thomas, G. P.,Soni, N. N. (1987). Clinical manifestations and management of nursing bottle syndrome J Md State Dent Assoc, 30(2), 62-4	Study design
2545	Thomaz, E. B.,Cangussu, M. C.,Assis, A. M. (2012). Maternal breastfeeding, parafunctional oral habits and malocclusion in adolescents: a multivariate analysis Int J Pediatr Otorhinolaryngol, 76(4), 500-6	Study design
2546	Thompson, A. L.,Adair, L. S.,Bentley, M. E. (2013). Pressuring and restrictive feeding styles influence infant feeding and size among a low-income African-American sample Obesity (Silver Spring), 21(3), 562-71	Intervention/exposure
2547	Thompson, A. L.,Lampl, M. (2013). Prenatal and postnatal energetic conditions and sex steroids levels across the first year of life Am J Hum Biol, 25(5), 643-54	Outcome, Size of study groups
2548	Thompson, M. (1987). Think zinc Neonatal Netw, 6(1), 44-5	Study design
2549	Thompson, N. P.,Montgomery, S. M.,Wadsworth, M. E.,Pounder, R. E.,Wakefield, A. J. (2000). Early determinants of inflammatory bowel disease: use of two national longitudinal birth cohorts Eur J Gastroenterol Hepatol, 12(1), 25-30	Size of study groups
2550	Thomsen, S. F.,Ulrik, C. S.,Porsbjerg, C.,Backer, V. (2006). Early life exposures and risk of atopy among Danish children Allergy Asthma Proc, 27(2), 110-4	Study design, Outcome

	Full texts screened	Reason for exclusion
2551	Thomson, J. L.,Tussing-Humphreys, L. M.,Goodman, M. H. (2014). Delta Healthy Sprouts: a randomized comparative effectiveness trial to promote maternal weight control and reduce childhood obesity in the Mississippi Delta Contemp Clin Trials, 38(1), 82-91	Study design, Outcome
2552	Thomson, K.,Morley, R.,Grover, S. R.,Zacharin, M. R. (2004). Postnatal evaluation of vitamin D and bone health in women who were vitamin D-deficient in pregnancy, and in their infants Med J Aust, 181(9), 486-8	Size of study groups
2553	Thomson, M. (1994). Otitis media. How are First Nations children affected? Can Fam Physician, 40(#issue#), 1943-50	Study design, Intervention/exposure
2554	Thorisdottir, A. V.,Ramel, A.,Palsson, G. I.,Tomassson, H.,Thorsdottir, I. (2013). Iron status of one-year-olds and association with breast milk, cow's milk or formula in late infancy Eur J Nutr, 52(6), 1661-8	Intervention/exposure
2555	Thorpe, K.,Rutter, M.,Greenwood, R. (2003). Twins as a natural experiment to study the causes of mild language delay: II: Family interaction risk factors J Child Psychol Psychiatry, 44(3), 342-55	Outcome
2556	Thorsdottir, I.,Birgisdottir, B. E.,Johannsdottir, I. M.,Harris, D. P.,Hill, J.,Steingrimsdottir, L.,Thorsson, A. V. (2000). Different beta-casein fractions in Icelandic versus Scandinavian cow's milk may influence diabetogenicity of cow's milk in infancy and explain low incidence of insulin-dependent diabetes mellitus in Iceland Pediatrics, 106(4), 719-24	Outcome
2557	Thorsdottir, I.,Gunnarsdottir, I.,Kvaran, M. A.,Gretarsson, S. J. (2005). Maternal body mass index, duration of exclusive breastfeeding and children's development status at the age of 6 years European Journal of Clinical Nutrition, 59(3), 426-431	Intervention/exposure
2558	Thorsdottir, I.,Gunnarsdottir, I.,Kvaran, M. A.,Gretarsson, S. J. (2005). Maternal body mass index, duration of exclusive breastfeeding and children's developmental status at the age of 6 years Eur J Clin Nutr, 59(3), 426-31	Intervention/exposure
2559	Thorsdottir, I.,Gunnarsdottir, I.,Palsson, G. I. (2003). Association of birth weight and breast-feeding with coronary heart disease risk factors at the age of 6 years Nutr Metab Cardiovasc Dis, 13(5), 267-72	Outcome
2560	Thorsdottir, I.,Gunnarsdottir, I.,Palsson, G. I. (2003). Birth weight, growth and feeding in infancy: relation to serum lipid concentration in 12-month-old infants Eur J Clin Nutr, 57(11), 1479-85	Outcome
2561	Thorsdottir, I.,Gunnarsson, B. S. (2006). Dietary quality and adequacy of micronutrient intakes in children Proc Nutr Soc, 65(4), 366-75	Study design
2562	Thurtle, V. (1985). Infant feeding Nurs Mirror, 160(19), 44-5	Study design, Outcome
2563	Timby, N.,Domellof, E.,Hernell, O.,Lonnerdal, B.,Domellof, M. (2014). Neurodevelopment, nutrition, and growth until 12 mo of age in infants fed a low-energy, low-protein formula supplemented with bovine milk fat globule membranes: a randomized controlled trial Am J Clin Nutr, 99(4), 860-8	Intervention/exposure
2564	Timby, N.,Hernell, O.,Lonnerdal, B.,Domellof, M. (2014). Parental feeding control in relation to feeding mode and growth pattern during early infancy Acta Paediatr, 103(10), 1072-7	Intervention/exposure
2565	Timby, N.,Hernell, O.,Vaarala, O.,Melin, M.,Lonnerdal, B.,Domellof, M. (2015). Infections in infants fed formula supplemented with bovine milk fat globule membranes J Pediatr Gastroenterol Nutr, 60(3), 384-9	Intervention/exposure
2566	Timby, N.,Lonnerdal, B.,Hernell, O.,Domellof, M. (2014). Cardiovascular risk markers until 12 mo of age in infants fed a formula supplemented with bovine milk fat globule membranes Pediatr Res, 76(4), 394-400	Intervention/exposure
2567	Timmermans, F. J.,Gerson, S. (1980). Chronic granulomatous otitis media in bottle-fed Inuit children Can Med Assoc J, 122(5), 545-7	Study design, Intervention/exposure
2568	Timmermans, M. J.,Dagnelie, P. C.,Theunisz, E. H.,Ewalds, D.,Thijs, C.,Mommers, M.,Arts, I. C. (2015). Dietary nucleotide and nucleoside exposure in infancy and atopic dermatitis, recurrent wheeze, and allergic sensitization J Pediatr Gastroenterol Nutr, 60(5), 691-3	Intervention/exposure
2569	Tiwari, S. (2015). Age of Introduction of Complementary Feeding and Iron Deficiency Anemia in Breastfed Infants,Child Health Viewpoint Indian Pediatr, 52(11), 977-8	Study design

	Full texts screened	Reason for exclusion
2570	Todd, R.,Gelbier, S. (1990). Dental caries prevalence in Vietnamese children and teenagers in three London boroughs Br Dent J, 168(1), 24-6	Study design
2571	Togo, A.,Espadas Macia, D.,Blanes Segura, S.,Sivo Diaz, N.,Villalba Martinez, C. (2015). [Is there vitamin D deficiency in children in a sunny Mediterranean city?] An Pediatr (Barc), #volume#(#issue#), #Pages#	Study design, Intervention/exposure
2572	Tom, W. L. (2012). Atopic dermatitis: Recent findings and insights Pediatric Annals, 41(1), 1-5	Study design
2573	Tomblin, J. B.,Smith, E.,Zhang, X. (1997). Epidemiology of specific language impairment: prenatal and perinatal risk factors J Commun Disord, 30(4), 325-43; quiz 343-4	Outcome
2574	Toms, G. L.,Scott, R. (1987). Respiratory syncytial virus and the infant immune response Arch Dis Child, 62(6), 544-6	Study design, Intervention/exposure
2575	Toro Monjaraz, E. M.,Ramirez Mayans, J. A.,Cervantes Bustamante, R.,Gomez Morales, E.,Molina Rosales, A.,Montijo Barrios, E.,Zarate Mondragon, F.,Cadena Leon, J.,Cazares Mendez, M.,Lopez-Ugalde, M. (2015). Perinatal factors associated with the development of cow's milk protein allergy Rev Gastroenterol Mex, 80(1), 27-31	Language
2576	Toro, K.,Sotonyi, P. (2001). Distribution of prenatal and postnatal risk factors for sudden infant death in Budapest Scand J Prim Health Care, 19(3), 178-80	Intervention/exposure
2577	Torowicz, Deborah L.,Spatz, Diane L.,Seelhorst, Amanda (2013). Human Milk and Breastfeeding in the Cardiac Center: A Prospective, Descriptive Study Journal of Pediatric Healthcare, 27(5), 325-325 1p	Participant health, Publication status
2578	Torsvik, I. K.,Markestad, T.,Ueland, P. M.,Nilsen, R. M.,Midttun, O.,Bjorke Monsen, A. L. (2013). Evaluating iron status and the risk of anemia in young infants using erythrocyte parameters Pediatr Res, 73(2), 214-20	Size of study groups
2579	Toschke, A. M.,Beyerlein, A.,von Kries, R. (2005). Children at high risk for overweight: a classification and regression trees analysis approach Obes Res, 13(7), 1270-4	Study design
2580	Toschke, A. M.,Martin, R. M.,von Kries, R.,Wells, J.,Smith, G. D.,Ness, A. R. (2007). Infant feeding method and obesity: body mass index and dual-energy X-ray absorptiometry measurements at 9-10 y of age from the Avon Longitudinal Study of Parents and Children (ALSPAC) Am J Clin Nutr, 85(6), 1578-85	Outcome
2581	Toselli, S.,Zaccagni, L.,Celenza, F.,Albertini, A.,Gualdi-Russo, E. (2015). Risk factors of overweight and obesity among preschool children with different ethnic background Endocrine, 49(3), 717-25	Study design
2582	Tozzi, A. E.,Bisiacchi, P.,Tarantino, V.,Chiarotti, F.,D'Elia, L.,De Mei, B.,Romano, M.,Gesualdo, F.,Salmaso, S. (2012). Effect of duration of breastfeeding on neuropsychological development at 10 to 12 years of age in a cohort of healthy children Dev Med Child Neurol, 54(9), 843-8	Intervention/exposure
2583	Trabulsi, J.,Capeding, R.,Lebumfacil, J.,Ramanujam, K.,Feng, P.,McSweeney, S.,Harris, B.,DeRusso, P. (2011). Effect of an alpha-lactalbumin-enriched infant formula with lower protein on growth Eur J Clin Nutr, 65(2), 167-74	Outcome
2584	Tran, T. D.,Biggs, B. A.,Tran, T.,Simpson, J. A.,Hanieh, S.,Dwyer, T.,Fisher, J. (2013). Impact on infants' cognitive development of antenatal exposure to iron deficiency disorder and common mental disorders PLoS One, 8(9), e74876	Country, Intervention/exposure
2585	Trapp, P. G.,Mielke, J. H.,Jorde, L. B.,Eriksson, A. W. (1983). Infant mortality patterns in Aland, Finland Hum Biol, 55(1), 131-49	Study design, Intervention/exposure
2586	Trevino-Garza, C.,Mancillas-Adame, L.,Villarreal-Perez, J. Z.,De la, O. Cavazos M. E.,Estrada-Zuniga, C. M.,Bosques-Padilla, F. J.,Argente, J. (2012). Association between umbilical cord leptin and weight gain according to feeding type in the early postnatal period, a brief report Rev Invest Clin, 64(6 Pt 2), 615-9	Outcome
2587	Truswell, A. S. (1985). ABC of nutrition. Infant feeding Br Med J (Clin Res Ed), 291(6491), 333-7	Study design
2588	Tsai, A. I.,Johnsen, D. C.,Lin, Y. H.,Hsu, K. H. (2001). A study of risk factors associated with nursing caries in Taiwanese children aged 24-48 months Int J Paediatr Dent, 11(2), 147-9	Study design

	Full texts screened	Reason for exclusion
2589	Tsai, S. F.,Chen, S. J.,Yen, H. J.,Hung, G. Y.,Tsao, P. C.,Jeng, M. J.,Lee, Y. S.,Soong, W. J.,Tang, R. B. (2014). Iron deficiency anemia in predominantly breastfed young children Pediatr Neonatol, 55(6), 466-9	Study design, Participant health
2590	Tsang RC (1983). The quandary of vitamin D in the newborn infant Lancet, 1(#issue#), 1370-2	Study design
2591	Tsao, P. C.,Chang, F. Y.,Chen, S. J.,Soong, W. J.,Jeng, M. J.,Lee, Y. S.,Yen, H. J.,Yang, C. F.,Tang, R. B. (2012). Sudden and unexpected and near death during the early neonatal period: a multicenter study J Chin Med Assoc, 75(2), 65-9	Study design, Size of study groups
2592	Tse, S. M.,Coull, B. A.,Sordillo, J. E.,Datta, S.,Gold, D. R. (2015). Gender- and age-specific risk factors for wheeze from birth through adolescence Pediatric Pulmonology, 50(10), 955-962	Outcome
2593	Tseng, E.,Potter, S. M.,Picciano, M. F. (1990). Dietary protein source and plasma lipid profiles of infants Pediatrics, 85(4), 548-52	Size of study groups
2594	Tsubouchi, J.,Higashi, T.,Shimono, T.,Domoto, P. K.,Weinstein, P. (1994). A study of baby bottle tooth decay and risk factors for 18-month old infants in rural Japan ASDC J Dent Child, 61(4), 293-8	Study design
2595	Tsubouchi, J.,Tsubouchi, M.,Maynard, R. J.,Domoto, P. K.,Weinstein, P. (1995). A study of dental caries and risk factors among Native American infants ASDC J Dent Child, 62(4), 283-7	Study design
2596	Tsutie S,Kurihara N,Sasaki A,Takagi A,Seguti H,Inatome T (2010). Formulas providing adequate pantothenic acid, vitamin D, manganese, iron and vitamin A for infants fed with mother's milk (aged 6-11 months) according to the Japanese Dietary Reference Intakes prepared by the Ministry of Health, Labour and Welfare (2005 edition) Matern Child Nutr, 6(#issue#), 147-58	Intervention/exposure, Outcome
2597	Tu, P. (1989). The effects of breastfeeding and birth spacing on child survival in China Stud Fam Plann, 20(6 Pt 1), 332-42	Study design
2598	Tulldahl, J.,Pettersson, K.,Andersson, S. W.,Hulthen, L. (1999). Mode of infant feeding and achieved growth in adolescence: early feeding patterns in relation to growth and body composition in adolescence Obes Res, 7(5), 431-7	Intervention/exposure
2599	Tuncbilek, E.,Uner, S.,Ulusoy, M. (1983). Breastfeeding in Turkey: the demographic and socio-economic aspects and relationship with infant/child mortality Turk J Pediatr, 25(1), 3-23	Study design, Outcome
2600	Turati, F.,Bertuccio, P.,Galeone, C.,Pelucchi, C.,Naldi, L.,Bach, J. F.,La Vecchia, C.,Chatenoud, L. (2016). Early weaning is beneficial to prevent atopic dermatitis occurrence in young children Allergy, #volume#(#issue#), #Pages#	Outcome
2601	Turck, D.,Grillon, C.,Lachambre, E.,Robiliard, P.,Beck, L.,Maurin, J. L.,Kempf, C.,Bernet, J. P.,Marx, J.,Lebrun, F.,Van Egroo, L. D. (2006). Adequacy and safety of an infant formula with a protein/energy ratio of 1.8 g/100 kcal and enhanced protein efficiency for term infants during the first 4 months of life J Pediatr Gastroenterol Nutr, 43(3), 364-71	Intervention/exposure
2602	Turkoglu, S.,Bilgic, A.,Akca, O. F. (2015). ADHD symptoms, breast-feeding and obesity in children and adolescents Pediatr Int, 57(4), 546-51	Study design
2603	Turner, S.,Zhang, G.,Young, S.,Cox, M.,Goldblatt, J.,Landau, L.,Le Souef, P. (2008). Associations between postnatal weight gain, change in postnatal pulmonary function, formula feeding and early asthma Thorax, 63(3), 234-9	Intervention/exposure
2604	Tuthill, D. P.,Cosgrove, M.,Dunstan, F.,Stuart, M. L.,Wells, J. C.,Davies, D. P. (2002). Randomized double-blind controlled trial on the effects on iron status in the first year between a no added iron and standard infant formula received for three months Acta Paediatr, 91(2), 119-24	Intervention/exposure
2605	Tyler, M.,Hellings, P. (2005). Feeding method and rehospitalization in newborns less than 1 month of age J Obstet Gynecol Neonatal Nurs, 34(1), 70-9	Participant health, Size of study groups
2606	Tyson, J.,Burchfield, J.,Sentance, F.,Mize, C.,Uauy, R.,Eastburn, J. (1992). Adaptation of feeding to a low fat yield in breast milk Pediatrics, 89(2), 215-20	Intervention/exposure, Size of study groups
2607	Uauy, R.,Mize, C. E.,Castillo-Duran, C. (2000). Fat intake during childhood: metabolic responses and effects on growth Am J Clin Nutr, 72(5 Suppl), 1354S-1360S	Study design, Size of study groups
2608	Ugur, S.,Haktan, M.,Cakir, E.,Senocak, M.,Telci, A. (1988). Serum insulin and blood glucose levels in breast-fed and formula-fed infants in the first week of life Clin Ther, 10(6), 678-87	Study design, Size of study groups

	Full texts screened	Reason for exclusion
2609	Uhl, O.,Hellmuth, C.,Demmelmair, H.,Zhou, S. J.,Makrides, M.,Prosser, C.,Lowry, D.,Gibson, R. A.,Koletzko, B. (2015). Dietary Effects on Plasma Glycerophospholipids J Pediatr Gastroenterol Nutr, 61(3), 367-72	Outcome
2610	Uijterschout, L.,Vloemans, J.,Vos, R.,Teunisse, P. P.,Hudig, C.,Bubbers, S.,Verbruggen, S.,Veldhorst, M.,De Leeuw, T.,Van Goudoever, J. B.,Brus, F. (2014). Prevalence and risk factors of iron deficiency in healthy young children in the southwestern netherlands Journal of Pediatric Gastroenterology and Nutrition, 58(2), 193-198	Study design
2611	Ulak, M.,Chandyo, R. K.,Adhikari, R. K.,Sharma, P. R.,Sommerfelt, H.,Refsum, H.,Strand, T. A. (2014). Cobalamin and folate status in 6 to 35 months old children presenting with acute diarrhea in Bhaktapur, Nepal PLoS One, 9(3), e90079	Country
2612	Ulbak, J.,Lauritzen, L.,Hansen, H. S.,Michaelsen, K. F. (2004). Diet and blood pressure in 2.5-y-old Danish children Am J Clin Nutr, 79(6), 1095-102	Outcome
2613	Umer, A.,Hamilton, C.,Britton, C. M.,Mullett, M. D.,John, C.,Neal, W.,Lilly, C. L. (2015). Association between Breastfeeding and Childhood Obesity: Analysis of a Linked Longitudinal Study of Rural Appalachian Fifth-Grade Children Child Obes, 11(4), 449-55	Study design
2614	Unay, B.,Sarici, S. U.,Ulas, U. H.,Akin, R.,Alpay, F.,Gokcay, E. (2004). Nutritional effects on auditory brainstem maturation in healthy term infants Arch Dis Child Fetal Neonatal Ed, 89(2), F177-9	Size of study groups
2615	Urayama, K. Y.,Chokkalingam, A. P.,Metayer, C.,Ma, X.,Selvin, S.,Barcellos, L. F.,Wiemels, J. L.,Wiencke, J. K.,Taylor, M.,Brennan, P.,Dahl, G. V.,Moonsamy, P.,Erlich, H. A.,Trachtenberg, E.,Buffler, P. A. (2012). HLA-DP genetic variation, proxies for early life immune modulation and childhood acute lymphoblastic leukemia risk Blood, 120(15), 3039-47	Outcome
2616	Vaarala, O.,Ilonen, J.,Ruohtula, T.,Pesola, J.,Virtanen, S. M.,Harkonen, T.,Koski, M.,Kallioinen, H.,Tossavainen, O.,Poussa, T.,Jarvenpaa, A. L.,Komulainen, J.,Lounamaa, R.,Akerblom, H. K.,Knip, M. (2012). Removal of bovine insulin from cow's milk formula and early initiation of beta-cell autoimmunity in the FINDIA pilot study Archives of pediatrics & adolescent medicine, 166(7), 608-14	Size of study groups, Intervention/exposure
2617	Vaarala, O.,Knip, M.,Paronen, J.,Hamalainen, A. M.,Muona, P.,Vaatainen, M.,Ilonen, J.,Simell, O.,Akerblom, H. K. (1999). Cow's milk formula feeding induces primary immunization to insulin in infants at genetic risk for type 1 diabetes Diabetes, 48(7), 1389-94	Outcome
2618	Vafa, M.,Heshmati, J.,Sadeghi, H.,Shidfar, F.,Namazi, N.,Baradaran, H.,Heydarpour, B.,Jalili, Z. (2015). Is exclusive breastfeeding and its duration related to cardio respiratory fitness in childhood? J Matern Fetal Neonatal Med, #volume#(#issue#), 1-6	Study design
2619	Vaidergorn, B. (1991). Oral habits and atypical deglutition in certain Sao Paulo children Int J Orofacial Myology, 17(3), 11-5	Study design, Intervention/exposure
2620	Valaitis, R. K.,Ciliska, D. K.,Sheeshka, J. D.,Sword, W. A. (1996). Surveying infant feeding practices Can Nurse, 92(4), 21	Study design
2621	Valentin-Blasini, L.,Blount, B. C.,Otero-Santos, S.,Cao, Y.,Bernbaum, J. C.,Rogan, W. J. (2011). Perchlorate exposure and dose estimates in infants Environ Sci Technol, 45(9), 4127-32	Study design
2622	Valman, H. B. (1980). The first year of life: feeding and feeding problems Br Med J, 280(6212), 457-60	Study design
2623	Valvi, D.,Mendez, M. A.,Garcia-Esteban, R.,Ballester, F.,Ibarluzea, J.,Goni, F.,Grimalt, J. O.,Llop, S.,Marina, L. S.,Vizcaino, E.,Sunyer, J.,Vrijheid, M. (2014). Prenatal exposure to persistent organic pollutants and rapid weight gain and overweight in infancy Obesity (Silver Spring), 22(2), 488-96	Intervention/exposure
2624	Van Asperen, P. P.,Kemp, A. S.,Mellis, C. M. (1984). Relationship of diet in the development of atopy in infancy Clin Allergy, 14(6), 525-32	Intervention/exposure, Size of study groups
2625	van Beijsterveldt, T. C.,Boomsma, D. I. (2008). An exploration of gene-environment interaction and asthma in a large sample of 5-year-old Dutch twins Twin Res Hum Genet, 11(2), 143-9	Outcome
2626	Van Biervliet, J. P.,Rosseneu, M.,Caster, H. (1986). Influence of dietary factors on the plasma lipoprotein composition and content in neonates Eur J Pediatr, 144(5), 489-93	Size of study groups

	Full texts screened	Reason for exclusion
2627	Van Biervliet, J. P.,Vinaimont, N.,Caster, H.,Vercaemst, R.,Rosseneu, M. (1981). Lipoprotein patterns in newborns. Influence of nutritional factors Acta Cardiol Suppl, 27(#issue#), 69-81	Size of study groups
2628	van Biervliet, J. P.,Vinaimont, N.,Caster, H.,Vercaemst, R.,Rosseneu, M. (1981). Plasma apoprotein and lipid patterns in newborns: influence of nutritional factors Acta Paediatr Scand, 70(6), 851-6	Size of study groups
2629	Van Biervliet, J. P.,Vinaimont, N.,Vercaemst, R.,Rosseneu, M. (1992). Serum cholesterol, cholesteryl ester, and high-density lipoprotein development in newborn infants: response to formulas supplemented with cholesterol and gamma-linolenic acid J Pediatr, 120(4 Pt 2), S101-8	Size of study groups
2630	Van Biervliet, S.,Van Biervliet, J. P.,Bernard, D.,Vercaemst, R.,Blaton, V. (2003). Serum zinc in healthy Belgian children Biological Trace Element Research, 94(1), 33-40	Study design
2631	van Buuren, S. (2010). Effects of selective dropout on infant growth standards Nestle Nutr Workshop Ser Pediatr Program, 65(#issue#), 167-75; discussion 175-9	Publication status
2632	van den Berg, G.,van Eijsden, M.,Galindo-Garre, F.,Vrijkotte, T. G.,Gemke, R. J. (2013). Explaining socioeconomic inequalities in childhood blood pressure and prehypertension: the ABCD study Hypertension, 61(1), 35-41	Intervention/exposure
2633	Van Den Berg, G.,Van Eijsden, M.,Galindo-Garre, F.,Vrijkotte, T.,Gemke, R. (2013). Low maternal education is associated with increased growth velocity in the first year of life and in early childhood: the ABCD study Eur J Pediatr, 172(11), 1451-7	Intervention/exposure
2634	van den Bogaard, C.,van den Hoogen, H. J.,Huygen, F. J.,van Weel, C. (1991). The relationship between breast-feeding and early childhood morbidity in a general population Fam Med, 23(7), 510-5	Study design
2635	van den Bogaard, C.,van den Hoogen, H. J.,Huygen, F. J.,van Weel, C. (1993). Is the breast best for children with a family history of atopy? The relation between way of feeding and early childhood morbidity Fam Med, 25(7), 471-5	Intervention/exposure
2636	Van der Elst, C. W.,Dempster, W. S.,Woods, D. L.,Heese, H. D. (1986). Serum zinc and copper in thin mothers, their breast milk and their infants J Trop Pediatr, 32(3), 111-4	Country, Intervention/exposure
2637	van der Willik, E. M.,Vrijkotte, T. G.,Altenburg, T. M.,Gademan, M. G.,Kist-van Holthe, J. (2015). Exclusively breastfed overweight infants are at the same risk of childhood overweight as formula fed overweight infants Arch Dis Child, 100(10), 932-7	Intervention/exposure
2638	van Dijk, C. E.,Innis, S. M. (2009). Growth-curve standards and the assessment of early excess weight gain in infancy Pediatrics, 123(1), 102-8	Size of study groups, Intervention/exposure
2639	van Elten, T. M.,van Rossem, L.,Wijga, A. H.,Brunekreef, B.,de Jongste, J. C.,Koppelman, G. H.,Smit, H. A. (2015). Breast milk fatty acid composition has a long-term effect on the risk of asthma, eczema, and sensitization Allergy, 70(11), 1468-76	Intervention/exposure
2640	Van Howe, R. S.,Storms, M. R. (2008). Blood glucose determinations in large for gestational age infants Am J Perinatol, 25(5), 283-9	Study design, Intervention/exposure
2641	van Merode, T.,Maas, T.,Twellaar, M.,Kester, A.,van Schayck, C. P. (2007). Gender-specific differences in the prevention of asthma-like symptoms in high-risk infants Pediatr Allergy Immunol, 18(3), 196-200	Outcome
2642	van Odijk, J.,Hulthen, L.,Ahlstedt, S.,Borres, M. P. (2004). Introduction of food during the infant's first year: a study with emphasis on introduction of gluten and of egg, fish and peanut in allergy-risk families Acta Paediatr, 93(4), 464-70	Study design, Intervention/exposure
2643	van Palenstein Helderman, W. H.,Soe, W.,van 't Hof, M. A. (2006). Risk factors of early childhood caries in a Southeast Asian population J Dent Res, 85(1), 85-8	Country, Intervention/exposure
2644	van Rossem, L.,Taveras, E. M.,Gillman, M. W.,Kleinman, K. P.,Rifas-Shiman, S. L.,Raat, H.,Oken, E. (2011). Is the association of breastfeeding with child obesity explained by infant weight change? Int J Pediatr Obes, 6(2-2), e415-22	Outcome
2645	van Rossem, L.,Wijga, A. H.,Brunekreef, B.,de Jongste, J. C.,Kerkhof, M.,Postma, D. S.,Gehring, U.,Smit, H. A. (2014). Overweight in infancy: which pre- and perinatal factors determine overweight persistence or reduction? A birth cohort followed for 11 years Ann Nutr Metab, 65(2-3), 211-9	Participant health

	Full texts screened	Reason for exclusion
2646	van Rossem, L.,Wijga, A. H.,de Jongste, J. C.,Koppelman, G. H.,Oldenwening, M.,Postma, D. S.,Abrahamse-Berkeveld, M.,van de Heijning, B.,Brunekreef, B.,Smit, H. A. (2012). Blood pressure in 12-year-old children is associated with fatty acid composition of human milk: the prevention and incidence of asthma and mite allergy birth cohort Hypertension, 60(4), 1055-60	Intervention/exposure
2647	van Stuijvenberg, M.,Eisses, A. M.,Gruber, C.,Mosca, F.,Arslanoglu, S.,Chirico, G.,Braegger, C. P.,Riedler, J.,Boehm, G.,Sauer, P. J. (2011). Do prebiotics reduce the number of fever episodes in healthy children in their first year of life: a randomised controlled trial Br J Nutr, 106(11), 1740-8	Intervention/exposure
2648	van Stuijvenberg, M.,Stam, J.,Gruber, C.,Mosca, F.,Arslanoglu, S.,Chirico, G.,Braegger, C. P.,Riedler, J.,Boehm, G.,Sauer, P. J. (2015). Similar Occurrence of Febrile Episodes Reported in Non-Atopic Children at Three to Five Years of Age after Prebiotics Supplemented Infant Formula PLoS One, 10(6), e0129927	Intervention/exposure
2649	van t Hof Msc, M. A. (2000). The influence of breastfeeding and complementary foods on growth until three years of age in the Euro-Growth Study Pediatrics, 106(5), 1281a-1281	Intervention/exposure
2650	van Wouwe, J. P.,van den Hamer, C. J.,van Tricht, J. B. (1986). Serum zinc concentrations in exclusively breast-fed infants and in infants fed an adapted formula Eur J Pediatr, 144(6), 598-600	Study design
2651	Vandenplas, Y.,Deneyer, M.,Sacre, L.,Loeb, H. (1988). Preliminary data on a field study with a new hypo-allergic formula European Journal of Pediatrics, 148(3), 274-277	Size of study groups
2652	Vandenplas, Y.,Sacre, L. (1986). Influences of neonatal serum IgE concentration, family history and diet on the incidence of cow's milk allergy Eur J Pediatr, 145(6), 493-5	Intervention/exposure
2653	Vanderhoof, J. A.,Murray, N. D.,Antonson, D. L.,Kaufman, S. S. (1986). Familial occurrence of protracted diarrhea of infancy J Pediatr, 109(5), 845-7	Study design, Size of study groups
2654	Vanella, L.,de Gonzalez Lascano, A. M. (1988). CD4+, CD8+ cells, IgE and prick test in infants allergic to cow's milk Allergol Immunopathol (Madr), 16(5), 327-31	Participant health
2655	Vanessa Nazareth, Isis,Maria Meneses dos Santos, InÃªs,Paula Oliveira GonÃ§alves, Ana,Sena Souza, Ester (2013). RISK FOR CHILD DEVELOPMENT ACCORDING TO THE INTEGRATED ATTENTION STRATEGY TO THE PREVALENT ILLNESSES IN CHILDHOOD Journal of Nursing UFPE / Revista de Enfermagem UFPE, 7(2), 328-336 9p	Study design, Intervention/exposure
2656	Varga, G. (2008). A comparative study of the social-political determinants of infant and child mortality in Sweden and Hungary 1850-1945 Orvostort Kozl, 54(1-4), 5-29	Study design
2657	Vasallo, M. I.,Martinez, R.,Ballesta, M. J.,Vives, I.,Sanchez-Solis, M.,Peso, P.,Martinez, C. (2011). Effect of an infant formula containing milk fat, Alpha-lactalbumin, Nucleotides and lcpufa on stool patterns in infants Journal of pediatric gastroenterology and nutrition, 52(#issue#), E166	Publication status
2658	Vazquez, E. (2007). 14th annual retrovirus conference (CROI). Astounding choice in breastfeeding: infection or death Posit Aware, 18(3), 29-30	Study design
2659	Veereman-Wauters, G.,Staelens, S.,Van de Broek, H.,Plaskie, K.,Wesling, F.,Roger, L. C.,McCartney, A. L.,Assam, P. (2011). Physiological and bifidogenic effects of prebiotic supplements in infant formulae J Pediatr Gastroenterol Nutr, 52(6), 763-71	Size of study groups
2660	Vehapoglu, A.,Yazici, M.,Demir, A. D.,Turkmen, S.,Nursoy, M.,Ozkaya, E. (2014). Early infant feeding practice and childhood obesity: the relation of breast-feeding and timing of solid food introduction with childhood obesity J Pediatr Endocrinol Metab, 27(11-12), 1181-7	Study design
2661	Venkataraman, P. S.,Luhar, H.,Neylan, M. J. (1992). Bone mineral metabolism in full-term infants fed human milk, cow milk-based, and soy-based formulas Am J Dis Child, 146(11), 1302-5	Size of study groups
2662	Vennemann, M.,Bajanowski, T.,Butterfass-Bahloul, T.,Sauerland, C.,Jorch, G.,Brinkmann, B.,Mitchell, E. A. (2007). Do risk factors differ between explained sudden unexpected death in infancy and sudden infant death syndrome? Arch Dis Child, 92(2), 133-6	Outcome

	Full texts screened	Reason for exclusion
2663	Venter, C.,Pereira, B.,Voigt, K.,Grundy, J.,Clayton, C. B.,Higgins, B.,Arshad, S. H.,Dean, T. (2009). Factors associated with maternal dietary intake, feeding and weaning practices, and the development of food hypersensitivity in the infant Pediatr Allergy Immunol, 20(4), 320-7	Intervention/exposure
2664	Ventura, A. K.,Loken, E.,Birch, L. L. (2009). Developmental trajectories of girls' BMI across childhood and adolescence Obesity (Silver Spring), 17(11), 2067-74	Outcome
2665	Ventura, A.,Longo, G.,Longo, F.,Florean, P.,Scornavacca, G. (1989). Diet and atopic eczema in children Allergy, 44 Suppl 9(#issue#), 159-64	Study design, Size of study groups
2666	Verga, M. E.,Widmeier-Pasche, V.,Beck-Popovic, M.,Pauchard, J. Y.,Gehri, M. (2014). Iron deficiency in infancy: is an immigrant more at risk? Swiss Med Wkly, 144(#issue#), w14065	Study design, Intervention/exposure
2667	Verge, C. F.,Howard, N. J.,Irwig, L.,Simpson, J. M.,Mackerras, D.,Silink, M. (1994). Environmental factors in childhood IDDM. A population-based, case-control study Diabetes Care, 17(12), 1381-9	Outcome
2668	Verkasalo, M.,Kuitunen, P.,Savilahti, E.,Tiilikainen, A. (1981). Changing pattern of cow's milk intolerance. An analysis of the occurrence and clinical course in the 60s and mid-70s Acta Paediatr Scand, 70(3), 289-95	Participant health, Intervention/exposure
2669	Vernacchio, L.,Lesko, S. M.,Vezina, R. M.,Corwin, M. J.,Hunt, C. E.,Hoffman, H. J.,Mitchell, A. A. (2004). Racial/ethnic disparities in the diagnosis of otitis media in infancy Int J Pediatr Otorhinolaryngol, 68(6), 795-804	Study design
2670	Verstraete, S. G.,Heyman, M. B.,Wojcicki, J. M. (2014). Breastfeeding offers protection against obesity in children of recently immigrated Latina women J Community Health, 39(3), 480-6	Outcome
2671	Vesel, L.,Bahl, R.,Martines, J.,Penny, M.,Bhandari, N.,Kirkwood, B. R. (2010). Use of new World Health Organization child growth standards to assess how infant malnutrition relates to breastfeeding and mortality Bull World Health Organ, 88(1), 39-48	Intervention/exposure
2672	Vesikari, T.,Prymula, R.,Schuster, V.,Tejedor, J. C.,Cohen, R.,Bouckenooghe, A.,Damaso, S.,Han, H. H. (2012). Efficacy and immunogenicity of live-attenuated human rotavirus vaccine in breast-fed and formula-fed European infants Pediatr Infect Dis J, 31(5), 509-13	Outcome
2673	Vestergaard, M.,Obel, C.,Henriksen, T. B.,Sorensen, H. T.,Skajaa, E.,Ostergaard, J. (1999). Duration of breastfeeding and developmental milestones during the latter half of infancy Acta Paediatr, 88(12), 1327-32	Outcome
2674	Vestman, N. R.,Timby, N.,Holgerson, P. L.,Kressirer, C. A.,Claesson, R.,Domellof, M.,Ohman, C.,Tanner, A. C.,Hernell, O.,Johansson, I. (2013). Characterization and in vitro properties of oral lactobacilli in breastfed infants BMC Microbiol, 13(#issue#), 193	Study design
2675	Vichyanond, P. (1990). IgE regulation and the control of allergic diseases Asian Pac J Allergy Immunol, 8(1), 1-4	Study design
2676	Victora, C. G.,Barros, F. C.,Horta, B. L.,Lima, R. C. (2005). Breastfeeding and school achievement in Brazilian adolescents Acta Paediatr, 94(11), 1656-60	Outcome
2677	Victora, C. G.,Barros, F.,Lima, R. C.,Horta, B. L.,Wells, J. (2003). Anthropometry and body composition of 18 year old men according to duration of breast feeding: birth cohort study from Brazil BMJ, 327(7420), 901	Outcome
2678	Victora, C. G.,Fuchs, S. C.,Flores, J. A.,Fonseca, W.,Kirkwood, B. (1994). Risk factors for pneumonia among children in a Brazilian metropolitan area Pediatrics, 93(6 Pt 1), 977-85	Intervention/exposure
2679	Victora, C. G.,Hallal, P. C.,Araújo, C. L. P.,Menezes, A. M. B.,Wells, J. C. K.,Barros, F. C. (2008). Cohort profile: The 1993 pelotas (Brazil) birth cohort study International Journal of Epidemiology, 37(4), 704-709	Study design
2680	Victora, C. G.,Horta, B. L.,Loret de Mola, C.,Quevedo, L.,Pinheiro, R. T.,Gigante, D. P.,Goncalves, H.,Barros, F. C. (2015). Association between breastfeeding and intelligence, educational attainment, and income at 30 years of age: a prospective birth cohort study from Brazil Lancet Glob Health, 3(4), e199-205	Outcome

