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Literature Searches Conducted for Systematic Reviews

The National Academies’ Research Center conducted two literature searches for the updated systematic review related to nutrition and the *de novo* systematic review related to toxicology. Each literature search was conducted in multiple databases using controlled vocabulary terms. The search terms and results are provided in this appendix.

LITERATURE SEARCHES CONDUCTED

FOR UPDATED SYSTEMATIC REVIEWS: NUTRITION

Key Questions: What is the relationship between maternal seafood consumption in the United States and Canada and child growth and development? What is the relationship between seafood consumption in the United States and Canada during childhood and adolescence and neurocognitive development?

Embase

Conducted: May 16, 2023

- Provider: Ovid
- Date(s) Searched: May 15, 2023
- Date range searched: From January 1, 2019
- Search Terms:

Embase <1996 to 2023 Week 19>		
1	exp pregnancy/ or exp pregnant woman/ or exp lactation/ or exp breast feeding/ or exp maternal welfare/ or exp prenatal exposure/ or exp mother/ or exp perinatal period/ or exp maternal nutrition/ or exp infant/ or exp newborn/ or exp baby/ or exp fetus/ or exp child/ or exp childhood/ or exp preschool child/ or exp adolescent/ or exp pediatrics/	3697050
2	(pregnan* or lactation or breast feeding or prenatal exposure or pre pregnancy or prenatal or maternal or mother* or postpartum or perinatal or peri natal or pre conception or preconception or peri conception or periconceptional or peripartum or gestation* or natal or puerperium or infant or newborn* or childhood or baby or babies or fetus or child or preschool or adolescent or teen* or pediatric*).ti,ab.	2399840
3	1 or 2	4272631
4	exp sea food/ or exp fish/ or exp fish consumption/ or exp fish protein/ or exp fish product/ or exp fish meal/ or exp shellfish/ or exp shellfish protein/ or exp mercurialism/ or exp methylmercury/ or exp shark/ or exp tuna/ or	305024

PRIVILEGED DRAFT: DO NOT CITE, QUOTE, OR CIRCULATE

	exp salmonine/ or exp sardine/ or exp gadiformes/ or exp flounder/ or exp atlantic cod/ or exp tilapia/ or exp shrimp/ or exp oyster/ or exp mya/ or exp bivalve/ or exp clam/ or exp scallop/ or exp brachyura/ or exp crab/ or exp perciformes/ or exp mackerel/ or exp catfish/ or exp lobster/ or exp decapodiformes/ or exp squid/ or exp halibut/ or exp crayfish/ or exp anchovy/ or exp herring/ or exp rockfish/ or exp omega 3 fatty acid/	
5	(seafood* or fish or fish consumption or fish protein* or fish product* or fish meal* or fatty fish or shellfish protein* or mercurialism or methylmercury or shark or swordfish or tuna or salmonine or salmon or sardine* or gadiformes or pollock or flounder or cod or tilapia or shrimp or oyster* or bivalve or mya or clam or clams or scallop* or crab or 152 perciformes or mackerel or catfish or trout or lobster or squid or decapodiformes or halibut or mahi mahi or crayfish or crawfish or achov* or herring or rockfish or marine product* or omega 3 fatty acid*).ti,ab.	331535
6	4 or 5	460328
7	exp mental disease/ or exp cognition/ or exp depression/ or exp dementia/ or exp anxiety/ or exp executive function/ or exp child development/ or exp developmental disorder/ or exp psychomotor performance/ or exp psychomotor disorder/ or exp problem solving/ or exp mental health/ or exp mental function/	5418348
8	(mental disorder* or cognition or cognitive or metacognition or neurocognitive or neurodevelop* or neurological or depression or alzheimer* or senility or senile or presenile or dementia or anxiety or motor skill* or executive function or attention deficit disorder or adhd or developmental disorder or language processing or language delay* or child develop* or autism or asperger or developmental delay or developmental disabilit* or developmental domain* or academic performance or academic achievement or academic failure or academic success* or mental health).ti,ab.	2115503
9	7 or 8	5919033
10	3 and 6 and 9	9968
11	limit 10 to (english language and yr="2019 -Current")	2567
12	11 and (article/ or article in press/) and humans/	1097
13	12 not (conference abstract/ or conference review/ or conference paper/ or editorial/ or erratum/ or letter/ or note/ or review/ or systematic review/ or meta analysis/)	1060

PubMed

- Provider: U.S. National Library of Medicine
- Date(s) Searched: May 15, 2023
- Date range searched: From January 1, 2019
- Search Terms:

#1 - "Pregnancy"[Mesh] OR pregnancy OR "Pregnant Women"[Mesh] OR "pregnant women" OR pregnant OR "Lactation"[Mesh] OR lactation OR "Breast Feeding"[Mesh] OR "breast feeding" OR "Maternal Health"[Mesh] OR "maternal health" OR "Prenatal Exposure Delayed Effects"[Mesh] OR "Maternal Exposure"[Mesh] OR pregnan*[tiab] OR pre-pregnancy[tiab] OR prenatal[tiab] OR maternal OR mother* OR postpartum OR perinatal OR peri-natal OR preconception OR preconception OR periconception OR periconceptional OR "Peripartum Period"[Mesh] OR peripartum[tiab] OR peri-

PRIVILEGED DRAFT: DO NOT CITE, QUOTE, OR CIRCULATE

partum[tiab] OR gestation* OR natal OR puerperium[tiab] OR "Maternal Nutritional Physiological Phenomena"[Mesh] OR "Infant"[Mesh] OR infant OR "Infant, Newborn"[Mesh] OR newborn OR baby OR babies OR "Fetus"[Mesh] OR fetus OR "Child"[Mesh] OR toddler* OR child OR children OR childhood OR "Child, Preschool"[Mesh] OR preschool OR teen* OR "Adolescent"[Mesh] OR adolescent* OR "Pediatrics"[Mesh] OR pediatric*

#2 - Seafood[tiab] OR "Seafood"[Mesh] OR seafoods[tiab] OR sea-food[tiab] OR "sea food"[tiab] OR sea-foods[tiab] OR fish[tiab] OR "fish consumption"[tiab] OR "Fishes"[Mesh] OR fishes[tiab] OR "Fish Proteins"[Mesh] OR "fish proteins"[tiab] OR "fish products"[tiab] OR "fish flour"[tiab] OR "fatty fish"[tiab] OR shellfish[tiab] OR "shellfish proteins"[tiab] OR "mercury poisoning"[tiab] OR "Mercury Poisoning"[Mesh] OR methylmercury[tiab] OR "Sharks"[Mesh] OR sharks[tiab] OR swordfish[tiab] OR "Tuna"[Mesh] OR tuna[tiab] OR "Salmon"[Mesh] OR salmon[tiab] OR sardines[tiab] OR "Gadiformes"[Mesh] OR pollock[tiab] OR "Flounder"[Mesh] OR flounder[tiab] OR cod[tiab] OR "Tilapia"[Mesh] OR tilapia[tiab] OR shrimp[tiab] OR "Ostreidae"[Mesh] OR oysters[tiab] OR "Mya"[Mesh] OR "Bivalvia"[Mesh] OR clams[tiab] OR "Pectinidae"[Mesh] OR scallops[tiab] OR "Brachyura"[Mesh] OR crab[tiab] OR "Perciformes"[Mesh] OR mackerel[tiab] OR "Catfishes"[Mesh] OR catfishes[tiab] OR "Trout"[Mesh] OR trout[tiab] OR lobster[tiab] OR "Decapodiformes"[Mesh] OR squid[tiab] OR halibut[tiab] OR "mahi mahi"[tiab] OR crawfish[tiab] OR anchovy[tiab] OR herring[tiab] OR rockfish[tiab] OR marine product[tiab] OR "Fatty Acids, Omega-3"[Mesh]

#3 - "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 "Depression"[Mesh] OR depression[tiab] OR Alzheimer*[tiab] OR senility[tiab] OR senile[tiab] OR presenile[tiab] OR "Dementia"[Mesh] OR dementia[tiab] OR anxiety[tiab] OR "Psychomotor Performance"[Mesh] OR motor skill*[tiab] OR "Executive Function"[Mesh] OR executive function* 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 delay[tiab] OR developmental disabilit*[tiab] 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] OR "Mental Health"[Mesh] OR mental health[tiab] OR "Mental Processes"[Mesh:NoExp]

#4 - (#1 AND #2 AND #3)

#5 - #4 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 2019/01/01; English

Results: 35

Cochrane Central Register of Controlled Trials (CENTRAL)

- Provider: Ovid
- Date(s) Searched: May 15, 2023

PRIVILEGED DRAFT: DO NOT CITE, QUOTE, OR CIRCULATE

- Date range searched: From January 1, 2019
- Search Terms:

EBM Reviews - Cochrane Central Register of Controlled Trials <April 2023>		
1	Pregnancy/ or Pregnant Women/ or Lactation/ or Breast Feeding/ or Maternal Health/ or Prenatal Exposure Delayed Effects/ or Maternal Exposure/ or Peripartum Period/ or Maternal Nutritional Physiological Phenomena/ or Infant/ or Infant, Newborn/ or Fetus/ or Child/ or Child, Preschool/ or Adolescent/ or Pediatrics/	206153
2	(pregnan* or lactation or breast feeding or maternal health or pre-pregnancy or prenatal or maternal or mother* or postpartum or perinatal or peri-natal or preconception or preconception or peri-conception or periconceptional or peripartum or peri-partum or gestation* or natal or puerperium or infant or newborn or baby or babies or fetus or toddler* or child or children or childhood or preschool or teen* or adolescent* or pediatric*).ti,ab,kw.	283469
3	1 or 2	378517
4	Seafood/ or Fishes/ or Fish Proteins/ or Mercury Poisoning/ or Sharks/ or Tuna/ or Salmon/ or Gadiformes/ or Flounder/ or Tilapia/ or Ostreidae/ or Mya/ or Bivalvia/ or Pectinidae/ or Brachyura/ or Perciformes/ or Catfishes/ or Trout/ or Decapodiformes/ or Fatty Acids, Omega-3/	2790
5	(seafood or seafoods or sea-food or sea food or sea-foods or fish or fish consumption or fishes or fish proteins or fish products or fish flour or fatty fish or shellfish or shellfish proteins or methylmercury or mercury poisoning or sharks or swordfish or tuna or salmon or sardines or pollock or flounder or cod or tilapia or shrimp or oysters or clams or scallops or crab or mackerel or catfishes or trout or lobster or squid or halibut or mahi mahi or crawfish or anchov* or herring or rockfish or marine product*).ti,ab,kw.	8237
6	4 or 5	9860
7	Mental Disorders/ or Cognition/ or Depression/ or Dementia/ or Psychomotor Performance/ or Executive Function/ or Child Behavior Disorders/ or Autism Spectrum Disorder/ or Child Development/ or Problem Solving/ or Mental Health/ or Mental Processes/	51328
8	(mental disorder* or cognition or cognitive or metacognition or neurocognitive or neurodevelop* or neurological or depression or Alzheimer* or senility or senile or presenile or dementia or anxiety or motor skill* 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* or mental health).ti,ab,kw.	239871
9	or/7-8	251857
10	3 and 6 and 9	443
11	limit 10 to yr="2019 -Current"	135

**LITERATURE SEARCHES CONDUCTED FOR DE NOVO SYSTEMATIC
REVIEWS: TOXICITY**

Key Questions:

- What are the exposures to toxicants from seafood before and during pregnancy, lactation, and childhood?
- What are the associations between seafood toxicant exposure during pregnancy, lactation, and childhood and child growth and development?
- What are the biological mechanisms of action (single actions, interactions, compound effects, and/or synergistic effects) through which toxicants from seafood potentially affect child growth and development?

Embase

Conducted: July 12, 2023

Provider: Ovid

- Date(s) Searched: July 12, 2023
- Date range searched: From January 1, 2000
- Search Terms:

Embase <1980 to 2023 Week 27>		
1	exp sea food/ or exp fish/ or exp fish consumption/ or exp fish protein/ or exp fish product/ or exp fish flour/ or exp shellfish/ or exp shellfish protein/ or exp mercurialism/ or exp methylmercury/ or exp shark/ or exp swordfish/ or exp tuna/ or exp salmonine/ or exp sardine/ or exp gadiformes/ or exp flounder/ or exp atlantic cod/ or exp cod/ or exp tilapia/ or exp shrimp/ or exp oyster/ or exp mya/ or exp bivalve/ or exp clam/ or exp scallop/ or exp brachyura/ or exp crab/ or exp perciformes/ or exp mackerel/ or exp lobster/ or exp decapodiformes/ or exp squid/ or exp halibut/ or exp crayfish/ or exp anchovy/ or exp herring/ or exp rockfish/ or exp cetacea/ or exp perch/ or exp bass/ or exp lake trout/ or exp catfish/ or exp sushi/ or exp salmo salar/ or exp salmonid/	321379
2	(seafood or sea foods or sea food or sea-food or sea-foods or fish consumption or fishes or fish protein or fish proteins or fish product or fish products or fish meal or fish flour or fatty fish or shellfish or shellfish proteins or mercurialism or mercury poisoning or methylmercury or sharks or swordfish or tuna or salmonine or salmon or sardine* or sardines or gadiformes or pollock or flounder or cod or tilapia or shrimp or oyster or oysters or clams or scallops or crab or crabs or perciformes or mackerel or catfishes or trout or lobster or decapodiformes or squid or halibut or mahi mahi or crayfish or crawfish or anchovy or herring or rockfish or marine product or marine products or marlin or orange roughy or tile fish or whales or perch or walleye fish or lake trout or salmonid or catfish or sushi or cerviche or sashimi or gravlax or tuna tartare or seafood crudo or fluke crudo or fluke or carpaccio or e-la-ota or poke or hinava or gohu ikan or esqueixada or kelaguen or namero or kilawin or stroganina or	204809

PRIVILEGED DRAFT: DO NOT CITE, QUOTE, OR CIRCULATE

	yusheng or koi pla or kokoda or kuai or lakerda or larb pla or ota ika or tiradito or xato or umai or salmo salar or atlantic salmon or salmonids).ti,ab,kw.	
3	or/1-2	409899
4	exp diet/ or exp dietary supplement/ or exp food/ or exp nutritional status/ or exp food analysis/ or exp nutritional value/ or exp iron/ or exp folic acid/ or exp calcium/ or exp zinc/ or exp phytate/ or exp phytic acid/ or exp polyphenol/ or exp omega 3 fatty acid/ or exp fatty acid/ or exp fish protein/ or exp mediterranean diet/ or exp fish consumption/ or exp eicosapentaenoic acid/ or exp docosapentaenoic acid/ or exp food intake/ or exp docosahexaenoic acid/ or exp meal/ or exp dietary intake/ or exp protein/ or exp vitamin D/ or exp choline/ or exp taurine/ or exp Iodine/ or exp selenium/ or exp drinking/ or exp eating/ or exp infant feeding/ or exp meat consumption/ or exp amino acid intake/ or exp dietary reference intake/ or exp fat intake/ or exp mineral intake/ or exp iodine intake/ or exp nutrient intake/ or exp protein intake/ or exp tolerable daily intake/ or exp vitamin intake/ or exp magnesium/	3808867
5	(diet or dietary supplement or dietary supplements or food or nutritional status or iron or folic acid or calcium or Zinc or phytate or phytic acid or polyphenol or polyphenols or fish species or fish tissue or fish intake or fish-rich diet or fatty acids or fatty acid or fish protein or mediterranean diet or omega-3 fatty acids or omega 3 fatty acids or omega-3 fatty acid or omega 3 fatty acid or fish consumption or eicosapentaenoic acid or docosahexaenoic acid or docosapentaenoic acid or meals or food intake or dietary intake or magnesium).ti,ab,kw.	2309077
6	or/4-5	4726709
7	exp organomercury compound/ or exp dioxins/ or exp polychlorinated biphenyl/ or exp methylmercury/ or exp monomethylmercury/ or exp dioxin/ or exp mercury/ or exp inorganic mercury/ or exp campheclor/ or exp ddt/ or exp chlordane/ or exp dieldrin/ or exp aldrin/ or exp endrin/ or exp heptachlor/ or exp hexachlorobenzene/ or exp cyclohexane/ or exp brominated flame retardant/ or exp diphenyl ether/ or exp polybrominated diphenyl ether/ or exp aquatic toxicology/ or exp aquatic toxicity/ or exp arsenic/ or exp dibenzofuran/ or exp fluorocarbon/ or exp microplastic/ or exp nanofiber/ or exp nanoplastic/ or exp cadmium/ or exp lead/ or exp chlorpyrifos/ or exp algal bloom/ or exp cyanobacterium/ or exp ciguatera/ or exp scombroid poisoning/ or exp domoic acid/ or exp Hepatitis A virus/ or exp Salmonella/ or exp Escherichia coli/	776305
8	(polyfluoroalkyl substance* or pfas or methylmercury compounds or methylmercury-toxicity or organomercury compound or organic mercury compound or mercury exposure* or organomercury or methylmercury-induced cytotoxicity or organomercurials or mercurial* or polychlorinated biphenyl or polychlorinated biphenyls or polychlorobiphenyl compounds or methylmercury or methyl mercury or methyl-mercury or mehg or monomethylmercury or methylquecksilber or dioxin or dioxins or inorganic mercury or pfos or pfoa or campheclor or toxaphene or dichlorodiphenyltrichlorethane or chlordane or chlordan or dieldrin or hexachlorobenzene or cyclohexane or brominated flame retardant* or diphenyl ether or diphenyl ethers or polybrominated diphenyl ether or polybrominated diphenyl ethers or aquatic toxicology or aquatic toxicity or aldrin or arsenic or dibenzofuran* or endrin or fluorocarbon* or furan* or heptachlor or microfiber* or microplastic* or nanofiber* or nanoplastic* or organic-fluorine* or polyfluoroalkyl substance* or total organic fluorine or cadmium or 208Pb or inorganic-lead or lead-208 or lead-ion or lead-	439955