	Full texts screened	Reason for exclusion
2681	Victora, C. G.,Horta, B. L.,Post, P.,Lima, R. C.,De Leon Elizalde, J. W.,Gerson, B. M.,Barros, F. C. (2006). Breast feeding and blood lipid concentrations in male Brazilian adolescents J Epidemiol Community Health, 60(7), 621-5	Outcome
2682	Victora, C. G.,Huttly, S. R.,Barros, F. C.,Martines, J. C.,Vaughan, J. P. (1991). Prolonged breastfeeding and malnutrition: confounding and effect modification in a Brazilian cohort study Epidemiology, 2(3), 175-81	Outcome
2683	Victora, C. G.,Huttly, S. R.,Fuchs, S. C.,Nobre, L. C.,Barros, F. C. (1992). Deaths due to dysentery, acute and persistent diarrhoea among Brazilian infants Acta Paediatr Suppl, 381(#issue#), 7-11	Study design
2684	Victora, C. G.,Morris, S. S.,Barros, F. C.,de Onis, M.,Yip, R. (1998). The NCHS reference and the growth of breast- and bottle-fed infants J Nutr, 128(7), 1134-8	Intervention/exposure
2685	Victora, C. G.,Morris, S. S.,Barros, F. C.,Horta, B. L.,Weiderpass, E.,Tomasi, E. (1998). Breast-feeding and growth in Brazilian infants Am J Clin Nutr, 67(3), 452-8	Intervention/exposure
2686	Victora, C. G.,Rivera, J. A. (2014). Optimal child growth and the double burden of malnutrition: Research and programmatic implications American Journal of Clinical Nutrition, 100(6), 1611S-1612S	Study design
2687	Victora, C. G.,Smith, P. G.,Barros, F. C.,Vaughan, J. P.,Fuchs, S. C. (1989). Risk factors for deaths due to respiratory infections among Brazilian infants Int J Epidemiol, 18(4), 918-25	Outcome
2688	Victora, C. G.,Smith, P. G.,Vaughan, J. P.,Nobre, L. C.,Lombardi, C.,Teixeira, A. M.,Fuchs, S. C.,Moreira, L. B.,Gigante, L. P.,Barros, F. C. (1989). Infant feeding and deaths due to diarrhea. A case-control study Am J Epidemiol, 129(5), 1032-41	Outcome
2689	Victora, C. G.,Smith, P. G.,Vaughan, J. P.,Nobre, L. C.,Lombardi, C.,Teixeira, A. M.,Fuchs, S. M.,Moreira, L. B.,Gigante, L. P.,Barros, F. C. (1987). Evidence for protection by breast-feeding against infant deaths from infectious diseases in Brazil Lancet, 2(8554), 319-22	Outcome
2690	Victora, C. G.,Vaughan, J. P.,Martines, J. C.,Barcelos, L. B. (1984). Is prolonged breast-feeding associated with malnutrition? Am J Clin Nutr, 39(2), 307-14	Study design
2691	Viggiano, D.,Fasano, D.,Monaco, G.,Strohmenger, L. (2004). Breast feeding, bottle feeding, and non-nutritive sucking; effects on occlusion in deciduous dentition Arch Dis Child, 89(12), 1121-3	Study design
2692	Vigi, V.,Chierici, R.,Osti, L.,Fagioli, F.,Rescazzi, R. (1984). Serum zinc concentration in exclusively breast-fed infants and in infants fed an adapted formula Eur J Pediatr, 142(4), 245-7	Size of study groups
2693	Vignerova, J.,Shriver, L.,Paulova, M.,Brabec, M.,Schneidrova, D.,Ruzkova, R.,Prochazka, B.,Riedlovia, J. (2015). Growth of Czech breastfed infants in comparison with the World Health Organization standards Cent Eur J Public Health, 23(1), 32-8	Intervention/exposure
2694	Villalpando, S. (2000). Feeding mode, infections, and anthropometric status in early childhood Pediatrics, 106(5), 1282-3	Study design
2695	Villalpando, S.,Lopez-Alarcon, M. (2000). Growth faltering is prevented by breast-feeding in underprivileged infants from Mexico City J Nutr, 130(3), 546-52	Outcome
2696	Viner, R. M.,Hindmarsh, P. C.,Taylor, B.,Cole, T. J. (2008). Childhood body mass index (BMI), breastfeeding and risk of Type 1 diabetes: findings from a longitudinal national birth cohort Diabet Med, 25(9), 1056-61	Intervention/exposure
2697	Violato, M.,Petrou, S.,Gray, R.,Redshaw, M. (2011). Family income and child cognitive and behavioural development in the United Kingdom: does money matter? Health Econ, 20(10), 1201-25	Study design, Intervention/exposure
2698	Virtanen, S. M.,Kenward, M. G.,Erkkola, M.,Kautiainen, S.,Kronberg-Kippila, C.,Hakulinen, T.,Ahonen, S.,Uusitalo, L.,Niinisto, S.,Veijola, R.,Simell, O.,Ilonen, J.,Knip, M. (2006). Age at introduction of new foods and advanced beta cell autoimmunity in young children with HLA-conferred susceptibility to type 1 diabetes Diabetologia, 49(7), 1512-21	Intervention/exposure, Outcome
2699	Virtanen, S. M.,Rasanen, L.,Aro, A.,Lindstrom, J.,Sippola, H.,Lounamaa, R.,Toivanen, L.,Tuomilehto, J.,Akerblom, H. K. (1991). Infant feeding in Finnish children less than 7 yr of age with newly diagnosed IDDM. Childhood Diabetes in Finland Study Group Diabetes Care, 14(5), 415-7	Outcome

	Full texts screened	Reason for exclusion
2700	Virtanen, S. M.,Rasanen, L.,Aro, A.,Ylonen, K.,Lounamaa, R.,Tuomilehto, J.,Akerblom, H. K. (1992). Feeding in infancy and the risk of type 1 diabetes mellitus in Finnish children. The 'Childhood Diabetes in Finland' Study Group Diabet Med, 9(9), 815-9	Outcome
2701	Virtanen, S. M.,Rasanen, L.,Ylonen, K.,Aro, A.,Clayton, D.,Langholz, B.,Pitkaniemi, J.,Savilahti, E.,Lounamaa, R.,Tuomilehto, J.,et al, (1993). Early introduction of dairy products associated with increased risk of IDDM in Finnish children. The Childhood in Diabetes in Finland Study Group Diabetes, 42(12), 1786-90	Redundant data with another article
2702	Virtanen, S. M.,Saukkonen, T.,Savilahti, E.,Ylonen, K.,Rasanen, L.,Aro, A.,Knip, M.,Tuomilehto, J.,Akerblom, H. K. (1994). Diet, cow's milk protein antibodies and the risk of IDDM in Finnish children. Childhood Diabetes in Finland Study Group Diabetologia, 37(4), 381-7	Outcome
2703	Visalli, N.,Sebastiani, L.,Adorisio, E.,Conte, A.,De Cicco, A. L.,D'Elia, R.,Manfrini, S.,Pozzilli, P. (2003). Environmental risk factors for type 1 diabetes in Rome and province Arch Dis Child, 88(8), 695-8	Outcome
2704	Vithayasai, N.,Jennuvat, S. (2014). Persistent diarrhea: 15 years experience at a tertiary care hospital J Med Assoc Thai, 97 Suppl 6(#issue#), S95-100	Participant health
2705	Vitolo, M. R.,Bortolini, G. A.,Dal Bo Campagnolo, P.,Feldens, C. A. (2008). Effectiveness of a nutrition program in reducing symptoms of respiratory morbidity in children: a randomized field trial Prev Med, 47(4), 384-8	Outcome
2706	Vitolo, M. R.,Bortolini, G. A.,Feldens, C. A.,Drachler Mde, L. (2005). [Impacts of the 10 Steps to Healthy Feeding in Infants: a randomized field trial] Cadernos de saúde pública, 21(5), 1448-57	Language
2707	Vitolo, M. R.,da Costa Louzada, M. L.,Rauber, F.,Campagnolo, P. D. (2013). Risk factors for high blood pressure in low income children aged 3-4 years Eur J Pediatr, 172(8), 1097-103	Outcome
2708	Vivatvakin, B.,Mahayosnond, A.,Theamboonlers, A.,Steenhout, P. G.,Conus, N. J. (2010). Effect of a whey-predominant starter formula containing LCPUFAs and oligosaccharides (FOS/GOS) on gastrointestinal comfort in infants Asia Pac J Clin Nutr, 19(4), 473-80	Outcome
2709	Vobecky, J. S.,Vobecky, J.,Shapcott, D.,Demers, P. P. (1983). Nutrient intake patterns and nutritional status with regard to relative weight in early infancy Am J Clin Nutr, 38(5), 730-8	Outcome
2710	Vogazianos, E.,Vogazianos, P.,Fiala, J.,Janecek, D.,Slapak, I. (2007). The effect of breastfeeding and its duration on acute otitis media in children in Brno, Czech Republic Cent Eur J Public Health, 15(4), 143-6	Study design
2711	Volz, V. R.,Book, L. S.,Churella, H. R. (1983). Growth and plasma amino acid concentrations in term infants fed either whey-predominant formula or human milk J Pediatr, 102(1), 27-31	Size of study groups
2712	von Berg, A.,Koletzko, S.,Filipiak-Pittroff, B.,Laubereau, B.,Grubl, A.,Wichmann, H. E.,Bauer, C. P.,Reinhardt, D.,Berdel, D. (2007). Certain hydrolyzed formulas reduce the incidence of atopic dermatitis but not that of asthma: three-year results of the German Infant Nutritional Intervention Study J Allergy Clin Immunol, 119(3), 718-25	Intervention/exposure
2713	von Berg, A.,Koletzko, S.,Grubl, A.,Filipiak-Pittroff, B.,Wichmann, H. E.,Bauer, C. P.,Reinhardt, D.,Berdel, D. (2003). The effect of hydrolyzed cow's milk formula for allergy prevention in the first year of life: the German Infant Nutritional Intervention Study, a randomized double-blind trial J Allergy Clin Immunol, 111(3), 533-40	Intervention/exposure
2714	von Kobyletzki, L. B.,Bornehag, C. G.,Hasselgren, M.,Larsson, M.,Lindstrom, C. B.,Svensson, A. (2012). Eczema in early childhood is strongly associated with the development of asthma and rhinitis in a prospective cohort BMC Dermatol, 12(#issue#), 11	Outcome
2715	von Linstow, M. L.,Hogh, M.,Nordbo, S. A.,Eugen-Olsen, J.,Koch, A.,Hogh, B. (2008). A community study of clinical traits and risk factors for human metapneumovirus and respiratory syncytial virus infection during the first year of life Eur J Pediatr, 167(10), 1125-33	Intervention/exposure
2716	von Mutius, E.,Hartert, T. (2013). Update in asthma 2012 Am J Respir Crit Care Med, 188(2), 150-6	Study design

	Full texts screened	Reason for exclusion
2717	von Stumm, S.,Plomin, R. (2015). Breastfeeding and IQ Growth from Toddlerhood through Adolescence PLoS One, 10(9), e0138676	Outcome
2718	Vriezinga, S. L.,Auricchio, R.,Bravi, E.,Castillejo, G.,Chmielewska, A.,Crespo Escobar, P.,Kolacek, S.,Koletzko, S.,Korponay-Szabo, I. R.,Mummert, E.,Polanco, I.,Putter, H.,Ribes-Koninckx, C.,Shamir, R.,Szajewska, H.,Werkstetter, K.,Greco, L.,Gyimesi, J.,Hartman, C.,Hogen Esch, C.,Hopman, E.,Ivarsson, A.,Koltai, T.,Koning, F.,Martinez-Ojinaga, E.,te Marvelde, C.,Pavic, A.,Romanos, J.,Stoopman, E.,Villanacci, V.,Wijmenga, C.,Troncone, R.,Mearin, M. L. (2014). Randomized feeding intervention in infants at high risk for celiac disease N Engl J Med, 371(14), 1304-15	Intervention/exposure
2719	Wachs, T. D.,Kanashiro, H. C.,Gurkas, P. (2008). Intra-individual variability in infancy: structure, stability, and nutritional correlates Dev Psychobiol, 50(3), 217-31	Intervention/exposure, Outcome
2720	Wadsworth, E. J.,Shield, J. P.,Hunt, L. P.,Baum, J. D. (1997). A case-control study of environmental factors associated with diabetes in the under 5s Diabet Med, 14(5), 390-6	Outcome
2721	Wadsworth, M. E.,Hardy, R. J.,Paul, A. A.,Marshall, S. F.,Cole, T. J. (2002). Leg and trunk length at 43 years in relation to childhood health, diet and family circumstances; evidence from the 1946 national birth cohort Int J Epidemiol, 31(2), 383-90	Intervention/exposure
2722	Wagner, C. L.,Hulsey, T. C.,Fanning, D.,Ebeling, M.,Hollis, B. W. (2006). High-dose vitamin D3 supplementation in a cohort of breastfeeding mothers and their infants: a 6-month follow-up pilot study Breastfeed Med, 1(2), 59-70	Intervention/exposure
2723	Wagner, V.,von Stockhausen, H. B. (1988). The effect of feeding human milk and adapted milk formulae on serum lipid and lipoprotein levels in young infants Eur J Pediatr, 147(3), 292-5	Study design
2724	Wahlberg, J.,Vaarala, O.,Ludvigsson, J. (2006). Dietary risk factors for the emergence of type 1 diabetes-related autoantibodies in 21/2 year-old Swedish children Br J Nutr, 95(3), 603-8	Outcome
2725	Walker, W. A. (1994). Nucleotides and nutrition: role as dietary supplement J Nutr, 124(1 Suppl), 121s-123s	Study design, Intervention/exposure, Outcome
2726	Wallis, J. (2012). Positive role of breastfeeding during the first six weeks Midwives, 15(3), 31	Study design
2727	Walshaw, C. A.,Owens, J. M.,Scally, A. J.,Walshaw, M. J. (2008). Does breastfeeding method influence infant weight gain? Arch Dis Child, 93(4), 292-6	Intervention/exposure
2728	Walter, T.,Pino, P.,Pizarro, F.,Lozoff, B. (1998). Prevention of iron-deficiency anemia: comparison of high- and low-iron formulas in term healthy infants after six months of life J Pediatr, 132(4), 635-40	Intervention/exposure
2729	Walton, J. L.,Messer, L. B. (1981). Dental caries and fluorosis in breast-fed and bottle-fed children Caries Res, 15(2), 124-37	Study design
2730	Waly, M. I.,Ali, A.,Al-Saadoon, M.,Al-Mukhaini, Y. K.,Wali, Y. A. (2011). Breastfeeding is not associated with risk of developing childhood leukemia in the Sultanate of Oman Asian Pac J Cancer Prev, 12(8), 2087-91	Outcome
2731	Wan, A. K.,Seow, W. K.,Purdie, D. M.,Bird, P. S.,Walsh, L. J.,Tudehope, D. I. (2001). Oral colonization of Streptococcus mutans in six-month-old predentate infants J Dent Res, 80(12), 2060-5	Study design
2732	Wandera, A. (1998). Anticipatory guidance in infant oral health J Mich Dent Assoc, 80(9), 28, 55-9	Study design
2733	Wang, H.,Wang, A.,Wang, D.,Bright, A.,Sency, V.,Zhou, A.,Xin, B. (2015). Early growth and development impairment in patients with ganglioside GM3 synthase deficiency Clin Genet, #volume#(#issue#), #Pages#	Participant health, Outcomes
2734	Wang, I. J.,Guo, Y. L.,Hwang, K. C.,Hsieh, W. S.,Chuang, Y. L.,Lin, S. J.,Chen, P. C. (2006). Genetic and environmental predictors for pediatric atopic dermatitis Acta Paediatrica Taiwanica, 47(5), 238-242	Study design
2735	Wang, L.,Mamudu, H. M.,Alamian, A.,Anderson, J. L.,Brooks, B. (2014). Independent and joint effects of prenatal maternal smoking and maternal exposure to second-hand smoke on the development of adolescent obesity: a longitudinal study J Paediatr Child Health, 50(11), 908-15	Intervention/exposure

	Full texts screened	Reason for exclusion
2736	Wang, X.,Xing, K. H.,Qi, J.,Guan, Y.,Zhang, J. (2013). Analysis of the relationship of insulin-like growth factor-1 to the growth velocity and feeding of healthy infants Growth Horm IGF Res, 23(6), 215-9	Outcome
2737	Wang, Y. F.,Ou-Yang, Q.,Xia, B.,Liu, L. N.,Gu, F.,Zhou, K. F.,Mei, Q.,Shi, R. H.,Ran, Z. H.,Wang, X. D.,Hu, P. J.,Wu, K. C.,Liu, X. G.,Miao, Y. L.,Han, Y.,Wu, X. P.,He, G. B.,Zhong, J.,Liu, G. J. (2013). Multicenter case-control study of the risk factors for ulcerative colitis in China World J Gastroenterol, 19(11), 1827-33	Outcome
2738	Wang, Y. S.,Shen, Y. H.,Wang, J. J.,Yang, M. J.,Ding, S. W.,Shi, Y. Y. (1994). Preliminary study on the blood glucose level in the exclusively breastfed newborn J Trop Pediatr, 40(3), 187-8	Intervention/exposure
2739	Wang, Y. S.,Wu, S. Y. (1996). The effect of exclusive breastfeeding on development and incidence of infection in infants J Hum Lact, 12(1), 27-30	Intervention/exposure
2740	Wang, Y.,Wang, A.,Donovan, S. M.,Teran-Garcia, M. (2013). Individual genetic variations related to satiety and appetite control increase risk of obesity in preschool-age children in the STRONG kids program Hum Hered, 75(2-4), 152-9	Study design, Intervention/exposure
2741	Wang, Y.,Zhang, Z.,Ge, P.,Wang, Y.,Wang, S. (2009). Iodine status and thyroid function of pregnant, lactating women and infants (0-1 yr) residing in areas with an effective Universal Salt Iodization program Asia Pac J Clin Nutr, 18(1), 34-40	Study design, Intervention/exposure
2742	Warner, J. O. (1980). Food allergy in fully breast-fed infants Clin Allergy, 10(2), 133-6	Study design
2743	Warren, J. J.,Bishara, S. E. (2002). Duration of nutritive and nonnutritive sucking behaviors and their effects on the dental arches in the primary dentition Am J Orthod Dentofacial Orthop, 121(4), 347-56	Size of study groups
2744	Warrington, S.,Storey, D. M. (1988). Comparative studies on Asian and Caucasian children. 2: Nutrition, feeding practices and health Eur J Clin Nutr, 42(1), 69-79	Study design, Intervention/exposure
2745	Watase, S.,Mourino, A. P.,Tipton, G. A. (1998). An analysis of malocclusion in children with otitis media Pediatr Dent, 20(5), 327-30	Study design
2746	Watkinson, M. (1981). Delayed onset of weanling diarrhoea associated with high breast milk intake Trans R Soc Trop Med Hyg, 75(3), 432-5	Country
2747	Watson, E.,Gardner, A.,Carpenter, R. G. (1981). An epidemiological and sociological study of unexpected death in infancy in nine areas of southern England. I: Epidemiology Med Sci Law, 21(2), 78-88	Intervention/exposure
2748	Watson, P. E.,McDonald, B. W. (2013). Subcutaneous body fat in pregnant New Zealand women: association with wheeze in their infants at 18 months Matern Child Health J, 17(5), 959-67	Study design
2749	Waylen, A.,Ford, T.,Goodman, R.,Samara, M.,Wolke, D. (2009). Can early intake of dietary omega-3 predict childhood externalizing behaviour? Acta Paediatr, 98(11), 1805-8	Outcome
2750	Weber, F.,Woolridge, M. W.,Baum, J. D. (1986). An ultrasonographic study of the organisation of sucking and swallowing by newborn infants Dev Med Child Neurol, 28(1), 19-24	Outcome, Size of study groups
2751	Weber, M.,Grote, V.,Closa-Monasterolo, R.,Escribano, J.,Langhendries, J. P.,Dain, E.,Giovannini, M.,Verduci, E.,Gruszfeld, D.,Socha, P.,Koletzko, B. (2014). Lower protein content in infant formula reduces BMI and obesity risk at school age: follow-up of a randomized trial Am J Clin Nutr, 99(5), 1041-51	Intervention/exposure
2752	Weden, M. M.,Brownell, P.,Rendall, M. S. (2012). Prenatal, perinatal, early life, and sociodemographic factors underlying racial differences in the likelihood of high body mass index in early childhood Am J Public Health, 102(11), 2057-67	Intervention/exposure
2753	Weerheijm, K. L.,Uyttendaele-Speybrouck, B. F.,Euwe, H. C.,Groen, H. J. (1998). Prolonged demand breast-feeding and nursing caries Caries Res, 32(1), 46-50	Study design
2754	Weggemann, T.,Brown, J. K.,Fulford, G. E.,Minns, R. A. (1987). A study of normal baby movements Child Care Health Dev, 13(1), 41-58	Size of study groups
2755	Wegienka, G.,Ownby, D. R.,Havstad, S.,Williams, L. K.,Johnson, C. C. (2006). Breastfeeding history and childhood allergic status in a prospective birth cohort Ann Allergy Asthma Immunol, 97(1), 78-83	Outcome

	Full texts screened	Reason for exclusion
2756	Wehby, G. L. (2014). Breastfeeding and child disability: a comparison of siblings from the United States Econ Hum Biol, 15(#issue#), 13-22	Outcome
2757	Weijs, P. J.,Kool, L. M.,van Baar, N. M.,van der Zee, S. C. (2011). High beverage sugar as well as high animal protein intake at infancy may increase overweight risk at 8 years: a prospective longitudinal pilot study Nutr J, 10(#issue#), 95	Study design
2758	Weile, B.,Cavell, B.,Nivenius, K.,Krasilnikoff, P. A. (1995). Striking differences in the incidence of childhood celiac disease between Denmark and Sweden: a plausible explanation J Pediatr Gastroenterol Nutr, 21(1), 64-8	Study design, Intervention/exposure, Participant health
2759	Weinstein, P.,Domoto, P.,Wohlers, K.,Koday, M. (1992). Mexican-American parents with children at risk for baby bottle tooth decay: pilot study at a migrant farmworkers clinic ASDC J Dent Child, 59(5), 376-83	Study design
2760	Weisgerber, M. C.,Lye, P. S.,Nugent, M.,Li, S. H.,De Fouw, K.,Gedeit, R.,Simpson, P.,Gorelick, M. H. (2013). Relationship between caloric intake and length of hospital stay for infants with bronchiolitis Hosp Pediatr, 3(1), 24-30	Participant health
2761	Welander, A.,Montgomery, S. M.,Ludvigsson, J.,Ludvigsson, J. F. (2014). Infectious disease at gluten introduction and risk of childhood diabetes mellitus J Pediatr, 165(2), 326-331 e1	Outcome
2762	Welander, A.,Tjernberg, A. R.,Montgomery, S. M.,Ludvigsson, J.,Ludvigsson, J. F. (2010). Infectious disease and risk of later celiac disease in childhood Pediatrics, 125(3), e530-6	Outcome
2763	Welch, K. R.,Ariza, A. J.,Wieczorek, J. L.,Binns, H. J. (2008). Characteristics of obese children aged 1-4 years at a referral clinic J Natl Med Assoc, 100(8), 884-91	Study design
2764	Welford H (1995). Breastfeeding: promoting good practice Mod Midwife, 5(#issue#), 29-30	Study design
2765	Weller, B. F. (1988). When is breast best? Nurs Stand, 3(11), 34-5	Study design
2766	Welliver, R. C.,Wong, D. T.,Sun, M.,McCarthy, N. (1986). Parainfluenza virus bronchiolitis. Epidemiology and pathogenesis Am J Dis Child, 140(1), 34-40	Outcome
2767	Wells, J. C.,Jonsdottir, O. H.,Hibberd, P. L.,Fewtrell, M. S.,Thorsdottir, I.,Eaton, S.,Lucas, A.,Gunnlaugsson, G.,Kleinman, R. E. (2012). Randomized controlled trial of 4 compared with 6 mo of exclusive breastfeeding in Iceland: differences in breast-milk intake by stable-isotope probe Am J Clin Nutr, 96(1), 73-9	Intervention/exposure
2768	Wells, J. C.,Stanley, M.,Laidlaw, A. S.,Day, J. M.,Davies, P. S. (1998). Energy intake in early infancy and childhood fatness Int J Obes Relat Metab Disord, 22(5), 387-92	Size of study groups
2769	Wen, L. M.,Baur, L. A.,Rissel, C.,Simpson, J. M. (2011). A randomized controlled trial of an early intervention on childhood obesity: Results from the first 12 months Obesity (Silver Spring, Md.), 19(#issue#), S67	Publication status
2770	Wen, L. M.,Baur, L. A.,Rissel, C.,Xu, H.,Simpson, J. M. (2014). Correlates of body mass index and overweight and obesity of children aged 2 years: findings from the healthy beginnings trial Obesity (Silver Spring), 22(7), 1723-30	Outcome
2771	Wen, L. M.,Baur, L. A.,Simpson, J. M.,Rissel, C.,Wardle, K.,Flood, V. M. (2013). Healthy beginnings trial: The journey from the beginning Obesity research & clinical practice, 7(#issue#), e2	Publication status
2772	Wen, X.,Kong, K. L.,Eiden, R. D.,Sharma, N. N.,Xie, C. (2014). Sociodemographic differences and infant dietary patterns Pediatrics, 134(5), e1387-98	Intervention/exposure
2773	Wen, X.,Shenassa, E. D.,Paradis, A. D. (2013). Maternal smoking, breastfeeding, and risk of childhood overweight: findings from a national cohort Matern Child Health J, 17(4), 746-55	Intervention/exposure
2774	Weng, S. F.,Redsell, S. A.,Nathan, D.,Swift, J. A.,Yang, M.,Glazebrook, C. (2013). Estimating overweight risk in childhood from predictors during infancy Pediatrics, 132(2), e414-21	Outcome
2775	Werneck, R. I.,Lawrence, H. P.,Kulkarni, G. V.,Locker, D. (2008). Early childhood caries and access to dental care among children of Portuguese-speaking immigrants in the city of Toronto J Can Dent Assoc, 74(9), 805	Study design

	Full texts screened	Reason for exclusion
2776	Weston, J. (1986). Bottle feeding Nursing (Lond), 3(2), 61-2	Study design
2777	Wetzig, H.,Schulz, R.,Diez, U.,Herbarth, O.,Viehweg, B.,Borte, M. (2000). Associations between duration of breast-feeding, sensitization to hens' eggs and eczema infantum in one and two year old children at high risk of atopy Int J Hyg Environ Health, 203(1), 17-21	Intervention/exposure
2778	Weyermann, M.,Brenner, H.,Rothenbacher, D. (2007). Adipokines in human milk and risk of overweight in early childhood: a prospective cohort study Epidemiology, 18(6), 722-9	Outcome
2779	Weyermann, M.,Rothenbacher, D.,Brenner, H. (2006). Duration of breastfeeding and risk of overweight in childhood: a prospective birth cohort study from Germany Int J Obes (Lond), 30(8), 1281-7	Outcome
2780	Wheeler, B. J.,Dickson, N. P.,Houghton, L. A.,Ward, L. M.,Taylor, B. J. (2015). Incidence and characteristics of vitamin D deficiency rickets in New Zealand children: a New Zealand Paediatric Surveillance Unit study Aust N Z J Public Health, 39(4), 380-3	Study design, Intervention/exposure
2781	While A (1985). Infant feeding. Breast versus bottle Nurs Mirror, 160(#issue#), 30-4	Study design
2782	White, C. (2000). Breast milk is still a winning formula, says study Nursing Times, 96(11), 12-12 1p	Study design
2783	White, V. (2008). Breastfeeding and the risk of early childhood caries Evid Based Dent, 9(3), 86-8	Study design
2784	Whitehead, R. G. (1983). Nutritional aspects of human lactation Lancet, 1(8317), 167-9	Study design
2785	Whitehead, R. G. (1985). Infant physiology, nutritional requirements, and lactational adequacy Am J Clin Nutr, 41(2 Suppl), 447-58	Study design, Intervention/exposure
2786	Whitehead, R. G.,Paul, A. A. (1981). Infant growth and human milk requirements. A fresh approach Lancet, 2(8239), 161-3	Size of study groups, Intervention/exposure
2787	Whitehead, R. G.,Paul, A. A.,Ahmed, E. A. (1986). Weaning practices in the United Kingdom and variations in anthropometric development Acta Paediatr Scand Suppl, 323(#issue#), 14-23	Size of study groups
2788	Whitehouse, A. J.,Robinson, M.,Li, J.,Oddy, W. H. (2011). Duration of breast feeding and language ability in middle childhood Paediatr Perinat Epidemiol, 25(1), 44-52	Outcome
2789	Whitley, E.,Gunnell, D.,Davey Smith, G.,Holly, J. M.,Martin, R. M. (2008). Childhood circumstances and anthropometry: the Boyd Orr cohort Ann Hum Biol, 35(5), 518-34	Study design
2790	Whitley, E.,Martin, R. M.,Davey Smith, G.,Holly, J. M.,Gunnell, D. (2012). The association of childhood height, leg length and other measures of skeletal growth with adult cardiovascular disease: the Boyd-Orr cohort J Epidemiol Community Health, 66(1), 18-23	Intervention/exposure
2791	Whu, R.,Cirilo, G.,Wong, J.,Finkel, M. L.,Mendez, H. A.,Leggiadro, R. J. (2007). Risk factors for pediatric asthma in the South Bronx J Asthma, 44(10), 855-9	Size of study groups, Intervention/exposure
2792	Wi, C. I.,Park, M. A.,Juhn, Y. J. (2015). Development and initial testing of Asthma Predictive Index for a retrospective study: an exploratory study J Asthma, 52(2), 183-90	Study design, Size of study groups
2793	Wiberger, M.,Eiben, G.,Lissner, L.,Mehlig, K.,Papoutsou, S.,Hunsberger, M. (2014). Children consuming milk cereal drink are at increased risk for overweight: The IDEFICS Sweden study, on behalf of the IDEFICS Consortium Scand J Public Health, 42(6), 518-24	Intervention/exposure
2794	Wickens, K.,Black, P.,Stanley, T. V.,Mitchell, E.,Barthow, C.,Fitzharris, P. (2012). A protective effect of Lactobacillus rhamnosus HN001 against eczema in the first 2 years of life persists to age 4 years Clinical and Experimental Allergy, 42(7), 1071-9	Intervention/exposure
2795	Wickman, M.,Melen, E.,Berglind, N.,Lennart Nordvall, S.,Almqvist, C.,Kull, I.,Svartengren, M.,Pershagen, G. (2003). Strategies for preventing wheezing and asthma in small children Allergy, 58(8), 742-7	Intervention/exposure
2796	Wigg, N. R.,Tong, S.,McMichael, A. J.,Baghurst, P. A.,Vimpani, G.,Roberts, R. (1998). Does breastfeeding at six months predict cognitive development? Aust N Z J Public Health, 22(2), 232-6	Outcome

	Full texts screened	Reason for exclusion
2797	Wijga, A. H.,Scholtens, S.,Bemelmans, W. J. E.,Kerkhof, M.,Koppelman, G. H.,Brunekreef, B.,Smit, H. A. (2010). Diet, screen time, physical activity, and childhood overweight in the general population and in high risk subgroups: prospective analyses in the PIAMA birth cohort Journal of Obesity, #volume#(#issue#), 9p-9p 1p	Outcome
2798	Willatts, P.,Forsyth, S.,Agostoni, C.,Casaer, P.,Riva, E.,Boehm, G. (2013). Effects of long-chain PUFA supplementation in infant formula on cognitive function in later childhood Am J Clin Nutr, 98(2), 536S-42S	Intervention/exposure
2799	Williams, C.,Birch, E. E.,Emmett, P. M.,Northstone, K. (2001). Stereoacuity at age 3.5 y in children born full-term is associated with prenatal and postnatal dietary factors: a report from a population-based cohort study Am J Clin Nutr, 73(2), 316-22	Outcome
2800	Williams, D. M.,Martin, R. M.,Davey Smith, G.,Alberti, K. G.,Ben-Shlomo, Y.,McCarthy, A. (2012). Associations of infant nutrition with insulin resistance measures in early adulthood: evidence from the Barry-Caerphilly Growth (BCG) study PLoS One, 7(3), e34161	Intervention/exposure
2801	Williams, S. A.,Hargreaves, J. A. (1990). An inquiry into the effects of health related behaviour on dental health among young Asian children resident in a fluoridated city in Canada Community Dent Health, 7(4), 413-20	Study design
2802	Williams, S. M.,Taylor, B. J.,Ford, R. P.,Nelson, E. A. (1990). Growth velocity before sudden infant death Arch Dis Child, 65(12), 1315-8	Intervention/exposure
2803	Williams, S. M.,Taylor, B. J.,Mitchell, E. A.,Scragg, R.,Ford, R. P.,Stewart, A. W. (1995). Sudden infant death syndrome in New Zealand: are risk scores useful? New Zealand National Cot Death Study Group J Epidemiol Community Health, 49(1), 94-101	Outcome
2804	Williams, S. M.,Taylor, R. W.,Taylor, B. J. (2013). Secular changes in BMI and the associations between risk factors and BMI in children born 29 years apart Pediatr Obes, 8(1), 21-30	Intervention/exposure
2805	Williamson, E.,Morley, R.,Lucas, A.,Carpenter, J. (2012). Propensity scores: from naive enthusiasm to intuitive understanding Stat Methods Med Res, 21(3), 273-93	Study design, Participant health
2806	Williamson, I. G.,Dunleavey, J.,Robinson, D. (1994). Risk factors in otitis media with effusion. A 1 year case control study in 5-7 year old children Fam Pract, 11(3), 271-4	Study design
2807	Willows, N. D.,Dewailly, E.,Gray-Donald, K. (2000). Anemia and iron status in Inuit infants from northern Quebec Can J Public Health, 91(6), 407-10	Intervention/exposure
2808	Wilson, A. C.,Forsyth, J. S.,Greene, S. A.,Irvine, L.,Hau, C.,Howie, P. W. (1998). Relation of infant diet to childhood health: seven year follow up of cohort of children in Dundee infant feeding study BMJ, 316(7124), 21-5	Outcome
2809	Wilson, C. E. (2000). Cree infant care practices and sudden infant death syndrome Can J Public Health, 91(2), 133-6	Study design, Outcome
2810	Wingard, D. L.,Criqui, M. H.,Edelstein, S. L.,Tucker, J.,Tomlinson-Keasey, C.,Schwartz, J. E.,Friedman, H. S. (1994). Is breast-feeding in infancy associated with adult longevity? Am J Public Health, 84(9), 1458-62	Outcome
2811	Wojcicki, J. M.,Young, M. B.,Perham-Hester, K. A.,de Schweinitz, P.,Gessner, B. D. (2015). Risk factors for obesity at age 3 in Alaskan children, including the role of beverage consumption: results from Alaska PRAMS 2005-2006 and its three-year follow-up survey, CUBS, 2008-2009 PLoS One, 10(3), e0118711	Outcome
2812	Wolman, P. G. (1984). Feeding practices in infancy and prevalence of obesity in preschool children J Am Diet Assoc, 84(4), 436-8	Outcome
2813	Wong, H. B. (1982). Child health in Singapore--past, present and future Ann Acad Med Singapore, 11(3), 322-35	Study design
2814	Wong, W. W.,Hachey, D. L.,Insull, W.,Opekun, A. R.,Klein, P. D. (1993). Effect of dietary cholesterol on cholesterol synthesis in breast-fed and formula-fed infants J Lipid Res, 34(8), 1403-11	Size of study groups
2815	Woo, J. G.,Guerrero, M. L.,Ruiz-Palacios, G. M.,Peng, Y. M.,Herbers, P. M.,Yao, W.,Ortega, H.,Davidson, B. S.,McMahon, R. J.,Morrow, A. L. (2013). Specific infant feeding practices do not consistently explain variation in anthropometry at age 1 year in urban United States, Mexico, and China cohorts J Nutr, 143(2), 166-74	Outcome

	Full texts screened	Reason for exclusion
2816	Wood, C. S.,Isaacs, P. C.,Jensen, M.,Hilton, H. G. (1988). Exclusively breast-fed infants: growth and caloric intake Pediatr Nurs, 14(2), 117-24	Size of study groups
2817	Wood, R.,Stockton, D.,Brown, H. (2013). Moving from a universal to targeted child health programme: which children receive enhanced care? A population-based study using routinely available data Child Care Health Dev, 39(6), 772-81	Outcome
2818	Woodward, A.,Douglas, R. M.,Graham, N. M.,Miles, H. (1990). Acute respiratory illness in Adelaide children: breast feeding modifies the effect of passive smoking J Epidemiol Community Health, 44(3), 224-30	Outcome
2819	Worobey, J. (1993). Effects of feeding method on infant temperament Adv Child Dev Behav, 24(#issue#), 37-61	Study design
2820	Wray, J. (2008). Breastfeeding and primitive neonatal reflexes Pract Midwife, 11(5), 53-6	Study design
2821	Wright Mda, G.,Dutra de Oliveira, J. E. (1986). Is breast feeding the solution to the infant nutrition problem in underdeveloped countries? Child Care Health Dev, 12(6), 359-68	Study design
2822	Wright, A. L.,Bauer, M.,Naylor, A.,Sutcliffe, E.,Clark, L. (1998). Increasing breastfeeding rates to reduce infant illness at the community level Pediatrics, 101(5), 837-44	Outcome
2823	Wright, A. L.,Holberg, C. J.,Martinez, F. D.,Morgan, W. J.,Taussig, L. M. (1989). Breast feeding and lower respiratory tract illness in the first year of life. Group Health Medical Associates BMJ, 299(6705), 946-9	Outcome
2824	Wright, A. L.,Holberg, C. J.,Taussig, L. M.,Martinez, F. (2000). Maternal asthma status alters relation of infant feeding to asthma in childhood Adv Exp Med Biol, 478(#issue#), 131-7	Intervention/exposure
2825	Wright, A. L.,Holberg, C. J.,Taussig, L. M.,Martinez, F. D. (1995). Relationship of infant feeding to recurrent wheezing at age 6 years Arch Pediatr Adolesc Med, 149(7), 758-63	Outcome
2826	Wright, A. L.,Holberg, C. J.,Taussig, L. M.,Martinez, F. D. (2001). Factors influencing the relation of infant feeding to asthma and recurrent wheeze in childhood Thorax, 56(3), 192-7	Redundant data with another article
2827	Wright, A. L.,Stern, D. A.,Halonen, M. (2001). The association of allergic sensitization in mother and child in breast-fed and formula-fed infants Adv Exp Med Biol, 501(#issue#), 249-55	Outcome
2828	Wright, C. J.,Atkinson, F. S.,Ramalingam, N.,Buyken, A. E.,Brand-Miller, J. C. (2015). Effects of human milk and formula on postprandial glycaemia and insulinaemia Eur J Clin Nutr, 69(8), 939-43	Participant age
2829	Wright, C. M.,Parkinson, K.,Scott, J. (2006). Breast-feeding in a UK urban context: who breast-feeds, for how long and does it matter? Public Health Nutr, 9(6), 686-91	Outcome
2830	Wright, C. M.,Stone, D. H.,Parkinson, K. N. (2010). Undernutrition in British Haredi infants within the Gateshead Millennium cohort study Arch Dis Child, 95(8), 630-3	Outcome
2831	Wright, C.,Lakshman, R.,Emmett, P.,Ong, K. K. (2008). Implications of adopting the WHO 2006 Child Growth Standard in the UK: two prospective cohort studies Arch Dis Child, 93(7), 566-9	Intervention/exposure
2832	Wright, P. (1981). Development of feeding behaviour in early infancy: implications for obesity Health Bull (Edinb), 39(3), 197-205	Study design, Intervention/exposure
2833	Wu, T. C.,Hwang, B. (1997). Blood nutrient indices in breast and formula fed infants: amino acids metabolic responses Zhonghua Min Guo Xiao Er Ke Yi Xue Hui Za Zhi, 38(5), 345-51	Outcome
2834	Wyne, A. H.,Adenubi, J. O.,Shalan, T.,Khan, N. (1995). Feeding and socioeconomic characteristics of nursing caries children in a Saudi population Pediatr Dent, 17(7), 451-4	Study design
2835	Xenellis, J.,Paschalidis, J.,Georgalas, C.,Davilis, D.,Tzagaroulakis, A.,Ferekidis, E. (2005). Factors influencing the presence of otitis media with effusion 16 months after initial diagnosis in a cohort of school-age children in rural Greece: a prospective study Int J Pediatr Otorhinolaryngol, 69(12), 1641-7	Participant health