	ore or lead-radioisotope or lead-radioisotopes or plumbum or radioisotope-lead or chlorpyrifos or chlorpyrifos-ethyl or chlorpyrifos or dursban or lorsban or o-3-5-6-trichloropyrid-2-yl-o-o-diethyl-phosphorothioate or o-o-diethyl-o-3-5-6-trichloropyrid-2-yl-phosphorothioate or o-o-diethyl-o-3-5-6-trichloro-2-pyridyl-phosphorothioate or o-o-diethyl-o-3-5-6-trichloro-2-pyridylphosphorothioate or phosphorothioic-acid-o-o-diethyl-o-3-5-6-trichloropyrid-2-yl-ester or harmful-algal-bloom or phytoplankton-bloom or blue-green-alga or blue-green-algae or blue-green-bacteria or blue-green-bacterium or blue-green-algae or Cyanobacteria or Cyanophyceae or Cyanophyta or gram-negative-oxygenic-photosynthetic-bacteria or ciguatera or histamine-fish-poisoning or histamine-food-poisoning or scombroid or scombroid-poisoning or scombroid-fish-intoxication or scombroid-fish-poisoning or scombroid-food-poisoning or scombroid-ichthyotoxicosis or scombroid-intoxication or scombroid-syndrome or scombrotoxic-fish-poisoning or scombrotoxic-poisoning or scombrotoxin-fish-poisoning or scombrotoxin-poisoning or scombrotoxisms or domoic-acid or domoate or hepatitis-A or epidemic-hepatitis-virus or HAV or Hepatitis-virus-A or Hepatovirus-A or infectious-hepatitis-virus or bacillus-paratyphi-alkaligenes or bacillus-paratyphosus or alkalescens-dispar-group or Bacillus-coli or Bacillus-escherichii or Bacterium-coli or Bacterium-coli-commune or bacterium-E3 or coli-bacillus or coli-bacterium or colibacillus or colon-bacillus or E-coli or E-coli or E-coli or Enterococcus-coli or Escherichia-alkalescens-dispart or Escherichia-coli-0100 or Escherichia-coli-0124 or Escherichia-coli-8 or Escherichia-coli-strain or Escherichia-coli-suspension).ti,ab,kw.	
9	or/7-8	909634
10	exp Mental Disease/ or exp Cognition/ or exp metacognition/ or exp Depression/ or exp Dementia/ or exp anxiety/ or exp Psychomotor Performance/ or exp motor performance/ or exp Executive Function/ or exp Child Behavior Disorder/ or exp developmental disorder/ or exp autism/ or exp language processing/ or exp language delay/ or exp Child Development/ or exp developmental delay/ or exp motor skill/ or exp Problem Solving/ or exp academic achievement/ or exp mental health/ or exp mental function/ or exp Congenital Disorder/ or exp congenital malformation/ or exp Mortality/ or exp Morbidity/ or exp chronic disease/ or exp environmental disease/ or exp child nutrition/ or exp low birth weight/ or exp Irritability/ or exp Shyness/ or exp Tremor/ or exp blindness/ or exp hearing impairment/ or exp Memory/ or exp Attention/ or exp verbal memory/ or exp Acrodynia/ or exp Kidney disease/ or exp Hypertension/ or exp tubular dysfunction/ or exp malignant neoplasm/ or exp gross motor/ or exp ataxia/ or exp fine motor/ or exp learning disorder/ or exp reading/ or exp peripheral neuropathy/ or exp neuropathy/ or exp weakness/ or exp areflexia/ or exp paresthesia/ or exp motor coordination/ or exp functional disability/ or exp visual impairment/ or exp behavior disorder/ or exp school readiness/ or exp sleep disorder/ or exp asperger syndrome/ or exp Cardiovascular disease/ or exp heart death/ or exp Neoplasm/ or exp Hypersensitivity/ or exp non insulin dependent diabetes mellitus/ or exp Asthma/ or exp allergy/ or exp atopy/ or exp Central nervous system/ or exp Immune function/ or exp cell proliferation/ or exp cell differentiation/ or exp apoptosis/ or exp Fracture/ or exp falling/ or exp thyroid gland/ or exp thyroxine/ or liothyronine/ or exp goiter/ or exp growth disorder/ or exp blood pressure/ or exp hypotension/ or exp muscle weakness/ or exp oxidative stress/	24296024

	or exp immunity/ or exp health hazard/ or exp risk factor/ or exp risk assessment/ or exp outcome assessment/ or exp infection/ or exp sexual maturity/ or exp Sexual maturation/ or exp puberty/ or exp thyroid diseases/ or exp thyroid disease/ or exp prematurity/ or exp sensitization/ or exp Inflammation/ or exp Autoimmunity/ or exp Autoimmune Disease/ or exp Brain/ or exp attention deficit hyperactivity disorder/ or exp Alzheimer disease/ or exp behavior disorder/ or exp blindness/ or exp malignant neoplasm/ or exp heart death/ or exp congenital disorder/ or exp coronary artery disease/ or exp growth/ or exp child growth/ or exp "toxicity and intoxication"/ or exp biological marker/ or exp cholesterol/ or exp low density lipoprotein cholesterol/ or exp triacylglycerol/ or exp high density lipoprotein/ or exp failure to thrive/ or exp malnutrition/ or exp protein deficiency/ or exp dyslipidemia/	
11	(mental disorder or mental disorders or cognitive or neurocognitive or neurodevelop* or neurological or Alzheimer* or senility or senile or presenile or motor skills or attention-deficit-disorder or attention-deficit-disorders or ADHD or Autism-Spectrum-Disorder or Asperger or academic performance or academic failure or academic success or mental process* or congenital abnormality or congenital abnormalities or birth defects or birth defect or chronic condition* or changes-in-vision or vision problem or changes-in-hearing or deafness or gastrointestinal or respiratory or obstruction-of-visual-field or pink disease or renal disease* or tubular injury or cancer or learning disability* or communication* or social-interactive-skills or functional disabilities or functional disability or sensorineural defect or sensorineural defects or vision loss or hearing loss or psychological disorder* or behavioral disorder* or Asperge* or coronary disease* or cardiac death or Growth-and-development or diabetes-mellitus-Type-2 or Metabolic outcome* or accidental fall* or thyroid* or triiodothyronine or mental-growth-retardation or immune-system-phenomena or hazardous substances or hazardous substance or risk factors or risk factor or risk-benefit or thyroid dysfunction or thyroid defect or thyroid defects or pre-term or neurodevelopmental disorder* or cardiovascular disease* or toenail biomarker or neurotoxicity syndrome* or academic achievement* or acrodynia or allergy or anxiety or apoptosis or areflexia or asthma or ataxia or atopy or attention or autism or autoimmune disease* or autoimmunity or blood pressure or cell differentiation or cell proliferation or central nervous system or child behavior disorder* or child behaviour disorder* or child development or child nutritional physiological phenomena or child nutritional physiological phenomena or chronic disease* or cognition or dementia or depression or developmental delay* or developmental disorder* or environmental disease or disorders-of-environmental-origin or executive function or fine motor or bone-fracture* or fractures-bone or goiter or gross motor or health hazard or hypersensitivity or hypertension or hypotension or immune function or immune system phenomena or immunity or inflammation or irritability or kidney disease or language delay* or language processing or low birth weight or memory or mental growth retardation or mental health or metacognition or morbidity or mortality or motor coordination or muscle weakness or neoplasms or neuropathy or outcome assessment or oxidative stress or paresthesia or prematurity or premature birth or problem solving or psychomotor performance or puberty or reading or risk assessment* or school readiness or sensitization or sexual maturation or sexual maturity or shyness or sleep disorder* or social interactive skill* or tremor or tubular dysfunction or	12879897

	tubular injury or verbal memory or vision loss or vision problem or weakness or 3-hydroxy-5-cholestene or 3beta-hydroxy-5-cholestene or 3beta-hydroxycholest-5-ene or 5-cholesten-3beta-ol or beta-cholesterol or cholest-5-en-3beta-ol or cholest-5-ene-3-ol or cholesterin or cholesterine or cholesterol-release or dythol or nsc-8798 or cholesterol-LDL- or LDL-cholesterol or lipoproteins-LDL-cholesterol or acylglycerol-tri or fatty-acid-triglyceride or triacyl-glyceride or triglyceride or triglycerides- or tryglyceride or alpha-7-lipoprotein or alpha-lipoprotein or HDL or high-density-lipoprotein-phospholipid or lipoprotein-alpha or lipoprotein-high-density or lipoproteins-hdl or pre-alpha-lipoprotein or very-high-density-lipoprotein or failure-to-thrive or deficient-nutrition or malnourishment or severe-acute-malnutrition- or underfeeding or undernourishment or undernutrition or deficiency-protein or dietary-protein-deficiency or dyslipaemia or dyslipemia or dyslipidaemia or dyslipidaemias or dyslipidemias- or lipidaemia-dys or lipidemia-dys).ti,ab,kw.	
12	or/10-11	25761733
13	3 and 6 and 9 and 12	14303
14	13 not ((exp animal/ or exp invertebrate/ or nonhuman/ or animal experiment/ or animal tissue/ or animal model/ or exp plant/ or exp fungus/) not (exp human/ or human tissue/))	6234
15	limit 14 to (english language and yr="2000 -Current")	5377
16	15 and (article/ or article in press/)	3167
17	16 not (conference abstract/ or conference review/ or conference paper/ or editorial/ or erratum/ or letter/ or note/ or review/ or systematic review/ or meta analysis/)	3145
18	exp Macaca/ or Haplorhini/ or Catarrhini/ or exp Platyrrhini/ or exp Gorilla/ or exp Pan paniscus/ or exp Pan troglodytes/ or hominid/ or exp chimpanzee/ or exp orangutan/ or exp Cercopithecidae/ or exp Hylobatidae/ or exp tarsiiform/ or exp prosimian/ or primate/	131426
19	(ape* or macaca* or macaque* or allenopithecus or allocebus or alouatta or alouattinae or angwantibo* or anthropoid or anthropoidea or anthropoids or aotes or aotidae or aotinae or aotus or ape or apes or arctocebus or ateles or atelidae or atelinae or avahi or aye-aye* or baboon or baboons or bonobo or bonobos or brachyteles or bushbabies or bushbaby or cacajao or callibella or callicebinae or callicebus or callimico or callithrichid* or callithrichinae or callithrix or callitrichid or callitrichidae or callitrichide or callitrichids or callitrichinae or capuchin or capuchins or carlito syricta or catarhine* or catarhini or catarrhina or catarrhine* or catarrhini or cebid or cebidae or cebids or cebinae or ceboidea or cebuella or cebus or cephalopachus or cercocebus or cercopithecid* or cercopithecinae or cercopithecine* or cercopithecini or cercopithecoid or cercopithecoidea or cercopithecoids or cercopithecus or cheirogaleidae or cheirogaleus or cheracebus or chimp or chimpanzee or chimpanzees or chimps or chiromyiformes or chiropotes or chlorocebus or colobidae or colobinae or colobine* or colobini or colobus* or cynomolgus or daubentonia or daubentoniidae or douc or doucs or erythrocebus or eulemur or eoticus or euprimate* or galagid* or galago or galagoidea or galagonidae or galagos or gelada or geladas or gibbon or gibbons or gorilla or gorillas or grivet or grivets or guenon* or guereza* or hapalemur or haplorhine* or haplorhini or haplorrhine* or haplorrhini or hominid* or hominin or homininae or hominine or hominines or hominini or hominins or hominoidea or hoolock or howler* or hylobates or hylobatidae or indri or indridae or indriid* or indris or kipunji* or	285728

	lagothrix or langur or langurs or lemur or lemurid* or lemuriform or lemuriformes or lemuriforms or lemurinae or lemuroidea or lemurs or leontideus or leontocebus or leontopithecus or lepilemur or lepilemurid* or lesula* or lophocebus or loriform or loriformes or lorinae or loris or lorises or lorisid* or lorisiform* or lorisinae or lorisoid* or lutung or lutungs or macaca or macaque's or macaque or macaques or malbrouck* or mandrill or mandrills or mandrillus or mangabey* or marmoset or marmosets or mico argentatus or mico chrysoleucos or mico emiliae or mico humilis or mico marcai or mico melanurus or mico rondoni or microcebus or miopithecus or mirza coquereli or mirza zaza or monkey or monkeys or muriqui* or nasalis larvatus or nomascus or nycticebus or oedipomidas or orang utan* or orang-utan* or orangutan* or oreonax or otolemur or pan paniscus or pan troglodytes or panin or panina or panins or papio or papionini or paragalago or perodicticinae or perodicticus or phaner or piliocolobus or pithecia or pitheciidae or pitheciid* or pitheciinae or pithecinae or platyrrhine* or platyrrhini or platyrrhina or platyrrhine* or platyrrhini or plecturocebus or pongid* or ponginae or pongo or potto or pottos or presbytini or presbytis or primate or primates or procolobus or prolemur or propithecus or prosimian* or prosimii or pseudopotto or pygathrix or rhinopithecus or rungwecebus or saguinus or saimiri or saimiriinae or sapajus or sciurocheirus or semnopithecus or siamang or siamangs or sifaka or sifakas or simians or simias or simiiform* or strepsir* or surili* or symphalangus or talapoin* or tamarin or tamarins or tamarinus or tarsier or tarsiers or tarsiid* or tarsiiform* or tarsius or theropithecus or trachypithecus or uacari* or uakari or uakaris or varecia or vervet*).ti,ab,kw.	
20	or/18-19	303922
21	13 and 20	83
22	limit 21 to (english language and yr="2000 -Current")	66
23	22 and (article/ or article in press/)	50
24	23 not (conference abstract/ or conference review/ or conference paper/ or editorial/ or erratum/ or letter/ or note/ or review/ or systematic review/ or meta analysis/)	50

PubMed

- Provider: U.S. National Library of Medicine
- Date(s) Searched: July 12, 2023
- Date range searched: From January 1, 2000
- Search Terms:

#1 - "Brachyura"[Mesh] OR "Perciformes"[Mesh] OR "Decapodiformes"[Mesh] OR "Flounder"[Mesh] OR "Fish Flour"[Mesh] OR "Mya"[Mesh] OR "Bass"[Mesh] OR "Gadiformes"[Mesh] OR "Fish Proteins"[Mesh] OR "Fish Products"[Mesh] OR "Shellfish Proteins"[Mesh] OR "Salmo salar"[Mesh] OR "Tilapia"[Mesh] OR "Tuna"[Mesh] OR "Shellfish"[Mesh] OR "Methylmercury Compounds"[Mesh] OR "Cetacea"[Mesh] OR "Gadus morhua"[Mesh] OR "Bivalvia"[Mesh] OR "Seafood"[Mesh] OR "Catfishes"[Mesh] OR "Pectinidae"[Mesh] OR "Sharks"[Mesh] OR "Salmonidae"[Mesh] OR "Perches"[Mesh] OR "Ostreidae"[Mesh] OR "Astacoidea"[Mesh] OR "Fishes"[Mesh] OR "Fish Proteins, Dietary"[Mesh] OR "Mercury Poisoning"[Mesh] or seafood[tiab] or sea foods[tiab] or sea food[tiab] or sea-food[tiab] or sea-foods[tiab] or fish consumption[tiab] or fishes[tiab] or fish protein[tiab] or fish proteins[tiab] or fish product[tiab] or fish products[tiab] or fish meal[tiab] or fish flour[tiab] or fatty fish[tiab] or shellfish[tiab] or shellfish proteins[tiab] or mercurialism[tiab] or mercury poisoning[tiab] or