	Full texts screened	Reason for exclusion
2836	Xie, L. L.,Jiang, L. (2014). Arterial ischemic stroke and hemorrhagic stroke in Chinese children: a retrospective analysis Brain Dev, 36(2), 153-8	Participant health, Outcomes
2837	Yadav, M.,Akobeng, A. K.,Thomas, A. G. (2000). Breast-feeding and childhood obesity J Pediatr Gastroenterol Nutr, 30(3), 345-6	Study design
2838	Yakubov, R.,Nadir, E.,Stein, R.,Klein-Kremer, A. (2015). The Duration of Breastfeeding and Its Association with Metabolic Syndrome among Obese Children ScientificWorldJournal, 2015(#issue#), 731319	Study design
2839	Yalcin, S. S.,Hizli, S.,Yurdakok, K.,Ozmert, E. (2005). Risk factors for hospitalization in children with acute diarrhea: a case control study Turk J Pediatr, 47(4), 339-42	Participant health
2840	Yalcin, S. S.,Turul, B.,Cetinkaya, S.,Cakir, B.,Yilmaz, A. (2004). Effect of total attending period on infection episode rate in a child-care center Pediatr Int, 46(5), 555-60	Outcome
2841	Yamakawa, M.,Yorifuji, T.,Inoue, S.,Kato, T.,Doi, H. (2013). Breastfeeding and obesity among schoolchildren: a nationwide longitudinal survey in Japan JAMA Pediatr, 167(10), 919-25	Intervention/exposure
2842	Yamakawa, M.,Yorifuji, T.,Kato, T.,Inoue, S.,Tokinobu, A.,Tsuda, T.,Doi, H. (2015). Long-Term Effects of Breastfeeding on Children's Hospitalization for Respiratory Tract Infections and Diarrhea in Early Childhood in Japan Matern Child Health J, 19(9), 1956-65	Outcome
2843	Yamakawa, M.,Yorifuji, T.,Kato, T.,Yamauchi, Y.,Doi, H. (2015). Breast-feeding and hospitalization for asthma in early childhood: a nationwide longitudinal survey in Japan Public Health Nutr, 18(10), 1756-61	Intervention/exposure
2844	Yamauchi, Y.,Yamanouchi, I. (1990). The relationship between rooming-in/not rooming-in and breast-feeding variables Acta Paediatr Scand, 79(11), 1017-22	Intervention/exposure
2845	Yamauchi, Y.,Yamanouchi, I. (1992). The relationship between rooming-in/not rooming-in and breastfeeding variables Breastfeeding Review, 2(5), 238-241 4p	Intervention/exposure, Duplicate
2846	Yamborisut, U.,Kosulwat, V.,Chittchang, U.,Wimonpeerapattana, W.,Suthutvoravut, U. (2006). Factors associated with dual form of malnutrition in school children in Nakhon Pathom and Bangkok J Med Assoc Thai, 89(7), 1012-23	Study design
2847	Yang, S.,Fombonne, E.,Kramer, M. S. (2011). Duration of gestation, size at birth and later childhood behaviour Paediatr Perinat Epidemiol, 25(4), 377-87	Intervention/exposure
2848	Yang, S.,Platt, R. W.,Dahhou, M.,Kramer, M. S. (2014). Do population-based interventions widen or narrow socioeconomic inequalities? The case of breastfeeding promotion Int J Epidemiol, 43(4), 1284-92	Outcome
2849	Ye, M.,Mandhane, P. J.,Senthilselvan, A. (2012). Association of breastfeeding with asthma in young Aboriginal children in Canada Can Respir J, 19(6), 361-6	Study design
2850	Ye, W.,Feng, X. P.,Liu, Y. L. (1999). Epidemiological study of the risk factors of rampant caries in Shanghai children Chin J Dent Res, 2(2), 58-62	Study design
2851	Yeung, D. L.,Pennell, M. D.,Leung, M.,Hall, J. (1981). Infant fatness and feeding practices: a longitudinal assessment J Am Diet Assoc, 79(5), 531-5	Outcome
2852	Yeung, K. A.,Taylor, T.,Scheimann, A.,Carvalho, R.,Reinhardt, E.,Girolami, P.,Wood, R. (2015). The Prevalence of Food Allergies in Children Referred to a Multidisciplinary Feeding Program Clin Pediatr (Phila), 54(11), 1081-6	Participant health
2853	Yi, M. J.,Sun, D. F.,Zhou, X. B. (2003). Relationship between infant breast feeding and simple obesity in preschool children: A case-control study Chinese Journal of Clinical Rehabilitation, 7(30), 4088-4089	Study design
2854	Yi, M. J.,Sun, M. H.,Liu, F.,Liu, Y. (2007). Association between infant breastfeeding and temperamental characteristics development in children aged 4-5 years Journal of Clinical Rehabilitative Tissue Engineering Research, 11(30), 6100-6102	Study design
2855	Yildirim, Ş,Binnetoğlu, F. K.,Aylanç, H.,Battal, F.,Tekin, M.,Kaymaz, N.,Topaloğlu, N.,A§Ik, Z. (2015). Effect of infant feeding on epicardial fat thickness in normal weighted children Anatolian Journal of Clinical Investigation, 9(3), 92-97	Study design, Participant health

	Full texts screened	Reason for exclusion
2856	Yimyaem, P.,Chongsrisawat, V.,Vivatvakin, B.,Wisedopas, N. (2003). Gastrointestinal manifestations of cow's milk protein allergy during the first year of life J Med Assoc Thai, 86(2), 116-23	Study design
2857	Yin, J.,Quinn, S.,Dwyer, T.,Ponsonby, A. L.,Jones, G. (2012). Maternal diet, breastfeeding and adolescent body composition: a 16-year prospective study Eur J Clin Nutr, 66(12), 1329-34	Outcome
2858	Yip R,Parvanta I,Scanlon K,Borland EW,Russell CM,Trowbridge FL (1992). Pediatric nutrition surveillance system--United States, 1980-1991 MMWR CDC Surveill Summ, 41(#issue#), 1-24	Intervention/exposure, Outcome, Publication status
2859	Yiş, U.,Öztürk, Y.,Şişman, A. R.,Uysal, S.,Soylu Ö, B.,Büyükgebiz, B. (2010). The relation of serum ghrelin, leptin and insulin levels to the growth patterns and feeding characteristics in breast-fed versus formula-fed infants Turkish Journal of Pediatrics, 52(1), 35-41	Size of study groups
2860	Yoneyama, K.,Nagata, H.,Asano, H. (1994). Growth of Japanese breast-fed and bottle-fed infants from birth to 20 months Ann Hum Biol, 21(6), 597-608	Intervention/exposure
2861	Yonezu, T.,Ushida, N.,Yakushiji, M. (2006). Longitudinal study of prolonged breast- or bottle-feeding on dental caries in Japanese children Bull Tokyo Dent Coll, 47(4), 157-60	Outcome
2862	Yonezu, T.,Yotsuya, K.,Yakushiji, M. (2006). Characteristics of breast-fed children with nursing caries Bull Tokyo Dent Coll, 47(4), 161-5	Study design, Intervention/exposure
2863	Yoon, H. S.,Shin, Y. J.,Ki, M. (2008). Risk factors for neonatal infections in full-term babies in South Korea Yonsei Medical Journal, 49(4), 530-536	Outcome
2864	Yorifuji, J.,Yorifuji, T.,Tachibana, K.,Nagai, S.,Kawai, M.,Momoi, T.,Nagasaka, H.,Hatayama, H.,Nakahata, T. (2008). Craniotabes in normal newborns: the earliest sign of subclinical vitamin D deficiency J Clin Endocrinol Metab, 93(5), 1784-8	Intervention/exposure
2865	Yorifuji, T.,Kubo, T.,Yamakawa, M.,Kato, T.,Inoue, S.,Tokinobu, A.,Doi, H. (2014). Breastfeeding and behavioral development: a nationwide longitudinal survey in Japan J Pediatr, 164(5), 1019-1025 e3	Outcome
2866	Yorifuji, T.,Murata, K.,Bjerve, K. S.,Choi, A. L.,Weihe, P.,Grandjean, P. (2013). Visual evoked potentials in children prenatally exposed to methylmercury Neurotoxicology, 37(#issue#), 15-8	Intervention/exposure
2867	Young, H. B.,Buckley, A. E.,Hamza, B.,Mandarano, C. (1982). Milk and lactation: some social and developmental correlates among 1,000 infants Pediatrics, 69(2), 169-75	Size of study groups, Intervention/exposure
2868	Young, R. J.,Antonson, D. L.,Ferguson, P. W.,Murray, N. D.,Merkel, K.,Moore, T. E. (2005). Neonatal and infant feeding: effect on bone density at 4 years J Pediatr Gastroenterol Nutr, 41(1), 88-93	Outcome
2869	Young, S.,O'Keeffe, P. T.,Arnott, J.,Landau, L. I. (1995). Lung function, airway responsiveness, and respiratory symptoms before and after bronchiolitis Arch Dis Child, 72(1), 16-24	Study design, Intervention/exposure, Size of study groups
2870	Young, T. K.,Martens, P. J.,Taback, S. P.,Sellers, E. A.,Dean, H. J.,Cheang, M.,Flett, B. (2002). Type 2 diabetes mellitus in children: prenatal and early infancy risk factors among native canadians Arch Pediatr Adolesc Med, 156(7), 651-5	Outcome
2871	Yu, C.,Binns, C. W.,Lee, A. H. (2015). Comparison of breastfeeding rates and health outcomes for infants receiving care from hospital outpatient clinic and community health centres in China J Child Health Care, #volume#(#issue#), #Pages#	Outcome
2872	Yu, L. X.,Tao, Y.,Qiu, R. M.,Zhou, Y.,Zhi, Q. H.,Lin, H. C. (2015). Genetic polymorphisms of the sortase A gene and social-behavioural factors associated with caries in children: a case-control study BMC Oral Health, 15(#issue#), 54	Study design
2873	Yuksel, H.,Sakar, A.,Dinc, G.,Yilmaz, O.,Gozmen, S.,Yorgancioglu, A.,Ozcan, C. (2007). The frequency of wheezing phenotypes and risk factors for persistence in aegean region of Turkey J Asthma, 44(2), 89-93	Study design
2874	Yung, J.,Yuen, J. W. M.,Ou, Y.,Loke, A. Y. (2015). Factors associated with atopy in toddlers: A case-control study International Journal of Environmental Research and Public Health, 12(3), 2501-2520	Study design
2875	Yurdakok, K.,Ozmert, E.,Yalcin, S. S. (1997). Physical examination of breast-fed infants Arch Pediatr Adolesc Med, 151(4), 429-30	Study design

	Full texts screened	Reason for exclusion
2876	Zadik, Z.,Borondukov, E.,Zung, A.,Reifen, R. (2003). Adult height and weight of breast-fed and bottle-fed Israeli infants J Pediatr Gastroenterol Nutr, 37(4), 462-7	Intervention/exposure
2877	Zadzinska E,Sitek A,Rosset I (2016). Relationship between pre-natal factors, the perinatal environment, motor development in the first year of life and the timing of first deciduous tooth emergence Ann Hum Biol, 43(#issue#), 25-33	Study design
2878	Zaini, M. Z.,Lim, C. T.,Low, W. Y.,Harun, F. (2005). Factors affecting nutritional status of Malaysian primary school children Asia Pac J Public Health, 17(2), 71-80	Study design
2879	Zamboni, G.,Piemonte, G.,Bolner, A.,Antoniazzi, F.,Dall'Agnola, A.,Messner, H.,Gambaro, G.,Tato, L. (1993). Influence of dietary taurine on vitamin D absorption Acta Paediatrica, International Journal of Paediatrics, 82(10), 811-815	Size of study groups
2880	Zamora, G.,Lutter, C. K.,Pena-Rosas, J. P. (2015). Using an equity lens in the implementation of interventions to protect, promote, and support optimal breastfeeding practices J Hum Lact, 31(1), 21-5	Study design, Outcome
2881	Zarnani, A. H.,Modarres, Sh,Jadali, F.,Sabahi, F.,Moazzeni, S. M.,Vazirian, F. (2004). Role of rotaviruses in children with acute diarrhea in Tehran, Iran Journal of Clinical Virology, 29(3), 189-193	Study design, Participant health
2882	Zedan, M.,Nasef, N.,El-Bayoumy, M.,El-Assmy, M.,Attia, G.,Zedan, M.,AlWakeel, A.,Kandil, S.,Laimon, W.,Fouda, A. (2012). Does decline of lung function in wheezy infants justify the early start of controller medications? Indian J Pediatr, 79(9), 1176-80	Country
2883	Zell, B. L. (2011). Breastfeeding as a community health imperative Breastfeed Med, 6(#issue#), 303-4	Study design
2884	Zetterstrom, R. (1998). Human milk and infant development. Foreword Biol Neonate, 74(2), 80-3	Study design
2885	Zhang, J.,Himes, J. H.,Guo, Y.,Jiang, J.,Yang, L.,Lu, Q.,Ruan, H.,Shi, S. (2013). Birth weight, growth and feeding pattern in early infancy predict overweight/obesity status at two years of age: a birth cohort study of Chinese infants PLoS One, 8(6), e64542	Intervention/exposure
2886	Zhang, J.,Jiang, J.,Himes, J. H.,Zhang, J.,Liu, G.,Huang, X.,Guo, Y.,Shi, J.,Shi, S. (2012). Determinants of high weight gain and high BMI status in the first three months in urban Chinese infants Am J Hum Biol, 24(5), 633-9	Outcome
2887	Zhang, S.,Liu, J.,Lo, E. C.,Chu, C. H. (2013). Dental caries status of Dai preschool children in Yunnan Province, China BMC Oral Health, 13(#issue#), 68	Study design, Intervention/exposure
2888	Zheng, J. S.,Liu, H.,Li, J.,Chen, Y.,Wei, C.,Shen, G.,Zhu, S.,Chen, H.,Zhao, Y. M.,Huang, T.,Li, D. (2014). Exclusive breastfeeding is inversely associated with risk of childhood overweight in a large Chinese cohort J Nutr, 144(9), 1454-9	Intervention/exposure
2889	Zheng, W.,Suzuki, K.,Shinohara, R.,Sato, M.,Yokomichi, H.,Yamagata, Z. (2015). Maternal smoking during pregnancy and growth in infancy: a covariance structure analysis J Epidemiol, 25(1), 44-9	Intervention/exposure
2890	Zhong, B. L.,Ding, J.,Chen, H. H.,Li, Y.,Xu, H. M.,Tong, J.,Wang, A. Q.,Tang, G. Z.,Zhu, J. S.,Yang, D. Q.,Liu, B.,Wang, Q.,Cheng, W. F.,Yin, E.,Xu, M. J.,Zhang, T.,Hu, T. M.,Feng, X. W.,Li, H.,Dan, T. Q.,Cheng, G. M.,Zhang, J. F.,Li, H. J.,Zhu, J. H. (2013). Depressive disorders among children in the transforming China: an epidemiological survey of prevalence, correlates, and service use Depress Anxiety, 30(9), 881-92	Study design
2891	Zhou, S. J.,Baghurst, P.,Gibson, R. A.,Makrides, M. (2007). Home environment, not duration of breast-feeding, predicts intelligence quotient of children at four years Nutrition, 23(3), 236-41	Outcome
2892	Zhou, S. J.,Sullivan, T.,Gibson, R. A.,Lonnerdal, B.,Prosser, C. G.,Lowry, D. J.,Makrides, M. (2014). Nutritional adequacy of goat milk infant formulas for term infants: a double-blind randomised controlled trial Br J Nutr, 111(9), 1641-51	Intervention/exposure
2893	Zhou, S. J.,Sullivan, T.,Gibson, R. A.,Makrides, M. (2011). How does goat milk infant formula compare to cow milk formula? A randomised controlled trial [conference abstract] Journal of pediatric gastroenterology and nutrition, 52(#issue#), E208-e209	Publication status
2894	Ziajka, S.,Zbikowski, Z. (1986). Characterization and properties of infant milk formulae with addition of enzymatically digested casein Nahrung, 30(3-4), 413-4	Study design, Intervention/exposure
2895	Ziegler, A. G.,Schmid, S.,Huber, D.,Hummel, M.,Bonifacio, E. (2003). Early infant feeding and risk of developing type 1 diabetes-associated autoantibodies JAMA, 290(13), 1721-8	Outcome

	Full texts screened	Reason for exclusion
2896	Ziegler, E. E.,Fields, D. A.,Chernausek, S. D.,Steenhout, P.,Grathwohl, D.,Jeter, J. M.,Nelson, S. E.,Haschke, F. (2015). Adequacy of Infant Formula With Protein Content of 1.6 g/100 kcal for Infants Between 3 and 12 Months J Pediatr Gastroenterol Nutr, 61(5), 596-603	Intervention/exposure
2897	Ziegler, E. E.,Hollis, B. W.,Nelson, S. E.,Jeter, J. M. (2006). Vitamin D deficiency in breastfed infants in Iowa Pediatrics, 118(2), 603-10	Intervention/exposure
2898	Ziegler, E. E.,Jiang, T.,Romero, E.,Vinco, A.,Frantz, J. A.,Nelson, S. E. (1999). Cow's milk and intestinal blood loss in late infancy J Pediatr, 135(6), 720-6	Intervention/exposure, Outcome
2899	Ziegler, E. E.,Nelson, S. E.,Jeter, J. M. (2014). Iron stores of breastfed infants during the first year of life Nutrients, 6(5), 2023-34	Intervention/exposure
2900	Ziegler, E.,Vanderhoof, J. A.,Petschow, B.,Mitmesser, S. H.,Stolz, S. I.,Harris, C. L.,Berseth, C. L. (2007). Term infants fed formula supplemented with selected blends of prebiotics grow normally and have soft stools similar to those reported for breast-fed infants J Pediatr Gastroenterol Nutr, 44(3), 359-64	Intervention/exposure
2901	Zielhuis, G. A.,Heuvelmans-Heinen, E. W.,Rach, G. H.,van den Broek, P. (1989). Environmental risk factors for otitis media with effusion in preschool children Scand J Prim Health Care, 7(1), 33-8	Outcome
2902	Zive, M. M.,McKay, H.,Frank-Spohrer, G. C.,Broyles, S. L.,Nelson, J. A.,Nader, P. R. (1992). Infant-feeding practices and adiposity in 4-y-old Anglo- and Mexican-Americans Am J Clin Nutr, 55(6), 1104-8	Study design
2903	Zollner, M. S.,Jorge, A. O. (2003). Candida spp. occurrence in oral cavities of breastfeeding infants and in their mothers' mouths and breasts Pesqui Odontol Bras, 17(2), 151-5	Study design
2904	Zoppi, G.,Ferrarini, G.,Rigolin, F.,Bogaerts, H.,Andre, F. E. (1986). Response to RIT 4237 oral rotavirus vaccine in breast-fed and formula-fed infants Helv Paediatr Acta, 41(3), 203-8	Size of study groups
2905	Zoppi, G.,Mantovanelli, F.,Gobio Casali, L.,Astolfi, R.,Cecchettin, M. (1986). Effects of the composition and caloric value of infant formulas on intake and hormone levels J Pediatr Gastroenterol Nutr, 5(5), 756-61	Size of study groups
2906	Zuccotti, G.,Vigano, A.,Cafarelli, L.,Pivetti, V.,Pogliani, L.,Puzzovio, M.,Mora, S. (2011). Longitudinal changes of bone ultrasound measurements in healthy infants during the first year of life: influence of gender and type of feeding Calcif Tissue Int, 89(4), 312-7	Size of study groups, Outcome
2907	(1980). Nutritional adequacy of breast feeding Nutr Rev, 38(#issue#), 145-7	Publication status
2908	(1983). Breast-feeding and human milk Eur J Obstet Gynecol Reprod Biol, 15(4-6), 385-94	Publication status
2909	(1984). Bioavailability of milk zinc in infants Nutr Rev, 42(#issue#), 220-2	Publication status
2910	(1984). Project report. Results and policy implications of the cross-national investigation: Rethinking Infant Nutrition Policies under changing Socio-Economic Conditions Acta Paediatr Scand Suppl, 314(#issue#), 1-61	Publication status
2911	(1985). Breast feeding and child development at five years Nutr Rev, 43(#issue#), 173-4	Publication status
2912	(1985). Current issues in feeding the normal infant Pediatrics, 75(1 Pt 2), 135-215	Publication status
2913	(1986). Allergy in your baby Aust Fam Physician, 15(2), 176, 178	Publication status
2914	(1986). Catch-up growth following severe malnutrition Nutr Rev, 44(5), 173-5	Publication status
2915	(1986). Significance of food hypersensitivity in children with atopic dermatitis Pediatr Dermatol, 3(2), 161-74	Publication status
2916	(1988). Breast versus bottle: an in-house debate Midwife Health Visit Community Nurse, 24(7), 254-5	Publication status
2917	(1988). Cow's milk allergy in the first year of life. An Italian Collaborative Study Acta Paediatr Scand Suppl, 348(#issue#), 1-14	Publication status
2918	(1988). Progress toward the 1990 objectives for improved nutrition MMWR Morb Mortal Wkly Rep, 37(#issue#), 475-9	Publication status
2919	(1989). American Academy of Pediatrics Committee on Nutrition: Follow-up or weaning formulas Pediatrics, 83(6), 1067	Publication status

	Full texts screened	Reason for exclusion
2920	(1990). Nutrition for mother and child Nurs J India, 81(6), 181-8	Publication status
2921	(1991). Immunology of milk and the neonate Adv Exp Med Biol, 310(#issue#), 1-480	Publication status
2922	(1993). Diarrhoeal disease control (CDD) and acute respiratory infections (ARI). Combined CDD/ARI/breast-feeding survey, 1992 Wkly Epidemiol Rec, 68(17), 120-2	Publication status
2923	(1993). Diarrhoeal Disease Control (CDD) Programme Wkly Epidemiol Rec, 68(#issue#), 345-9	Publication status
2924	(1994). Dietary and other risk factors of ulcerative colitis. A case-control study in Japan. Epidemiology Group of the Research Committee of Inflammatory Bowel Disease in Japan J Clin Gastroenterol, 19(2), 166-71	Intervention/exposure
2925	(1994). Infant feeding practices and their possible relationship to the etiology of diabetes mellitus. American Academy of Pediatrics Work Group on Cow's Milk Protein and Diabetes Mellitus Pediatrics, 94(5), 752-4	Publication status
2926	(1997). Breast feeding: benefits and hazards Early Hum Dev, 49 Suppl(#issue#), S1-203	Publication status
2927	(1998). The Baby-Friendly Hospital Initiative Birth Gaz, 14(#issue#), 30	Publication status
2928	(1999). Breast feeding seems to reduce the risk of obesity in children Bmj, 319(7203), B	Publication status
2929	(1999). Exclusive breast feeding is protective against asthma and atopy in children Bmj, 319(7213), D	Publication status
2930	(1999). Protective effect of breast milk against pneumonia is greatest for young infants Bmj, 318(7194), C	Publication status
2931	(1999). Sudden infant death syndrome (SIDS). Canadian Foundation for the Study of Infant Deaths. Canadian Institute of Child Health. Canadian Paediatric Society Can Fam Physician, 45(#issue#), 702, 709-10	Publication status
2932	(1999). Vitamin D supplement in early childhood and risk for Type I (insulin-dependent) diabetes mellitus. The EURODIAB Substudy 2 Study Group Diabetologia, 42(1), 51-4	Intervention/exposure
2933	(2000). Growth patterns of breastfed infants in seven countries Acta Paediatr, 89(2), 215-22	Publication status
2934	(2001). Breastfeeding and childhood cancer Br J Cancer, 85(11), 1685-94	Outcome
2935	(2001). Controversial breastfeeding study Practising Midwife, 4(5), 6-6 1p	Publication status
2936	(2001). RC currents. Children breast-fed by asthmatic mothers at risk, says study AARC Times, 25(4), 70-70 1p	Publication status
2937	(2002). Rapid early growth is associated with increased risk of childhood type 1 diabetes in various European populations Diabetes Care, 25(10), 1755-60	Outcome
2938	(2004). Does breastfeeding prevent obesity?...and what about dairy foods? Child Health Alert, 22(#issue#), 3-4	Publication status
2939	(2004). Further evidence that breast is best RCM Midwives, #volume#(#issue#), 2-2 1p	Publication status
2940	(2006). Study hints at link between breastfeeding and intelligence AHRQ Research Activities, #volume#(308), 10-10 1p	Publication status
2941	(2008). Effects of breast-feeding: new results from a large randomised trial Journal of Family Health Care, 18(1), 34-34 1p	Publication status
2942	(2008). POEMs. Breastfeeding does not decrease risk of asthma and allergy JAAPA: Journal of the American Academy of Physician Assistants (Haymarket Media, Inc.), 21(1), 66-66 1p	Publication status
2943	(2009). Prolonged breast feeding reduces later cardiovascular risk Arch Dis Child, 94(11), 882	Publication status
2944	(2009). Promoting breast-feeding: fewer infections than in bottle-fed babies. Very few contraindications to breast-feeding Prescrire international, 18(102), 178	Publication status
2945	(2011). ABM Clinical Protocol #24: Allergic Proctocolitis in the Exclusively Breastfed Infant Breastfeed Med, 6(6), 435-40	Publication status
2946	(2011). Breastfeeding for the health of baby and mother Nurs J India, 102(8), 179	Publication status
2947	(2012). Breastfeeding study looks at behaviour Midwives, 15(1), 9-9 1p	Publication status

	Full texts screened	Reason for exclusion
2948	(2012). UP11 The Feeding Young Children Study: Preliminary Results from a WIC-based Bottle Weaning Intervention Journal of Nutrition Education & Behavior, 44(4S1), S83-S83 1p	Publication status
2949	(2013). Does breastfeeding increase risk of early childhood caries? J Can Dent Assoc, 79(#issue#), d123	Publication status
2950	(2013). Start smart: healthy weight in early childhood Issue Brief (Grantmakers Health), #volume#(#issue#), 1-14	Publication status
2951	(2015). Breastfeeding could be linked to higher IQ Perspect Public Health, 135(3), 114	Publication status
2952	(2015). Breastfeeding Nurs Womens Health, 19(1), 83-8	Publication status
2953	(2015). Breastfeeding: sensitive mothers and intelligent offspring Arch Dis Child, 100(6), 601	Publication status
2954	(2015). Immediate Post-Partum Initiation of Etonogestrel-Releasing Implant: A Randomized Controlled Trial on Breastfeeding Impact #journal#, 70(#issue#), 702-704 3p	Publication status
2955	(2015). Study Looks at Breastfeeding Impact on Leukemia Neonatal Intensive Care, 28(4), 12-14 3p	Publication status
2956	(2015). The Optimal Duration of Exclusive Breastfeeding for Physical Growth Nutritional Perspectives: Journal of the Council on Nutrition, 38(4), 21-33 11p	Publication status

Table 23. Full-text exclusions, Update to the Pregnancy and Birth to 24 Months Project literature search

The table below lists the articles excluded after full-text screening of the update to the Pregnancy and Birth to 24 Months Project literature search. At least one reason for exclusion is provided for each article, though this may not reflect all possible reasons for exclusion. Information about articles excluded after title and abstract screening is available upon request.

	Full texts screened	Reason for exclusion
1	Abrahamse-Berkeveld, M.,Alles, M.,Franke-Beckmann, E.,Helm, K.,Knecht, R.,Kollges, R.,Sandner, B.,Knol, J.,Ben Amor, K.,Bufe, A. (2016). Infant formula containing galacto-and fructo-oligosaccharides and Bifidobacterium breve M-16V supports adequate growth and tolerance in healthy infants in a randomised, controlled, double-blind, prospective, multicentre study J Nutr Sci, 5(#issue#), e42	Intervention/exposure vs comparator
2	Abrams, E. M.,Greenhawt, M.,Fleischer, D. M.,Chan, E. S. (2017). Early Solid Food Introduction: Role in Food Allergy Prevention and Implications for Breastfeeding J Pediatr, 184(#issue#), 13-18	Publication status, Study design
3	Adeyeye, T. E.,Yeung, E. H.,McLain, A. C.,Lin, S.,Lawrence, D. A.,Bell, E. M. (2019). Wheeze and Food Allergies in Children Born via Cesarean Delivery American Journal of Epidemiology, 188(2), 355-362	Outcome
4	Adeyeye, T. E.,Yeung, E. H.,McLain, A. C.,Lin, S.,Lawrence, D. A.,Bell, E. M. (2019). Wheeze and Food Allergies in Children Born via Cesarean Delivery: The Upstate KIDS Study Am J Epidemiol, 188(2), 355-362	Intervention/exposure vs comparator
5	Aghajafari, F.,Field, C. J.,Weinberg, A. R.,Letourneau, N. (2018). Both Mother and Infant Require a Vitamin D Supplement to Ensure That Infants' Vitamin D Status Meets Current Guidelines Nutrients, 10(4), #Pages#	Intervention/exposure vs comparator
6	Ahrens, B.,Hellmuth, C.,Haiden, N.,Olbertz, D.,Hamelmann, E.,Vusurovic, M.,Fleddermann, M.,Roehle, R.,Knoll, A.,Koletzko, B.,Wahn, U.,Beyer, K. (2018). Hydrolyzed Formula With Reduced Protein Content Supports Adequate Growth: A Randomized Controlled Noninferiority Trial J Pediatr Gastroenterol Nutr, 66(5), 822-830	Intervention/exposure vs comparator
7	Akkermans, M. D.,Eussen, S. R.,van der Horst-Graat, J. M.,van Elburg, R. M.,van Goudoever, J. B.,Brus, F. (2017). A micronutrient-fortified young-child formula improves the iron and vitamin D status of healthy young European children: a randomized, double-blind controlled trial Am J Clin Nutr, 105(2), 391-399	Intervention/exposure vs comparator
8	Alamian, A.,Wang, L.,Hall, A. M.,Pitts, M.,Ikekwere, J. (2016). Infant sleep problems and childhood overweight: Effects of three definitions of sleep problems Prev Med Rep, 4(#issue#), 463-8	Outcome
9	Albaum, J. M.,Carsley, S.,Chen, Y.,Dai, D. W. H.,Lebovic, G.,McCrindle, B. W.,Maguire, J. L.,Parkin, P. C.,Birken, C. S. (2017). Persistent High Non-High-Density Lipoprotein Cholesterol in Early Childhood: A Latent Class Growth Model Analysis J Pediatr, 191(#issue#), 152-157	Outcome
10	Alexander, D. D.,Yan, J.,Bylsma, L. C.,Northington, R. S.,Grathwohl, D.,Steenhout, P.,Erdmann, P.,Spivey-Krobath, E.,Haschke, F. (2016). Growth of infants consuming whey-predominant term infant formulas with a protein content of 1.8 g/100 kcal: a multicenter pooled analysis of individual participant data Am J Clin Nutr, 104(4), 1083-1092	Study design, Intervention/exposure vs comparator
11	Al-Mesad, Y.,Davidsson, L. (2018). Assessment of body composition of kuwaiti infants by using air displacement plethysmography (PEA POD®) Irish journal of medical science, 187(#issue#), S341-	Publication status
12	Altobelli, E.,Petrocelli, R.,Verrotti, A.,Chiarelli, F.,Marziliano, C. (2016). Genetic and environmental factors affect the onset of type 1 diabetes mellitus Pediatr Diabetes, 17(8), 559-566	Study design, Intervention/exposure vs comparator
13	Amaro-Rivera, K.,Molina, J.,Perez, C. M.,Palacios, C. (2019). Longitudinal Associations between Dietary Patterns and Weight Status in Puerto Rican Infants and Toddlers' Participants of the WIC Program P R Health Sci J, 38(2), 75-80	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
14	Ames, J.,Warner, M.,Siracusa, C.,Signorini, S.,Brambilla, P.,Mocarelli, P.,Eskenazi, B. (2019). Prenatal dioxin exposure and neuropsychological functioning in the Seveso Second Generation Health Study Int J Hyg Environ Health, 222(3), 425-433	Study design
15	Amoros, R.,Murcia, M.,Gonzalez, L.,Rebagliato, M.,Iniguez, C.,Lopez-Espinosa, M. J.,Vioque, J.,Broberg, K.,Ballester, F.,Llop, S. (2018). Maternal selenium status and neuropsychological development in Spanish preschool children Environ Res, 166(#issue#), 215-222	Intervention/exposure vs comparator
16	Andersen, A. T. N.,Husby, S.,Sander, S. D.,Kyhl, H. B.,Sandberg, M. B.,Molgaard, C. (2016). Iron deficiency in healthy 18-month-old danish children: prevalence and associated factors: a subproject in the odense child cohort Journal of pediatric gastroenterology and nutrition, 63(#issue#), S258-S259	Publication status
17	Andersen, K. R.,Harslof, L. B.,Schnurr, T. M.,Hansen, T.,Hellgren, L. I.,Michaelsen, K. F.,Lauritzen, L. (2017). A study of associations between early DHA status and fatty acid desaturase (FADS) SNP and developmental outcomes in children of obese mothers Br J Nutr, 117(2), 278-286	Study design
18	Anderson, P. O. (2019). When the Heart Is Not in It: Breastfeeding with Cardiovascular Disease Breastfeed Med, 14(2), 80-82	Study design
19	Andres, Aline (2017). CHILDREN'S NUTRITION CENTER FOCUSED ON SOY FORMULA Soy Connection, 25(3), 6-7	Publication status
20	Anusha, K.,Hettiaratchi, U.,Gunasekera, D.,Prathapan, S.,Liyanage, G. (2019). Maternal Vitamin D Status and Its Effect on Vitamin D Levels in Early Infancy in a Tertiary Care Centre in Sri Lanka Int J Endocrinol, 2019(#issue#), 9017951	Intervention/exposure vs comparator
21	Ardıç, C.,Omar, E. (2019). Obesity frequency and related risk factors in primary school children European Research Journal, 5(3), 467-472	Study design
22	Ardic, C.,Usta, O.,Omar, E.,Yildiz, C.,Memis, E. (2019). Effects of infant feeding practices and maternal characteristics on early childhood obesity Arch Argent Pediatr, 117(1), 26-33	Intervention/exposure vs comparator
23	Aris, I. M.,Bernard, J. Y.,Chen, L. W.,Tint, M. T.,Pang, W. W.,Lim, W. Y.,Soh, S. E.,Saw, S. M.,Godfrey, K. M.,Gluckman, P. D.,Chong, Y. S.,Yap, F.,Kramer, M. S.,Lee, Y. S. (2017). Infant body mass index peak and early childhood cardio-metabolic risk markers in a multi-ethnic Asian birth cohort Int J Epidemiol, 46(2), 513-525	Outcome
24	Aris, I. M.,Bernard, J. Y.,Chen, L. W.,Tint, M. T.,Pang, W. W.,Soh, S. E.,Saw, S. M.,Shek, L. P.,Godfrey, K. M.,Gluckman, P. D.,Chong, Y. S.,Yap, F.,Kramer, M. S.,Lee, Y. S. (2018). Modifiable risk factors in the first 1000 days for subsequent risk of childhood overweight in an Asian cohort: significance of parental overweight status Int J Obes (Lond), 42(1), 44-51	Intervention/exposure vs comparator
25	Aris, I. M.,Rifas-Shiman, S. L.,Li, L. J.,Kleinman, K.,Coull, B. A.,Gold, D. R.,Hivert, M. F.,Kramer, M. S.,Oken, E. (2018). Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones J Pediatr, 201(#issue#), 69-77.e8	Outcome
26	Aris, I. M.,Soh, S. E.,Tint, M. T.,Saw, S. M.,Rajadurai, V. S.,Godfrey, K. M.,Gluckman, P. D.,Yap, F.,Chong, Y. S.,Lee, Y. S. (2017). Associations of infant milk feed type on early postnatal growth of offspring exposed and unexposed to gestational diabetes in utero Eur J Nutr, 56(1), 55-64	Already included in P/B24 search
27	Ayonrinde, O. T.,Oddy, W. H.,Adams, L. A.,Mori, T. A.,Beilin, L. J.,de Klerk, N.,Olynyk, J. K. (2017). Infant nutrition and maternal obesity influence the risk of non-alcoholic fatty liver disease in adolescents J Hepatol, 67(3), 568-576	Outcome
28	Azad, M. B.,Vehling, L.,Chan, D.,Klopp, A.,Nickel, N. C.,McGavock, J. M.,Becker, A. B.,Mandhane, P. J.,Turvey, S. E.,Moraes, T. J.,Taylor, M. S.,Lefebvre, D. L.,Sears, M. R.,Subbarao, P. (2018). Infant Feeding and Weight Gain: Separating Breast Milk From Breastfeeding and Formula From Food Pediatrics, 142(4), #Pages#	Outcome
29	Baïz, N.,Macchiaverni, P.,Tulic, M. K.,Rekima, A.,Annesi-Maesano, I.,Verhasselt, V.,Bernard, J. Y.,Botton, J.,Charles, M. A.,Dargent-Molina, P.,de Lauzon-Guillain, B.,Ducimetière, P.,de Agostini, M.,Foliguet, B.,Forhan, A.,Fritel, X.,Germa, A.,Goua, V.,Hankard, R.,Heude, B.,Kaminski, M.,Larroque, B.,Lelong, N.,Lepeule, J.,Magnin, G.,Pierre, F.,Marchand, L.,Nabet, C.,Slama, R.,Saurel-Cubizolles, M. J.,Schweitzer, M.,Thiebaugeorges, O. (2017). Early oral exposure to house dust mite allergen through breast milk: A potential risk factor for allergic sensitization and respiratory allergies in children Journal of Allergy and Clinical Immunology, 139(1), 369-372.e10	Publication status

	Full texts screened	Reason for exclusion
30	Baran, J.,Weres, A.,Czenczek-Lewandowska, E.,Luszczki, E.,Sobek, G.,Pitucha, G.,Leszczak, J.,Mazur, A. (2019). Early Eating Patterns and Overweight and Obesity in a Sample of Preschool Children in South-East Poland Int J Environ Res Public Health, 16(17), #Pages#	Confounders, Intervention/exposure vs comparator
31	Barrera, C. M.,Perrine, C. G.,Li, R.,Scanlon, K. S. (2016). Age at Introduction to Solid Foods and Child Obesity at 6 Years Child Obes, 12(3), 188-92	Intervention/exposure vs comparator
32	Barros, V. O.,Amorim, M. R.,Melo, A. O.,Tavares, J. S.,Silva, A. C.,Alves, J. G. (2016). Abdominal Fat Distribution Among Breastfed and Formula-Fed Infants Breastfeed Med, 11(#issue#), 231-4	Outcome
33	Béghin, L.,Marchandise, X.,Lien, E.,Bricout, M.,Bernet, J. P.,Lienhardt, J. F.,Jeannerot, F.,Menet, V.,Requillart, J. C.,Marx, J.,De Groot, N.,Jaeger, J.,Steenhout, P.,Turck, D. (2019). Growth, stool consistency and bone mineral content in healthy term infants fed sn-2-palmitate-enriched starter infant formula: A randomized, double-blind, multicentre clinical trial Clinical Nutrition, 38(3), 1023-1030	Intervention/exposure vs comparator
34	Bekhet, O. H.,Vekic, J.,Zeljkovic, A.,Paripovic, D.,Gojkovic, T.,Janac, J.,Spasojevic-Kalimanovska, V.,Peco-Antic, A.,Milosevski-Lomic, G.,Jelic-Ivanovic, Z.,Stefanovic, A. (2017). Associations of Apgar score and size at birth with lipoprotein subclasses in juvenile obesity Turk J Med Sci, 47(6), 1804-1812	Study design
35	Belfort, M. B.,Rifas-Shiman, S. L.,Kleinman, K. P.,Bellinger, D. C.,Harris, M. H.,Taveras, E. M.,Gillman, M. W.,Oken, E. (2016). Infant Breastfeeding Duration and Mid-Childhood Executive Function, Behavior, and Social-Emotional Development J Dev Behav Pediatr, 37(1), 43-52	Outcome
36	Bell, K. A.,Wagner, C. L.,Feldman, H. A.,Shypailo, R. J.,Belfort, M. B. (2017). Associations of infant feeding with trajectories of body composition and growth Am J Clin Nutr, 106(2), 491-498	Outcome
37	Bell, S.,Yew, S. S. Y.,Devenish, G.,Ha, D.,Do, L.,Scott, J. (2018). Duration of Breastfeeding, but Not Timing of Solid Food, Reduces the Risk of Overweight and Obesity in Children Aged 24 to 36 Months: Findings from an Australian Cohort Study Int J Environ Res Public Health, 15(4), #Pages#	Intervention/exposure vs comparator
38	Berger, P. K.,Lavner, J. A.,Smith, J. J.,Birch, L. L. (2017). Differences in early risk factors for obesity between African American formula-fed infants and White breastfed controls Pilot Feasibility Stud, 3(#issue#), 58	Intervention/exposure vs comparator
39	Berghuis, S. A.,Van Braeckel, Knja,Sauer, P. J. J.,Bos, A. F. (2018). Prenatal exposure to persistent organic pollutants and cognition and motor performance in adolescence Environ Int, 121(Pt 1), 13-22	Intervention/exposure vs comparator
40	Bernard, J. Y.,Armand, M.,Peyre, H.,Garcia, C.,Forhan, A.,De Agostini, M.,Charles, M. A.,Heude, B. (2017). Breastfeeding, Polyunsaturated Fatty Acid Levels in Colostrum and Child Intelligence Quotient at Age 5-6 Years J Pediatr, 183(#issue#), 43-50.e3	Outcome
41	Besharat Pour, M.,Bergstrom, A.,Bottai, M.,Magnusson, J.,Kull, I.,Moradi, T. (2017). Age at adiposity rebound and body mass index trajectory from early childhood to adolescence; differences by breastfeeding and maternal immigration background Pediatr Obes, 12(1), 75-84	Intervention/exposure vs comparator
42	Betoko, A.,Lioret, S.,Heude, B.,Hankard, R.,Carles, S.,Forhan, A.,Regnault, N.,Botton, J.,Charles, M. A.,de Lauzon-Guillain, B. (2017). Influence of infant feeding patterns over the first year of life on growth from birth to 5 years Pediatr Obes, 12 Suppl 1(#issue#), 94-101	Outcome
43	Bider-Canfield, Z.,Martinez, M. P.,Wang, X.,Yu, W.,Bautista, M. P.,Brookey, J.,Page, K. A.,Buchanan, T. A.,Xiang, A. H. (2017). Maternal obesity, gestational diabetes, breastfeeding and childhood overweight at age 2 years Pediatr Obes, 12(2), 171-178	Outcome
44	Bion, V.,Lockett, G. A.,Soto-Ramirez, N.,Zhang, H.,Venter, C.,Karmaus, W.,Holloway, J. W.,Arshad, S. H. (2016). Evaluating the efficacy of breastfeeding guidelines on long-term outcomes for allergic disease Allergy, 71(5), 661-70	Outcome
45	Bjarnadottir, E.,Stokholm, J.,Chawes, B.,Thorsen, J.,Mora-Jensen, A. C.,Deleuran, M.,Bonnelykke, K.,Lauritzen, L.,Bisgaard, H. (2019). Determinants of neurodevelopment in early childhood - results from the Copenhagen prospective studies on asthma in childhood (COPSAC2010) mother-child cohort Acta Paediatr, 108(9), 1632-1641	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
46	Bjarnadóttir, E.,Stokholm, J.,Chawes, B.,Thorsen, J.,Mora-Jensen, A. R. C.,Deleuran, M.,Bønnelykke, K.,Lauritzen, L.,Bisgaard, H. (2019). Determinants of neurodevelopment in early childhood – results from the Copenhagen prospective studies on asthma in childhood (COPSAC2010) mother–child cohort Acta Paediatrica, International Journal of Paediatrics, 108(9), 1632-1641	Duplicate
47	Bjerregaard, L. G.,Pedersen, D. C.,Mortensen, E. L.,Sorensen, T. I. A.,Baker, J. L. (2019). Breastfeeding duration in infancy and adult risks of type 2 diabetes in a high-income country Matern Child Nutr, #volume#(#issue#), e12869	Intervention/exposure vs comparator
48	Bjertnaes, A. A.,Grundt, J. H.,Donkor, H. M.,Juliusson, P. B.,Wentzel-Larsen, T.,Vaktskjold, A.,Markestad, T.,Holten-Andersen, M. N. (2019). No significant associations between breastfeeding practices and overweight in 8-year-old children Acta Paediatr, #volume#(#issue#), #Pages#	Outcome
49	Bonato, M.,Bazzan, E.,Snijders, D.,Tine, M.,Biondini, D.,Turato, G.,Balestro, E.,Papi, A.,Cosio, M. G.,Barbato, A.,Baraldo, S.,Saetta, M. (2018). Clinical and Pathologic Factors Predicting Future Asthma in Wheezing Children. A Longitudinal Study Am J Respir Cell Mol Biol, 59(4), 458-466	Outcome
50	Bornhorst, C.,Siani, A.,Russo, P.,Kourides, Y.,Sion, I.,Molnar, D.,Moreno, L. A.,Rodriguez, G.,Ben-Shlomo, Y.,Howe, L.,Lissner, L.,Mehlig, K.,Regber, S.,Bammann, K.,Foraita, R.,Ahrens, W.,Tilling, K. (2016). Early Life Factors and Inter-Country Heterogeneity in BMI Growth Trajectories of European Children: The IDEFICS Study PLoS One, 11(2), e0149268	Outcome
51	Boskabadi, H.,Akhondian, J.,Afarideh, M.,Maamouri, G.,Bagheri, S.,Parizadeh, S. M.,Mobarhan, M. G.,Mohammadi, S.,Frens, G. A. (2017). Long-Term Neurodevelopmental Outcome of Neonates with Hypernatremic Dehydration Breastfeed Med, 12(#issue#), 163-168	Study design, Participant health
52	Boucher, O.,Julvez, J.,Guxens, M.,Arranz, E.,Ibarluzea, J.,Sanchez de Miguel, M.,Fernandez-Somoano, A.,Tardon, A.,Rebagliato, M.,Garcia-Esteban, R.,O'Connor, G.,Ballester, F.,Sunyer, J. (2017). Association between breastfeeding duration and cognitive development, autistic traits and ADHD symptoms: a multicenter study in Spain Pediatr Res, 81(3), 434-442	Outcome
53	Boucher, Olivier,Julvez, Jordi,Guxens, Mònica,Arranz, Enrique,Ibarluzea, Jesús,Sánchez de Miguel, Manuel,Fernández-Somoano, Ana,Tardon, Adonina,Rebagliato, Marisa,Garcia-Esteban, Raquel,O'Connor, Giselle,Ballester, Ferran,Sunyer, Jordi (2016). Association between breastfeeding duration and cognitive development, autistic traits and ADHD symptoms: a multicenter study in Spain Pediatric Research, #volume#(#issue#), N.PAG-N.PAG	Duplicate
54	Boutwell, B. B.,Young, J. T. N.,Meldrum, R. C. (2018). On the positive relationship between breastfeeding & intelligence Dev Psychol, 54(8), 1426-1433	Outcome
55	Bove, M. I.,Zelmonovich, C.,Bia, D.,Iturralde, A.,Ghiachetto, G.,Klaps, L.,Guillermo, V. (2017). Modifiable risk factors present from conception to age 2 years and their association with obesity at 5 years old Annals of nutrition & metabolism, 71(#issue#), 622-623	Publication status
56	Boyle, R. J.,Tang, M. L.,Chiang, W. C.,Chua, M. C.,Ismail, I.,Nauta, A.,Hourihane, J. O. B.,Smith, P.,Gold, M.,Ziegler, J.,Peake, J.,Quinn, P.,Rao, R.,Brown, N.,Rijnierse, A.,Garssen, J.,Warner, J. O. (2016). Prebiotic-supplemented partially hydrolysed cow's milk formula for the prevention of eczema in high-risk infants: a randomized controlled trial Allergy, 71(5), 701-10	Intervention/exposure vs comparator
57	Brambilla, P.,Bedogni, G.,Pietrobelli, A.,Cianfarani, S.,Agostoni, C. (2016). Predictors of blood pressure at 7-13 years: The "new millennium baby" study Nutr Metab Cardiovasc Dis, 26(8), 706-12	Outcome
58	Breij, L. M.,Abrahamse-Berkeveld, M.,Acton, D.,De Lucia Rolfe, E.,Ong, K. K.,Hokken-Koelega, A. C. S. (2017). Impact of Early Infant Growth, Duration of Breastfeeding and Maternal Factors on Total Body Fat Mass and Visceral Fat at 3 and 6 Months of Age Ann Nutr Metab, 71(3-4), 203-210	Outcome
59	Breij, L. M.,Mulder, M. T.,van Vark-van der Zee, L. C.,Hokken-Koelega, A. C. S. (2017). Appetite-regulating hormones in early life and relationships with type of feeding and body composition in healthy term infants Eur J Nutr, 56(4), 1725-1732	ConfoundersStudy design, Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
60	Bridgman, S. L.,Azad, M. B.,Persaud, R. R.,Chari, R. S.,Becker, A. B.,Sears, M. R.,Mandhane, P. J.,Turvey, S. E.,Subbarao, P.,Haqq, A. M.,Kozyrskyj, A. L. (2018). Impact of maternal pre-pregnancy overweight on infant overweight at 1 year of age: associations and sex-specific differences Pediatr Obes, 13(10), 579-589	Intervention/exposure vs comparator
61	Brouwer-Brolsma, E. M.,van de Rest, O.,Godschalk, R.,Zeegers, M. P. A.,Gielen, M.,de Groot, R. H. M. (2017). Associations between maternal long-chain polyunsaturated fatty acid concentrations and child cognition at 7 years of age: The MEFAB birth cohort Prostaglandins Leukot Essent Fatty Acids, 126(#issue#), 92-97	Outcome
62	Buccigrossi, V.,Ranucci, G.,Felisi, M. G.,Cantarutti, L.,Visentin, F.,Piacentini, D.,Spagnuolo, M. I.,Giaquinto, C.,Guarino, A. (2017). Early administration of prebiotics protects from respiratory infections and atopy by modifying intestinal microbial structure Journal of pediatric gastroenterology and nutrition, 64(#issue#), 973-	Publication status
63	Buck, Miranda (2016). FOOD-SENSITIVE BABIES: DIETARY INVESTIGATION FOR BREASTFED BABIES Breastfeeding Review, 24(3), 12-12	Publication status
64	Buckley, J. P.,Engel, S. M.,Mendez, M. A.,Richardson, D. B.,Daniels, J. L.,Calafat, A. M.,Wolff, M. S.,Herring, A. H. (2016). Prenatal Phthalate Exposures and Childhood Fat Mass in a New York City Cohort Environ Health Perspect, 124(4), 507-13	Intervention/exposure vs comparator
65	Byrne, M. L.,Schwartz, O. S.,Simmons, J. G.,Sheeber, L.,Whittle, S.,Allen, N. B. (2018). Duration of Breastfeeding and Subsequent Adolescent Obesity: Effects of Maternal Behavior and Socioeconomic Status J Adolesc Health, 62(4), 471-479	Study design
66	Cabana, M. D. (2018). Does longer breastfeeding duration decrease the risk of asthma? Journal of Pediatrics, 195(#issue#), 1-2	Publication status
67	Cai, X.,Lian, F.,Kong, Y.,Huang, L.,Xu, L.,Wu, Y.,Ma, H.,Yang, L. (2019). Carotenoid metabolic (BCO1) polymorphisms and personal behaviors modify the risk of coronary atherosclerosis: a nested case-control study in Han Chinese with dyslipidaemia (2013-2016) Asia Pac J Clin Nutr, 28(1), 192-202	Intervention/exposure vs comparator
68	Campoy, C.,Nieto-Ruiz, A.,Arias, M.,Dieguez, E.,Herrmann, F.,Miranda, M. T.,De Castellar, R. (2018). Long-term influence of a milk fat globule membrane (MFGM)-enriched formula on language development in healthy children at 4 years old Journal of pediatric gastroenterology and nutrition, 66(#issue#), 929-	Publication status
69	Campoy, C.,Nieto-Ruiz, A.,Sepulveda-Valbuena, N.,Dieguez, E.,Herrmann, F.,Miranda, M. T.,De Castellar, R. (2018). Association of early nutrition and gender with metabolic risk in healthy children at 4 years of age Annals of nutrition & metabolism, 73(#issue#), 44-45	Publication status
70	Campoy, C.,Ruiz, A. N. (2016). Nutritional intervention in early life influences the head circumference in healthy male children at 2.5 years Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 883	Publication status
71	Canani, R. B.,Nocerino, R.,Frediani, T.,Lucarelli, S.,Di Scala, C.,Varin, E.,Leone, L.,Muraro, A.,Agostoni, C. (2017). Amino Acid-based Formula in Cow's Milk Allergy: Long-term Effects on Body Growth and Protein Metabolism J Pediatr Gastroenterol Nutr, 64(4), 632-638	Intervention/exposure vs comparator
72	Candy, D. C. A.,Van Ampting, M. T. J.,Oude Nijhuis, M. M.,Wopereis, H.,Butt, A. M.,Peroni, D. G.,West, C. E.,Vandenplas, Y.,Fox, A. T.,Harthoorn, L. F.,et al, (2016). Dietary management of non-ige mediated cow's milk allergic infants with a synbiotics-supplemented amino acid-based formula: effects on faecal microbiota and clinical symptoms Journal of pediatric gastroenterology and nutrition, 63(#issue#), S402-	Outcome
73	Cebolla-Boado, H.,Jimenez-Buedo, M.,Salazar, L. (2017). Avoiding selection bias without random assignment? The effect of breastfeeding on cognitive outcomes in China Soc Sci Med, 194(#issue#), 151-159	Study design
74	Cetinkaya, M.,Semerci, S. Y.,Ugurel, O.,Balik, D. T. (2017). Evaluation of the effect of palm olein free formula on intestinal flora and gastrointestinal tolerance in infants Journal of pediatric gastroenterology and nutrition, 65(#issue#), S320-S321	Publication status
75	Cetthakrikul, N.,Topothai, C.,Suphanchaimat, R.,Tisayaticom, K.,Limwattananon, S.,Tangcharoensathien, V. (2018). Childhood stunting in Thailand: when prolonged breastfeeding interacts with household poverty BMC Pediatr, 18(1), 395	Study design

	Full texts screened	Reason for exclusion
76	Chan, D.,Goruk, S.,Becker, A. B.,Subbarao, P.,Mandhane, P. J.,Turvey, S. E.,Lefebvre, D.,Sears, M. R.,Field, C. J.,Azad, M. B. (2018). Adiponectin, leptin and insulin in breast milk: associations with maternal characteristics and infant body composition in the first year of life Int J Obes (Lond), 42(1), 36-43	Intervention/exposure vs comparator
77	Chan, K. C.,Tam, W. H.,Chan, M. H.,Chan, R. S.,Li, A. M. (2018). Vitamin D deficiency among healthy infants in Hong Kong: a pilot study Hong Kong Med J, 24 Suppl 3(3), 32-35	Study design, Intervention/exposure vs comparator
78	Chen, F.,Lin, Z.,Chen, R.,Norback, D.,Liu, C.,Kan, H.,Deng, Q.,Huang, C.,Hu, Y.,Zou, Z.,Liu, W.,Wang, J.,Lu, C.,Qian, H.,Yang, X.,Zhang, X.,Qu, F.,Sundell, J.,Zhang, Y.,Li, B.,Sun, Y.,Zhao, Z. (2018). The effects of PM2.5 on asthmatic and allergic diseases or symptoms in preschool children of six Chinese cities, based on China, Children, Homes and Health (CCHH) project Environ Pollut, 232(#issue#), 329-337	Outcome
79	Cheng, T. S.,Kwok, M. K.,Leung, G. M.,Schooling, C. M. (2018). The Associations of Breast Feeding with Infant Growth and Body Mass Index to 16 years: 'Children of 1997' Paediatr Perinat Epidemiol, 32(2), 200-209	Outcome
80	Cheng, T. S.,Loy, S. L.,Cheung, Y. B.,Chan, J. K.,Pang, W. W.,Godfrey, K. M.,Gluckman, P. D.,Kwek, K.,Saw, S. M.,Chong, Y. S.,Lee, Y. S.,Lek, N.,Yap, F. (2016). Sexually dimorphic response to feeding mode in the growth of infants Am J Clin Nutr, 103(2), 398-405	Outcome
81	Chiu, C. Y.,Liao, S. L.,Su, K. W.,Tsai, M. H.,Hua, M. C.,Lai, S. H.,Chen, L. C.,Yao, T. C.,Yeh, K. W.,Huang, J. L. (2016). Exclusive or Partial Breastfeeding for 6 Months Is Associated With Reduced Milk Sensitization and Risk of Eczema in Early Childhood: The PATCH Birth Cohort Study Medicine (Baltimore), 95(15), e3391	Outcome
82	Chiu, C. Y.,Liao, S. L.,Su, K. W.,Tsai, M. H.,Hua, M. C.,Lai, S. H.,Chen, L. C.,Yao, T. C.,Yeh, K. W.,Huang, J. L. (2016). Exclusive or Partial Breastfeeding for 6 Months Is Associated with Reduced Milk Sensitization and Risk of Eczema in Early Childhood Medicine (United States), 95(15), #Pages#	Outcome
83	Choi, H. J.,Kang, S. K.,Chung, M. R. (2018). The relationship between exclusive breastfeeding and infant development: A 6- and 12-month follow-up study Early Hum Dev, 127(#issue#), 42-47	Outcome
84	Choi, J.,Chang, J. Y.,Hong, J.,Shin, S.,Park, J. S.,Oh, S. (2017). Low-Level Toxic Metal Exposure in Healthy Weaning-Age Infants: Association with Growth, Dietary Intake, and Iron Deficiency Int J Environ Res Public Health, 14(4), #Pages#	Study design
85	Chowning, R.,Radmacher, P.,Lewis, S.,Serke, L.,Pettit, N.,Adamkin, D. H. (2016). A retrospective analysis of the effect of human milk on prevention of necrotizing enterocolitis and postnatal growth Journal of Perinatology, 36(3), 221-224	Participant health
86	Christensen, L. H.,Hoyer, B. B.,Pedersen, H. S.,Zinchuk, A.,Jonsson, B. A. G.,Lindh, C.,Durr, D. W.,Bonde, J. P.,Toft, G. (2016). Prenatal smoking exposure, measured as maternal serum cotinine, and children's motor developmental milestones and motor function: A follow-up study Neurotoxicology, 53(#issue#), 236-245	Outcome
87	Chu, S.,Zhang, Y.,Jiang, Y.,Sun, W.,Zhu, Q.,Wang, B.,Jiang, F.,Zhang, J. (2017). Cesarean section without medical indication and risks of childhood allergic disorder, attenuated by breastfeeding Sci Rep, 7(1), 9762	Outcome
88	Civardi, E.,Garofoli, F.,Longo, S.,Mongini, M. E.,Grenci, B.,Mazzucchelli, I.,Angelini, M.,Castellazzi, A.,Fasano, F.,Grinzato, A.,Fanos, V.,Budelli, A.,Stronati, M. (2017). Safety, growth, and support to healthy gut microbiota by an infant formula enriched with functional compounds Clin Nutr, 36(1), 238-245	Intervention/exposure vs comparator
89	Claesson, Ing-Marie,Sydsjö, Gunilla,Olhager, Elisabeth,Oldin, Carin,Josefsson, Ann (2016). Effects of a Gestational Weight Gain Restriction Program for Obese Pregnant Women: Children's Weight Development during the First Five Years of Life Childhood Obesity, 12(3), 162-170	Intervention/exposure vs comparator
90	Clark, K. M.,Li, M.,Zhu, B.,Liang, F.,Shao, J.,Zhang, Y.,Ji, C.,Zhao, Z.,Kaciroti, N.,Lozoff, B. (2017). Breastfeeding, Mixed, or Formula Feeding at 9 Months of Age and the Prevalence of Iron Deficiency and Iron Deficiency Anemia in Two Cohorts of Infants in China J Pediatr, 181(#issue#), 56-61	Study design

	Full texts screened	Reason for exclusion
91	Cloutier, M. M.,Wiley, J. F.,Kuo, C. L.,Cornelius, T.,Wang, Z.,Gorin, A. A. (2018). Outcomes of an early childhood obesity prevention program in a low-income community: a pilot, randomized trial Pediatr Obes, 13(11), 677-685	Intervention/exposure vs comparator
92	Collell, R.,Closa-Monasterolo, R.,Ferre, N.,Luque, V.,Koletzko, B.,Grote, V.,Janas, R.,Verduci, E.,Escribano, J. (2016). Higher protein intake increases cardiac function parameters in healthy children: metabolic programming by infant nutrition-secondary analysis from a clinical trial Pediatr Res, 79(6), 880-8	Intervention/exposure vs comparator
93	Colombo, J.,Jill Shaddy, D.,Kerling, E. H.,Gustafson, K. M.,Carlson, S. E. (2017). Docosahexaenoic acid (DHA) and arachidonic acid (ARA) balance in developmental outcomes Prostaglandins Leukot Essent Fatty Acids, 121(#issue#), 52-56	Intervention/exposure vs comparator
94	Comba, A.,Demir, E.,Baris Eren, N. (2019). Nutritional status and related factors of schoolchildren in Corum, Turkey Public Health Nutr, 22(1), 122-131	Study design
95	Contarato, A. A.,Rocha, E. D.,Czarnobay, S. A.,Mastroeni, S. S.,Veugelers, P. J.,Mastroeni, M. F. (2016). Independent effect of type of breastfeeding on overweight and obesity in children aged 12-24 months Cad Saude Publica, 32(12), e00119015	Intervention/exposure vs comparator
96	Coo, H.,Fabrigar, L.,Davies, G.,Fitzpatrick, R.,Flavin, M. (2019). Are observed associations between a high maternal prepregnancy body mass index and offspring IQ likely to be causal? J Epidemiol Community Health, #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
97	Corkins, M.,Czerkies, L. A.,Storm, H. M.,Sun, S.,Saavedra, J. M. (2016). Assessment of Growth of Infants Fed an Amino Acid-Based Formula Clin Med Insights Pediatr, 10(#issue#), 3-9	Intervention/exposure vs comparator
98	Costa, C. S.,Campagnolo, P. D.,Lumey, L. H.,Vitolo, M. R. (2017). Effect of maternal dietary counselling during the 1st year of life on glucose profile and insulin resistance at the age of 8 years: a randomised field trial Br J Nutr, 117(1), 134-141	Intervention/exposure vs comparator
99	Cronin, F. M.,Segurado, R.,McAuliffe, F. M.,Kelleher, C. C.,Tremblay, R. E. (2017). Gestational age and chronic 'body-mind' health problems in childhood: dose–response association and risk factors European Child and Adolescent Psychiatry, 26(1), 57-65	Duplicate
100	Cronin, Frances,Segurado, Ricardo,McAuliffe, Fionnuala,Kelleher, Cecily,Tremblay, Richard (2017). Gestational age and chronic 'body-mind' health problems in childhood: dose-response association and risk factors European Child & Adolescent Psychiatry, 26(1), 57-65	Intervention/exposure vs comparator, Outcome
101	Cunha, M. P. L.,Marques, R. C.,Dorea, J. G. (2018). Influence of Maternal Fish Intake on the Anthropometric Indices of Children in the Western Amazon Nutrients, 10(9), #Pages#	Outcome
102	Cuppari, C.,Manti, S.,Salpietro, A.,Alterio, T.,Arrigo, T.,Leonardi, S.,Salpietro, C. (2016). Mode of delivery and atopic phenotypes: Old questions new insights? A retrospective study Immunobiology, 221(12), 1418-1423	Outcome
103	Dalmeijer, G. W.,Wijga, A. H.,Gehring, U.,Renders, C. M.,Koppelman, G. H.,Smit, H. A.,van Rossem, L. (2016). Fatty acid composition in breastfeeding and school performance in children aged 12 years Eur J Nutr, 55(7), 2199-207	Outcome
104	Daniels, S. R. (2018). BMI in early childhood Journal of Pediatrics, 202(#issue#), 2	Publication status
105	Davisse-Paturet, C.,Raherison, C.,Adel-Patient, K.,Divaret-Chauveau, A.,Bois, C.,Dufourg, M. N.,Lioret, S.,Charles, M. A.,de Lauzon-Guillain, B. (2019). Use of partially hydrolysed formula in infancy and incidence of eczema, respiratory symptoms or food allergies in toddlers from the ELFE cohort Pediatr Allergy Immunol, 30(6), 614-623	Intervention/exposure vs comparator
106	de Beer, M.,Vrijkotte, T. G.,Fall, C. H.,van Eijsden, M.,Osmond, C.,Gemke, R. J. (2016). Associations of Infant Feeding and Timing of Weight Gain and Linear Growth during Early Life with Childhood Blood Pressure: Findings from a Prospective Population Based Cohort Study PLoS One, 11(11), e0166281	Intervention/exposure vs comparator
107	De Regnier, R. A. (2017). Nutrition and brain development: it's complicated Journal of Pediatrics, 183(#issue#), 1-2	Publication status
108	Delgado, C. A.,Munhoz, T. N.,Santos, I. S.,Barros, F. C.,Matijasevich, A. (2017). Prolonged breastfeeding for 24 months or more and mental health at 6 years of age: evidence from the 2004 Pelotas Birth Cohort Study, Brazil Child and Adolescent Mental Health, 22(4), 209-215	Outcome

	Full texts screened	Reason for exclusion
109	den Dekker, H. T.,Sonnenschein-van der Voort, A. M.,Jaddoe, V. W.,Reiss, I. K.,de Jongste, J. C.,Duijts, L. (2016). Breastfeeding and asthma outcomes at the age of 6 years: The Generation R Study Pediatr Allergy Immunol, 27(5), 486-92	Outcome
110	Deoni, S.,Dean, D., 3rd,Joelson, S.,O'Regan, J.,Schneider, N. (2018). Early nutrition influences developmental myelination and cognition in infants and young children Neuroimage, 178(#issue#), 649-659	Outcome
111	Dhudasia, Miren B.,Flannery, Dustin D.,Mukhopadhyay, Sagori (2019). Early limited formula for breastfeeding infants: too much or just enough? Journal of Perinatology, 39(8), 1149-1152	Publication status Outcome
112	Diepeveen, F. B.,van Dommelen, P.,Oudesluys-Murphy, A. M.,Verkerk, P. H. (2017). Specific language impairment is associated with maternal and family factors Child Care Health Dev, 43(3), 401-405	Outcome
113	Ditomasso, Diane,Paiva, Andrea L. (2018). Neonatal Weight Matters: An Examination of Weight Changes in Full-Term Breastfeeding Newborns During the First 2 Weeks of Life Journal of Human Lactation, 34(1), 86-92	Outcome, Intervention/exposure vs comparator
114	Djurovic, D.,Milisavljevic, B.,Mugosa, B.,Lugonja, N.,Miletic, S.,Spasic, S.,Vrvic, M. (2017). Zinc concentrations in human milk and infant serum during the first six months of lactation J Trace Elem Med Biol, 41(#issue#), 75-78	Intervention/exposure vs comparator
115	Dogan, E.,Yilmaz, G.,Caylan, N.,Turgut, M.,Gokcay, G.,Oguz, M. M. (2018). Baby-led complementary feeding: Randomized controlled study Pediatr Int, 60(12), 1073-1080	Intervention/exposure vs comparator
116	Dogruel, D.,Bingol, G.,Altintas, D. U.,Yilmaz, M.,Kendirli, S. G. (2016). Prevalence of and risk factors for atopic dermatitis: A birth cohort study of infants in southeast Turkey Allergol Immunopathol (Madr), 44(3), 214-20	Outcome
117	Doğruel, D.,Bingöl, G.,AltIntaş, D. U.,YIlmaz, M.,Kendirli, S. G. (2016). Clinical features of food allergy during the 1st year of life: The ADAPAR birth cohort study International Archives of Allergy and Immunology, 169(3), 171-180	Outcome
118	Doi, L.,Williams, A. J.,Frank, J. (2016). How has child growth around adiposity rebound altered in Scotland since 1990 and what are the risk factors for weight gain using the Growing Up in Scotland birth cohort 1? BMC Public Health, 16(1), 1081	Outcome
119	Donkor, H. M.,Grundt, J. H.,Juliusson, P. B.,Eide, G. E.,Hurum, J.,Bjerknes, R.,Markestad, T. (2017). Social and somatic determinants of underweight, overweight and obesity at 5 years of age: a Norwegian regional cohort study BMJ Open, 7(8), e014548	Intervention/exposure vs comparator
120	Duff, Elizabeth (2016). Infants born to obese women and fed with breast milk gain less weight than those fed with powdered milk within their first 6 months of life Midwifery, 43(#issue#), A4-A5	Publication status
121	Dugas, C.,Kearney, M.,Mercier, R.,Perron, J.,Tchernof, A.,Marc, I.,Weisnagel, S. J.,Robitaille, J. (2018). Early life nutrition, glycemic and anthropometric profiles of children exposed to gestational diabetes mellitus in utero Early Hum Dev, 118(#issue#), 37-41	Intervention/exposure vs comparator
122	Eagleton, S. G.,Hohman, E. E.,Verdiglione, N.,Birch, L. L.,Paul, I. M.,Savage, J. S. (2019). INSIGHT Study Maternal Return to Work and Infant Weight Outcomes Acad Pediatr, 19(1), 67-73	Intervention/exposure vs comparator
123	Eastman, C. J. (2016). Iodine in breastfeeding Aust Prescr, 39(1), 4	Study design
124	Edmonson, M. B.,Eickhoff, J. C. (2017). Weight Gain and Obesity in Infants and Young Children Exposed to Prolonged Antibiotic Prophylaxis JAMA Pediatr, 171(2), 150-156	Outcome
125	Ehrenthal, D. B.,Wu, P.,Trabulsi, J. (2016). Differences in the Protective Effect of Exclusive Breastfeeding on Child Overweight and Obesity by Mother's Race Matern Child Health J, 20(9), 1971-9	Outcome
126	Ek, W. E.,Karlsson, T.,Hernándes, C. A.,Rask-Andersen, M.,Johansson, (2018). Breast-feeding and risk of asthma, hay fever, and eczema Journal of Allergy and Clinical Immunology, 141(3), 1157-1159.e9	Publication status
127	Elbert, N. J.,van Meel, E. R.,den Dekker, H. T.,de Jong, N. W.,Nijsten, T. E. C.,Jaddoe, V. W. V.,de Jongste, J. C.,Pasmans, Sgma,Duijts, L. (2017). Duration and exclusiveness of breastfeeding and risk of childhood atopic diseases Allergy, 72(12), 1936-1943	Outcome

	Full texts screened	Reason for exclusion
128	Elbert, Niels J.,van Meel, Evelien R.,den Dekker, H. T.,de Jong, Nicolette W.,Nijsten, Tamar E. C.,Jaddoe, Vincent W. V.,de Jongste, Johan C.,Pasmans, Suzanne G. M. A.,Duijts, Liesbeth (2018). Duration and exclusiveness of breastfeeding and risk of childhood atopic diseases MIDIRS Midwifery Digest, 28(2), 234-234	Outcome
129	El-Heneidy, A.,Abdel-Rahman, M. E.,Mihala, G.,Ross, L. J.,Comans, T. A. (2018). Milk Other Than Breast Milk and the Development of Asthma in Children 3 Years of Age. A Birth Cohort Study (2006(-)2011) Nutrients, 10(11), #Pages#	Outcome
130	El-Heneidy, Asmaa,Abdel-Rahman, Manar E.,Mihala, Gabor,Ross, Lynda J.,Comans, Tracy A. (2018). Milk Other Than Breast Milk and the Development of Asthma in Children 3 Years of Age. A Birth Cohort Study (2006–2011) Nutrients, 10(11), 1798	Outcome
131	Emmerson, A. J. B.,Dockery, K. E.,Mughal, M. Z.,Roberts, S. A.,Tower, C. L.,Berry, J. L. (2018). Vitamin D status of White pregnant women and infants at birth and 4 months in North West England: A cohort study Matern Child Nutr, 14(1), #Pages#	Study design
132	Emmett, P. M. (2016). Dietary Patterns during Complementary Feeding and Later Outcomes Nestle Nutr Inst Workshop Ser, 85(#issue#), 145-54	Publication status Intervention/exposure vs comparator
133	Eny, K. M.,Chen, S.,Anderson, L. N.,Chen, Y.,Lebovic, G.,Pullenayegum, E.,Parkin, P. C.,Maguire, J. L.,Birken, C. S. (2018). Breastfeeding duration, maternal body mass index, and birth weight are associated with differences in body mass index growth trajectories in early childhood Am J Clin Nutr, 107(4), 584-592	Intervention/exposure vs comparator
134	Ercan, M.,Ozcetin, M.,Karaci, M.,Ozgurhan, G.,Yasar, A.,Guven, B. (2016). Relationship between newborn craniotabes and vitamin D status North Clin Istanb, 3(1), 15-21	Intervention/exposure vs comparator
135	Eroglu, C.,Demir, F.,Erge, D.,Uysal, P.,Kirdar, S.,Yilmaz, M.,Kurt Omurlu, I. (2019). The relation between serum vitamin D levels, viral infections and severity of attacks in children with recurrent wheezing Allergol Immunopathol (Madr), #volume#(#issue#), #Pages#	Study design
136	Escribano, J.,Ferre, N.,Gispert-Llaurado, M.,Luque, V.,Rubio-Torrents, C.,Zaragoza-Jordana, M.,Polanco, I.,Codoner, F. M.,Chenoll, E.,Morera, M.,Moreno-Munoz, J. A.,Rivero, M.,Closa-Monasterolo, R. (2018). Bifidobacterium longum subsp infantis CECT7210-supplemented formula reduces diarrhea in healthy infants: a randomized controlled trial Pediatr Res, 83(6), 1120-1128	Intervention/exposure vs comparator
137	Escribano, J.,Luque, V.,Canals-Sans, J.,Ferre, N.,Koletzko, B.,Grote, V.,Weber, M.,Gruszfeld, D.,Szott, K.,Verduci, E.,Riva, E.,Brasselle, G.,Poncelet, P.,Closa-Monasterolo, R. (2016). Mental performance in 8-year-old children fed reduced protein content formula during the 1st year of life: safety analysis of a randomised clinical trial Br J Nutr, #volume#(#issue#), 1-9	Intervention/exposure vs comparator
138	Essau, C. A.,Sasagawa, S.,Lewinsohn, P. M.,Rohde, P. (2018). The impact of pre- and perinatal factors on psychopathology in adulthood J Affect Disord, 236(#issue#), 52-59	Intervention/exposure vs comparator, Participant age
139	Estevez-Gonzalez, M. D.,Santana Del Pino, A.,Henriquez-Sanchez, P.,Pena-Quintana, L.,Saavedra-Santana, P. (2016). Breastfeeding during the first 6 months of life, adiposity rebound and overweight/obesity at 8 years of age Int J Obes (Lond), 40(1), 10-3	Already included in P/B24 search
140	Faith, M. S.,Hittner, J. B.,Hurston, S. R.,Yin, J.,Greenspan, L. C.,Quesenberry, C. P., Jr.,Gunderson, E. P. (2019). Association of Infant Temperament With Subsequent Obesity in Young Children of Mothers With Gestational Diabetes Mellitus JAMA Pediatr, 173(5), 424-433	Intervention/exposure vs comparator
141	Fallah, R.,Kazemnejad, A.,Shoghli, A.,Vahabi, N. (2018). Growth velocity of children and its affective factors in northwestern Iran: A longitudinal study using marginal models Med J Islam Repub Iran, 32(#issue#), 72	Intervention/exposure vs comparator
142	Farahnak, Z.,Yuan, Y.,Vanstone, C. A.,Weiler, H. A. (2019). Maternal and neonatal red blood cell n-3 polyunsaturated fatty acids inversely associate with infant whole body fat mass assessed by dual-energy x-ray absorptiometry Appl Physiol Nutr Metab, #volume#(#issue#), #Pages#	Study design, Intervention/exposure vs comparator
143	Farhangi, M. A. (2016). Nutritional status and feeding practices in pre-school children aged 1-5 years in rural and urban areas of East Azerbaijan- Iran Progress in Nutrition, 18(1), 16-21	Study design, Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
144	Fatemi, M. J.,Fararouei, M.,Moravej, H.,Dianatinasab, M. (2018). Stunting and its associated factors among 6-7-year-old children in southern Iran: a nested case-control study Public Health Nutr, #volume#(#issue#), 1-8	Confounders
145	Fatemi, Mohammad Javad,Fararouei, Mohammad,Moravej, Hossein,Dianatinasab, Mostafa (2019). Stunting and its associated factors among 6-7-year-old children in southern Iran: a nested case-control study Public Health Nutrition, 22(1), 55-62	Intervention/exposure vs comparator
146	Feldman-Winter, L.,Burnham, L.,Grossman, X.,Matlak, S.,Chen, N.,Merewood, A. (2018). Weight gain in the first week of life predicts overweight at 2 years: A prospective cohort study Matern Child Nutr, 14(1), #Pages#	Outcome
147	Fields, D.,Czerkies, L.,Sun, S.,Storm, H.,Saavedra, J.,Sorensen, R. (2016). A Randomized Controlled Trial Assessing Growth of Infants Fed a 100% Whey Extensively Hydrolyzed Formula Compared With a Casein-Based Extensively Hydrolyzed Formula Glob Pediatr Health, 3(#issue#), 2333794x16636613	Intervention/exposure vs comparator
148	Fiocchi, A.,Fierro, V.,La Marra, F.,Dahdah, L. A. (2016). The custom clearance of pro- and prebiotics in allergy prevention Annals of Allergy, Asthma and Immunology, 117(5), 465-467	Publication status
149	Fisher, H. R.,Lack, G.,Du Toit, G. (2019). Solid foods should be introduced into susceptible infants' diets in early life-PRO Annals of Allergy, Asthma and Immunology, 122(6), 583-585	Publication status
150	Flaherman, V. J.,Schaefer, E. W.,Kuzniewicz, M. K.,Li, S.,Walsh, E.,Paul, I. M. (2017). Newborn Weight Loss During Birth Hospitalization and Breastfeeding Outcomes Through Age 1 Month J Hum Lact, 33(1), 225-230	Outcome
151	Fleddermann, M.,Demmelmair, H.,Grote, V.,Trisic, B.,Nikolic, T.,Koletzko, B. (2016). Growth during early infancy and anthropometry at 4 years of age: follow-up of the BeMIM study Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 680	Publication status
152	Fleddermann, M.,Demmelmair, H.,Hellmuth, C.,Grote, V.,Trisic, B.,Nikolic, T.,Koletzko, B. (2018). Association of infant formula composition and anthropometry at 4 years: Follow-up of a randomized controlled trial (BeMIM study) PLoS One, 13(7), e0199859	Intervention/exposure vs comparator
153	Flensborg-Madsen, T.,Mortensen, E. L. (2017). Predictors of motor developmental milestones during the first year of life Eur J Pediatr, 176(1), 109-119	Outcome
154	Flohr, C.,Henderson, A. J.,Kramer, M. S.,Patel, R.,Thompson, J.,Rifas-Shiman, S. L.,Yang, S.,Vilchuck, K.,Bogdanovich, N.,Hameza, M.,Martin, R. M.,Oken, E. (2018). Effect of an Intervention to Promote Breastfeeding on Asthma, Lung Function, and Atopic Eczema at Age 16 Years: Follow-up of the PROBIT Randomized Trial JAMA Pediatr, 172(1), e174064	Outcome
155	Flohr, C.,Kramer, M. S.,Patel, R.,Thompson, J.,Rifas-Shiman, S. L.,Yang, S.,Vilchuk, K.,Bogdanovich, N.,Hameza, M.,Martin, R. M.,et al, (2017). Does prolonged and exclusive breastfeeding reduce the risk of atopic eczema in adolescence? the PROBIT cluster-randomized trial in the Republic of Belarus British journal of dermatology, 177(#issue#), 159-	Publication status
156	Foiles, A. M.,Kerling, E. H.,Wick, J. A.,Scalabrin, D. M.,Colombo, J.,Carlson, S. E. (2016). Formula with long-chain polyunsaturated fatty acids reduces incidence of allergy in early childhood Pediatr Allergy Immunol, 27(2), 156-61	Intervention/exposure vs comparator
157	Fonolla, J.,Maldonado-Lobon, J. A.,Gil-Campo, M.,Maldonado, J.,Flores, K.,Benavides, M. R.,Jaldo, R.,Del Barco, I. J.,Valero, A. D.,Lara, F.,et al, (2017). An infant formula enriched with the human milk strain Lactobacillus fermentum CECT5716 is safe and reduces dhiarrea incidences during first year of life Journal of pediatric gastroenterology and nutrition, 64(#issue#), 933-	Publication status
158	Fonseca, P. C. A.,Carvalho, C. A.,Ribeiro, S. A. V.,Nobre, L. N.,Pessoa, M. C.,Ribeiro, A. Q.,Priore, S. E.,Franceschini, Sdcc (2017). Determinants of the mean growth rate of children under the age of six months: a cohort study Cien Saude Colet, 22(8), 2713-2726	Outcome, Intervention/exposure vs comparator
159	Forbes, J. D.,Azad, M. B.,Vehling, L.,Tun, H. M.,Konya, T. B.,Guttman, D. S.,Field, C. J.,Lefebvre, D.,Sears, M. R.,Becker, A. B.,Mandhane, P. J.,Turvey, S. E.,Moraes, T. J.,Subbarao, P.,Scott, J. A.,Kozyrskyj, A. L. (2018). Association of Exposure to Formula in the Hospital and Subsequent Infant Feeding Practices With Gut Microbiota and Risk of Overweight in the First Year of Life JAMA Pediatr, 172(7), e181161	Outcome