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methylmercury[tiab] or sharks[tiab] or swordfish[tiab] or tuna[tiab] or salmonine[tiab] or salmon[tiab] or sardine*[tiab] or sardines[tiab] or gadiformes[tiab] or pollock[tiab] or flounder[tiab] or cod[tiab] or tilapia[tiab] or shrimp[tiab] or oyster[tiab] or oysters[tiab] or clams[tiab] or scallops[tiab] or crab[tiab] or crabs[tiab] or perciformes[tiab] or mackerel[tiab] or catfishes[tiab] or trout[tiab] or lobster[tiab] or decapodiformes[tiab] or squid[tiab] or halibut[tiab] or mahi mahi[tiab] or crayfish[tiab] or crawfish[tiab] or anchovy[tiab] or herring[tiab] or rockfish[tiab] or marine product[tiab] or marine products[tiab] or marlin[tiab] or orange roughy[tiab] or tile fish[tiab] or whales[tiab] or perch[tiab] or walleye fish[tiab] or lake trout[tiab] or salmonid[tiab] or catfish[tiab] or sushi[tiab] or cerviche[tiab] or sashimi[tiab] or gravlax[tiab] or tuna tartare[tiab] or seafood crudo[tiab] or fluke crudo[tiab] or fluke[tiab] or carpaccio[tiab] or e-la-ota[tiab] or poke[tiab] or hinava[tiab] or gohu ikan[tiab] or esqueixada[tiab] or kelaguen[tiab] or namero[tiab] or kilawin[tiab] or stroganina[tiab] or yusheng[tiab] or koi pla[tiab] or kokoda[tiab] or kuai[tiab] or lakerda[tiab] or larb pla[tiab] or ota ika[tiab] or tiradito[tiab] or xato[tiab] or umai[tiab] or salmo salar[tiab] or atlantic salmon[tiab] or salmonids[tiab]

#2 - "Phytic Acid"[Mesh] OR "Food Analysis"[Mesh] OR "Diet, Mediterranean"[Mesh] OR "Taurine"[Mesh] OR "Folic Acid"[Mesh] OR "Eicosapentaenoic Acid"[Mesh] OR "Zinc"[Mesh] OR "Vitamin D"[Mesh] OR "Selenium"[Mesh] OR "Nutritional Status"[Mesh] OR "Iron"[Mesh] OR "Iodine"[Mesh] OR "Food"[Mesh] OR "Drinking"[Mesh] OR "Diet"[Mesh] OR "Choline"[Mesh] OR "Calcium"[Mesh] OR "Diet, Food, and Nutrition"[Mesh] OR "Fatty Acids, Omega-3"[Mesh] OR "Docosahexaenoic Acids"[Mesh] OR "Dietary Supplements"[Mesh] OR "Meals"[Mesh] OR "Fatty Acids"[Mesh] OR "Fish Proteins"[Mesh] OR "Proteins"[Mesh] OR "Nutritive Value"[Mesh] OR "Recommended Dietary Allowances"[Mesh] OR "Polyphenols"[Mesh] OR "Diet, Healthy"[Mesh] OR "Diet Records"[Mesh] OR "Infant Nutritional Physiological Phenomena"[Mesh] OR "Eating"[Mesh] OR Magnesium[mh] or diet[tiab] or dietary supplement[tiab] or dietary supplements[tiab] or food[tiab] or nutritional status[tiab] or iron[tiab] or folic acid[tiab] or calcium[tiab] or Zinc[tiab] or phytate[tiab] or phytic acid[tiab] or polyphenol[tiab] or polyphenols[tiab] or fish species[tiab] or fish tissue[tiab] or fish intake[tiab] or fish-rich diet[tiab] or fatty acids[tiab] or fatty acid[tiab] or fish protein[tiab] or mediterranean diet[tiab] or omega-3 fatty acids[tiab] or omega 3 fatty acids[tiab] or omega-3 fatty acid[tiab] or omega 3 fatty acid[tiab] or fish consumption[tiab] or eicosapentaenoic acid[tiab] or docosahexaenoic acid[tiab] or docosapentaenoic acid[tiab] or meals[tiab] or food intake[tiab] or dietary intake[tiab] or magnesium[tiab]

#3 - "Hexachlorobenzene"[Mesh] OR "Mercury"[Mesh] OR "Heptachlor"[Mesh] OR "Endrin"[Mesh] OR "Dieldrin"[Mesh] OR "DDT"[Mesh] OR "Arsenic"[Mesh] OR "Aldrin"[Mesh] OR "Mercury Compounds"[Mesh] OR "Mercury Poisoning, Nervous System"[Mesh] OR "Cyclohexane Monoterpenes"[Mesh] OR "Dioxins and Dioxin-like Compounds"[Mesh] OR "Fluorocarbons"[Mesh] OR "Nanofibers"[Mesh] OR "Polychlorinated Biphenyls"[Mesh] OR "Chlordan"[Mesh] OR "Arsenic Poisoning"[Mesh] OR "Microplastics"[Mesh] OR "Dioxins"[Mesh] OR "Methylmercury Compounds"[Mesh] or Cadmium[mh] or lead[mh] or chlorpyrifos[mh] or Harmful Algal Bloom[mh] or Cyanobacteria[mh] or Ciguatera Poisoning[mh] or Hepatitis A virus[mh] or Salmonella[mh] or Escherichia coli[mh] or polyfluoroalkyl substance*[tiab] or pfas[tiab] or methylmercury compounds[tiab] or methylmercury-toxicity[tiab] or organomercury compound[tiab] or organic mercury compound[tiab] or mercury exposure*[tiab] or organomercury[tiab] or methylmercury-induced cytotoxicity[tiab] or organomercurials[tiab] or mercurial*[tiab] or polychlorinated biphenyl[tiab] or polychlorinated biphenyls[tiab] or polychlorobiphenyl compounds[tiab] or methylmercury[tiab] or methyl mercury[tiab] or methyl-mercury[tiab] or mehg[tiab] or monomethylmercury[tiab] or methylquecksilber[tiab] or dioxin[tiab] or dioxins[tiab] or inorganic mercury[tiab] or pfos[tiab] or pfoa[tiab] or campheclor[tiab] or toxaphene[tiab] or dichlorodiphenyltrichlorethane[tiab] or chlordane[tiab] or chlordan[tiab] or

dieldrin[tiab] or hexachlorobenzene[tiab] or cyclohexane[tiab] or brominated flame retardant*[tiab] or diphenyl ether[tiab] or diphenyl ethers[tiab] or polybrominated diphenyl ether[tiab] or polybrominated diphenyl ethers[tiab] or aquatic toxicology[tiab] or aquatic toxicity[tiab] or aldrin[tiab] or arsenic[tiab] or dibenzofuran*[tiab] or endrin[tiab] or fluorocarbon*[tiab] or furan*[tiab] or heptachlor[tiab] or microfiber*[tiab] or microplastic*[tiab] or nanofiber*[tiab] or nanoplastic*[tiab] or organic-fluorine*[tiab] or polyfluoroalkyl substance*[tiab] or total organic fluorine[tiab] or cadmium[tiab] or Chlorpyrifos[tiab] or lorsban[tiab] or dursban[tiab] or Algal Bloom Harmful[tiab] or Algal Blooms Harmful[tiab] or Bloom Harmful Algal[tiab] or Blooms Harmful Algal[tiab] or Harmful Algal Blooms[tiab] or Red Tide[tiab] or Red Tides[tiab] or Tide Red[tiab] or Tides Red[tiab] or Cyanobacteria[tiab] or Bacteria Blue Green[tiab] or Bacteria Blue-Green[tiab] or Blue Green Bacteria[tiab] or Algae Blue-Green[tiab] or Algae Blue Green[tiab] or Blue Green Algae[tiab] or Blue-Green Algae[tiab] or Cyanophyceae[tiab] or Blue-Green Bacteria[tiab] or Ciguatera[tiab] or Ciguatera Poisonings[tiab] or Poisoning Ciguatera[tiab] or Poisonings Ciguatera[tiab] or Ciguatera Fish Poisoning[tiab] or Ciguatera Fish Poisonings[tiab] or Poisoning Ciguatera Fish[tiab] or Poisonings Ciguatera Fish[tiab] or Ciguater[tiab] or Scombroid[tiab] or Domoic acid[tiab] or Hepatitis A viruses[tiab] or hepatitis A virus[tiab] or Salmonella[tiab]