	Full texts screened	Reason for exclusion
160	Fortes, C.,Mastroeni, S.,Mannooranparampil, T. J.,Di Lallo, D. (2019). Pre-natal folic acid and iron supplementation and atopic dermatitis in the first 6 years of life Arch Dermatol Res, 311(5), 361-367	Outcome
161	Foster, B. A.,Escaname, E.,Powell, T. L.,Larsen, B.,Siddiqui, S. K.,Menchaca, J.,Aquino, C.,Ramamurthy, R.,Hale, D. E. (2017). Randomized Controlled Trial of DHA Supplementation during Pregnancy: Child Adiposity Outcomes Nutrients, 9(6), #Pages#	Confounders
162	Gaffney, K. F.,Brito, A. V.,Kitsantas, P.,Kermer, D. A. (2016). Early Feeding Practices and Weight Status at One Year of Age: A Comparison of Hispanic Immigrant Mother-Infant Dyads with Participants of the Infant Feeding Practices Study II Child Obes, 12(5), 384-91	Outcome
163	Gahagan, S.,Delker, E.,Blanco, E.,Burrows, R.,Lozoff, B. (2019). Randomized Controlled Trial of Iron-Fortified versus Low-Iron Infant Formula: Developmental Outcomes at 16 Years J Pediatr, 212(#issue#), 124-130.e1	Intervention/exposure vs comparator
164	Gahagan, S.,Delker, E.,Castillo, M.,Lozoff, B. (2017). Iron-fortified vs low-iron infant formula: cognitive outcomes at 10 and 16 years American journal of hematology, 92(8), E231-	Study design
165	Galland, B.,Taylor, B.,Gray, A.,Heath, A.,Lawrence, J.,Sayers, R.,Cameron, S.,Hanna, M.,Dale, K.,Coppell, K.,et al, (2016). Early life prevention of obesity by targeting sleep, or food and activity: a randomized controlled trial Sleep, 39(#issue#), A339-A340	Publication status
166	Gallier, S.,Xia, Y.,Rowan, A.,Wang, B. (2018). Milk fat globule membrane as a source of gangliosides and phospholipids in infancy to support brain development and healthy growth Journal of pediatric gastroenterology and nutrition, 66(#issue#), 942-	Publication status
167	Gallo, S.,Hazell, T.,Vanstone, C. A.,Agellon, S.,Jones, G.,L'Abbé, M.,Rodd, C.,Weiler, H. A. (2016). Vitamin D supplementation in breastfed infants from Montréal, Canada: 25-hydroxyvitamin D and bone health effects from a follow-up study at 3 years of age Osteoporosis International, #volume#(#issue#), 1-8	Intervention/exposure vs comparator
168	Gallo, S.,Hazell, T.,Vanstone, C. A.,Agellon, S.,Jones, G.,L'Abbe, M.,Rodd, C.,Weiler, H. A. (2016). Vitamin D supplementation in breastfed infants from Montreal, Canada: 25-hydroxyvitamin D and bone health effects from a follow-up study at 3 years of age Osteoporos Int, 27(8), 2459-66	Intervention/exposure vs comparator
169	Gao, X.,Yan, Y.,Zeng, G.,Sha, T.,Liu, S.,He, Q.,Chen, C.,Li, L.,Xiang, S.,Li, H.,Tan, S.,Yan, Q. (2019). Influence of prenatal and early-life exposures on food allergy and eczema in infancy: a birth cohort study BMC Pediatr, 19(1), 239	Intervention/exposure vs comparator
170	Geohagan, J.,de Gaston, D.,Sadler, A.,Palmer, P. (2018). Does oral maternal Vitamin D supplementation normalize the Vitamin D level in exclusively breastfed infants? J Okla State Med Assoc, 111(10), 870-871	Study design
171	Georgieva, M.,Manios, Y.,Rasheva, N.,Pancheva, R.,Dimitrova, E.,Stoeva, T. D.,Schaafsma, A. (2016). Effects of carob-bean gum thickened formulas on infants' reflux, growth and tolerance indices Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 468	Intervention/exposure vs comparator
172	Ghaemmaghami, P.,Ayatollahi, S. M. T.,Alinejad, V.,Sharafi, Z. (2018). Growth curves and their associated weight and height factors in children from birth to 4 years old in West Azerbaijan Province, northwest Iran Arch Pediatr, 25(6), 389-393	OutcomeOutcome
173	Gianni, M. L.,Roggero, P.,Baudry, C.,Fressange-Mazda, C.,Galli, C.,Agostoni, C.,le Ruyet, P.,Mosca, F. (2018). An infant formula containing dairy lipids increased red blood cell membrane Omega 3 fatty acids in 4 month-old healthy newborns: a randomized controlled trial BMC Pediatr, 18(1), 53	Group size
174	Gianni, M. L.,Roggero, P.,Baudry, C.,Fressange-Mazda, C.,le Ruyet, P.,Mosca, F. (2018). No effect of adding dairy lipids or long chain polyunsaturated fatty acids on formula tolerance and growth in full term infants: a randomized controlled trial BMC Pediatr, 18(1), 10	Group size
175	Gianni, M. L.,Roggero, P.,Baudry, C.,Galli, C.,Le Ruyet, P.,Mosca, F. (2016). Dairy lipids in infant formula: impact on the Omega-3 fatty acid content in membrane phospholipids of red blood cells in healthy term infants Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 656	Study design

	Full texts screened	Reason for exclusion
176	Gianni, M. L.,Roggero, P.,Baudry, C.,Le Ruyet, P.,Mosca, F. (2016). Dairy lipids in infant formula: impact on growth and gastrointestinal tolerance in healthy infants Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 831	Study design
177	Gibbs, B. G.,Forste, R.,Lybbert, E. (2018). Breastfeeding, Parenting, and Infant Attachment Behaviors Matern Child Health J, 22(4), 579-588	Outcome
178	Gibson, L. A.,Hernandez Alava, M.,Kelly, M. P.,Campbell, M. J. (2017). The effects of breastfeeding on childhood BMI: a propensity score matching approach J Public Health (Oxf), 39(4), e152-e160	Outcome
179	Gibson, L.,Porter, M. (2018). Drinking or Smoking While Breastfeeding and Later Cognition in Children Pediatrics, 142(2), #Pages#	Outcome
180	Gillette, M. T.,Lohman, B. J.,Neppl, T. K. (2017). Lower levels of maternal capital in early life predict offspring obesity in adulthood Ann Hum Biol, 44(3), 252-260	Intervention/exposure vs comparator
181	Girard, L. C.,Doyle, O.,Tremblay, R. E. (2017). Breastfeeding, Cognitive and Noncognitive Development in Early Childhood: A Population Study Pediatrics, 139(4), #Pages#	Outcome
182	Girard, L. C.,Farkas, C. (2019). Breastfeeding and behavioural problems: Propensity score matching with a national cohort of infants in Chile BMJ Open, 9(2), e025058	Outcome
183	Girard, L. C.,Tremblay, R. E.,Nagin, D.,Cote, S. M. (2019). Development of Aggression Subtypes from Childhood to Adolescence: a Group-Based Multi-Trajectory Modelling Perspective J Abnorm Child Psychol, 47(5), 825-838	Intervention/exposure vs comparator, Outcome
184	Girard, Lisa-Christine,Doyle, Orla,Tremblay, Richard E. (2018). Breastfeeding and externalising problems: a quasi-experimental design with a national cohort European Child & Adolescent Psychiatry, 27(7), 877-884	Outcome
185	Godleski, S. A.,Shisler, S.,Eiden, R. D.,Huestis, M. A. (2018). Co-use of tobacco and marijuana during pregnancy: Pathways to externalizing behavior problems in early childhood Neurotoxicol Teratol, 69(#issue#), 39-48	Study design, Intervention/exposure vs comparator, Outcome
186	Goetz, A. R.,Mara, C. A.,Stark, L. J. (2018). Greater Breastfeeding in Early Infancy Is Associated with Slower Weight Gain among High Birth Weight Infants J Pediatr, 201(#issue#), 27-33.e4	Outcome
187	Golding, J.,Gregory, S.,Ellis, G.,Nunes, T.,Bryant, P.,Iles-Caven, Y.,Nowicki, S. (2019). Maternal Prenatal External Locus of Control and Reduced Mathematical and Science Abilities in Their Offspring: A Longitudinal Birth Cohort Study Front Psychol, 10(#issue#), 194	Intervention/exposure vs comparator
188	Golding, J.,Iles-Caven, Y.,Ellis, G.,Gregory, S.,Nowicki, S. (2019). The relationship between parental locus of control and adolescent obesity: a longitudinal pre-birth cohort Int J Obes (Lond), 43(4), 724-734	Intervention/exposure vs comparator
189	Goldsmith, A. J.,Koplin, J. J.,Lowe, A. J.,Tang, M. L.,Matheson, M. C.,Robinson, M.,Peters, R.,Dharmage, S. C.,Allen, K. J. (2016). Formula and breast feeding in infant food allergy: A population-based study J Paediatr Child Health, 52(4), 377-84	Study design
190	Goncalves, V. S. S.,Silva, S. A.,Andrade, R. C. S.,Spaniol, A. M.,Nilson, E. A. F.,Moura, I. F. (2019). Food intake and underweight markers in children under 6 months old monitored via the Food and Nutrition Surveillance System, Brazil, 2015 Epidemiol Serv Saude, 28(2), e2018358	Language, Study design
191	Gorohi, F.,Shiemorteza, M.,Nori, M. M. (2018). Comparison of height, weight and head circumference index and the incidence of infectious and gastrointestinal diseases in breast-fed and formula-fed infants at 0 to 1 year old in Bu-Ali Sina Hospital Biomedical and Pharmacology Journal, 11(3), 1717-1730	OutcomeStudy design
192	Grace, T.,Oddy, W.,Bulsara, M.,Hands, B. (2017). Breastfeeding and motor development: A longitudinal cohort study Hum Mov Sci, 51(#issue#), 9-16	Intervention/exposure vs comparator
193	Graulau, R. E.,Banna, J.,Campos, M.,Gibby, C. L. K.,Palacios, C. (2019). Amount, Preparation and Type of Formula Consumed and Its Association with Weight Gain in Infants Participating in the WIC Program in Hawaii and Puerto Rico Nutrients, 11(3), #Pages#	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
194	Gridneva, Z.,Hepworth, A. R.,Ward, L. C.,Lai, C. T.,Hartmann, P. E.,Geddes, D. T. (2017). Determinants of body composition in breastfed infants using bioimpedance spectroscopy and ultrasound skinfolds-methods comparison Pediatr Res, 81(3), 423-433	Outcome
195	Gridneva, Z.,Kugananthan, S.,Rea, A.,Lai, C. T.,Ward, L. C.,Murray, K.,Hartmann, P. E.,Geddes, D. T. (2018). Human Milk Adiponectin and Leptin and Infant Body Composition over the First 12 Months of Lactation Nutrients, 10(8), #Pages#	Intervention/exposure vs comparator
196	Gridneva, Z.,Rea, A.,Hepworth, A. R.,Ward, L. C.,Lai, C. T.,Hartmann, P. E.,Geddes, D. T. (2018). Relationships between Breastfeeding Patterns and Maternal and Infant Body Composition over the First 12 Months of Lactation Nutrients, 10(1), #Pages#	Intervention/exposure vs comparator
197	Gridneva, Z.,Rea, A.,Tie, W. J.,Lai, C. T.,Kugananthan, S.,Ward, L. C.,Murray, K.,Hartmann, P. E.,Geddes, D. T. (2019). Carbohydrates in Human Milk and Body Composition of Term Infants during the First 12 Months of Lactation Nutrients, 11(7), #Pages#	Intervention/exposure vs comparator
198	Grillo, L. P.,Gigante, D. P.,Horta, B. L.,de Barros, F. C. (2016). Childhood stunting and the metabolic syndrome components in young adults from a Brazilian birth cohort study Eur J Clin Nutr, 70(5), 548-53	Intervention/exposure vs comparator
199	Grimshaw, K. E.,Bryant, T.,Oliver, E. M.,Martin, J.,Maskell, J.,Kemp, T.,Clare Mills, E. N.,Foote, K. D.,Margetts, B. M.,Beyer, K.,Roberts, G. (2015). Incidence and risk factors for food hypersensitivity in UK infants: results from a birth cohort study Clin Transl Allergy, 6(#issue#), 1	Outcome
200	Grip, T.,Dyrlund, T. F.,Ahonen, L.,Domellof, M.,Hernell, O.,Hyotylainen, T.,Knip, M.,Lonnerdal, B.,Oresic, M.,Timby, N. (2016). Serum lipid profile in infants fed formula supplemented with a bovine milk fat globule membrane fraction Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 676	Study design
201	Grip, T.,Dyrlund, T. S.,Ahonen, L.,Domellof, M.,Hernell, O.,Hyotylainen, T.,Knip, M.,Lonnerdal, B.,Oresic, M.,Timby, N. (2018). Serum, plasma and erythrocyte membrane lipidomes in infants fed formula supplemented with bovine milk fat globule membranes Pediatr Res, 84(5), 726-732	Intervention/exposure vs comparator
202	Grip, T.,Hernell, O.,Lonnerdal, B.,Domellof, M.,Timby, N. (2016). Plasma metabolome in infants fed formula supplemented with milk fat globule membranes Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 660	Study design
203	Grote, V.,Theurich, M.,Luque, V.,Gruszfeld, D.,Verduci, E.,Xhonneux, A.,Koletzko, B. (2018). Complementary Feeding, Infant Growth, and Obesity Risk: Timing, Composition, and Mode of Feeding Nestle Nutr Inst Workshop Ser, 89(#issue#), 93-103	Publication status
204	Gruszfeld, D.,Weber, M.,Gradowska, K.,Socha, P.,Grote, V.,Xhonneux, A.,Dain, E.,Verduci, E.,Riva, E.,Closa-Monasterolo, R.,Escribano, J.,Koletzko, B. (2016). Association of early protein intake and pre-peritoneal fat at five years of age: Follow-up of a randomized clinical trial Nutr Metab Cardiovasc Dis, 26(9), 824-32	Intervention/exposure vs comparator
205	Guerrero, A. D.,Mao, C.,Fuller, B.,Bridges, M.,Franke, T.,Kuo, A. A. (2016). Racial and Ethnic Disparities in Early Childhood Obesity: Growth Trajectories in Body Mass Index J Racial Ethn Health Disparities, 3(1), 129-37	Outcome
206	Gunderson, E. P.,Greenspan, L. C.,Faith, M. S.,Hurston, S. R.,Quesenberry, C. P., Jr. (2018). Breastfeeding and growth during infancy among offspring of mothers with gestational diabetes mellitus: a prospective cohort study Pediatr Obes, 13(8), 492-504	Intervention/exposure vs comparator
207	Gunnarsdottir, J.,Cnattingius, S.,Lundgren, M.,Selling, K.,Hogberg, U.,Wikstrom, A. K. (2018). Prenatal exposure to preeclampsia is associated with accelerated height gain in early childhood PLoS One, 13(2), e0192514	Intervention/exposure vs comparator
208	Gunnell, L.,Neher, J.,Safranek, S.,Guthmann, R. (2016). Does breastfeeding affect the risk of childhood obesity? Journal of Family Practice, 65(12), 931-932	Publication status
209	Gunnell, Lindsay,Neher, Jon,Safranek, Sarah (2016). Q / Does breastfeeding affect the risk of childhood obesity? Journal of Family Practice, 65(12), 931-932	Publication status

	Full texts screened	Reason for exclusion
210	Hakola, L.,Takkinen, H. M.,Niinisto, S.,Ahonen, S.,Nevalainen, J.,Veijola, R.,Ilonen, J.,Toppari, J.,Knip, M.,Virtanen, S. M. (2018). Infant Feeding in Relation to the Risk of Advanced Islet Autoimmunity and Type 1 Diabetes in Children With Increased Genetic Susceptibility: A Cohort Study Am J Epidemiol, 187(1), 34-44	Outcome
211	Halipchuk, J.,Temple, B.,Dart, A.,Martin, D.,Sellers, E. A. C. (2018). Prenatal, Obstetric and Perinatal Factors Associated With the Development of Childhood-Onset Type 2 Diabetes Can J Diabetes, 42(1), 71-77	Outcome
212	Han, D. H.,Shin, J. M.,An, S.,Kim, J. S.,Kim, D. Y.,Moon, S.,Kim, J. S.,Cho, J. S.,Kim, S. W.,Kim, Y. H.,Roh, H. J.,Shim, W. S.,Rha, K. S.,Kim, S. W.,Lee, S. S.,Kim, D. W.,Cho, K. S.,Yim, H. J.,Park, S. K.,Rhee, C. S. (2019). Long-term Breastfeeding in the Prevention of Allergic Rhinitis: Allergic Rhinitis Cohort Study for Kids (ARCO-Kids Study) Clin Exp Otorhinolaryngol, 12(3), 301-307	Outcome
213	Hand, S.,Jones, K.,Doull, I. (2016). Age of weaning and asthma and atopy in young adults European respiratory journal. Conference: european respiratory society annual congress 2016. United kingdom. Conference start: 20160903. Conference end: 20160907, 48(no pagination), #Pages#	Publication status
214	Hara, K.,Ikeda, K.,Hasegawa, T.,Koyama, Y.,Wada, Y. (2017). Serum 25-Hydroxyvitamin D3 levels of one-month-old term infants in Tokyo using liquid chromatography tandem mass spectrometry International journal of pediatric endocrinology. Conference: 9th biennial scientific meeting of the asia pacific paediatric endocrine society, APPES and the 50th annual meeting of the japanese society for pediatric endocrinology, JSPE. Japan, 2017(Supplement 1) (no pagination), #Pages#	Study design
215	Hara, K.,Ikeda, K.,Koyama, Y.,Wada, Y.,Hasegawa, T. (2018). Serum 25-hydroxyvitamin D3 levels of one-month-old term infants in Tokyo using liquid chromatography tandem mass spectrometry Acta Paediatrica, International Journal of Paediatrics, 107(3), 532-533	Study design
216	Harding, K. L.,Aguayo, V. M.,Webb, P. (2018). Birthweight and feeding practices are associated with child growth outcomes in South Asia Matern Child Nutr, 14 Suppl 4(#issue#), e12650	Study design Country
217	Harrison, Michelle,Brodribb, Wendy,Davies, Peter S. W.,Hepworth, Julie (2019). Relationships between parental feeding practices, infant weight concern, infant dietary behaviour and body weight: Findings from the Feeding A Baby (FAB) Study Obesity Research & Clinical Practice, 13(1), 86-86	Publication status
218	Hawkins, S. S.,Baum, C. F.,Rifas-Shiman, S. L.,Oken, E.,Taveras, E. M. (2019). Examining Associations between Perinatal and Postnatal Risk Factors for Childhood Obesity Using Sibling Comparisons Child Obes, 15(4), 254-261	Outcome
219	Hazell, T. J.,Gallo, S.,Vanstone, C. A.,Agellon, S.,Rodd, C.,Weiler, H. A. (2017). Vitamin D supplementation trial in infancy: body composition effects at 3 years of age in a prospective follow-up study from Montreal Pediatr Obes, 12(1), 38-47	Intervention/exposure vs comparator
220	Hazrati, S.,Khan, F.,Huddleston, K.,De La Cruz, F.,Deeken, J. F.,Fuller, A.,Wong, W. S. W.,Niederhuber, J. E.,Hourigan, S. K. (2019). Clinical and social factors associated with excess weight in Hispanic and non-Hispanic White children Pediatr Res, 85(3), 256-261	Study design, Intervention/exposure vs comparator
221	Heerman, W. J.,Sommer, E. C.,Slaughter, J. C.,Samuels, L. R.,Martin, N. C.,Barkin, S. L. (2019). Predicting Early Emergence of Childhood Obesity in Underserved Preschoolers J Pediatr, #volume#(#issue#), #Pages#	Outcome
222	Hellmuth, C.,Uhl, O.,Demmelmair, H.,Grunewald, M.,Auricchio, R.,Castillejo, G.,Korponay-Szabo, I. R.,Polanco, I.,Roca, M.,Vriezinga, S. L.,Werkstetter, K. J.,Koletzko, B.,Mearin, M. L.,Kirchberg, F. F. (2018). The impact of human breast milk components on the infant metabolism PLoS One, 13(6), e0197713	Intervention/exposure vs comparator
223	Herberth, G.,Pierzchalski, A.,Feltens, R.,Bauer, M.,Röder, S.,Olek, S.,Hinz, D.,Borte, M.,von Bergen, M.,Lehmann, I. (2017). Prenatal phthalate exposure associates with low regulatory T-cell numbers and atopic dermatitis in early childhood: Results from the LINA mother-child study Journal of Allergy and Clinical Immunology, 139(4), 1376-1379.e8	Outcome
224	Hewison, Martin,Wagner, Carol L.,Hollis, Bruce W.,Roth, Daniel E.,Gernand, Alison D.,Al Mahmud, Abdullah (2018). Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth #journal#, 379(#issue#), 1880-1881	Study design
225	Hirata, M.,Kusakawa, I.,Ohde, S.,Yamanaka, M.,Yoda, H. (2017). Risk factors of infant anemia in the perinatal period Pediatr Int, 59(4), 447-451	Study design

	Full texts screened	Reason for exclusion
226	Hisada, A.,Yoshinaga, J.,Zhang, J.,Kato, T.,Shiraishi, H.,Shimodaira, K.,Okai, T.,Ariki, N.,Komine, Y.,Shirakawa, M.,Noda, Y.,Kato, N. (2017). Maternal Exposure to Pyrethroid Insecticides during Pregnancy and Infant Development at 18 Months of Age Int J Environ Res Public Health, 14(1), #Pages#	Intervention/exposure vs comparator
227	Hoeke, H.,Roeder, S.,Mueller, A.,Bertsche, T.,Borte, M.,Rolle-Kampczyk, U.,von Bergen, M.,Wissenbach, D. K. (2016). Biomonitoring of prenatal analgesic intake and correlation with infantile anti-aeroallergens IgE Allergy, 71(6), 901-6	Outcome
228	Hoffman, D. R.,Harris, C. L.,Wampler, J. L.,Patterson, A. C.,Berseth, C. L. (2019). Growth, tolerance, and DHA and ARA status of healthy term infants receiving formula with two different ARA concentrations: Double-blind, randomized, controlled trial Prostaglandins Leukotrienes and Essential Fatty Acids, 146(#issue#), 19-27	Intervention/exposure vs comparator
229	Hohman, E. E.,Savage, J. S.,Birch, L. L.,Beiler, J. S.,Paul, I. M. (2018). Pacifier Use and Early Life Weight Outcomes in the Intervention Nurses Start Infants Growing on Healthy Trajectories Study Child Obes, 14(1), 58-66	Intervention/exposure vs comparator
230	Hohman, E. E.,Savage, J. S.,Paul, I. M.,Birch, L. L. (2016). INSIGHT study parenting intervention to prevent childhood obesity improves patterns of dietary exposures in infants FASEB journal, 30(#issue#), #Pages#	Publication status
231	Hojat, M.,Mogarab, V.,Jahromi, H. K. (2016). The study of growth differences of infants less than 6 months which have used breast milk and infant formula along with breast milk International Journal of Pharmaceutical Research and Allied Sciences, 5(4), 108-119	Study design
232	Holmsen, S. T.,Bakkebo, T.,Seferowicz, M.,Retterstol, K. (2017). Statins and breastfeeding in familial hypercholesterolaemia Tidsskr Nor Laegeforen, 137(10), 686-687	Outcome
233	Horodynski, M. A.,Pierce, S. J.,Reyes-Gastelum, D.,Olson, B.,Shattuck, M. (2017). Feeding Practices and Infant Growth: Quantifying the Effects of Breastfeeding Termination and Complementary Food Introduction on BMI z-Score Growth Velocity through Growth Curve Models Child Obes, 13(6), 490-498	Outcome
234	Horta, B. L.,Victora, C. G.,Franca, G. V. A.,Hartwig, F. P.,Ong, K. K.,Rolfe, E. L.,Magalhaes, E. I. S.,Lima, N. P.,Barros, F. C. (2018). Breastfeeding moderates FTO related adiposity: a birth cohort study with 30 years of follow-up Sci Rep, 8(1), 2530	Intervention/exposure vs comparator
235	Hu, C.,Duijts, L.,Erler, N. S.,Elbert, N. J.,Piketty, C.,Bourdes, V.,Blanchet-Rethore, S.,de Jongste, J. C.,Pasmans, Sgma,Felix, J. F.,Nijsten, T. (2019). Most associations of early-life environmental exposures and genetic risk factors poorly differentiate between eczema phenotypes: the Generation R Study Br J Dermatol, #volume#(#issue#), #Pages#	Outcome
236	Huang, J. G.,Chan, S. H.,Lee, L. Y. (2018). The Influence of Ethnicity on Exclusively Breast-Fed Infants' Anthropometry in a Multiethnic Asian Population Ann Acad Med Singapore, 47(6), 208-215	Outcome
237	Huang, J.,Vaughn, M. G.,Kremer, K. P. (2016). Breastfeeding and child development outcomes: an investigation of the nurturing hypothesis Matern Child Nutr, 12(4), 757-67	Outcome
238	Huang, J.,Zhang, Z.,Wu, Y.,Wang, Y.,Wang, J.,Zhou, L.,Ni, Z.,Hao, L.,Yang, N.,Yang, X. (2018). Early feeding of larger volumes of formula milk is associated with greater body weight or overweight in later infancy Nutr J, 17(1), 12	Intervention/exposure vs comparator
239	Huang, T.,Yue, Y.,Wang, H.,Zheng, J.,Chen, Z.,Chen, T.,Zhang, M.,Wang, S. (2019). Infant Breastfeeding and Behavioral Disorders in School-Age Children Breastfeed Med, 14(2), 115-120	Study design
240	Huang, X.,Chang, J.,Feng, W.,Xu, Y.,Xu, T.,Tang, H.,Wang, H.,Pan, X. (2016). Development of a New Growth Standard for Breastfed Chinese Infants: What Is the Difference from the WHO Growth Standards? PLoS One, 11(12), e0167816	Outcome
241	Huet, F.,Abrahamse-Berkeveld, M.,Tims, S.,Simeoni, U.,Beley, G.,Savagner, C.,Vandenplas, Y.,Hourihane, J. O. (2016). Partly Fermented Infant Formulae With Specific Oligosaccharides Support Adequate Infant Growth and Are Well-Tolerated J Pediatr Gastroenterol Nutr, 63(4), e43-53	Intervention/exposure vs comparator
242	Hui, L. L.,Kwok, M. K.,Nelson, E. A. S.,Lee, S. L.,Leung, G. M.,Schooling, C. M. (2018). The association of breastfeeding with insulin resistance at 17 years: Prospective observations from Hong Kong's "Children of 1997" birth cohort Matern Child Nutr, 14(1), #Pages#	Outcome

	Full texts screened	Reason for exclusion
243	Hui, L. L.,Kwok, M. K.,Nelson, E. A. S.,Lee, S. L.,Leung, G. M.,Schooling, C. M. (2019). Breastfeeding in Infancy and Lipid Profile in Adolescence Pediatrics, 143(5), #Pages#	Outcome
244	Hui, L. L.,Lam, H. S.,Lau, E. Y. Y.,Nelson, E. A. S.,Wong, T. W.,Fielding, R. (2016). Prenatal dioxin exposure and neurocognitive development in Hong Kong 11-year-old children Environ Res, 150(#issue#), 205-212	Outcome
245	Hui, L. L.,Lee, S. L.,Kwok, M. K.,Yu, C. W.,Schooling, C. M. (2018). Formula-feeding and the risk of type-2 diabetes mellitus among Hong Kong adolescents Hong Kong Med J, 24 Suppl 4(4), 20-23	Outcome
246	Hui, L. L.,Li, A. M.,Nelson, E. A. S.,Leung, G. M.,Lee, S. L.,Schooling, C. M. (2018). In utero exposure to gestational diabetes and adiposity: does breastfeeding make a difference? Int J Obes (Lond), 42(7), 1317-1325	Outcome
247	Hummel, S.,Beyerlein, A.,Tamura, R.,Uusitalo, U.,Andren Aronsson, C.,Yang, J.,Riikonen, A.,Lernmark, A.,Rewers, M. J.,Hagopian, W. A.,She, J. X.,Simell, O. G.,Toppari, J.,Ziegler, A. G.,Akolkar, B.,Krischer, J. P.,Virtanen, S. M.,Norris, J. M. (2017). First Infant Formula Type and Risk of Islet Autoimmunity in The Environmental Determinants of Diabetes in the Young (TEDDY) Study Diabetes Care, 40(3), 398-404	Outcome
248	Huynh, D.,Condo, D.,Gibson, R.,Muhlhausler, B.,Ryan, P.,Skeaff, S.,Makrides, M.,Zhou, S. J. (2017). Iodine status of postpartum women and their infants in Australia after the introduction of mandatory iodine fortification Br J Nutr, 117(12), 1656-1662	Study design, Intervention/exposure vs comparator
249	Iguacel, I.,Chung, A.,Gearon, E.,Moreno, L. A.,Peeters, A.,Backholer, K. (2018). Influence of early-life risk factors on socioeconomic inequalities in weight gain J Public Health (Oxf), 40(4), e447-e455	Intervention/exposure vs comparator
250	Iguacel, I.,Escartin, L.,Fernandez-Alvira, J. M.,Iglesia, I.,Labayen, I.,Moreno, L. A.,Samper, M. P.,Rodriguez, G. (2018). Early life risk factors and their cumulative effects as predictors of overweight in Spanish children Int J Public Health, 63(4), 501-512	Intervention/exposure vs comparator
251	Iguacel, I.,Fernandez-Alvira, J. M.,Labayen, I.,Moreno, L. A.,Samper, M. P.,Rodriguez, G. (2018). Social vulnerabilities as determinants of overweight in 2-, 4- and 6-year-old Spanish children Eur J Public Health, 28(2), 289-295	Intervention/exposure vs comparator
252	Iguacel, I.,Monje, L.,Cabero, M. J.,Moreno Aznar, L. A.,Samper, M. P.,Rodriguez-Palmero, M.,Rivero, M.,Rodriguez, G. (2019). Feeding patterns and growth trajectories in breast-fed and formula-fed infants during the introduction of complementary food Nutr Hosp, 36(4), 777-785	Intervention/exposure vs comparator
253	Isaacs, D. (2016). Hydrolysed formula not shown to prevent allergy J Paediatr Child Health, 52(8), 850-1	Publication status, Study design
254	Iszatt, N.,Stigum, H.,Govarts, E.,Murinova, L. P.,Schoeters, G.,Trnovec, T.,Legler, J.,Thomsen, C.,Koppen, G.,Eggesbo, M. (2016). Perinatal exposure to dioxins and dioxin-like compounds and infant growth and body mass index at seven years: A pooled analysis of three European birth cohorts Environ Int, 94(#issue#), 399-407	Intervention/exposure vs comparator
255	Jabakhanji, S. B.,Boland, F.,Ward, M.,Biesma, R. (2018). Body Mass Index Changes in Early Childhood J Pediatr, 202(#issue#), 106-114	Outcome
256	Jackson, D. B. (2016). Breastfeeding duration and offspring conduct problems: The moderating role of genetic risk Soc Sci Med, 166(#issue#), 128-136	Outcome
257	Jackson, D. B.,Beaver, K. M. (2016). The Association Between Breastfeeding Exposure and Duration, Neuropsychological Deficits, and Psychopathic Personality Traits in Offspring: The Moderating Role of 5HTTLPR Psychiatr Q, 87(1), 107-27	Outcome
258	Jansson, L. M.,Jordan, C. J.,Velez, M. L. (2018). Perinatal Marijuana Use and the Developing Child Jama, 320(6), 545-546	Publication status
259	Jardi, C.,Aranda, N.,Bedmar, C.,Arija, V. (2019). Excess nutritional risk in infants and toddlers in a Spanish city Int J Vitam Nutr Res, #volume#(#issue#), 1-11	Study design
260	Jardi, C.,Hernandez-Martinez, C.,Canals, J.,Arija, V.,Bedmar, C.,Voltas, N.,Aranda, N. (2018). Influence of breastfeeding and iron status on mental and psychomotor development during the first year of life Infant Behav Dev, 50(#issue#), 300-310	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
261	Jarvinen, K. M. (2018). Variations in Human Milk Composition: Impact on Immune Development and Allergic Disease Susceptibility Breastfeed Med, 13(S1), S11-s13	Study design
262	Jess, T.,Morgen, C. S.,Harpsoe, M. C.,Sorensen, T. I. A.,Ajslev, T. A.,Antvorskov, J. C.,Allin, K. H. (2019). Antibiotic use during pregnancy and childhood overweight: A population-based nationwide cohort study Sci Rep, 9(1), 11528	Intervention/exposure vs comparator
263	Jia, N.,Gu, G.,Zhao, L.,He, S.,Xiong, F.,Chai, Y.,Quan, L.,Hou, H.,Dai, Y. (2018). Longitudinal study of breastfeeding and growth in 0-6 month infants Asia Pac J Clin Nutr, 27(6), 1294-1301	Intervention/exposure vs comparator
264	Johansson, E. K.,Bergstrom, A.,Kull, I.,Lind, T.,Soderhall, C.,Melen, E.,Asad, S.,Bradley, M.,Lieden, A.,Ballardini, N.,Wahlgren, C. F. (2018). Prognosis of Preschool Eczema and Factors of Importance for Remission Acta Derm Venereol, 98(7), 630-635	Outcome
265	Johansson, U.,Öhlund, I.,Hernell, O.,Lönnerdal, B.,Lindberg, L.,Lind, T. (2019). Protein-reduced complementary foods based on nordic ingredients combined with systematic introduction of taste portions increase intake of fruits and vegetables in 9 month old infants: A randomised controlled trial Nutrients, 11(6), #Pages#	Intervention/exposure vs comparator
266	Jones, A. (2016). INTERGENERATIONAL EDUCATIONAL ATTAINMENT, FAMILY CHARACTERISTICS AND CHILD OBESITY J Biosoc Sci, 48(4), 557-76	Study design
267	Jonsson, K.,Barman, M.,Brekke, H. K.,Hesselmar, B.,Johansen, S.,Sandberg, A. S.,Wold, A. E. (2017). Late introduction of fish and eggs is associated with increased risk of allergy development - results from the FARMFLORA birth cohort Food Nutr Res, 61(1), 1393306	Outcome
268	Jonsson, K.,Barman, M.,Moberg, S.,Sjoberg, A.,Brekke, H. K.,Hesselmar, B.,Sandberg, A. S.,Wold, A. E. (2016). Serum fatty acids in infants, reflecting family fish consumption, were inversely associated with allergy development but not related to farm residence Acta Paediatr, 105(12), 1462-1471	Outcome
269	Joo, E. Y.,Kim, K. Y.,Kim, D. H.,Lee, J. E.,Kim, S. K. (2016). Iron deficiency anemia in infants and toddlers Blood Res, 51(4), 268-273	Intervention/exposure vs comparator, Participant health
270	Jose, Am- L.,Federico, L. V.,Gil-Campos, M.,Maldonado, J.,Flores, K.,Benavides, R.,Jaldo, R.,Jimenez, I.,Fonolla, J.,Olivares, M. (2016). Consumption of the human milk strain bifidobacterium breve cect7263 might improve symptoms of infant colic Journal of clinical gastroenterology, 50(#issue#), S226-	Study design
271	Kain, J.,Leyton, B.,Baur, L.,Lira, M.,Corvalán, C. (2019). Demographic, social and health-related variables that predict normal-weight preschool children having overweight or obesity when entering primary education in Chile Nutrients, 11(6), #Pages#	Confounders, Intervention/exposure vs comparator
272	Kajzer, J.,Oliver, J.,Marriage, B. (2016). Gastrointestinal tolerance of formula supplemented with oligosaccharides FASEB journal. Conference: experimental biology 2016, EB. San diego, CA united states. Conference start: 20160402. Conference end: 20160406. Conference publication: (var.pagings), 30(no pagination), #Pages#	Publication status
273	Kalhoff, H.,Kersting, M. (2016). Adequate iron supply in infants fed according to dietary guidelines? Journal of pediatric gastroenterology and nutrition, 62(#issue#), 873-	Publication status
274	Kalhoff, Hermann,Kersting, Mathilde (2017). Breastfeeding or formula feeding and iron status in the second 6 months of life: A critical role for complementary feeding #journal#, 187(#issue#), 333-333	Publication status
275	Kampouri, M.,Kyriklaki, A.,Roumeliotaki, T.,Koutra, K.,Anousaki, D.,Sarri, K.,Vassilaki, M.,Kogevinas, M.,Chatzi, L. (2018). Patterns of Early-Life Social and Environmental Exposures and Child Cognitive Development, Rhea Birth Cohort, Crete, Greece Child Dev, 89(4), 1063-1073	Outcome
276	Kanazawa, S.,Segal, N. L. (2017). Same-sex twins are taller and heavier than opposite-sex twins (but only if breastfed): Possible evidence for sex bias in human breast milk J Exp Child Psychol, 156(#issue#), 186-191	Outcome