#4 - "Blindness"[Mesh] OR "Neoplasms"[Mesh] OR "Mental Disorders"[Mesh] OR "Thyroid Diseases"[Mesh] OR "Hypersensitivity"[Mesh] OR "Mortality"[Mesh] OR "Psychomotor Performance"[Mesh] OR "Muscle Weakness"[Mesh] OR "Congenital, Hereditary, and Neonatal Diseases and Abnormalities"[Mesh] OR "Alzheimer Disease"[Mesh] OR "Language Development Disorders"[Mesh] OR "Ataxia"[Mesh] OR "Developmental Disabilities"[Mesh] OR "Attention Deficit Disorder with Hyperactivity"[Mesh] OR "Cell Proliferation"[Mesh] OR "Metacognition"[Mesh] OR "Motor Skills"[Mesh] OR "Cognition"[Mesh] OR "Hypotension"[Mesh] OR "Hypertension"[Mesh] OR "Growth Disorders"[Mesh] OR "Executive Function"[Mesh] OR "Growth and Development"[Mesh] OR "Asperger Syndrome"[Mesh] OR "Risk Assessment"[Mesh] OR "Oxidative Stress"[Mesh] OR "Apoptosis"[Mesh] OR "Outcome Assessment, Health Care"[Mesh] OR "Autoimmunity"[Mesh] OR "Tremor"[Mesh] OR "Thyroxine"[Mesh] OR "Thyroid Gland"[Mesh] OR "Shyness"[Mesh] OR "Sexual Maturation"[Mesh] OR "Reading"[Mesh] OR "Puberty"[Mesh] OR "Problem Solving"[Mesh] OR "Paresthesia"[Mesh] OR "Morbidity"[Mesh] OR "Mental Health"[Mesh] OR "Memory"[Mesh] OR "Inflammation"[Mesh] OR "Infant, Low Birth Weight"[Mesh] OR "Immunity"[Mesh] OR "Growth"[Mesh] OR "Goiter"[Mesh] OR "Depression"[Mesh] OR "Dementia"[Mesh] OR "Coronary Artery Disease"[Mesh] OR "Chronic Disease"[Mesh] OR "Child Development"[Mesh] OR "Central Nervous System"[Mesh] OR "Cell Differentiation"[Mesh] OR "Brain"[Mesh] OR "Blood Pressure"[Mesh] OR "Attention"[Mesh] OR "Asthma"[Mesh] OR "Anxiety"[Mesh] OR "Allergy and Immunology"[Mesh] OR "Acrodynia"[Mesh] OR "Memory and Learning Tests"[Mesh] OR "Central Nervous System Sensitization"[Mesh] OR "Child Behavior Disorders"[Mesh] OR "Fractures, Bone"[Mesh] OR "Risk Factors"[Mesh] OR "Depressive Disorder"[Mesh] OR "Autistic Disorder"[Mesh] OR "Vision Disorders"[Mesh] OR "Learning Disabilities"[Mesh] OR "Diabetes Mellitus, Type 2"[Mesh] OR "Child Nutritional Physiological Phenomena"[Mesh] OR "Frailty"[Mesh] OR "Hearing Loss"[Mesh] OR "Biomarkers"[Mesh] OR "Sleep Wake Disorders"[Mesh] OR "Kidney Diseases"[Mesh] OR "Cardiovascular Diseases"[Mesh] OR "Autoimmune Diseases"[Mesh] OR "Accidental Falls"[Mesh] OR "Academic Success"[Mesh] OR "Immune System Phenomena"[Mesh] OR "Vision, Low"[Mesh] OR "Irritable Mood"[Mesh] OR "Congenital Abnormalities"[Mesh] OR "Motor Skills Disorders"[Mesh] OR "Attention Deficit and Disruptive Behavior Disorders"[Mesh] OR "Central Nervous System Infections"[Mesh] OR "Brain Diseases"[Mesh] OR "Growth Charts"[Mesh] or Failure to Thrive[mh] or malnutrition[mh] or protein deficiency[mh] or Dyslipidemias[mh] or Cholesterol[mh] or "Cholesterol,

LDL"[Mesh] or Triglycerides[mh] or "Lipoproteins, HDL"[Mesh] or mental disorder[tiab] or mental disorders[tiab] or cognitive[tiab] or neurocognitive[tiab] or neurodevelop*[tiab] or neurological[tiab] or Alzheimer*[tiab] or senility[tiab] or senile[tiab] or presenile[tiab] or motor skills[tiab] or attention-deficit-disorder[tiab] or attention-deficit-disorders[tiab] or ADHD[tiab] or Autism-Spectrum-Disorder[tiab] or Asperger[tiab] or academic performance[tiab] or academic failure[tiab] or academic success[tiab] or mental process*[tiab] or congenital abnormality[tiab] or congenital abnormalities[tiab] or birth defects[tiab] or birth defect[tiab] or chronic condition*[tiab] or changes-in-vision[tiab] or vision problem[tiab] or changes-in-hearing[tiab] or deafness[tiab] or gastrointestinal[tiab] or respiratory[tiab] or obstruction-of-visual-field[tiab] or pink disease[tiab] or renal disease*[tiab] or tubular injury[tiab] or cancer[tiab] or learning disabilit*[tiab] or communication*[tiab] or social-interactive-skills[tiab] or functional disabilities[tiab] or functional disability[tiab] or sensorineural defect[tiab] or sensorineural defects[tiab] or vision loss[tiab] or hearing loss[tiab] or psychological disorder*[tiab] or behavioral disorder*[tiab] or Asperge*[tiab] or coronary disease*[tiab] or cardiac death[tiab] or Growth-and-development[tiab] or diabetes-mellitus-Type-2[tiab] or Metabolic outcome*[tiab] or accidental fall*[tiab] or thyroid*[tiab] or triiodothyronine[tiab] or mental-growth-retardation[tiab] or immune-system-phenomena[tiab] or hazardous substances[tiab] or hazardous substance[tiab] or risk factors[tiab] or risk factor[tiab] or risk-benefit[tiab] or thyroid dysfunction[tiab] or thyroid defect[tiab] or thyroid defects[tiab] or pre-term[tiab] or neurodevelopmental disorder*[tiab] or cardiovascular disease*[tiab] or toenail biomarker[tiab] or neurotoxicity syndrome*[tiab] or academic achievement*[tiab] or acrodynia[tiab] or allergy[tiab] or anxiety[tiab] or apoptosis[tiab] or areflexia[tiab] or asthma[tiab] or ataxia[tiab] or atopy[tiab] or attention[tiab] or autism[tiab] or autoimmune disease*[tiab] or autoimmunity[tiab] or blood pressure[tiab] or cell differentiation[tiab] or cell proliferation[tiab] or central nervous system[tiab] or child behavior disorder*[tiab] or child behaviour disorder*[tiab] or child development[tiab] or child nutritional physiological phenomena[tiab] or child nutritional physiological phenomena[tiab] or chronic disease*[tiab] or cognition[tiab] or dementia[tiab] or depression[tiab] or developmental delay*[tiab] or developmental disorder*[tiab] or environmental disease[tiab] or disorders-of-environmental-origin[tiab] or executive function[tiab] or fine motor[tiab] or bone-fracture*[tiab] or fractures-bone[tiab] or goiter[tiab] or gross motor[tiab] or health hazard[tiab] or hypersensitivity[tiab] or hypertension[tiab] or hypotension[tiab] or immune function[tiab] or immune system phenomena[tiab] or immunity[tiab] or inflammation[tiab] or irritability[tiab] or kidney disease[tiab] or language delay*[tiab] or language processing[tiab] or low birth weight[tiab] or memory[tiab] or mental growth retardation[tiab] or mental health[tiab] or metacognition[tiab] or morbidity[tiab] or mortality[tiab] or motor coordination[tiab] or muscle weakness[tiab] or neoplasms[tiab] or neuropathy[tiab] or outcome assessment[tiab] or oxidative stress[tiab] or paresthesia[tiab] or prematurity[tiab] or premature birth[tiab] or problem solving[tiab] or psychomotor performance[tiab] or puberty[tiab] or reading[tiab] or risk assessment*[tiab] or school readiness[tiab] or sensitization[tiab] or sexual maturation[tiab] or sexual maturity[tiab] or shyness[tiab] or sleep disorder*[tiab] or social interactive skill*[tiab] or tremor[tiab] or tubular dysfunction[tiab] or tubular injury[tiab] or verbal memory[tiab] or vision loss[tiab] or vision problem[tiab] or weakness[tiab] or Failure to thrive[tiab] or malnutrition[tiab] or protein deficiency[tiab] or Dyslipidemias[tiab] or cholesterol[tiab] or Low Density Lipoprotein Cholesterol[tiab] or beta-Lipoprotein Cholesterol[tiab] or Cholesterol beta-Lipoprotein[tiab] or beta Lipoprotein Cholesterol[tiab] or LDL Cholesterol[tiab] or Cholesteryl Linoleate LDL[tiab] or LDL Cholesteryl Linoleate[tiab] or triglycerides[tiab] or Triacylglycerols[tiab] or Triacylglycerol[tiab] or Triglyceride[tiab] or HDL Lipoproteins[tiab] or High-Density Lipoprotein[tiab] or Lipoprotein High-Density[tiab] or High-Density Lipoproteins[tiab] or High Density Lipoproteins[tiab] or Lipoproteins High-Density[tiab] or alpha-Lipoproteins[tiab] or alpha Lipoproteins[tiab] or Heavy Lipoproteins[tiab] or Lipoproteins Heavy[tiab] or High Density

Lipoprotein[tiab] or Density Lipoprotein High[tiab] or Lipoprotein High Density[tiab] or alpha-Lipoprotein[tiab] or alpha Lipoprotein[tiab] or alpha-1 Lipoprotein[tiab]

#5 – (#1 AND #2 AND #3 AND #4)