	Full texts screened	Reason for exclusion
277	Kapoor, M.,Bird, J. A. (2017). Cow's milk protein is often tolerated by children with oat-induced FPIES Journal of Allergy and Clinical Immunology: In Practice, 5(2), 496-497	Outcome
278	Katsuragi, S.,Okamura, T.,Kokubo, Y.,Watanabe, M.,Higashiyama, A.,Ikeda, T.,Miyamoto, Y. (2019). The Perinatal Condition Around Birth and Cardiovascular Risk Factors in the Japanese General Population: The Suita Study Journal of atherosclerosis and thrombosis, #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
279	Kaul, P.,Bowker, S. L.,Savu, A.,Yeung, R. O.,Donovan, L. E.,Ryan, E. A. (2019). Association between maternal diabetes, being large for gestational age and breast-feeding on being overweight or obese in childhood Diabetologia, 62(2), 249-258	Intervention/exposure vs comparator
280	Kawai, E.,Takagai, S.,Takei, N.,Itoh, H.,Kanayama, N.,Tsuchiya, K. J. (2017). Maternal postpartum depressive symptoms predict delay in non-verbal communication in 14-month-old infants Infant Behav Dev, 46(#issue#), 33-45	Outcome
281	Kelly, E.,DunnGalvin, G.,Murphy, B. P.,O'B Hourihane J (2019). Formula supplementation remains a risk for cow's milk allergy in breast-fed infants Pediatr Allergy Immunol, #volume#(#issue#), #Pages#	Study design
282	Kerr, J. A.,Long, C.,Clifford, S. A.,Muller, J.,Gillespie, A. N.,Donath, S.,Wake, M. (2017). Early-life exposures predicting onset and resol of childhood overweight or obesity Archives of Disease in Childhood, 102(10), 922-929	Outcome
283	Kerr, J. A.,Long, C.,Clifford, S. A.,Muller, J.,Gillespie, A. N.,Donath, S.,Wake, M. (2017). Early-life exposures predicting onset and resolution of childhood overweight or obesity Arch Dis Child, 102(10), 915-922	Outcome
284	Kesztyüs, D.,Traub, M.,Lauer, R.,Kesztyüs, T.,Steinacker, J. M. (2016). Correlates of longitudinal changes in the waist-to-height ratio of primary school children: Implications for prevention Preventive Medicine Reports, 3(#issue#), 1-6	Outcome
285	Khatiwada, A.,Shoaibi, A.,Neelon, B.,Emond, J. A.,Benjamin-Neelon, S. E. (2018). Household chaos during infancy and infant weight status at 12 months Pediatr Obes, 13(10), 607-613	Intervention/exposure vs comparator, Outcome
286	Khatun, M.,Al Mamun, A.,Scott, J.,William, G. M.,Clavarino, A.,Najman, J. M. (2017). Do children born to teenage parents have lower adult intelligence? A prospective birth cohort study PLoS One, 12(3), e0167395	Outcome
287	Khodabakhshi, A.,Mehrad-Majd, H.,Vahid, F.,Safarian, M. (2018). Association of maternal breast milk and serum levels of macronutrients, hormones, and maternal body composition with infant's body weight Eur J Clin Nutr, 72(3), 394-400	Intervention/exposure vs comparator
288	Kim, H.,Kim, H.,Lee, E.,Kim, Y.,Ha, E. H.,Chang, N. (2017). Association between maternal intake of n-6 to n-3 fatty acid ratio during pregnancy and infant neurodevelopment at 6 months of age: results of the MOCEH cohort study Nutr J, 16(1), 23	Intervention/exposure vs comparator
289	Kim, Y. H.,Kim, K. W.,Lee, S. Y.,Koo, K. O.,Kwon, S. O.,Seo, J. H.,Suh, D. I.,Shin, Y. H.,Ahn, K.,Oh, S. Y.,Lee, S.,Sohn, M. H.,Hong, S. J. (2019). Maternal Perinatal Dietary Patterns Affect Food Allergy Development in Susceptible Infants J Allergy Clin Immunol Pract, #volume#(#issue#), #Pages#	Outcome
290	Kimura, Masahiko,Kurozawa, Youichi,Saito, Yumi,Watanabe, Hiroshi,Kobayashi, Ayame,Taketani, Takeshi (2018). High prevalence of anemia in 10-month-old breast-fed Japanese infants Pediatrics International, 60(7), 651-655	Study design
291	Kirchberg, F. F.,Hellmuth, C.,Totzauer, M.,Uhl, O.,Closa-Monasterolo, R.,Escribano, J.,Gruszfeld, D.,Gradowska, K.,Verduci, E.,Mariani, B.,Moretti, M.,Rousseaux, D.,Koletzko, B. (2019). Impact of infant protein supply and other early life factors on plasma metabolome at 5.5 and 8 years of age: a randomized trial Int J Obes (Lond), #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
292	Kishi, R.,Araki, A.,Minatoya, M.,Hanaoka, T.,Miyashita, C.,Itoh, S.,Kobayashi, S.,Ait Bamai, Y.,Yamazaki, K.,Miura, R.,Tamura, N.,Ito, K.,Goudarzi, H. (2017). The Hokkaido Birth Cohort Study on Environment and Children's Health: cohort profile-updated 2017 Environ Health Prev Med, 22(1), 46	Intervention/exposure vs comparator
293	Kjaer, T. W.,Faurholt-Jepsen, D.,Medrano, R.,Elwan, D.,Mehta, K.,Christensen, V. B.,Wojcicki, J. M. (2019). Higher Birthweight and Maternal Pre-pregnancy BMI Persist with Obesity Association at Age 9 in High Risk Latino Children J Immigr Minor Health, 21(1), 89-97	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
294	Kjellberg, E.,Roswall, J.,Bergman, S.,Strandvik, B.,Dahlgren, J. (2018). Serum n-6 and n-9 Fatty Acids Correlate With Serum IGF-1 and Growth Up to 4 Months of Age in Healthy Infants J Pediatr Gastroenterol Nutr, 66(1), 141-146	Intervention/exposure vs comparator
295	Klingberg, S.,Brekke, H. K.,Ludvigsson, J. (2019). Introduction of fish and other foods during infancy and risk of asthma in the All Babies In Southeast Sweden cohort study Eur J Pediatr, 178(3), 395-402	Outcome
296	Klopp, A.,Vehling, L.,Becker, A. B.,Subbarao, P.,Mandhane, P. J.,Turvey, S. E.,Lefebvre, D. L.,Sears, M. R.,Azad, M. B. (2017). Modes of Infant Feeding and the Risk of Childhood Asthma: A Prospective Birth Cohort Study J Pediatr, 190(#issue#), 192-199.e2	Outcome
297	Knip, M.,Akerblom, H. K.,Al Taji, E.,Becker, D.,Bruining, J.,Castano, L.,Danne, T.,de Beaufort, C.,Dosch, H. M.,Dupre, J.,Fraser, W. D.,Howard, N.,Ilonen, J.,Konrad, D.,Kordonouri, O.,Krischer, J. P.,Lawson, M. L.,Ludvigsson, J.,Madacsy, L.,Mahon, J. L.,Ormisson, A.,Palmer, J. P.,Pozzilli, P.,Savilahti, E.,Serrano-Rios, M.,Songini, M.,Taback, S.,Vaarala, O.,White, N. H.,Virtanen, S. M.,Wasikowa, R. (2018). Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes: The TRIGR Randomized Clinical Trial Jama, 319(1), 38-48	Intervention/exposure vs comparator
298	Koh, K. (2017). Maternal breastfeeding and children's cognitive development Soc Sci Med, 187(#issue#), 101-108	Study design, Intervention/exposure vs comparator
299	Korpela, K.,Salonen, A.,Virta, L. J.,Kekkonen, R. A.,de Vos, W. M. (2016). Association of Early-Life Antibiotic Use and Protective Effects of Breastfeeding: Role of the Intestinal Microbiota JAMA Pediatr, 170(8), 750-7	Study design
300	Kouwenhoven, S.,Antl, N.,Finken, M.,Van Der Beek, E.,Koletzko, B.,Van Goudoever, J. (2018). Safety of a modified, low protein infant formula in term infants; An RCT with a reference breastfed group Journal of pediatric gastroenterology and nutrition, 66(#issue#), 915-916	Publication status
301	Kramer, M. S.,Davies, N.,Oken, E.,Martin, R. M.,Dahhou, M.,Zhang, X.,Yang, S. (2018). Infant feeding and growth: putting the horse before the cart Am J Clin Nutr, 107(4), 635-639	Outcome
302	Kuniyoshi, Y.,Kikuya, M.,Matsubara, H.,Ishikuro, M.,Obara, T.,Kure, S.,Kuriyama, S. (2019). Association of Feeding Practice with Childhood Overweight and/or Obesity in Affected Areas Before and After the Great East Japan Earthquake Breastfeed Med, 14(6), 382-389	Intervention/exposure vs comparator
303	Kwok, M. K.,Schooling, C. M.,Subramanian, S. V.,Leung, G. M.,Kawachi, I. (2016). Pathways from parental educational attainment to adolescent blood pressure J Hypertens, 34(9), 1787-95	Intervention/exposure vs comparator
304	Lakshman, Rajalakshmi,Clifton, Emma A.,Ong, Ken K. (2017). Baby-Led Weaning--Safe and Effective but Not Preventive of Obesity JAMA Pediatrics, 171(9), 832-833	Publication status
305	Lambidou, M.,Alteheld, B.,Jochum, F.,Nomayo, A.,Stehle, P. (2016). Effect of high beta-palmitate infant formula supplemented with galacto-oligosaccharides on stool fatty acid soaps Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 879	Publication status Outcome
306	Larnkjaer, A.,Ong, K. K.,Carlsen, E. M.,Ejlerskov, K. T.,Molgaard, C.,Michaelsen, K. F. (2018). The Influence of Maternal Obesity and Breastfeeding on Infant Appetite- and Growth-Related Hormone Concentrations: The SKOT Cohort Studies Horm Res Paediatr, 90(1), 28-38	Intervention/exposure vs comparator
307	Larsson, M. W.,Lind, M. V.,Larnkjaer, A.,Due, A. P.,Blom, I. C.,Wells, J.,Lai, C. T.,Molgaard, C.,Geddes, D. T.,Michaelsen, K. F. (2018). Excessive Weight Gain Followed by Catch-Down in Exclusively Breastfed Infants: An Exploratory Study Nutrients, 10(9), #Pages#	Intervention/exposure vs comparator
308	Lauritzen, L.,Amundsen, I. D.,Damsgaard, C. T.,Lind, M. V.,Schnurr, T. M.,Hansen, T.,Michaelsen, K. F.,Vogel, U. (2019). FADS and PPARG2 Single Nucleotide Polymorphisms are Associated with Plasma Lipids in 9-Mo-Old Infants J Nutr, 149(5), 708-715	Study design

	Full texts screened	Reason for exclusion
309	Lauritzen, L.,Eriksen, S. E.,Hjorth, M. F.,Nielsen, M. S.,Olsen, S. F.,Stark, K. D.,Michaelsen, K. F.,Damsgaard, C. T. (2016). Maternal fish oil supplementation during lactation is associated with reduced height at 13 years of age and higher blood pressure in boys only British Journal of Nutrition, 116(12), 2082-2090	Intervention/exposure vs comparator
310	Laws, R. A.,Denney-Wilson, E. A.,Taki, S.,Russell, C. G.,Zheng, M.,Litterbach, E. K.,Ong, K. L.,Lymer, S. J.,Elliott, R.,Campbell, K. J. (2018). Key Lessons and Impact of the Growing Healthy mHealth Program on Milk Feeding, Timing of Introduction of Solids, and Infant Growth: Quasi-Experimental Study JMIR Mhealth Uhealth, 6(4), e78	Intervention/exposure vs comparator
311	Laws, Rachel,Litterbach, Eloise-Kate,Taki, Sarah,Russell, Georgina,Denney-Wilson, Elizabeth,Campbell, Karen (2019). Obesity prevention in infants: A qualitative study exploring the influence of the Growing healthy program on infant feeding behaviours Obesity Research & Clinical Practice, 13(1), 92-92	Publication status
312	Lee, H. R.,Shin, S.,Yoon, J. H.,Roh, E. Y.,Chang, J. Y. (2016). Reference Intervals of Hematology and Clinical Chemistry Analytes for 1-Year-Old Korean Children Ann Lab Med, 36(5), 481-8	Study design
313	Lee, H.,Park, H.,Ha, E.,Hong, Y. C.,Ha, M.,Park, H.,Kim, B. N.,Lee, B.,Lee, S. J.,Lee, K. Y.,Kim, J. H.,Jeong, K. S.,Kim, Y. (2016). Effect of Breastfeeding Duration on Cognitive Development in Infants: 3-Year Follow-up Study J Korean Med Sci, 31(4), 579-84	Outcome
314	Lee, I.,Bang, K. S.,Moon, H.,Kim, J. (2019). Risk Factors for Obesity Among Children Aged 24 to 80 months in Korea: A Decision Tree Analysis J Pediatr Nurs, 46(#issue#), e15-e23	Intervention/exposure vs comparator
315	Lee, J. W.,Lee, M.,Lee, J.,Kim, Y. J.,Ha, E.,Kim, H. S. (2019). The Protective Effect of Exclusive Breastfeeding on Overweight/Obesity in Children with High Birth Weight J Korean Med Sci, 34(10), e85	Outcome
316	Lee, M. T.,Wu, C. C.,Ou, C. Y.,Chang, J. C.,Liu, C. A.,Wang, C. L.,Chuang, H.,Kuo, H. C.,Hsu, T. Y.,Chen, C. P.,Yang, K. D. (2017). A prospective birth cohort study of different risk factors for development of allergic diseases in offspring of non-atopic parents Oncotarget, 8(7), 10858-10870	Outcome
317	Lee, M.,Ha, M.,Hong, Y. C.,Park, H.,Kim, Y.,Kim, E. J.,Kim, Y.,Ha, E. (2019). Exposure to prenatal secondhand smoke and early neurodevelopment: Mothers and Children's Environmental Health (MOCEH) study Environ Health, 18(1), 22	Intervention/exposure vs comparator
318	Lee, S. H.,Weerasinghe, Wmsp,van der Werf, J. H. J. (2017). Genotype-environment interaction on human cognitive function conditioned on the status of breastfeeding and maternal smoking around birth Sci Rep, 7(1), 6087	Outcome
319	Lee, Y. A.,Cho, S. W.,Sung, H. K.,Kim, K.,Song, Y. S.,Moon, S. J.,Oh, J. W.,Ju, D. L.,Choi, S.,Song, S. H.,Cheon, G. J.,Park, Y. J.,Shin, C. H.,Park, S. K.,Jun, J. K.,Chung, J. K. (2018). Effects of Maternal Iodine Status during Pregnancy and Lactation on Maternal Thyroid Function and Offspring Growth and Development: A Prospective Study Protocol for the Ideal Breast Milk Cohort Endocrinol Metab (Seoul), 33(3), 395-402	Study design, Intervention/exposure vs comparator
320	Lee-Sarwar, K. A.,Kelly, R. S.,Lasky-Su, J.,Zeiger, R. S.,O'Connor, G. T.,Sandel, M. T.,Bacharier, L. B.,Beigelman, A.,Laranjo, N.,Gold, D. R.,Weiss, S. T.,Litonjua, A. A. (2019). Integrative analysis of the intestinal metabolome of childhood asthma J Allergy Clin Immunol, 144(2), 442-454	Intervention/exposure vs comparator
321	Lemcke, S.,Parner, E. T.,Bjerrum, M.,Thomsen, P. H.,Lauritsen, M. B. (2016). Early development in children that are later diagnosed with disorders of attention and activity: a longitudinal study in the Danish National Birth Cohort Eur Child Adolesc Psychiatry, 25(10), 1055-66	Outcome
322	Lemcke, S.,Parner, E. T.,Bjerrum, M.,Thomsen, P. H.,Lauritsen, M. B. (2018). EARLY REGULATION IN CHILDREN WHO ARE LATER DIAGNOSED WITH AUTISM SPECTRUM DISORDER. A LONGITUDINAL STUDY WITHIN THE DANISH NATIONAL BIRTH COHORT Infant Ment Health J, 39(2), 170-182	Confounders
323	Lentferink, Yvette E.,Elst, Marieke A. J.,Knibbe, Catherijne A. J.,van der Vorst, Marja M. J. (2017). Predictors of Insulin Resistance in Children versus Adolescents with Obesity Journal of Obesity, #volume#(#issue#), 1-7	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
324	Lepping, R. J.,Honea, R. A.,Martin, L. E.,Liao, K.,Choi, I. Y.,Lee, P.,Papa, V. B.,Brooks, W. M.,Shaddy, D. J.,Carlson, S. E.,Colombo, J.,Gustafson, K. M. (2019). Long-chain polyunsaturated fatty acid supplementation in the first year of life affects brain function, structure, and metabolism at age nine years Dev Psychobiol, 61(1), 5-16	Intervention/exposure vs comparator
325	Lertxundi, A.,Andiarena, A.,Martinez, M. D.,Ayerdi, M.,Murcia, M.,Estarlich, M.,Guxens, M.,Sunyer, J.,Julvez, J.,Ibarluzea, J. (2019). Prenatal exposure to PM2.5 and NO2 and sex-dependent infant cognitive and motor development Environ Res, 174(#issue#), 114-121	Intervention/exposure vs comparator
326	Leung, J. Y.,Kwok, M. K.,Leung, G. M.,Schooling, C. M. (2016). Breastfeeding and childhood hospitalizations for asthma and other wheezing disorders Ann Epidemiol, 26(1), 21-7.e1-3	Already included in P/B24 search
327	Li, Y.,Mu, Z.,Wang, H.,Liu, J.,Jiang, F. (2018). The role of particulate matters on methylation of IFN-gamma and IL-4 promoter genes in pediatric allergic rhinitis Oncotarget, 9(25), 17406-17419	Outcome
328	Liao, K.,McCandliss, B. D.,Carlson, S. E.,Colombo, J.,Shaddy, D. J.,Kerling, E. H.,Lepping, R. J.,Sittiprapaporn, W.,Cheatham, C. L.,Gustafson, K. M. (2017). Event-related potential differences in children supplemented with long-chain polyunsaturated fatty acids during infancy Dev Sci, 20(5), #Pages#	Intervention/exposure vs comparator
329	Libuda, L.,Hilbig, A.,Berber-Al-Tawil, S.,Kalhoff, H.,Kersting, M. (2018). Association between full breastfeeding, timing of complementary food introduction, and iron status in infancy in Germany: results of a secondary analysis of a randomized trial Eur J Nutr, 57(2), 523-531	Intervention/exposure vs comparator
330	Lichtman-Sadot, S.,Bell, N. P. (2017). Child Health in Elementary School Following California's Paid Family Leave Program J Policy Anal Manage, 36(4), 790-827	Intervention/exposure vs comparator
331	Lifschitz, C. (2016). Can we do something in early life to reduce the risk of obesity? Iranian journal of neonatology, 7(2), 16-19	Study design
332	Lind, Mads V.,Larnkjær, Anni,Mølgaard, Christian,Michaelsen, Kim F. (2017). Early Nutrition and Its Effect on Growth, Body Composition, and Later Obesity World Review of Nutrition & Dietetics, 116(#issue#), 118-133	Publication status, Study design
333	Liotto, N.,Orsi, A.,Menis, C.,Piemontese, P.,Morlacchi, L.,Condello, C. C.,Gianni, M. L.,Roggero, P.,Mosca, F. (2018). Clinical evaluation of two different protein content formulas fed to full-term healthy infants: a randomized controlled trial BMC Pediatr, 18(1), 59	Confounders
334	Little, C.,Blattner, C. M.,Young, J., 3rd (2017). Update: Can breastfeeding and maternal diet prevent atopic dermatitis? Dermatol Pract Concept, 7(3), 63-65	Study design
335	Liu, J. X.,Xu, X.,Liu, J. H.,Hardin, J. W.,Li, R. (2018). Association of maternal gestational weight gain with their offspring's anthropometric outcomes at late infancy and 6 years old: mediating roles of birth weight and breastfeeding duration Int J Obes (Lond), 42(1), 8-14	Outcome
336	Liu, J.,Liu, J.,Frongillo, E. A., Jr.,Boghossian, N. S.,Cai, B.,Zhou, H.,Hazlett, L. J. (2019). Body mass index trajectories during the first year of life and their determining factors Am J Hum Biol, 31(1), e23188	Outcome
337	Liu, Q.,Wang, W.,Jing, W. (2019). Indoor air pollution aggravates asthma in Chinese children and induces the changes in serum level of miR-155 Int J Environ Health Res, 29(1), 22-30	Outcome
338	Logan, C. A.,Brandt, S.,Wabitsch, M.,Brenner, H.,Wiens, F.,Stahl, B.,Marosvolgyi, T.,Decsi, T.,Rothenbacher, D.,Genuneit, J. (2017). New approach shows no association between maternal milk fatty acid composition and childhood wheeze or asthma Allergy, 72(9), 1374-1383	Outcome
339	Logan, C. A.,Weiss, J. M.,Koenig, W.,Stahl, B.,Carr, P. R.,Brenner, H.,Rothenbacher, D.,Genuneit, J. (2019). Soluble CD14 concentration in human breast milk and its potential role in child atopic dermatitis: Results of the Ulm Birth Cohort Studies Clin Exp Allergy, 49(2), 199-206	Outcome
340	Lonnerdal, B.,Kvistgaard, A. S.,Peerson, J. M.,Donovan, S. M.,Peng, Y. M. (2016). Growth, Nutrition, and Cytokine Response of Breast-fed Infants and Infants Fed Formula With Added Bovine Osteopontin J Pediatr Gastroenterol Nutr, 62(4), 650-7	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
341	Lossius, A. K.,Magnus, M. C.,Lunde, J.,Stordal, K. (2018). Prospective Cohort Study of Breastfeeding and the Risk of Childhood Asthma J Pediatr, 195(#issue#), 182-189.e2	Outcome
342	Love, T. M. T.,Thurston, S. W.,Davidson, P. W. (2017). Finding vulnerable subpopulations in the Seychelles Child Development Study: Effect modification with latent groups Statistical Methods in Medical Research, 26(2), 809-822	Intervention/exposure vs comparator
343	Luby, J. L.,Belden, A. C.,Whalen, D.,Harms, M. P.,Barch, D. M. (2016). Breastfeeding and Childhood IQ: The Mediating Role of Gray Matter Volume J Am Acad Child Adolesc Psychiatry, 55(5), 367-75	Outcome
344	Luecken, L. J.,Jewell, S. L.,MacKinnon, D. P. (2017). Maternal acculturation and the growth of impoverished Mexican American infants Obesity (Silver Spring), 25(2), 445-451	Intervention/exposure vs comparator
345	Lund-Blix, N. A.,Dydensborg Sander, S.,Stordal, K.,Nybo Andersen, A. M.,Ronningen, K. S.,Joner, G.,Skrivarhaug, T.,Njolstad, P. R.,Husby, S.,Stene, L. C. (2017). Infant Feeding and Risk of Type 1 Diabetes in Two Large Scandinavian Birth Cohorts Diabetes Care, 40(7), 920-927	Outcome
346	Lurbe, E.,Aguilar, F.,Alvarez, J.,Redon, P.,Torro, M. I.,Redon, J. (2018). Determinants of Cardiometabolic Risk Factors in the First Decade of Life: A Longitudinal Study Starting at Birth Hypertension, 71(3), 437-443	Outcome
347	M. R, Perkin,K, Logan,A, Tseng (2016). Randomized Trial of Introduction of Allergenic Food in Breast-Fed Infants Journal of Clinical Chiropractic Pediatrics, 15(3), 1331-1332	Outcome
348	Mannan, H. (2018). Early Infant Feeding of Formula or Solid Foods and Risk of Childhood Overweight or Obesity in a Socioeconomically Disadvantaged Region of Australia: A Longitudinal Cohort Analysis Int J Environ Res Public Health, 15(8), #Pages#	Intervention/exposure vs comparator
349	Marell Hesla, H.,Stenius, F.,Järnbert-Pettersson, H.,Alm, J. (2017). Allergy-related disease in relation to early life exposures—the ALADDIN birth cohort Journal of Allergy and Clinical Immunology, 139(2), 686-688	Publication status
350	Marques, R. C.,Abreu, L.,Bernardi, J. V.,Dorea, J. G. (2016). Traditional living in the Amazon: Extended breastfeeding, fish consumption, mercury exposure and neurodevelopment Ann Hum Biol, 43(4), 360-70	Outcome
351	Martens, P. J.,Shafer, L. A.,Dean, H. J.,Sellers, E. A.,Yamamoto, J.,Ludwig, S.,Heaman, M.,Phillips-Beck, W.,Prior, H. J.,Morris, M.,McGavock, J.,Dart, A. B.,Shen, G. X. (2016). Breastfeeding Initiation Associated With Reduced Incidence of Diabetes in Mothers and Offspring Obstet Gynecol, 128(5), 1095-1104	Outcome
352	Martens, Patricia J.,Shafer, Leigh Anne,Dean, Heather,Sellers, Elizabeth,Yamamoto, Jennifer,Ludwig, Sora,Heaman, Maureen,Phillips-Beck, Wanda,Prior, Heather,Morris, Magaret,McGavock, Jonathan,Dart, Allison,Shen, Garry (2016). 53 - Breastfeeding Initiation Associated with Reduced Incidence of Diabetes in Manitoba Canadian Journal of Diabetes, 40(#issue#), S18-S18	Outcome
353	Martin, C. R. (2019). Breast Milk Lipidomics: Insights to Infant Health Requirements and Targeted Strategies for the Vulnerable Breastfeed Med, 14(S1), S13-s14	Study design
354	Martin, R. M.,Kramer, M. S.,Patel, R.,Rifas-Shiman, S. L.,Thompson, J.,Yang, S.,Vilchuck, K.,Bogdanovich, N.,Hameza, M.,Tilling, K.,Oken, E. (2017). Effects of Promoting Long-term, Exclusive Breastfeeding on Adolescent Adiposity, Blood Pressure, and Growth Trajectories: A Secondary Analysis of a Randomized Clinical Trial JAMA Pediatr, 171(7), e170698	Outcome
355	Mascheretti, S.,Trezzi, V.,Giorda, R.,Boivin, M.,Plourde, V.,Vitaro, F.,Brendgen, M.,Dionne, G.,Marino, C. (2017). Complex effects of dyslexia risk factors account for ADHD traits: evidence from two independent samples J Child Psychol Psychiatry, 58(1), 75-82	Outcome
356	Massion, S.,Wickham, S.,Pearce, A.,Barr, B.,Law, C.,Taylor-Robinson, D. (2016). Exploring the impact of early life factors on inequalities in risk of overweight in UK children: findings from the UK Millennium Cohort Study Arch Dis Child, 101(8), 724-30	Outcome
357	Mastroeni, M. F.,Mastroeni, Ssbs,Czarnobay, S. A.,Ekwaru, J. P.,Loehr, S. A.,Veugelers, P. J. (2017). Breast-feeding duration for the prevention of excess body weight of mother-child pairs concurrently: a 2-year cohort study Public Health Nutr, 20(14), 2537-2548	Outcome

	Full texts screened	Reason for exclusion
358	Matro, R.,Martin, C. F.,Wolf, D.,Shah, S. A.,Mahadevan, U. (2018). Exposure Concentrations of Infants Breastfed by Women Receiving Biologic Therapies for Inflammatory Bowel Diseases and Effects of Breastfeeding on Infections and Development Gastroenterology, 155(3), 696-704	Confounders, Intervention/exposure vs comparator
359	McCallister, M.,Medrano, R.,Wojcicki, J. (2018). Early life obesity increases the risk for asthma in San Francisco born Latina girls Allergy Asthma Proc, 39(4), 273-280	Intervention/exposure vs comparator
360	McCarthy, E. K.,ní Chaoimh, C.,Hourihane, J. O. B.,Kenny, L. C.,Irvine, A. D.,Murray, D. M.,Kiely, M. (2017). Iron intakes and status of 2-year-old children in the Cork BASELINE Birth Cohort Study Maternal and Child Nutrition, 13(3), #Pages#	Study design, Intervention/exposure vs comparator
361	McIntyre, L. M.,Griffen, A. M.,BrintzenhofeSzoc, K. (2018). Breast Is Best . . . Except When It's Not J Hum Lact, 34(3), 575-580	Study design
362	McKinlay, C.,Okesene-Gafa, K.,Taylor, R.,Wall, C.,Rush, E.,McCowan, M.,Thompson, J.,Crowther, C.,McCowan, L. (2019). Dietary intervention and/or probiotic capsules in obese pregnant women and infant growth and feeding at 5 months: healthy mums and babies (humba) trial Journal of paediatrics and child health, 55(#issue#), 35-	Publication status
363	McLeod, G. F.,Fergusson, D. M.,Horwood, L. J.,Boden, J. M.,Carter, F. A. (2018). Childhood predictors of adult adiposity: findings from a longitudinal study N Z Med J, 131(1472), 10-20	Intervention/exposure vs comparator
364	Mennella, J. A.,Inamdar, L.,Pressman, N.,Schall, J. I.,Papas, M. A.,Schoeller, D.,Stallings, V. A.,Trabulsi, J. C. (2018). Type of infant formula increases early weight gain and impacts energy balance: a randomized controlled trial Am J Clin Nutr, 108(5), 1015-1025	Intervention/exposure vs comparator
365	Mennella, J. A.,Trabulsi, J. C.,Papas, M. A. (2016). Effects of cow milk versus extensive protein hydrolysate formulas on infant cognitive development Amino Acids, 48(3), 697-705	Intervention/exposure vs comparator
366	Meyer, D. M.,Brei, C.,Stecher, L.,Much, D.,Brunner, S.,Hauner, H. (2019). Associations between long-chain PUFAs in maternal blood, cord blood, and breast milk and offspring body composition up to 5 years: follow-up from the INFAT study Eur J Clin Nutr, 73(3), 458-464	Intervention/exposure vs comparator
367	Michael, N.,Gupta, V.,Sadananthan, S. A.,Sampathkumar, A.,Chen, L.,Pan, H.,Tint, M. T.,Lee, K. J.,Loy, S. L.,Aris, I. M.,Shek, L. P.,Yap, F. K. P.,Godfrey, K. M.,Leow, M. K.,Lee, Y. S.,Kramer, M. S.,Henry, C. J.,Fortier, M. V.,Seng Chong, Y.,Gluckman, P. D.,Karnani, N.,Velan, S. S. (2019). Determinants of intramyocellular lipid accumulation in early childhood Int J Obes (Lond), #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
368	Michaliszyn, S. F.,Sjaarda, L. A.,Scifres, C.,Simhan, H.,Arslanian, S. A. (2017). Maternal excess gestational weight gain and infant waist circumference: a 2-y observational study Pediatr Res, 81(1-1), 63-67	Confounders, Intervention/exposure vs comparator
369	Michaliszyn, Sara F.,Sjaarda, Lindsey A.,Scifres, Christina,Simhan, Hyagriv,Arslanian, Silva A. (2016). Maternal excess gestational weight gain and infant waist circumference: a 2-y observational study Pediatric Research, #volume#(#issue#), N.PAG-N.PAG	Intervention/exposure vs comparator
370	Michels, K. A.,Ghassabian, A.,Mumford, S. L.,Sundaram, R.,Bell, E. M. (2018). Breastfeeding and motor development in term and preterm infants in a longitudinal US cohort Journal of Clinical Chiropractic Pediatrics, 17(2), 1467-1467	Intervention/exposure vs comparator
371	Michels, K. A.,Ghassabian, A.,Mumford, S. L.,Sundaram, R.,Bell, E. M.,Bello, S. C.,Yeung, E. H. (2017). Breastfeeding and motor development in term and preterm infants in a longitudinal US cohort Am J Clin Nutr, 106(6), 1456-1462	Intervention/exposure vs comparator
372	Michie, C. (2016). How to reduce the risks associated with Vitamin D self-supplementation Clinical Pharmacist, 8(5), #Pages#	Publication status
373	Mihalopoulos, N. L.,Urban, B. M.,Metos, J. M.,Balch, A. H.,Young, P. C.,Jordan, K. C. (2017). Breast-feeding, Leptin:Adiponectin Ratio, and Metabolic Dysfunction in Adolescents with Obesity South Med J, 110(5), 347-352	Study design, Participant health
374	Miklavcic, J. J.,Larsen, B. M.,Mazurak, V. C.,Scalabrin, D. M.,MacDonald, I. M.,Shoemaker, G. K.,Casey, L.,Van Aerde, J. E.,Clandinin, M. T. (2017). Reduction of Arachidonate Is Associated With Increase in B-Cell Activation Marker in Infants: A Randomized Trial J Pediatr Gastroenterol Nutr, 64(3), 446-453	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
375	Minchin, M. (2016). Still LEAPing to wrong conclusions? Breastfeed Rev, 24(2), 7-10	Outcome
376	Modrek, S.,Basu, S.,Harding, M.,White, J. S.,Bartick, M. C.,Rodriguez, E.,Rosenberg, K. D. (2017). Does breastfeeding duration decrease child obesity? An instrumental variables analysis Pediatr Obes, 12(4), 304-311	Outcome
377	Mohamad, M.,Loy, S. L.,Lim, P. Y.,Wang, Y.,Soo, K. L.,Mohamed, H. J. J. (2018). Maternal Serum and Breast Milk Adiponectin: The Association with Infant Adiposity Development Int J Environ Res Public Health, 15(6), #Pages#	Intervention/exposure vs comparator
378	Moore, Alison (2019). The role of breastmilk in body composition World of Irish Nursing & Midwifery, 27(5), 59-59	Publication status
379	Moore, B. F.,Sauder, K. A.,Starling, A. P.,Ringham, B. M.,Glueck, D. H.,Dabelea, D. (2017). Exposure to secondhand smoke, exclusive breastfeeding and infant adiposity at age 5 months in the Healthy Start study Pediatr Obes, 12 Suppl 1(#issue#), 111-119	Study design, Intervention/exposure vs comparator
380	Morgen, C. S.,Angquist, L.,Baker, J. L.,Andersen, A. N.,Sorensen, T. I. A.,Michaelsen, K. F. (2018). Breastfeeding and complementary feeding in relation to body mass index and overweight at ages 7 and 11 y: a path analysis within the Danish National Birth Cohort Am J Clin Nutr, 107(3), 313-322	Outcome
381	Morris, Alan (2018). Risk factors: Breastfeeding reduces risk of type 2 diabetes mellitus Nature Reviews Endocrinology, 14(3), 128-128	Study design
382	Moschonis, G.,de Lauzon-Guillain, B.,Jones, L.,Oliveira, A.,Lambrinou, C. P.,Damianidi, L.,Lioret, S.,Moreira, P.,Lopes, C.,Emmett, P.,Charles, M. A.,Manios, Y. (2017). The effect of early feeding practices on growth indices and obesity at preschool children from four European countries and UK schoolchildren and adolescents Eur J Pediatr, 176(9), 1181-1192	Outcome
383	Mukherjee, N.,Sutter, T. R.,Arshad, S. H.,Holloway, J. W.,Zhang, H.,Karmaus, W. (2018). Breastfeeding duration modifies the effect of smoking during pregnancy on eczema from early childhood to adolescence Clinical and Experimental Allergy, 48(12), 1688-1697	Outcome
384	Munhoz, T. N.,Santos, I. S.,Karam, S. M.,Martines, J.,Pelto, G.,Barcelos, R.,Goncalves, H.,Valle, N. C.,Anselmi, L.,Matijasevich, A. (2017). Effect of childhood nutrition counselling on intelligence in adolescence: a 15-year follow-up of a cluster-randomised trial Public Health Nutr, 20(11), 2034-2041	Outcome
385	Musaad, S. M.,Donovan, S. M.,Fiese, B. H. (2016). The Independent and Cumulative Effect of Early Life Risk Factors on Child Growth: A Preliminary Report Child Obes, 12(3), 193-201	Intervention/exposure vs comparator
386	Naik, P.,Faridi, M. M. A.,Batra, P.,Madhu, S. V. (2017). Oral Supplementation of Parturient Mothers with Vitamin D and Its Effect on 25OHD Status of Exclusively Breastfed Infants at 6 Months of Age: A Double-Blind Randomized Placebo Controlled Trial Breastfeed Med, 12(10), 621-628	Country
387	Nakano, S.,Suzuki, M.,Minowa, K.,Hirai, S.,Takubo, N.,Sakamoto, Y.,Ishijima, M.,Hoshino, E.,Tokita, A.,Shimizu, T. (2018). Current Vitamin D Status in Healthy Japanese Infants and Young Children J Nutr Sci Vitaminol (Tokyo), 64(2), 99-105	Study design
388	Nascimento, Jxpt,Ribeiro, C. C. C.,Batista, R. F. L.,de Britto Alves, Mtss,Simoes, V. M. F.,Padilha, L. L.,Cardoso, V. C.,Vianna, E. O.,Bettiol, H.,Barbieri, M. A.,Silva, Aamd (2017). The First 1000 Days of Life Factors Associated with "Childhood Asthma Symptoms": Brisa Cohort, Brazil Sci Rep, 7(1), 16028	Outcome
389	Navarrete, M. A.,Silva, J. R.,Van Ijzendoorn, M. H.,Carcamo, R. A. (2018). Physical and psychosocial development of Mapuche and nonindigenous Chilean toddlers: A modest role of ethnicity Dev Psychopathol, 30(5), 1959-1976	Outcome
390	Nazeri, P. (2018). Lactating mothers and infants residing in an area with effective salt iodization program have no need for iodine supplements: results from a doubleblind, placebo-controlled, randomized clinical trial Breastfeeding medicine. Conference: 19th international society for research in human milk and lactation conference, ISRHML 2018. Japan, 13(7), A12-A13	Intervention/exposure vs comparator
391	Nazeri, P.,Mirmiran, P.,Tahmasebinejad, Z.,Hedayati, M.,Delshad, H.,Azizi, F. (2017). The Effects of Iodine Fortified Milk on the Iodine Status of Lactating Mothers and Infants in an Area with a Successful Salt Iodization Program: A Randomized Controlled Trial Nutrients, 9(2), #Pages#	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
392	Nazeri, P.,Tahmasebinejad, Z.,Mehrabi, Y.,Hedayati, M.,Mirmiran, P.,Azizi, F. (2018). Lactating Mothers and Infants Residing in an Area with an Effective Salt Iodization Program Have No Need for Iodine Supplements: Results from a Double-Blind, Placebo-Controlled, Randomized Controlled Trial Thyroid, 28(11), 1547-1558	Intervention/exposure vs comparator
393	Newman, K.,O'Donovan, K.,Bear, N.,Robertson, A.,Mutch, R.,Cherian, S. (2019). Nutritional assessment of resettled paediatric refugees in Western Australia J Paediatr Child Health, 55(5), 574-581	Study design
394	Niinisto, S.,Takkinen, H. M.,Erlund, I.,Ahonen, S.,Toppari, J.,Ilonen, J.,Veijola, R.,Knip, M.,Vaarala, O.,Virtanen, S. M. (2017). Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity Diabetologia, 60(7), 1223-1233	Intervention/exposure vs comparator
395	Nobre, L. N.,Lessa, A. D. (2016). Influence of breastfeeding in the first months of life on blood pressure levels of preschool children J Pediatr (Rio J), 92(6), 588-594	Outcome
396	Norman, M. (2017). Breastfeeding and outcome Acta Paediatrica, International Journal of Paediatrics, 106(3), 516	Publication status
397	Nowicki, S.,Gregory, S.,Iles-Caven, Y.,Ellis, G.,Golding, J. (2018). Early Home-Life Antecedents of Children's Locus of Control Front Psychol, 9(#issue#), 2032	Outcome
398	Odar Stough, C.,Bolling, C.,Zion, C.,Stark, L. J. (2018). Comparison of High and Normal Birth Weight Infants on Eating, Feeding Practices, and Subsequent Weight Matern Child Health J, 22(12), 1805-1814	Intervention/exposure vs comparator
399	O'Donovan, S. M.,O'B Hourihane J,Murray, D. M.,Kenny, L. C.,Khashan, A. S.,Chaoimh, C. N.,Irvine, A. D.,Kiely, M. (2016). Neonatal adiposity increases the risk of atopic dermatitis during the first year of life J Allergy Clin Immunol, 137(1), 108-117	Outcome
400	Ohlendorf, J. M.,Robinson, K.,Garnier-Villarreal, M. (2019). The impact of maternal BMI, gestational weight gain, and breastfeeding on early childhood weight: Analysis of a statewide WIC dataset Prev Med, 118(#issue#), 210-215	Study design, Intervention/exposure vs comparator
401	Olaya, G. A.,Lawson, M.,Fewtrell, M. (2017). Iron Status at Age 6 Months in Colombian Infants Exclusively Breast-fed for 4 to 5 Versus 6 Months J Pediatr Gastroenterol Nutr, 64(3), 465-471	Intervention/exposure vs comparator
402	Olaya, G.,Buitrago, M. F.,Fewtrell, M. (2018). Randomised trial testing new complementary feeding guidelines: effects on food consumption and growth at 6 years of age Journal of pediatric gastroenterology and nutrition, 66(#issue#), 1160-	Publication status
403	Olson, J. S.,Hayward, M. D. (2017). Breastfeeding, overweight status, and inflammation Soc Sci Res, 64(#issue#), 226-236	Intervention/exposure vs comparator, Outcome
404	Oppenheimer, J. J.,Marshall, G. D. (2017). Increasing our knowledge base of asthma Annals of Allergy, Asthma and Immunology, 119(6), 476-479	Publication status
405	Orengul, A. C.,Tarakcioglu, M. C.,Gormez, V.,Akkoyun, S.,Zorlu, A.,Aliyeva, N.,Uzuner, S.,Caliskan, Y.,Bikmazer, A. (2019). Duration of Breastfeeding, Bottle-Feeding, and Parafunctional Oral Habits in Relation to Anxiety Disorders Among Children Breastfeed Med, 14(1), 57-62	Study design
406	Oropeza-Ceja, L. G.,Rosado, J. L.,Ronquillo, D.,Garcia, O. P.,Caamano, M. D. C.,Garcia-Ugalde, C.,Viveros-Contreras, R.,Duarte-Vazquez, M. A. (2018). Lower Protein Intake Supports Normal Growth of Full-Term Infants Fed Formula: A Randomized Controlled Trial Nutrients, 10(7), #Pages#	Intervention/exposure vs comparator
407	Ortega-Garcia, J. A.,Kloosterman, N.,Alvarez, L.,Tobarra-Sanchez, E.,Carceles-Alvarez, A.,Pastor-Valero, R.,Lopez-Hernandez, F. A.,Sanchez-Solis, M.,Claudio, L. (2018). Full Breastfeeding and Obesity in Children: A Prospective Study from Birth to 6 Years Child Obes, 14(5), 327-337	Outcome
408	Ortelan, N.,Augusto, R. A.,Souza, J. M. P. (2019). Factors associated with the evolution of weight of children in a supplementary feeding program Rev Bras Epidemiol, 22(#issue#), e190002	Intervention/exposure vs comparator
409	O'Sullivan, Siobhan (2018). Breastfeeding infants with type 1 diabetes World of Irish Nursing & Midwifery, 26(6), 63-64	Publication status

	Full texts screened	Reason for exclusion
410	Ou, X.,Andres, A.,Pivik, R. T.,Cleves, M. A.,Snow, J. H.,Ding, Z.,Badger, T. M. (2016). Voxel-Based Morphometry and fMRI Revealed Differences in Brain Gray Matter in Breastfed and Milk Formula-Fed Children AJNR Am J Neuroradiol, 37(4), 713-9	Already excluded from P/B24 search
411	Owen, C. G.,Oken, E.,Rudnicka, A. R.,Patel, R.,Thompson, J.,Rifas-Shiman, S. L.,Vilchuck, K.,Bogdanovich, N.,Hameza, M.,Kramer, M. S.,Martin, R. M. (2018). The effect of longer-term and exclusive breastfeeding promotion on visual outcome in adolescence Investigative Ophthalmology and Visual Science, 59(7), 2670-2678	Outcome
412	Owora, A. H.,Becker, A. B.,Chan-Yeung, M.,Chan, E. S.,Chooniedass, R.,Ramsey, C.,Watson, W. T. A.,Azad, M. B. (2018). Wheeze trajectories are modifiable through early-life intervention and predict asthma in adolescence Pediatr Allergy Immunol, 29(6), 612-621	Outcome
413	Ozcan, A.,Kendirci, M.,Kondolot, M.,Kardas, F.,Akin, L. (2017). Evaluation of vitamin D prophylaxis in 3-36-month-old infants and children J Pediatr Endocrinol Metab, 30(5), 543-549	Study design
414	Panagiotopoulos, C.,Hadjiyannakis, S.,Henderson, M. (2018). Type 2 Diabetes in Children and Adolescents Canadian Journal of Diabetes, 42(#issue#), S247-S254	Study design
415	Pang, W. W.,Tan, P. T.,Cai, S.,Fok, D.,Chua, M. C.,Lim, S. B.,Shek, L. P.,Chan, S. Y.,Tan, K. H.,Yap, F.,Gluckman, P. D.,Godfrey, K. M.,Meaney, M. J.,Broekman, B. F. P.,Kramer, M. S.,Chong, Y. S.,Rifkin-Graboi, A. (2019). Nutrients or nursing? Understanding how breast milk feeding affects child cognition Eur J Nutr, #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
416	Paolella, Giulia,Vajro, Pietro (2016). Childhood Obesity, Breastfeeding, Intestinal Microbiota, and Early Exposure to Antibiotics JAMA Pediatrics, 170(8), 735-737	Publication status
417	Park, A. L.,Tu, K.,Ray, J. G. (2017). Differences in growth of Canadian children compared to the WHO 2006 Child Growth Standards Paediatr Perinat Epidemiol, 31(5), 452-462	Intervention/exposure vs comparator
418	Park, S. H.,Ha, E.,Hong, Y. S.,Park, H. (2016). Serum Levels of Persistent Organic Pollutants and Insulin Secretion among Children Age 7-9 Years: A Prospective Cohort Study Environ Health Perspect, 124(12), 1924-1930	Outcome
419	Park, S. H.,Ha, E.,Hong, Y. S.,Park, H. (2016). Serum levels of persistent organic pollutants and insulin secretion among children age 7–9 years: A prospective cohort study Environmental Health Perspectives, 124(12), 1924-1930	Intervention/exposure vs comparator
420	Park, S. J.,Lee, H. J. (2018). Exclusive breastfeeding and partial breastfeeding reduce the risk of overweight in childhood: A nationwide longitudinal study in Korea Obes Res Clin Pract, 12(2), 222-228	Intervention/exposure vs comparator
421	Parkin, P. C.,DeGroot, J.,Maguire, J. L.,Birken, C. S.,Zlotkin, S. (2016). Severe iron-deficiency anaemia and feeding practices in young children Public Health Nutr, 19(4), 716-22	Study design, Intervention/exposure vs comparator
422	Parrino, C.,Vinciguerra, F.,La Spina, N.,Romeo, L.,Tumminia, A.,Baratta, R.,Squatrito, S.,Vigneri, R.,Frittitta, L. (2016). Influence of early-life and parental factors on childhood overweight and obesity J Endocrinol Invest, 39(11), 1315-1321	Study design, Intervention/exposure vs comparator
423	Patel, N.,Dalrymple, K. V.,Briley, A. L.,Pasupathy, D.,Seed, P. T.,Flynn, A. C.,Poston, L. (2018). Mode of infant feeding, eating behaviour and anthropometry in infants at 6-months of age born to obese women - a secondary analysis of the UPBEAT trial BMC Pregnancy Childbirth, 18(1), 355	Intervention/exposure vs comparator
424	Patel, N.,Godfrey, K. M.,Pasupathy, D.,Levin, J.,Flynn, A. C.,Hayes, L.,Briley, A. L.,Bell, R.,Lawlor, D. A.,Oteng-Ntim, E.,Nelson, S. M.,Robson, S. C.,Sattar, N.,Singh, C.,Wardle, J.,White, S. L.,Seed, P. T.,Poston, L. (2017). Infant adiposity following a randomised controlled trial of a behavioural intervention in obese pregnancy International Journal of Obesity, 41(7), 1018-1026	Intervention/exposure vs comparator
425	Pattemore, P. K.,Silvers, K. M.,Frampton, C. M.,Wickens, K.,Ingham, T.,Fishwick, D.,Crane, J.,Town, G. I.,Epton, M. J. (2018). Hair nicotine at 15 months old, tobacco exposure and wheeze or asthma from 15 months to 6 years old Pediatr Pulmonol, 53(4), 443-451	Outcome

	Full texts screened	Reason for exclusion
426	Patterson, A. C.,Maditz, K. H.,Harris, C.,Wampler, J.,Kirchoff, A.,Zissman, E.,Berseth, C. L. (2016). Growth and tolerance of a routine infant formula with an alternative DHA source fed to term infants FASEB journal. Conference: experimental biology 2016, EB. San diego, CA united states. Conference start: 20160402. Conference end: 20160406. Conference publication: (var.pagings), 30(no pagination), #Pages#	Publication status
427	Pattison, K. L.,Kraschnewski, J. L.,Lehman, E.,Savage, J. S.,Downs, D. S.,Leonard, K. S.,Adams, E. L.,Paul, I. M.,Kjerulff, K. H. (2019). Breastfeeding initiation and duration and child health outcomes in the first baby study Prev Med, 118(#issue#), 1-6	Outcome
428	Pattison, Krista L.,Kraschnewski, Jennifer L.,Lehman, Erik,Savage, Jennifer S.,Downs, Danielle Symons,Leonard, Krista S.,Adams, Elizabeth L.,Paul, Ian M.,Kjerulff, Kristen H. (2018). Breastfeeding initiation and duration and child health outcomes in the first baby study Preventive Medicine, 115(#issue#), N.PAG-N.PAG	Duplicate
429	Pauwels, S.,Symons, L.,Vanautgaerden, E. L.,Ghosh, M.,Duca, R. C.,Bekaert, B.,Freson, K.,Huybrechts, I.,Langie, S. A. S.,Koppen, G.,Devlieger, R.,Godderis, L. (2019). The Influence of the Duration of Breastfeeding on the Infant's Metabolic Epigenome Nutrients, 11(6), #Pages#	Confounders
430	Pennestri, M. H.,Laganiere, C.,Bouvette-Turcot, A. A.,Pokhvisneva, I.,Steiner, M.,Meaney, M. J.,Gaudreau, H. (2018). Uninterrupted Infant Sleep, Development, and Maternal Mood Pediatrics, 142(6), #Pages#	Intervention/exposure vs comparator
431	Penny, M. E.,Jimenez, M. M.,Marin, R. M. (2016). Early rapid weight gain and subsequent overweight and obesity in middle childhood in Peru BMC Obes, 3(#issue#), 55	Outcome
432	Perez-Gaxiola, G. (2016). Increased bottle size was associated with increased weight gain in infants Arch Dis Child Educ Pract Ed, 101(5), 280	Study design, Intervention/exposure vs comparator
433	Perkin, M. R.,Logan, K.,Tseng, A.,Raji, B.,Ayis, S.,Peacock, J.,Brough, H.,Marrs, T.,Radulovic, S.,Craven, J.,Flohr, C.,Lack, G. (2016). Randomized Trial of Introduction of Allergenic Foods in Breast-Fed Infants N Engl J Med, 374(18), 1733-43	Outcome
434	Peters, R. L.,Koplin, J. J.,Dharmage, S. C.,Tang, M. L. K.,McWilliam, V. L.,Gurrin, L. C.,Neeland, M. R.,Lowe, A. J.,Ponsonby, A. L.,Allen, K. J. (2019). Early Exposure to Cow's Milk Protein Is Associated with a Reduced Risk of Cow's Milk Allergic Outcomes J Allergy Clin Immunol Pract, 7(2), 462-470.e1	Outcome
435	Phelan, S.,Hagobian, T. A.,Ventura, A.,Brannen, A.,Erickson-Hatley, K.,Schaffner, A.,Muñoz-Christian, K.,Mercado, A.,Tate, D. F. (2019). 'Ripple' effect on infant zBMI trajectory of an internet-based weight loss program for low-income postpartum women Pediatric Obesity, 14(1), N.PAG-N.PAG	Intervention/exposure vs comparator
436	Philpott, L. (2017). Allergy aware Australian Journal of Pharmacy, 98(1165), 46-50	Publication status
437	Pihl, Andreas Friis,Fonvig, Cilius Esmann,Stjernholm, Theresa,Hansen, Torben,Pedersen, Oluf,Holm, Jens-Christian (2016). The Role of the Gut Microbiota in Childhood Obesity Childhood Obesity, 12(4), 292-299	Study design
438	Pivik, R. T.,Andres, A.,Bai, S.,Cleves, M. A.,Tennal, K. B.,Gu, Y.,Badger, T. M. (2016). Infant Diet-Related Changes in Syllable Processing Between 4 and 5 Months: Implications for Developing Native Language Sensitivity Dev Neuropsychol, 41(4), 215-230	Intervention/exposure vs comparator
439	Pivik, R. T.,Andres, A.,Tennal, K. B.,Gu, Y.,Downs, H.,Bellando, B. J.,Jarratt, K.,Cleves, M. A.,Badger, T. M. (2019). Resting gamma power during the postnatal critical period for GABAergic system development is modulated by infant diet and sex Int J Psychophysiol, 135(#issue#), 73-94	Intervention/exposure vs comparator
440	Pluymen, L. P. M.,Dalmeijer, G. W.,Smit, H. A.,Uiterwaal, Cspm,van der Ent, C. K.,van Rossem, L. (2018). Long-chain polyunsaturated fatty acids in infant formula and cardiovascular markers in childhood Matern Child Nutr, 14(2), e12523	Intervention/exposure vs comparator
441	Pluymen, L. P. M.,Wijga, A. H.,Gehring, U.,Koppelman, G. H.,Smit, H. A.,van Rossem, L. (2018). Early introduction of complementary foods and childhood overweight in breastfed and formula-fed infants in the Netherlands: the PIAMA birth cohort study Eur J Nutr, 57(5), 1985-1993	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
442	Pluymen, L. P. M.,Wijga, A. H.,Gehring, U.,Koppelman, G. H.,Smit, H. A.,van Rossem, L. (2019). Breastfeeding and cardiometabolic markers at age 12: a population-based birth cohort study Int J Obes (Lond), 43(8), 1568-1577	Outcome
443	Pluymen, Linda P. M.,Dalmeijer, Geertje W.,Smit, Henriëtte A.,Uiterwaal, Cuno S. P. M.,van Rossem, Lenie,van der Ent, Cornelis K. (2018). Long-chain polyunsaturated fatty acids in infant formula and cardiovascular markers in childhood Maternal & Child Nutrition, 14(2), 1-1	Intervention/exposure vs comparator
444	Polidano, C.,Zhu, A.,Bornstein, J. C. (2017). The relation between cesarean birth and child cognitive development Sci Rep, 7(1), 11483	Intervention/exposure vs comparator
445	Prpic, I.,Milardovic, A.,Vlasic-Cicvaric, I.,Spiric, Z.,Radic Nisevic, J.,Vukelic, P.,Snoj Tratnik, J.,Mazej, D.,Horvat, M. (2017). Prenatal exposure to low-level methylmercury alters the child's fine motor skills at the age of 18 months Environ Res, 152(#issue#), 369-374	Intervention/exposure vs comparator
446	Pruszkowska-Przybylska, P.,Sitek, A.,Rosset, I.,Sobalska-Kwapis, M.,Słomka, M.,Strapagiel, D.,Ż (2018). Association of the 2D:4D digit ratio with body composition among the Polish children aged 6–13years Early Human Development, 124(#issue#), 26-32	Study design, Intervention/exposure vs comparator
447	Puccio, G.,Alliet, P.,Cajozzo, C.,Janssens, E.,Corsello, G.,Sprenger, N.,Wernimont, S.,Egli, D.,Gosoniu, L.,Steenhout, P. (2017). Effects of Infant Formula With Human Milk Oligosaccharides on Growth and Morbidity: A Randomized Multicenter Trial J Pediatr Gastroenterol Nutr, 64(4), 624-631	Intervention/exposure vs comparator
448	Putet, G.,Labaune, J. M.,Mace, K.,Steenhout, P.,Grathwohl, D.,Raverot, V.,Morel, Y.,Picaud, J. C. (2016). Effect of dietary protein on plasma insulin-like growth factor-1, growth, and body composition in healthy term infants: a randomised, double-blind, controlled trial (Early Protein and Obesity in Childhood (EPOCH) study) Br J Nutr, 115(2), 271-84	Already included in P/B24 search
449	Radke, M.,Picaud, J. C.,Loui, A.,Cambonie, G.,Faas, D.,Lafeber, H. N.,de Groot, N.,Pecquet, S. S.,Steenhout, P. G.,Hascoet, J. M. (2017). Starter formula enriched in prebiotics and probiotics ensures normal growth of infants and promotes gut health: a randomized clinical trial Pediatr Res, 81(4), 622-631	Outcome
450	Radke, Michael,Picaud, Jean-Charles,Loui, Andrea,Cambonie, Gilles,Faas, Dirk,Lafeber, Harry N.,de Groot, Nanda,Pecquet, Sophie S.,Steenhout, Philippe G.,Hascoet, Jean-Michel (2016). Starter formula enriched in prebiotics and probiotics ensures normal growth of infants and promotes gut health: a randomized clinical trial Pediatric Research, #volume#(#issue#), N.PAG-N.PAG	Duplicate
451	Ramos, Jose Geraldo,Strapasson, Márcia Rejane,Ferreira, Charles Francisco (2018). 26. Breastfeeding practices in the first 6 months after delivery: Effects of arterial hypertension Pregnancy Hypertension, 13(#issue#), S57-S57	Publication status
452	Ranucci, G.,Buccigrossi, V.,Borgia, E.,Piacentini, D.,Visentin, F.,Cantarutti, L.,Baiardi, P.,Felisi, M. G.,Spagnuolo, M. I.,Zanconato, S.,et al, (2018). Association between environmental determinants and intestinal microbiota structure in the development of atopic dermatitis in infants at high risk of atopy Journal of pediatric gastroenterology and nutrition, 66(#issue#), 1162-	Publication status
453	Ranucci, G.,Buccigrossi, V.,Borgia, E.,Piacentini, D.,Visentin, F.,Cantarutti, L.,Baiardi, P.,Felisi, M.,Spagnuolo, M. I.,Zanconato, S.,Baraldi, E.,Giaquinto, C.,Guarino, A. (2018). Galacto-Oligosaccharide/Polidextrose Enriched Formula Protects against Respiratory Infections in Infants at High Risk of Atopy: A Randomized Clinical Trial Nutrients, 10(3), #Pages#	Outcome
454	Rao, D. P.,Kropac, E.,Do, M. T.,Roberts, K. C.,Jayaraman, G. C. (2017). Status report -- Childhood overweight and obesity in Canada: an integrative assessment Health Promot Chronic Dis Prev Can, 37(3), 87-93	Study design
455	Rauschert, S.,Mori, T. A.,Beilin, L. J.,Jacoby, P.,Uhl, O.,Koletzko, B.,Oddy, W. H.,Hellmuth, C. (2017). Early Life Factors, Obesity Risk, and the Metabolome of Young Adults Obesity (Silver Spring), 25(9), 1549-1555	Outcome
456	Rautava, S. (2018). Probiotic Intervention Through the Pregnant and Breastfeeding Mother to Reduce Disease Risk in the Child Breastfeed Med, 13(S1), S14-s15	Study design
457	Ray, S.,Seth, A.,Baijal, N.,Singh, S.,Sharma, G.,Kumar, P.,Chandra, J. (2019). Comparison of Feeding Options for HIV-Exposed Infants: A Retrospective Cohort Study Indian Pediatr, 56(6), 476-480	Country

	Full texts screened	Reason for exclusion
458	Reifsnider, E.,McCormick, D. P.,Cullen, K. W.,Todd, M.,Moramarco, M. W.,Gallagher, M. R.,Reyna, L. (2018). Randomized Controlled Trial to Prevent Infant Overweight in a High-Risk Population Acad Pediatr, 18(3), 324-333	Intervention/exposure vs comparator
459	Reis-Santos, B.,Barros, F. C.,Horta, B. L. (2018). Is there a causal effect of parity on body composition: a birth cohort study BMC Public Health, 18(1), 215	Intervention/exposure vs comparator
460	Rejali, M.,Pahlavni, S.,Hassanzadeh, A. (2017). Evaluation of 1-year-old children development in Isfahan City and its effective factors using ages and stages questionnaire, in 2014 J Educ Health Promot, 6(#issue#), 57	ConfoundersStudy design
461	Rendina, D. N.,Blohowiak, S. E.,Coe, C. L.,Kling, P. J. (2018). Maternal Perceived Stress during Pregnancy Increases Risk for Low Neonatal Iron at Delivery and Depletion of Storage Iron at One Year J Pediatr, 200(#issue#), 166-173.e2	Study design, Intervention/exposure vs comparator
462	Riano-Galan, I.,Fernandez-Somoano, A.,Rodriguez-Dehli, C.,Valvi, D.,Vrijheid, M.,Tardon, A. (2017). Proatherogenic Lipid Profile in Early Childhood: Association with Weight Status at 4 Years and Parental Obesity J Pediatr, 187(#issue#), 153-157.e2	Intervention/exposure vs comparator
463	Robbins, K. A.,Uygungil, B. (2017). Nutritional Deficiencies and Food Allergy J Allergy Clin Immunol Pract, 5(2), 528-529	Study design
464	Rodriguez-Cano, A. M.,Mier-Cabrera, J.,Allegre-Davalos, A. L.,Munoz-Manrique, C.,Perichart-Perera, O. (2019). Higher fat mass and fat mass accretion during the first six months of life in exclusively breastfed infants Pediatr Res, #volume#(#issue#), #Pages#	Confounders
465	Rodriguez-Cano, A. M.,Mier-Cabrera, J.,Munoz-Manrique, C.,Cardona-Perez, A.,Villalobos-Alcazar, G.,Perichart-Perera, O. (2019). Anthropometric and clinical correlates of fat mass in healthy term infants at 6 months of age BMC Pediatr, 19(1), 60	Study design
466	Rodríguez-Cano, Ameyalli M.,Mier-Cabrera, Jennifer,Muñoz-Manrique, Cinthya,Cardona-Pérez, Arturo,Villalobos-Alcázar, Gicela,Perichart-Perera, Otilia (2019). Anthropometric and clinical correlates of fat mass in healthy term infants at 6 months of age BMC Pediatrics, 19(1), N.PAG-N.PAG	
467	Rodriguez-Herrera, A.,Abrahamse-Berkeveld, M.,Alles, M.,Bouritius, H.,Rubio, R. P.,Munoz, A.,Agosti, M.,Lista, G.,Corvaglia, L. T.,Navero, J. L. P. (2016). A partly fermented infant formula containing scGOS/lcFOS supports adequate growth in healthy, term infants: the life study Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 658-659	Publication status
468	Rodriguez-Herrera, A.,Mulder, K.,Bouritius, H.,Rubio, R.,Muñoz, A.,Agosti, M.,Lista, G.,Corvaglia, L.,Ludwig, T.,Abrahamse-Berkeveld, M.,Perez-Navero, J. L. (2019). Gastrointestinal tolerance, growth and safety of a partly fermented formula with specific prebiotics in healthy infants: A double-blind, randomized, controlled trial Nutrients, 11(7), #Pages#	Intervention/exposure vs comparator
469	Rodriguez-Lopez, M.,Osorio, L.,Acosta-Rojas, R.,Figueras, J.,Cruz-Lemini, M.,Figueras, F.,Bijnens, B.,Gratacos, E.,Crispi, F. (2016). Influence of breastfeeding and postnatal nutrition on cardiovascular remodeling induced by fetal growth restriction Pediatr Res, 79(1-1), 100-6	Already excluded from P/B24 search
470	Rogers, S. L.,Blissett, J. (2017). Breastfeeding duration and its relation to weight gain, eating behaviours and positive maternal feeding practices in infancy Appetite, 108(#issue#), 399-406	Study design, Outcome
471	Rohan, Annie J. (2017). Breastfeeding, Cognitive and Non-Cognitive Development in Early Childhood: A Population Study MCN: The American Journal of Maternal Child Nursing, 42(5), 302-302	Publication status
472	Rose, C. M.,Savage, J. S.,Birch, L. L. (2016). Patterns of early dietary exposures have implications for maternal and child weight outcomes Obesity (Silver Spring), 24(2), 430-8	Intervention/exposure vs comparator
473	Ruiz, A. N.,Herrmann, F.,Valbuena, N. S.,Miranda, M. T.,Morera, M.,Folgoso, C. C. (2017). Association of linear growth velocity and behavior at 18 months of life in healthy children Journal of pediatric gastroenterology and nutrition, 64(#issue#), 923-	Publication status
474	Rzehak, P.,Oddy, W. H.,Mearin, M. L.,Grote, V.,Mori, T. A.,Szajewska, H.,Shamir, R.,Koletzko, S.,Weber, M.,Beilin, L. J.,Huang, R. C.,Koletzko, B. (2017). Infant feeding and growth trajectory patterns in childhood and body composition in young adulthood Am J Clin Nutr, 106(2), 568-580	Outcome

	Full texts screened	Reason for exclusion
475	Sakihara, T.,Sugiura, S.,Ito, K. (2016). The ingestion of cow's milk formula in the first 3 months of life prevents the development of cow's milk allergy Asia Pac Allergy, 6(4), 207-212	Outcome
476	Salahuddin, M.,Perez, A.,Ranjit, N.,Hoelscher, D. M.,Kelder, S. H. (2017). The associations of large-for-gestational-age and infant feeding practices with children's body mass index z-score trajectories: the Early Childhood Longitudinal Study, Birth Cohort Clin Obes, 7(5), 307-315	Intervention/exposure vs comparator
477	Salameh, K.,Dawodu, A. H. (2018). Randomized controlled study of effectiveness and safety of high dose vitamine D supplementation on breast milk v D limited sun Journal of pediatric gastroenterology and nutrition, 66(#issue#), 1097-	Publication status
478	Salas Lorenzo, I.,Chisaguano Tonato, A. M.,de la Garza Puentes, A.,Nieto, A.,Herrmann, F.,Dieguez, E.,Castellote, A. I.,Lopez-Sabater, M. C.,Rodriguez-Palmero, M.,Campoy, C. (2019). The Effect of an Infant Formula Supplemented with AA and DHA on Fatty Acid Levels of Infants with Different FADS Genotypes: The COGNIS Study Nutrients, 11(3), #Pages#	Intervention/exposure vs comparator
479	Salimar,,Irawati, A.,Besral, (2019). Maternal height as an determinant factors of children not to be stunting until age 59 months Indian Journal of Public Health Research and Development, 10(3), 765-771	Country
480	Salo, H. M.,Koponen, J.,Kiviranta, H.,Rantakokko, P.,Honkanen, J.,Härkönen, T.,Ilonen, J.,Virtanen, S. M.,Tillmann, V.,Knip, M.,Vaarala, O. (2019). No evidence of the role of early chemical exposure in the development of β-cell autoimmunity Environmental science and pollution research international, 26(2), 1370-1378	Outcome
481	Sanchez-Valverde, F.,Etayo, V.,Gil, F.,Aznal, E.,Martinez, D.,Amezqueta, A.,Mendizabal, M.,Galbete, A.,Pastor, N.,Vanderhoof, J. (2019). Factors Associated with the Development of Immune Tolerance in Children with Cow's Milk Allergy Int Arch Allergy Immunol, 179(4), 290-296	Intervention/exposure vs comparator, Participant health
482	Santos, I. S.,Barros, F. C.,Munhoz, T.,Matijasevich, A. (2017). Gestational age at birth and behavioral problems from four to 11 years of age: birth cohort study BMC Pediatr, 17(1), 184	Intervention/exposure vs comparator
483	Santos, L. P.,Assuncao, M. C. F.,Matijasevich, A.,Santos, I. S.,Barros, A. J. D. (2016). Dietary intake patterns of children aged 6 years and their association with socioeconomic and demographic characteristics, early feeding practices and body mass index BMC Public Health, 16(1), 1055	Outcome
484	Santos, L. P.,Ong, K. K.,Santos, I. S.,Matijasevich, A.,Barros, A. J. D. (2019). Effects of dietary intake patterns from 1 to 4 years on BMI z-score and body shape at age of 6 years: a prospective birth cohort study from Brazil Eur J Nutr, 58(4), 1723-1734	Intervention/exposure vs comparator
485	Sardecka, I.,Los-Rycharska, E.,Ludwig, H.,Gawryjolek, J.,Krogulska, A. (2018). Early risk factors for cow's milk allergy in children in the first year of life Allergy Asthma Proc, 39(6), e44-e54	Study design
486	Sauder, K. A.,Bekelman, T. A.,Harrall, K. K.,Glueck, D. H.,Dabelea, D. (2019). Gestational diabetes exposure and adiposity outcomes in childhood and adolescence: An analysis of effect modification by breastfeeding, diet quality, and physical activity in the EPOCH study Pediatr Obes, #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
487	Sauder, K. A.,Kaar, J. L.,Starling, A. P.,Ringham, B. M.,Glueck, D. H.,Dabelea, D. (2017). Predictors of Infant Body Composition at 5 Months of Age: The Healthy Start Study J Pediatr, 183(#issue#), 94-99.e1	Outcome
488	Sauder, K. A.,Starling, A. P.,Shapiro, A. L.,Kaar, J. L.,Ringham, B. M.,Glueck, D. H.,Dabelea, D. (2016). Exploring the association between maternal prenatal multivitamin use and early infant growth: The Healthy Start Study Pediatr Obes, 11(5), 434-41	Intervention/exposure vs comparator
489	Savage, J. S.,Birch, L. L.,Marini, M.,Anzman-Frasca, S.,Paul, I. M. (2016). Effect of the INSIGHT Responsive Parenting Intervention on Rapid Infant Weight Gain and Overweight Status at Age 1 Year: A Randomized Clinical Trial JAMA Pediatr, 170(8), 742-9	Outcome
490	Sbihi, H.,Koehoorn, M.,Tamburic, L.,Brauer, M. (2017). Asthma Trajectories in a Population-based Birth Cohort. Impacts of Air Pollution and Greenness Am J Respir Crit Care Med, 195(5), 607-613	Outcome
491	Scalabrin, D.,Harris, C.,Johnston, W. H.,Berseth, C. L. (2017). Long-term safety assessment in children who received hydrolyzed protein formulas with Lactobacillus rhamnosus GG: a 5-year follow-up Eur J Pediatr, 176(2), 217-224	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
492	Schwenke, E.,Fasching, P. A.,Faschingbauer, F.,Pretscher, J.,Kehl, S.,Peretz, R.,Keller, A.,Haberle, L.,Eichler, A.,Irlbauer-Muller, V.,Dammer, U.,Beckmann, M. W.,Schneider, M. (2018). Predicting attention deficit hyperactivity disorder using pregnancy and birth characteristics Arch Gynecol Obstet, 298(5), 889-895	Outcome
493	Scott-Jupp, R. (2017). Breastfeeding and obesity Arch Dis Child, 102(7), 616	Outcome
494	Sekhobo, J. P. (2017). Estimation of WIC effects in multilevel, cross-sector obesity prevention interventions Obesity, 25(7), 1157-1158	Publication status
495	Selby, A.,Munro, A.,Grimshaw, K. E.,Cornelius, V.,Keil, T.,Grabenhenrich, L.,Clausen, M.,Dubakiene, R.,Fiocchi, A.,Kowalski, M. L.,Papadopoulos, N. G.,Reche, M.,Sigurdardottir, S. T.,Sprikkelman, A. B.,Xepapadaki, P.,Mills, E. N. C.,Beyer, K.,Roberts, G. (2018). Prevalence estimates and risk factors for early childhood wheeze across Europe: the EuroPrevall birth cohort Thorax, 73(11), 1049-1061	Outcome
496	Sen, S.,Penfield-Cyr, A.,Hollis, B. W.,Wagner, C. L. (2017). Maternal Obesity, 25-Hydroxy Vitamin D Concentration, and Bone Density in Breastfeeding Dyads J Pediatr, 187(#issue#), 147-152.e1	Intervention/exposure vs comparator
497	Seo, S.,Yoon, W. S.,Cho, Y.,Park, S. H.,Choung, J. T.,Yoo, Y. (2016). Leptin and Atopic Dermatitis in Korean Elementary School Children Iran J Allergy Asthma Immunol, 15(2), 138-44	Outcome
498	Seppo, A. E.,Autran, C. A.,Bode, L.,Järvinen, K. M. (2017). Human milk oligosaccharides and development of cow's milk allergy in infants Journal of Allergy and Clinical Immunology, 139(2), 708-711.e5	Publication status
499	Shahramian, I.,Kalvandi, G.,Javaherizadeh, H.,Khalili, M.,Noori, N. M.,Delaramnasab, M.,Bazi, A. (2018). The effects of prebiotic supplementation on weight gain, diarrhoea, constipation, fever and respiratory tract infections in the first year of life Journal of Paediatrics and Child Health, 54(8), 875-880	Intervention/exposure vs comparator
500	Shalitin, Shlomit,Battelino, Tadej,Moreno, Luis A. (2017). Obesity, Metabolic Syndrome, and Nutrition World Review of Nutrition & Dietetics, 116(#issue#), 16-51	Publication status, Study design
501	Sharma, A. K.,Gallo, S.,Vanstone, C. A.,Agellon, S.,L'Abbe, M.,Khamessan, A.,Comeau, K.,Weiler, H. A.,Rodd, C. (2016). Parathyroid hormone-ionized calcium dynamics over the first year of life J Pediatr Endocrinol Metab, 29(6), 709-14	Intervention/exposure vs comparator
502	Shashaj, B.,Graziani, M. P.,Contoli, B.,Ciuffo, C.,Cives, C.,Facciolini, S.,Rigoni, M. L.,Spaterna, S.,Taucci, M.,Raponi, M.,Manco, M. (2016). Energy Balance–Related Behaviors, Perinatal, Sociodemographic, and Parental Risk Factors Associated with Obesity in Italian Preschoolers Journal of the American College of Nutrition, 35(4), 362-371	Study design
503	Sherwood, W. B.,Bion, V.,Lockett, G. A.,Ziyab, A. H.,Soto-Ramirez, N.,Mukherjee, N.,Kurukulaaratchy, R. J.,Ewart, S.,Zhang, H.,Arshad, S. H.,Karmaus, W.,Holloway, J. W.,Rezwan, F. I. (2019). Duration of breastfeeding is associated with leptin (LEP) DNA methylation profiles and BMI in 10-year-old children Clin Epigenetics, 11(1), 128	Confounders
504	Shi, J.,Tan, D.,Xie, H.,Yang, B.,Liu, R.,Yu, D.,Lu, Y.,Mei, B.,Wang, Z. (2017). Unequal Distribution of Overweight Adolescents in Immigrant-Rich Areas: Analysis of Disparities among Public and Private School Students in Shanghai, China Int J Environ Res Public Health, 14(3), #Pages#	Study design
505	Shinn, L. M.,Tangney, C. C.,Busche, C.,Sharp, C. M.,Mullen, M. C. (2018). Demographic Correlates of Infant Feeding Practices and Growth Performance in the First Year of Life Int J Pediatr, 2018(#issue#), 6569204	Intervention/exposure vs comparator
506	Shoaibi, A.,Neelon, B.,Ostbye, T.,Benjamin-Neelon, S. E. (2019). Longitudinal associations of gross motor development, motor milestone achievement and weight-for-length z score in a racially diverse cohort of US infants BMJ Open, 9(1), e024440	Intervention/exposure vs comparator
507	Sicherer, S. H.,Wood, R. A.,Perry, T. T.,Jones, S. M.,Leung, D. Y. M.,Henning, A. K.,Dawson, P.,Burks, A. W.,Lindblad, R.,Sampson, H. A. (2019). Clinical factors associated with peanut allergy in a high-risk infant cohort Allergy, #volume#(#issue#), #Pages#	Outcome
508	Singhal, A. (2019). The Impact of Human Milk Feeding on Long-Term Risk of Obesity and Cardiovascular Disease Breastfeed Med, 14(S1), S9-s10	Study design

	Full texts screened	Reason for exclusion
509	Sinno, D.,Tamim, H.,Faytrouni, F.,Mikati, M. A.,Charafeddine, L. (2018). Factors affecting child development assessed by the Ages and Stages Questionnaire (ASQ) in an Arabic speaking population Early Hum Dev, 120(#issue#), 61-66	Study design, Intervention/exposure vs comparator
510	Sirkka, O.,Vrijkotte, T.,Halberstadt, J.,Abrahamse-Berkeveld, M.,Hoekstra, T.,Seidell, J.,Olthof, M. (2018). Prospective associations of age at complementary feeding and exclusive breastfeeding duration with body mass index at 5-6 years within different risk groups Pediatr Obes, 13(8), 522-529	Intervention/exposure vs comparator
511	Sitarik, A. R.,Kasmikha, N. S.,Kim, H.,Wegienka, G.,Havstad, S.,Ownby, D.,Zoratti, E.,Johnson, C. C. (2018). Breast-feeding and delivery mode modify the association between maternal atopy and childhood allergic outcomes Journal of Allergy and Clinical Immunology, 142(6), 2002-2004.e2	Publication status
512	Slomski, A. (2018). Neurocognitive Benefits from Breastfeeding May Not Endure Jama, 319(24), 2470	Publication status
513	Slupsky, C. M.,He, X.,Hernell, O.,Andersson, Y.,Rudolph, C.,Lonnerdal, B.,West, C. E. (2017). Postprandial metabolic response of breast-fed infants and infants fed lactose-free vs regular infant formula: A randomized controlled trial Sci Rep, 7(1), 3640	Intervention/exposure vs comparator, Size of study groups
514	Soto-Ramirez, N.,Kar, S.,Zhang, H.,Karmaus, W. (2017). Infant feeding patterns and eczema in children in the first 6 years of life Clin Exp Allergy, 47(10), 1285-1298	Outcome
515	Sotunde, O. F.,Gallo, S.,Vanstone, C. A.,Weiler, H. A. (2018). Normative Data for Lean Mass and Fat Mass in Healthy Predominantly Breast-Fed Term Infants From 1 Month to 1 Year of Age J Clin Densitom, #volume#(#issue#), #Pages#	Intervention/exposure vs comparator
516	Souza, C. O.,Leite, M. E. Q.,Lasekan, J.,Baggs, G.,Pinho, L. S.,Druzian, J. I.,Ribeiro, T. C. M.,Mattos, A. P.,Menezes-Filho, J. A.,Costa-Ribeiro, H. (2017). Milk protein-based formulas containing different oils affect fatty acids balance in term infants: A randomized blinded crossover clinical trial Lipids Health Dis, 16(1), 78	Intervention/exposure vs comparator
517	Spalinger, J.,Nydegger, A.,Belli, D.,Furlano, R. I.,Yan, J.,Tanguy, J.,Pecquet, S.,Destaillats, F.,Egli, D.,Steenhout, P. (2017). Growth of infants fed formula with evolving nutrition composition: A single-arm non-inferiority study Nutrients, 9(3), #Pages#	Intervention/exposure vs comparator
518	St John, A. M.,Kao, K.,Liederman, J.,Grieve, P. G.,Tarullo, A. R. (2017). Maternal cortisol slope at 6 months predicts infant cortisol slope and EEG power at 12 months Developmental psychobiology, 59(6), 787-801	Intervention/exposure vs comparator
519	Standl, M.,Schulte-Korne, G.,Heinrich, J. (2016). Breastfeeding and symptoms of dyslexia in children and adolescents European journal of epidemiology, Conference: Health - Exploring Complexity: An Interdisciplinary Systems Approach, HEC 2016. Germany. Conference Start: 20160828. Conference End: 20160902. 31(#issue#), S193-S194	Publication status
520	Stanford, F. C. (2016). Obesity and Breastfeeding: Exploring the Relationship Breastfeed Med, 11(#issue#), 411-2	Study design
521	Stelmach, I.,Kwarta, P.,Jerzynska, J.,Stelmach, W.,Krakowiak, J.,Karbownik, M.,Podlecka, D.,Hanke, W.,Polanska, K. (2019). Duration of breastfeeding and psychomotor development in 1-year-old children - Polish Mother and Child Cohort Study Int J Occup Med Environ Health, 32(2), 175-184	Study design
522	Stemeseder, T.,Klinglmayr, E.,Moser, S.,Lang, R.,Himly, M.,Oostingh, G. J.,Zumbach, J.,Bathke, A. C.,Hawranek, T.,Gadermaier, G. (2017). Influence of Intrinsic and Lifestyle Factors on the Development of IgE Sensitization Int Arch Allergy Immunol, 173(2), 99-104	Outcome
523	Stergiakouli, E.,Martin, J.,Hamshere, M.,St Pourcain, B.,Timpson, N.,Thapar, A.,Smith, G. D. (2017). Shared genetic effects between clinical ADHD and smoking, alcohol and breastfeeding in mothers from the general population European neuropsychopharmacology, 27(#issue#), S141-	Publication status
524	Stranak, Z.,Feyereislova, S.,Cerna, M.,Kollarova, J.,Feyereisl, J. (2016). Limited Amount of Formula May Facilitate Breastfeeding: Randomized, Controlled Trial to Compare Standard Clinical Practice versus Limited Supplemental Feeding PLoS One, 11(2), e0150053	OutcomeOutcome

	Full texts screened	Reason for exclusion
525	Straub, N.,Grunert, P.,Northstone, K.,Emmett, P. (2016). Economic impact of breast-feeding-associated improvements of childhood cognitive development, based on data from the ALSPAC Br J Nutr, #volume#(#issue#), 1-6	Outcome
526	Strom, M.,Mortensen, E. L.,Kesmodel, U. S.,Halldorsson, T.,Olsen, J.,Olsen, S. F. (2019). Is breast feeding associated with offspring IQ at age 5? Findings from prospective cohort: Lifestyle During Pregnancy Study BMJ Open, 9(5), e023134	Outcome
527	Stromberg Celind, F.,Wennergren, G.,Vasileiadou, S.,Alm, B.,Goksor, E. (2018). Antibiotics in the first week of life were associated with atopic asthma at 12 years of age Acta Paediatr, 107(10), 1798-1804	Intervention/exposure vs comparator
528	Stuart, B.,Panico, L. (2016). Early-childhood BMI trajectories: evidence from a prospective, nationally representative British cohort study Nutr Diabetes, 6(#issue#), e198	Outcome
529	Subhan, F. B.,Colman, I.,McCargar, L.,Bell, R. C. (2017). Higher Pre-pregnancy BMI and Excessive Gestational Weight Gain are Risk Factors for Rapid Weight Gain in Infants Matern Child Health J, 21(6), 1396-1407	Confounders, Intervention/exposure vs comparator
530	Sukumar, N.,Saravanan, P. (2019). Investigating vitamin B12 deficiency BMJ (Online), 365(#issue#), #Pages#	Study design
531	Sutin, A. R.,Stephan, Y.,Terracciano, A. (2016). Breastfeeding and Adult Personality Eur J Pers, 30(5), 484-491	Outcome
532	Szabelska-Zakrzewska, K.,Durko, A.,Socha-Banasiak, A.,Majewska, M.,Kolejwa, M.,Kazanek-Zasada, J.,Czkwianianc, E. (2018). Metabolic syndrome in overweight or obese children and adolescents based on own material Abstract Key words Dev Period Med, 22(4), 351-357	Study design, Outcome
533	Szajewska, H.,Ruszczynski, M.,Szymanski, H.,Sadowska-Krawczenko, I.,Piwowarczyk, A.,Rasmussen, P. B.,Kristensen, M. B.,West, C. E.,Hernell, O. (2017). Effects of infant formula supplemented with prebiotics compared with synbiotics on growth up to the age of 12 mo: a randomized controlled trial Pediatr Res, 81(5), 752-758	Outcome
534	Szymlek-Gay, E. A.,Domellof, M.,Hernell, O.,Hurrell, R. F.,Lind, T.,Lonnerdal, B.,Zeder, C.,Egli, I. M. (2016). Mode of oral iron administration and the amount of iron habitually consumed do not affect iron absorption, systemic iron utilisation or zinc absorption in iron-sufficient infants: a randomised trial Br J Nutr, 116(6), 1046-60	Intervention/exposure vs comparator
535	Tambalis, K. D.,Mourtakos, S.,Panagiotakos, D. B.,Sidossis, L. S. (2018). Association of Exclusive Breastfeeding with Risk of Obesity in Childhood and Early Adulthood Breastfeed Med, #volume#(#issue#), #Pages#	Study design
536	Tanaka, K.,Miyake, Y.,Furukawa, S.,Arakawa, M. (2016). Perinatal smoking exposure and behavioral problems in Japanese children aged 5 years: The Kyushu Okinawa Maternal and Child Health Study Environmental Research, 151(#issue#), 383-388	Intervention/exposure vs comparator
537	Tang, M.,Griese, K. E.,Krebs, N. F. (2016). Dietary intakes of formula-fed infants consuming a meat-or dairy-based complementary diet: a semi-controlled feeding trial FASEB journal. Conference: experimental biology 2016, EB. San diego, CA united states. Conference start: 20160402. Conference end: 20160406. Conference publication: (var.pagings), 30(no pagination), #Pages#	Publication status
538	Tang, M.,Rijnierse, A.,Nauta, A.,Boyle, R.,Hourihane, J.,Chiang, W.,Chua, M.,Smith, P.,Gold, M.,Ziegler, J.,et al, (2017). Influence of early feeding patterns on eczema development in high-risk infants Allergy, 72(#issue#), 15-	Publication status
539	Taylor, B.,Taylor, R.,Gray, A.,Galland, B.,Heath, A.,Lawrence, J.,Hanna, M.,Hatch, B. (2017). The prevention of obesity in infancy by targeting sleep or food and activity: RCT outcomes at 5 years Obesity facts, 10(#issue#), 23-	Publication status
540	Taylor-Robinson, D. C.,Williams, H.,Pearce, A.,Law, C.,Hope, S. (2016). Do early-life exposures explain why more advantaged children get eczema? Findings from the U.K. Millennium Cohort Study Br J Dermatol, 174(3), 569-78	Outcome
541	Terashita, S.,Nakamura, T.,Igarashi, N. (2017). Longitudinal study on the effectiveness of vitamin D supplements in exclusively breast-fed infants Clin Pediatr Endocrinol, 26(4), 215-222	Intervention/exposure vs comparator
542	Tham, E. H.,Lee, B. W.,Chan, Y. H.,Loo, E. X. L.,Toh, J. Y.,Goh, A.,Teoh, O. H.,Yap, F.,Tan, K. H.,Godfrey, K. M.,Chong, M. F. F.,Van Bever, H. P. S.,Chong, Y. S.,Shek, L. P. (2018). Low Food Allergy Prevalence Despite Delayed Introduction of Allergenic Foods-Data from the GUSTO Cohort J Allergy Clin Immunol Pract, 6(2), 466-475.e1	Outcome

	Full texts screened	Reason for exclusion
543	Thorisdottir, B.,Gunnarsdottir, I.,Steingrimsdottir, L.,Palsson, G. I.,Birgisdottir, B. E.,Thorsdottir, I. (2016). Vitamin D Intake and Status in 6-Year-Old Icelandic Children Followed up from Infancy Nutrients, 8(2), 75	Outcome
544	Thorisdottir, B.,Gunnarsdottir, I.,Vidarsdottir, A. G.,Sigurdardottir, S.,Birgisdottir, B. E.,Thorsdottir, I. (2019). Infant Feeding, Vitamin D and IgE Sensitization to Food Allergens at 6 Years in a Longitudinal Icelandic Cohort Nutrients, 11(7), #Pages#	Intervention/exposure vs comparator
545	Thorland, W.,Currie, D.,Colangelo, C. (2017). Status of High Body Weight Among Nurse-Family Partnership Children MCN Am J Matern Child Nurs, 42(6), 352-357	Outcome
546	Tobolic, T. J. (2019). Primum Non Nocere Breastfeeding Breastfeed Med, 14(1), 77-78	Study design
547	Totzauer, M.,Luque, V.,Escribano, J.,Closa-Monasterolo, R.,Verduci, E.,ReDionigi, A.,Hoyos, J.,Langhendries, J. P.,Gruszfeld, D.,Socha, P.,Koletzko, B.,Grote, V. (2018). Effect of Lower Versus Higher Protein Content in Infant Formula Through the First Year on Body Composition from 1 to 6 Years: Follow-Up of a Randomized Clinical Trial Obesity (Silver Spring), 26(7), 1203-1210	Intervention/exposure vs comparator
548	Troesch, B.,Demmelmair, J.,Gimpfl, M.,Hecht, C.,Lakovic, G.,Roehle, R.,Sipka, L.,Trisic, B.,Vusurovic, M.,Schoop, R.,Zdjelar, S.,Koletzko, B. (2019). Suitability and safety of L-5-methyltetrahydrofolate as a folate source in infant formula: A randomized-controlled trial PLoS One, 14(8), e0216790	Intervention/exposure vs comparator
549	Tse, S. M.,Rifas-Shiman, S. L.,Coull, B. A.,Litonjua, A. A.,Oken, E.,Gold, D. R. (2016). Sex-specific risk factors for childhood wheeze and longitudinal phenotypes of wheeze J Allergy Clin Immunol, 138(6), 1561-1568.e6	Outcome
550	Tsoucalas, G.,Sgantzos, M. (2017). Oribasius-Pediatric Skin Eruptions and the Origins of the Allergic Reaction to Breast Milk JAMA Dermatol, 153(4), 303	Outcome
551	Uğraş Dikmen, A.,Konşuk Ünlü, H.,Özcebe, L. H. (2019). Evaluation of being overweight/obese and related sociodemographic factors in 0-5 year age group in Turkey: Turkey demographic health survey 2013 advanced analysis Turkish Journal of Medical Sciences, 49(3), 879-887	Study design
552	Uhl, O.,Fleddermann, M.,Hellmuth, C.,Demmelmair, H.,Koletzko, B. (2016). Phospholipid Species in Newborn and 4 Month Old Infants after Consumption of Different Formulas or Breast Milk PLoS One, 11(8), e0162040	Intervention/exposure vs comparator
553	Umer, A.,Hamilton, C.,Edwards, R. A.,Cottrell, L.,Giacobbi, P., Jr.,Innes, K.,John, C.,Kelley, G. A.,Neal, W.,Lilly, C. (2019). Association Between Breastfeeding and Childhood Cardiovascular Disease Risk Factors Matern Child Health J, 23(2), 228-239	Study design
554	Uusitalo, U.,Lee, H. S.,Andren Aronsson, C.,Vehik, K.,Yang, J.,Hummel, S.,Silvis, K.,Lernmark, A.,Rewers, M.,Hagopian, W.,She, J. X.,Simell, O.,Toppari, J.,Ziegler, A. G.,Akolkar, B.,Krischer, J.,Virtanen, S. M.,Norris, J. M. (2018). Early Infant Diet and Islet Autoimmunity in the TEDDY Study Diabetes Care, 41(3), 522-530	Outcome
555	van der Willik, Esmee,Vrijkotte, Tanja G. M.,Altenburg, Teatske M.,Gademan, Maaike G. J.,Kist-van Holthe, Joana (2016). Exclusively breastfed overweight infants are at the same risk of childhood overweight as formula fed overweight infants MIDIRS Midwifery Digest, 26(1), 101-102	Publication status Intervention/exposure vs comparator
556	van der Wurff, I. S.,Bakker, E. C.,Hornstra, G.,Kirschner, P. A.,Gielen, M.,Godschalk, R. W.,Kremers, S.,Zeegers, M. P.,de Groot, R. H. (2016). Association between prenatal and current exposure to selected LCPUFAs and school performance at age 7 Prostaglandins Leukot Essent Fatty Acids, 108(#issue#), 22-9	Study design, Intervention/exposure vs comparator
557	van Ginkel, C. D.,van der Meulen, G. N.,Bak, E.,Flokstra-de Blok, B. M. J.,Kollen, B. J.,Koppelman, G. H.,Dubois, A. E. J. (2018). Retrospective observational cohort study regarding the effect of breastfeeding on challenge-proven food allergy Eur J Clin Nutr, 72(4), 557-563	Outcome
558	van Meel, E. R.,de Jong, M.,Elbert, N. J.,den Dekker, H. T.,Reiss, I. K.,de Jongste, J. C.,Jaddoe, V. W. V.,Duijts, L. (2017). Duration and exclusiveness of breastfeeding and school-age lung function and asthma Ann Allergy Asthma Immunol, 119(1), 21-26.e2	Outcome
559	van Rossem, L.,Smit, H. A.,Lentjes, Egwm,Maitimu-Smeele, I.,Brunekreef, B.,Koppelman, G. H.,Wijga, A. H. (2019). Does breast milk adiponectin affect BMI and cardio-metabolic markers in childhood? Br J Nutr, 121(8), 905-913	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
560	van Steenkiste, K. (2016). [Not Available] Kinderkrankenschwester, 35(7), 248-249	Publication status
561	van Wouwe, Jacobus P.,Lanting, Caren I.,Akkermans, Marjolijn D.,Eussen, Simone R. B. M.,van der Horst-Graat, Judith M.,van Elburg, Ruurd M.,van Goudoever, Johannes B.,Brus, Frank (2017). More ways to successfully supplement vitamin D...Akkermans MD, Eussen SRBM, van der Horst-Graat JM, van Elburg RM, van Goudoever JB, Brus F. A micronutrient-fortified young-child formula improves the iron and vitamin D status of healthy young European children: a randomized, double-blind controlled trial. Am J Clin Nutr 2017;105:391–9 #journal#, 105(#issue#), 1564-1566	Publication status
562	Vandyousefi, S.,Goran, M. I.,Gunderson, E. P.,Khazaee, E.,Landry, M. J.,Ghaddar, R.,Asigbee, F. M.,Davis, J. N. (2019). Association of breastfeeding and gestational diabetes mellitus with the prevalence of prediabetes and the metabolic syndrome in offspring of Hispanic mothers Pediatr Obes, 14(7), e12515	Intervention/exposure vs comparator
563	Varsi, Kristin,Bolann, Bjørn,Torsvik, Ingrid,Rosvold Eik, Tina Constanse,Høl, Paul Johan,Bjørke-Monsen, Anne-Lise (2017). Impact of Maternal Selenium Status on Infant Outcome during the First 6 Months of Life Nutrients, 9(5), 486	Intervention/exposure vs comparator
564	Vehapoglu, A.,Goknar, N.,Turel, O.,Torun, E.,Ozgurhan, G. (2017). Risk factors for childhood obesity: Do the birth weight, type of delivery, and mother's overweight have an implication on current weight status? World J Pediatr, 13(5), 457-464	Study design, Intervention/exposure vs comparator
565	Veile, A.,Faria, A. A.,Rivera, S.,Tuller, S. M.,Kramer, K. L. (2019). Birth mode, breastfeeding and childhood infectious morbidity in the Yucatec Maya Am J Hum Biol, #volume#(#issue#), e23218	Outcome
566	Venter, C.,Maslin, K.,Dean, T.,Arshad, S. H. (2016). Does concurrent breastfeeding alongside the introduction of solid food prevent the development of food allergy? J Nutr Sci, 5(#issue#), e40	Outcome
567	Ventura, A. K. (2017). Developmental Trajectories of Bottle-Feeding During Infancy and Their Association with Weight Gain J Dev Behav Pediatr, 38(2), 109-119	Outcome
568	Ventura, A. K.,Thompson, K. (2019). Predictors of Resilience Among Infants at Risk for Rapid Weight Gain Obesity (Silver Spring), 27(1), 130-136	Intervention/exposure vs comparator
569	Vergara Perez, Ines,Vila Sexto, Leticia (2018). Suspected severe acute food protein-induced enterocolitis syndrome caused by cow's milk through breast milk Annals of Allergy, Asthma & Immunology, 121(2), 245-246	Study design
570	Vianna, C. A.,Horta, B. L.,Gigante, D. P.,de Barros, F. C. (2016). Pulse Wave Velocity at Early Adulthood: Breastfeeding and Nutrition during Pregnancy and Childhood PLoS One, 11(4), e0152501	Outcome
571	Viljoen, K.,Segurado, R.,O'Brien, J.,Murrin, C.,Mehegan, J.,Kelleher, C. C. (2018). Pregnancy diet and offspring asthma risk over a 10-year period: the Lifeways Cross Generation Cohort Study, Ireland BMJ Open, 8(2), e017013	Outcome
572	Viner, R. M.,Costa, S.,Johnson, W. (2019). Patterns of BMI development between 10 and 42 years of age and their determinants in the 1970 British Cohort Study J Epidemiol Community Health, 73(1), 79-85	Intervention/exposure vs comparator
573	Vogelezang, S.,Santos, S.,van der Beek, E. M.,Abrahamse-Berkeveld, M.,Duijts, L.,van der Lugt, A.,Felix, J. F.,Jaddoe, V. W. V. (2018). Infant breastfeeding and childhood general, visceral, liver, and pericardial fat measures assessed by magnetic resonance imaging Am J Clin Nutr, 108(4), 722-729	Outcome
574	von Berg, A.,Filipiak-Pittroff, B.,Kramer, U.,Link, E.,Heinrich, J.,Koletzko, S.,Grubl, A.,Hoffmann, U.,Beckmann, C.,Reinhardt, D.,Bauer, C. P.,Wichmann, E.,Berdel, D. (2017). The German Infant Nutritional Intervention Study (GINI) for the preventive effect of hydrolyzed infant formulas in infants at high risk for allergic diseases. Design and selected results Allergol Select, 1(1), 28-38	Outcome
575	von Berg, A.,Filipiak-Pittroff, B.,Schulz, H.,Hoffmann, U.,Link, E.,Sussmann, M.,Schnappinger, M.,Bruske, I.,Standl, M.,Kramer, U.,Hoffmann, B.,Heinrich, J.,Bauer, C. P.,Koletzko, S.,Berdel, D. (2016). Allergic manifestation 15 years after early intervention with hydrolyzed formulas--the GINI Study Allergy, 71(2), 210-9	Already excluded from P/B24 search

	Full texts screened	Reason for exclusion
576	Von Berg, A.,Filipiak-Pittroff, B.,Schulz, H.,Hoffmann, U.,Link, E.,Sußmann, M.,Schnappinger, M.,Brüske, I.,Standl, M.,Krämer, U.,Hoffmann, B.,Heinrich, J.,Bauer, C. P.,Koletzko, S.,Berdel, D. (2016). Allergic manifestation 15 years after early intervention with hydrolyzed formulas - The GINI Study Allergy: European Journal of Allergy and Clinical Immunology, 71(2), 210-219	Outcome
577	von Weikersthal, G. F. (2016). New chances in allergy risk: prevention by breastfeeding, HA food and care from the beginning Kinderkrankenschwester : organ der sektion kinderkrankenpflege, 35(5), 165-168	Outcome
578	Wagner, C. L.,Eidelman, Arthur I. (2018). The Impact of Vitamin D on the Maternal and Infant Epigenome: The Role of Pregnancy and Breastfeeding Breastfeeding Medicine, 13(5), 305-306	Study design
579	Wallby, T.,Lagerberg, D.,Magnusson, M. (2017). Relationship Between Breastfeeding and Early Childhood Obesity: Results of a Prospective Longitudinal Study from Birth to 4 Years Breastfeed Med, 12(#issue#), 48-53	Outcome
580	Wang, A. H.,Fitzpatrick, C. (2019). Which Early Childhood Experiences and Skills Predict Kindergarten Working Memory? J Dev Behav Pediatr, 40(1), 40-48	Study design
581	Wang, F.,Liu, H.,Wan, Y.,Li, J.,Chen, Y.,Zheng, J.,Huang, T.,Li, D. (2016). Prolonged Exclusive Breastfeeding Duration Is Positively Associated with Risk of Anemia in Infants Aged 12 Months J Nutr, 146(9), 1707-13	Intervention/exposure vs comparator
582	Wang, H.,Mueller, N. T.,Li, J.,Sun, N.,Huo, Y.,Ren, F.,Wang, X. (2017). Association of Maternal Plasma Folate and Cardiometabolic Risk Factors in Pregnancy with Elevated Blood Pressure of Offspring in Childhood Am J Hypertens, 30(5), 532-540	Outcome
583	Wang, I. J.,Wen, H. J.,Chiang, T. L.,Lin, S. J.,Guo, Y. L. (2016). Maternal psychologic problems increased the risk of childhood atopic dermatitis Pediatr Allergy Immunol, 27(2), 169-76	Outcome
584	Wang, J.,Groetch, M. (2017). Preventing food allergies with tweaks to the infant diet: A practical reality? Annals of Allergy, Asthma and Immunology, 118(4), 385-388	Publication status
585	Wang, J.,Ramette, A.,Jurca, M.,Goutaki, M.,Beardsmore, C. S.,Kuehni, C. E. (2017). Association between breastfeeding and eczema during childhood and adolescence: A cohort study PLoS One, 12(9), e0185066	Outcome
586	Wang, L.,Collins, C.,Ratliff, M.,Xie, B.,Wang, Y. (2017). Breastfeeding Reduces Childhood Obesity Risks Child Obes, 13(3), 197-204	Outcome
587	Wang, L.,van Grieken, A.,Yang-Huang, J.,Vlasblom, E.,L'Hoir, M. P.,Boere-Boonekamp, M. M.,Raat, H. (2018). Relationship between socioeconomic status and weight gain during infancy: The BeeBOFT study PLoS One, 13(11), e0205734	Intervention/exposure vs comparator
588	Wang, P.,Hao, M.,Han, W.,Yamauchi, T. (2019). Factors associated with nutritional status and motor development among young children Nurs Health Sci, #volume#(#issue#), #Pages#	Study design
589	Wang, W.,Sun, Y.,Zhang, M.,Zhang, Y.,Chen, W.,Tan, L.,Shen, J.,Zhao, Z.,Lan, S.,Zhang, W. (2018). Breast milk and infant iodine status during the first 12 weeks of lactation in Tianjin City, China Asia Pac J Clin Nutr, 27(2), 393-398	Study design, Intervention/exposure vs comparator
590	Wang, X.,Gao, X.,Yang, Q.,Wang, X.,Li, S.,Jiang, F.,Zhang, J.,Ouyang, F. (2017). Sleep disorders and allergic diseases in Chinese toddlers Sleep Med, 37(#issue#), 174-179	Study design
591	Warstedt, K.,Furuhjelm, C.,Falth-Magnusson, K.,Fageras, M.,Duchen, K. (2016). High levels of omega-3 fatty acids in milk from omega-3 fatty acid-supplemented mothers are related to less immunoglobulin E-associated disease in infancy Acta Paediatr, 105(11), 1337-1347	Outcome
592	Weber, M.,Luque, V.,Escribano, J.,Closa, R.,Verduci, E.,ReDionigi, A.,Hoyos, J.,Langhendries, J. P.,Gruszfeld, D.,Socha, P.,et al, (2016). Effect of early protein supply on body fat deposition during infancy and childhood: a randomized trial Journal of pediatric gastroenterology and nutrition. Conference: 49th annual meeting of the european society for paediatric gastroenterology, hepatology and nutrition, ESPGHAN 2016. Athens greece. Conference start: 20160525. Conference end: 20160528. Conference publication: (var.pagings), 62(#issue#), 668-669	Publication status

	Full texts screened	Reason for exclusion
593	Whaley, S. E.,Koleilat, M.,Leonard, S.,Whaley, M. (2017). Breastfeeding Is Associated With Reduced Obesity in Hispanic 2- to 5-Year-Olds Served by WIC J Nutr Educ Behav, 49(7 Suppl 2), S144-S150.e1	Outcome
594	Wheeler, B. J.,Taylor, B. J.,de Lange, M.,Harper, M. J.,Jones, S.,Mekhail, A.,Houghton, L. A. (2018). A Longitudinal Study of 25-Hydroxy Vitamin D and Parathyroid Hormone Status throughout Pregnancy and Exclusive Lactation in New Zealand Mothers and Their Infants at 45 degrees S Nutrients, 10(1), #Pages#	Intervention/exposure vs comparator
595	Wheeler, B. J.,Taylor, B. J.,Herbison, P.,Haszard, J. J.,Mikhail, A.,Jones, S.,Harper, M. J.,Houghton, L. A. (2016). High-Dose Monthly Maternal Cholecalciferol Supplementation during Breastfeeding Affects Maternal and Infant Vitamin D Status at 5 Months Postpartum: A Randomized Controlled Trial J Nutr, 146(10), 1999-2006	Intervention/exposure vs comparator
596	Wheeler, B. J.,Taylor, B. J.,Herbison, P.,Haszard, J. J.,Mikhail, A.,Jones, S.,Harper, M. J.,Houghton, L. A. (2017). Effect of high dose monthly maternal cholecalciferol supplementation during breastfeeding on infant and maternal vitamin d status at 5 months post-partum: a randomized controlled trial International journal of pediatric endocrinology, 2017(#issue#), #Pages#	Intervention/exposure vs comparator
597	Wickens, K.,Barthow, C.,Mitchell, E. A.,Kang, J.,van Zyl, N.,Purdie, G.,Stanley, T.,Fitzharris, P.,Murphy, R.,Crane, J. (2018). Effects of Lactobacillus rhamnosus HN001 in early life on the cumulative prevalence of allergic disease to 11 years Pediatr Allergy Immunol, 29(8), 808-814	Outcome
598	Wicklow, B.,Gallo, S.,Majnemer, A.,Vanstone, C.,Comeau, K.,Jones, G.,L'Abbe, M.,Khamessan, A.,Sharma, A.,Weiler, H.,Rodd, C. (2016). Impact of Vitamin D Supplementation on Gross Motor Development of Healthy Term Infants: A Randomized Dose-Response Trial Phys Occup Ther Pediatr, 36(3), 330-42	Intervention/exposure vs comparator
599	Wojcicki, J. M.,Heyman, M. B.,Elwan, D.,Lin, J.,Blackburn, E.,Epel, E. (2016). Early exclusive breastfeeding is associated with longer telomeres in Latino preschool children Am J Clin Nutr, 104(2), 397-405	Outcome
600	Wong, V. C. H.,Maguire, J. L.,Omand, J. A.,Dai, D. W. H.,Lebovic, G.,Parkin, P. C.,O'Connor, D. L.,Birken, C. S.,Cohn, R.,Lau, E.,Laupacis, A.,Salter, M.,Szatmari, P.,Weir, S.,Anderson, L. N.,Borkhoff, C. M.,Keown-Stoneman, C.,Kowal, C.,Mason, D.,Abdurrahman, M.,Anderson, K.,Arbess, G.,Baker, J.,Barozzino, T.,Bergeron, S.,Bhagat, D.,Bloch, G.,Bonifacio, J.,Bowry, A.,Calpin, C.,Campbell, D.,Cheema, S.,Cheng, E.,Chisamore, B.,Constantin, E.,Danayan, K.,Das, P.,Derocher, M. B.,Do, A.,Doukas, K.,Egger, A.,Farber, A.,Freedman, A.,Freeman, S.,Gazeley, S.,Guiang, C.,Ha, D.,Handford, C.,Hanson, L.,Harrington, L.,Jacobson, S.,Jagiello, L.,Jansz, G.,Kadar, P.,Kim, F.,Kiran, T.,Knowles, H.,Kwok, B.,Lakhoo, S.,Lam-Antoniades, M.,Leduc, D.,Leung, F. H.,Li, A.,Li, P.,Malach, J.,Male, R.,Mascoll, V.,Meret, A.,Mok, E.,Moodie, R.,Nader, M.,Nash, K.,Naymark, S.,Owen, J.,Peer, M.,Pena, K.,Perlmutar, M.,Persaud, N.,Pinto, A.,Porepa, M.,Qi, V.,Ramji, N.,Ramji, N.,Raza, D.,Rosenthal, A.,Rouleau, K.,Ruderman, C.,Saunderson, J.,Schiralli, V.,Sgro, M.,Shuja, H.,Shepherd, S.,Smiltnieks, B.,Srikanthan, C.,Taylor, C.,Treherne, S.,Turner, S.,Uddin, F.,van den Heuvel, M.,Vaughan, J.,Weisdorf, T.,Wijayasinghe, S.,Wong, P.,Yaremko, J.,Ying, E.,Young, E.,Zajdman, M.,Bazeghi, F.,Bouchard, V.,Bustos, M.,Camacho, C.,Dalwadi, D.,Koroshegyi, C.,Malhi, T.,Thadani, S.,Thompson, J.,Thompson, L.,Aglipay, M.,Bayoumi, I.,Carsley, S.,Cost, K.,Eny, K.,Kim, T.,Kinlin, L.,Omand, J.,Vanderhout, S.,Vanderloo, L.,Allen, C.,Boodhoo, B.,Chan, O.,Hall, J.,Juni, P.,Pope, K.,Thorpe, K.,Kandel, R.,Rodrigues, M.,Vandenberghe, H. (2019). A Positive Association Between Dietary Intake of Higher Cow's Milk-Fat Percentage and Non−High-Density Lipoprotein Cholesterol in Young Children Journal of Pediatrics, 211(#issue#), 105-111.e2	Intervention/exposure vs comparator
601	Woo, J. G.,Sucharew, H.,Su, W.,Khoury, P. R.,Daniels, S. R.,Kalkwarf, H. J. (2018). Infant Weight and Length Growth Trajectories Modeled Using Superimposition by Translation and Rotation Are Differentially Associated with Body Composition Components at 3 and 7 Years of Age J Pediatr, 196(#issue#), 182-188.e1	Outcome
602	Wopereis, H.,Sim, K.,Shaw, A.,Warner, J. O.,Knol, J.,Kroll, J. S. (2018). Intestinal microbiota in infants at high risk for allergy: Effects of prebiotics and role in eczema development J Allergy Clin Immunol, 141(4), 1334-1342.e5	Outcome
603	Wu, S. L.,Ding, D.,Fang, A. P.,Chen, P. Y.,Chen, S.,Jing, L. P.,Chen, Y. M.,Zhu, H. L. (2017). Growth, Gastrointestinal Tolerance and Stool Characteristics of Healthy Term Infants Fed an Infant Formula Containing Hydrolyzed Whey Protein (63%) and Intact Casein (37%): A Randomized Clinical Trial Nutrients, 9(11), #Pages#	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
604	Wu, Y. Y.,Lye, S.,Briollais, L. (2017). The role of early life growth development, the FTO gene and exclusive breastfeeding on child BMI trajectories Int J Epidemiol, 46(5), 1512-1522	Outcome
605	Xinias, I.,Cassimos, D.,Trypsianis, G.,Nivatsi, M.,Mavroudi, A. (2019). Immediate vs delayed cow's milk protein allergy in terms of tolerance at year 1 Annals of Allergy, Asthma and Immunology, 123(3), 304-306	Participant health
606	Yalaki, Z.,Ozmen, S.,Tasar, M. A.,Dallar, Y. (2016). The Serum Concentrations of Trace Elements and Vitamin A in Turkish Six-Month-Old Infants with Different Feeding Practices J Nutr Sci Vitaminol (Tokyo), 62(4), 235-239	Study design
607	Yang, M.,Tan, M.,Wu, J.,Chen, Z.,Long, X.,Zeng, Y.,Cai, H.,Zhang, Y.,Geng, L.,Xiao, Y.,Ke, H.,Liu, Y.,Rong, L.,Fu, S.,Wang, H.,Wang, Y.,Li, X.,Chen, P.,Li, K.,Xie, J.,Chen, H.,Li, H.,Wang, H.,Li, D. Y.,Gong, S. (2019). Prevalence, Characteristics, and Outcome of Cow's Milk Protein Allergy in Chinese Infants: A Population-Based Survey JPEN J Parenter Enteral Nutr, 43(6), 803-808	Intervention/exposure vs comparator
608	Yang, S.,Martin, R. M.,Oken, E.,Hameza, M.,Doniger, G.,Amit, S.,Patel, R.,Thompson, J.,Rifas-Shiman, S. L.,Vilchuck, K.,Bogdanovich, N.,Kramer, M. S. (2018). Breastfeeding during infancy and neurocognitive function in adolescence: 16-year follow-up of the PROBIT cluster-randomized trial PLoS Med, 15(4), e1002554	Outcome
609	Yeiser, M.,Harris, C. L.,Kirchoff, A. L.,Patterson, A. C.,Wampler, J. L.,Zissman, E. N.,Berseth, C. L. (2016). Growth and tolerance of infants fed formula with a new algal source of docosahexaenoic acid: Double-blind, randomized, controlled trial Prostaglandins Leukot Essent Fatty Acids, 115(#issue#), 89-96	Intervention/exposure vs comparator
610	Yeung, H.,Leff, M.,Rhee, K. E. (2017). Effect of Exclusive Breastfeeding Among Overweight and Obese Mothers on Infant Weight-for-Length Percentile at 1 Year Breastfeed Med, 12(#issue#), 39-47	Intervention/exposure vs comparator
611	Yorulmaz, A.,Sert, S.,Yilmaz, F. H.,Kara, F.,Cinarlidere, S. (2018). The evaluation of primary school readiness levels of the children aged 66 - 72 months with the denver II test Iranian Journal of Pediatrics, 28(5), #Pages#	Study design
612	Young, B. E.,Levek, C.,Reynolds, R. M.,Rudolph, M. C.,MacLean, P.,Hernandez, T. L.,Friedman, J. E.,Krebs, N. F. (2018). Bioactive components in human milk are differentially associated with rates of lean and fat mass deposition in infants of mothers with normal vs. elevated BMI Pediatr Obes, 13(10), 598-606	Intervention/exposure vs comparator
613	Zamora-Kapoor, A.,Omidpanah, A.,Nelson, L. A.,Kuo, A. A.,Harris, R.,Buchwald, D. S. (2017). Breastfeeding in Infancy Is Associated with Body Mass Index in Adolescence: A Retrospective Cohort Study Comparing American Indians/Alaska Natives and Non-Hispanic Whites J Acad Nutr Diet, 117(7), 1049-1056	Outcome
614	Zaragoza Cortes, J.,Trejo Osti, L. E.,Ocampo Torres, M.,Maldonado Vargas, L.,Ortiz Gress, A. A. (2018). Poor breastfeeding, complementary feeding and dietary diversity in children and their relationship with stunting in rural communities Nutr Hosp, 35(2), 271-278	Study design
615	Zavareh, M. S. A.,Hasani, M.,Darabi, M.,Mirzaei, A.,Khorshidi, A.,Saeidi, A.,Momeni, K.,Jalilian, M. (2018). Growth indicators and nutritional supplement evaluation in 6-12 months year old children's: A perspective from Ilam Electronic Journal of General Medicine, 15(3), #Pages#	Study design, Intervention/exposure vs comparator
616	Zhong, H.,Penders, J.,Shi, Z.,Ren, H.,Cai, K.,Fang, C.,Ding, Q.,Thijs, C.,Blaak, E. E.,Stehouwer, C. D. A.,Xu, X.,Yang, H.,Wang, J.,Wang, J.,Jonkers, Dmae,Masclee, A. A. M.,Brix, S.,Li, J.,Arts, I. C. W.,Kristiansen, K. (2019). Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children Microbiome, 7(1), 2	Outcome
617	Zhu, Y.,Olsen, S. F.,Mendola, P.,Halldorsson, T. I.,Yeung, E. H.,Granstrom, C.,Bjerregaard, A. A.,Wu, J.,Rawal, S.,Chavarro, J. E.,Hu, F. B.,Zhang, C. (2017). Maternal dietary intakes of refined grains during pregnancy and growth through the first 7 y of life among children born to women with gestational diabetes Am J Clin Nutr, 106(1), 96-104	Outcome
618	Zhuang, J.,Bei, F.,Qin, Y.,Sun, J.,Wu, S. (2018). Effect of high sn-2 palmitate infant formula on the excretion of fatty acids, calcium and magnesium in infants Chinese journal of clinical nutrition, 26(4), 214-220	Language
619	Zielinska, M. A.,Hamulka, J.,Grabowicz-Chadrzynska, I.,Brys, J.,Wesolowska, A. (2019). Association between Breastmilk LC PUFA, Carotenoids and Psychomotor Development of Exclusively Breastfed Infants Int J Environ Res Public Health, 16(7), #Pages#	Intervention/exposure vs comparator

	Full texts screened	Reason for exclusion
620	(2016). Five-Year Follow-Up of High-Risk Infants with Family History of Allergy Who Were Exclusively Breast-Fed or Fed Partial Whey Hydrolysate, Soy, and Conventional Cow's Milk Formulas: Expression of Serious Concern J Pediatr Gastroenterol Nutr, 63(2), 307	Study design
621	(2017). Breast really is best World of Irish Nursing & Midwifery, 25(5), 63-63	Publication status
622	(2017). Further evidence that breastfeeding reduces ill health Practising Midwife, 20(6), 1-2	Publication status
623	(2017). Relationship between growth and illness, enteropathogens and dietary intakes in the first 2 years of life: findings from the MAL-ED birth cohort study BMJ Glob Health, 2(4), e000370	Intervention/exposure vs comparator Country
624	(2018). Breastfeeding Prevents Diabetes Diabetes Self-Management, 35(5), 6-6	Publication status
625	(2018). The effects of feeding practices and appetitive traits on infant anthropometry in 6-month infants born to obese women-a secondary analysis of the UPBEAT trial Reproductive sciences (thousand oaks, calif.), Conference: 65th Annual Scientific Meeting of the Society for Gynecologic Investigation, SGI 2018. United States. 25(1), 268A	Publication status
626	(2019). 310: association of breastfeeding (BF) and IQ American journal of obstetrics and gynecology, 220(1), S217-S218	Publication status
627	(2019). Coronary Syndrome, HPV Vaccination, Acute Sore Throat, Food Allergies, Breastfeeding Am Fam Physician, 99(12), 737	Publication status, Study design