#6 - #5 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 2000/01/01; English

Results: 2,859

#7 - (catarrhini[mh:noexp] OR cercopithecidae[mh] OR gorilla gorilla[mh] OR haplorhini[mh:noexp] OR hominidae[mh:noexp] OR hylobatidae[mh] OR pan paniscus[mh] OR pan troglodytes[mh] OR platyrrhini[mh] OR pongo[mh] OR primates[mh:noexp] OR strepsirhini[mh] OR tarsii[mh] or Muridae[mh] or Murinae[mh] or Macaca[mh] or ape[tiab] apeas[tiab] or macaca[tiab] or macaque[tiab] or allenopithecus[tiab] OR allocebus[tiab] OR alouatta[tiab] OR alouattinae[tiab] OR angwantibo*[tiab] OR anthropoid[tiab] OR anthropoidea[tiab] OR anthropoids[tiab] OR aotes[tiab] OR aotidae[tiab] OR aotinae[tiab] OR aotus[tiab] OR ape[tiab] OR apes[tiab] OR arctocebus[tiab] OR ateles[tiab] OR atelidae[tiab] OR atelinae[tiab] OR avahi[tiab] OR aye-aye*[tiab] OR baboon[tiab] OR baboons[tiab] OR bonobo[tiab] OR bonobos[tiab] OR brachyteles[tiab] OR bushbabies[tiab] OR bushbaby[tiab] OR cacajao[tiab] OR callibella[tiab] OR callicebinae[tiab] OR callicebus[tiab] OR callimico[tiab] OR callithrichid*[tiab] OR callithrichinae[tiab] OR callithrix[tiab] OR callitrichid[tiab] OR callitrichidae[tiab] OR callitrichide[tiab] OR callitrichids[tiab] OR callitrichinae[tiab] OR capuchin[tiab] OR capuchins[tiab] OR carlito syricta[tiab] OR catarrhine*[tiab] OR catarrhini[tiab] OR catarrhina[tiab] OR catarrhine*[tiab] OR catarrhini[tiab] OR cebid[tiab] OR cebidae[tiab] OR cebids[tiab] OR cebinae[tiab] OR ceboidea[tiab] OR cebuella[tiab] OR cebus[tiab] OR cephalopachus[tiab] OR cercocebus[tiab] OR cercopithecoid*[tiab] OR cercopithecinae[tiab] OR cercopithecine*[tiab] OR cercopithecini[tiab] OR cercopithecoid[tiab] OR cercopithecoidae[tiab] OR cercopithecoids[tiab] OR cercopithecus[tiab] OR cheirogaleidae[tiab] OR cheirogaleus[tiab] OR cheracebus[tiab] OR chimp[tiab] OR chimpanzee[tiab] OR chimpanzees[tiab] OR chimps[tiab] OR chiromyiformes[tiab] OR chiropotes[tiab] OR chlorocebus[tiab] OR colobidae[tiab] OR colobinae[tiab] OR colobine*[tiab] OR colobini[tiab] OR colobus*[tiab] OR cynomolgus[tiab] OR daubentonia[tiab] OR daubentoniidae[tiab] OR douc[tiab] OR doucs[tiab] OR erythrocebus[tiab] OR eulemur[tiab] OR euoticus[tiab] OR euprimate*[tiab] OR galagid*[tiab] OR galago[tiab] OR galagoides[tiab] OR galagonidae[tiab] OR galagos[tiab] OR gelada[tiab] OR geladas[tiab] OR gibbon[tiab] OR gibbons[tiab] OR gorilla[tiab] OR gorillas[tiab] OR grivet[tiab] OR grivets[tiab] OR guenon*[tiab] OR guereza*[tiab] OR hapalemur[tiab] OR haplorhine*[tiab] OR haplorhini[tiab] OR haplorrhine*[tiab] OR haplorrhini[tiab] OR hominid*[tiab] OR hominin[tiab] OR homininae[tiab] OR hominine[tiab] OR hominines[tiab] OR hominini[tiab] OR hominins[tiab] OR hominoidea[tiab] OR hoolock[tiab] OR howler*[tiab] OR hylobates[tiab] OR hylobatidae[tiab] OR indri[tiab] OR indridae[tiab] OR indriid*[tiab] OR indris[tiab] OR kipunji*[tiab] OR lagothrix[tiab] OR langur[tiab] OR langurs[tiab] OR lemur[tiab] OR lemurid*[tiab] OR lemuriform[tiab] OR lemuriformes[tiab] OR lemuriforms[tiab] OR lemurinae[tiab] OR lemuroidea[tiab] OR lemurs[tiab] OR leontideus[tiab] OR leontocebus[tiab] OR leontopithecus[tiab] OR lepilemur[tiab] OR lepilemurid*[tiab] OR lesula*[tiab] OR lophocebus[tiab] OR loriform[tiab] OR loriformes[tiab] OR lorinae[tiab] OR loris[tiab] OR lorises[tiab] OR lorid*[tiab] OR lorisiform*[tiab] OR lorisinae[tiab] OR

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lorisoid*[tiab] OR lutung[tiab] OR lutungs[tiab] OR macaca[tiab] OR macaque's[tiab] OR macaque[tiab] OR macaques[tiab] OR malbrouck*[tiab] OR mandrill[tiab] OR mandrills[tiab] OR mandrillus[tiab] OR mangabey*[tiab] OR marmoset[tiab] OR marmosets[tiab] OR mico argentatus[tiab] OR mico chrysoleucus[tiab] OR mico emiliae[tiab] OR mico humilis[tiab] OR mico marcai[tiab] OR mico melanurus[tiab] OR mico rondoni[tiab] OR microcebus[tiab] OR miopithecus[tiab] OR mirza coquereli[tiab] OR mirza zaza[tiab] OR monkey[tiab] OR monkeys[tiab] OR muriqui*[tiab] OR nasalis larvatus[tiab] OR nomascus[tiab] OR nycticebus[tiab] OR oedipomidas[tiab] OR orang utan*[tiab] OR orang-utan*[tiab] OR orangutan*[tiab] OR oreonax[tiab] OR ootemur[tiab] OR pan paniscus[tiab] OR pan troglodytes[tiab] OR panin[tiab] OR panina[tiab] OR panins[tiab] OR papio[tiab] OR papionini[tiab] OR paragalago[tiab] OR perodicticinae[tiab] OR perodicticus[tiab] OR phaner[tiab] OR piliocolobus[tiab] OR pithecia[tiab] OR pitheciidae[tiab] OR pitheciid*[tiab] OR pitheciinae[tiab] OR pithecinae[tiab] OR platyrrhine*[tiab] OR platyrrhini[tiab] OR platyrrhina[tiab] OR platyrrhine*[tiab] OR platyrrhini[tiab] OR plecturocebus[tiab] OR pongid*[tiab] OR ponginae[tiab] OR pongo[tiab] OR potto[tiab] OR pottos[tiab] OR presbytini[tiab] OR presbytis[tiab] OR primate[tiab] OR primates[tiab] OR procolobus[tiab] OR prolemur[tiab] OR propithecus[tiab] OR prosimian*[tiab] OR prosimii[tiab] OR pseudopotto[tiab] OR pygathrix[tiab] OR rhinopithecus[tiab] OR rungwecebus[tiab] OR saguinus[tiab] OR saimiri[tiab] OR saimiriinae[tiab] OR sapajus[tiab] OR sciurocheirus[tiab] OR semnopithecus[tiab] OR siamang[tiab] OR siamangs[tiab] OR sifaka[tiab] OR sifakas[tiab] OR simians[tiab] OR simias[tiab] OR simiiform*[tiab] OR strepsir*[tiab] OR surili*[tiab] OR symphalangus[tiab] OR talapoin*[tiab] OR tamarin[tiab] OR tamarins[tiab] OR tamarinus[tiab] OR tarsier[tiab] OR tarsiers[tiab] OR tarsiid*[tiab] OR tarsiiform*[tiab] OR tarsius[tiab] OR theropithecus[tiab] OR trachypithecus[tiab] OR uacari*[tiab] OR uakari[tiab] OR uakaris[tiab] OR varecia[tiab] OR vervet*[tiab])

#8 - #5 AND #7

#9 - #8 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 2000/01/01; English

Results: 8

Cochrane Central Register of Controlled Trials (CENTRAL)

- Provider: Ovid
- Date(s) Searched: July 12, 2023
- Date range searched: From January 1, 2000
- Search Terms:

EBM Reviews - Cochrane Central Register of Controlled Trials <June 2023>		
1	Brachyura/ or Perciformes/ or Decapodiformes/ or Flounder/ or Fish Flour/ or Mya/ or Bass/ or Gadiformes/ or Fish Proteins/ or Fish Products/ or Shellfish Proteins/ or Salmo salar/ or Tilapia/ or Tuna/ or Shellfish/ or Methylmercury Compounds/ or Cetacea/ or Gadus morhua/ or Bivalvia/ or Seafood/ or Catfishes/ or Pectinidae/ or Sharks/ or Salmonidae/ or Perches/ or Ostreidae/ or Astacoidea/ or Fishes/ or Fish Proteins, Dietary/ or Mercury Poisoning/	595

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2	(seafood or sea foods or sea food or sea-food or sea-foods or fish consumption or fishes or fish protein or fish proteins or fish product or fish products or fish meal or fish flour or fatty fish or shellfish or shellfish proteins or mercurialism or mercury poisoning or methylmercury or sharks or swordfish or tuna or salmonine or salmon or sardine* or sardines or gadiformes or pollock or flounder or cod or tilapia or shrimp or oyster or oysters or clams or scallops or crab or crabs or perciformes or mackerel or catfishes or trout or lobster or decapodiformes or squid or halibut or mahi mahi or crayfish or crawfish or anchovy or herring or rockfish or marine product or marine products or marlin or orange roughly or tile fish or whales or perch or walleye fish or lake trout or salmonid or catfish or sushi or cerviche or sashimi or gravlax or tuna tartare or seafood crudo or fluke crudo or fluke or carpaccio or e-la-ota or poke or hinava or gohu ikan or esqueixada or kelaguen or namero or kilawin or stroganina or yusheng or koi pla or kokoda or kuai or lakerda or larb pla or ota ika or tiradito or xato or umai or salmo salar or atlantic salmon or salmonids).ti,ab,kw.	2611
3	or/1-2	2842
4	Phytic Acid/ or Food Analysis/ or Diet, Mediterranean/ or Taurine/ or Folic Acid/ or Eicosapentaenoic Acid/ or Zinc/ or Vitamin D/ or Selenium/ or Nutritional Status/ or Iron/ or Iodine/ or Food/ or Drinking/ or Diet/ or Choline/ or Calcium/ or Fatty Acids, Omega-3/ or Docosahexaenoic Acids/ or Dietary Supplements/ or Meals/ or Fatty Acids/ or Fish Proteins/ or Proteins/ or Nutritive Value/ or Recommended Dietary Allowances/ or Polyphenols/ or Diet, Healthy/ or Diet Records/ or Infant Nutritional Physiological Phenomena/ or Eating/ or Magnesium/	51955
5	(diet or dietary supplement or dietary supplements or food or nutritional status or iron or folic acid or calcium or Zinc or phytate or phytic acid or polyphenol or polyphenols or fish species or fish tissue or fish intake or fish-rich diet or fatty acids or fatty acid or fish protein or mediterranean diet or omega-3 fatty acids or omega 3 fatty acids or omega-3 fatty acid or omega 3 fatty acid or fish consumption or eicosapentaenoic acid or docosahexaenoic acid or docosapentaenoic acid or meals or food intake or dietary intake or magnesium).ti,ab,kw.	169979
6	or/4-5	186058
7	Hexachlorobenzene/ or Mercury/ or Heptachlor/ or Endrin/ or Dieldrin/ or DDT/ or Arsenic/ or Aldrin/ or Mercury Compounds/ or Mercury Poisoning/ or Cyclohexane Monoterpenes/ or Fluorocarbons/ or Nanofibers/ or Polychlorinated Biphenyls/ or Chlordan/ or Arsenic Poisoning/ or Microplastics/ or Dioxins/ or Methylmercury Compounds/ or Cadmium/ or lead/ or chlorpyrifos/ or Harmful Algal Bloom/ or Cyanobacteria/ or Ciguatera Poisoning/ or Hepatitis A virus/ or Salmonella/ or Escherichia coli/	1674
8	(polyfluoroalkyl substance* or pfas or methylmercury compounds or methylmercury-toxicity or organomercury compound or organic mercury compound or mercury exposure* or organomercury or methylmercury-induced cytotoxicity or organomercurials or mercurial* or polychlorinated biphenyl or polychlorinated biphenyls or polychlorobiphenyl compounds or methylmercury or methyl mercury or methyl-mercury or mehg or monomethylmercury or methylquecksilber or dioxin or dioxins or inorganic mercury or pfos or pfoa or campheclor or toxaphene or dichlorodiphenyltrichlorethane or chlordane or chlordan or dieldrin or hexachlorobenzene or cyclohexane or brominated flame retardant* or diphenyl ether or diphenyl ethers or polybrominated diphenyl ether	1961

	or polybrominated diphenyl ethers or aquatic toxicology or aquatic toxicity or aldrin or arsenic or dibenzofuran* or endrin or fluorocarbon* or furan* or heptachlor or microfiber* or microplastic* or nanofiber* or nanoplastic* or organic-fluorine* or polyfluoroalkyl substance* or total organic fluorine or cadmium or Chlorpyrifos or lorsban or dursban or Algal Bloom Harmful or Algal Blooms Harmful or Bloom Harmful Algal or Blooms Harmful Algal or Harmful Algal Blooms or Red Tide or Red Tides or Tide Red or Tides Red or Cyanobacteria or Bacteria Blue Green or Bacteria Blue-Green or Blue Green Bacteria or Algae Blue-Green or Algae Blue Green or Blue Green Algae or Blue-Green Algae or Cyanophyceae or Blue-Green Bacteria or Ciguatera or Ciguatera Poisonings or Poisoning Ciguatera or Poisonings Ciguatera or Ciguatera Fish Poisoning or Ciguatera Fish Poisonings or Poisoning Ciguatera Fish or Poisonings Ciguatera Fish or Ciguater or Scombroid or Domoic acid or Hepatitis A viruses or hepatitis A virus or Salmonella).ti,ab,kw.	
9	or/7-8	3331
10	Blindness/ or Neoplasms/ or Mental Disorders/ or Thyroid Diseases/ or Hypersensitivity/ or Mortality/ or Psychomotor Performance/ or Muscle Weakness/ or Alzheimer Disease/ or Language Development Disorders/ or Ataxia/ or Developmental Disabilities/ or Attention Deficit Disorder with Hyperactivity/ or Cell Proliferation/ or Metacognition/ or Motor Skills/ or Cognition/ or Hypotension/ or Hypertension/ or Growth Disorders/ or Executive Function/ or Asperger Syndrome/ or Risk Assessment/ or Oxidative Stress/ or Apoptosis/ or Outcome Assessment, Health Care/ or Autoimmunity/ or Tremor/ or Thyroxine/ or Thyroid Gland/ or Shyness/ or Sexual Maturation/ or Reading/ or Puberty/ or Problem Solving/ or Paresthesia/ or Morbidity/ or Mental Health/ or Memory/ or Inflammation/ or Infant, Low Birth Weight/ or Immunity/ or Growth/ or Goiter/ or Depression/ or Dementia/ or Coronary Artery Disease/ or Chronic Disease/ or Child Development/ or Central Nervous System/ or Cell Differentiation/ or Brain/ or Blood Pressure/ or Attention/ or Asthma/ or Anxiety/ or Acrodynia/ or Central Nervous System Sensitization/ or Child Behavior Disorders/ or Fractures, Bone/ or Risk Factors/ or Depressive Disorder/ or Autistic Disorder/ or Vision Disorders/ or Learning Disabilities/ or Diabetes Mellitus, Type 2/ or Child Nutritional Physiological Phenomena/ or Frailty/ or Hearing Loss/ or Biomarkers/ or Sleep Wake Disorders/ or Kidney Diseases/ or Cardiovascular Diseases/ or Autoimmune Diseases/ or Accidental Falls/ or Academic Success/ or Immune System Phenomena/ or Vision, Low/ or Irritable Mood/ or Congenital Abnormalities/ or Motor Skills Disorders/ or Central Nervous System Infections/ or Brain Diseases/ or Growth Charts/ or Failure to Thrive/ or malnutrition/ or protein deficiency/ or Dyslipidemias/ or Cholesterol/ or "Cholesterol, LDL"/ or Triglycerides/ or "Lipoproteins, HDL"/	294130
11	(mental disorder or mental disorders or cognitive or neurocognitive or neurodevelop* or neurological or Alzheimer* or senility or senile or presenile or motor skills or attention-deficit-disorder or attention-deficit-disorders or ADHD or Autism-Spectrum-Disorder or Asperger or academic performance or academic failure or academic success or mental process* or congenital abnormality or congenital abnormalities or birth defects or birth defect or chronic condition* or changes-in-vision or vision problem or changes-in-hearing or deafness or gastrointestinal or respiratory or obstruction-of-visual-field or pink disease or renal disease* or tubular injury or cancer or learning disabilit* or communication* or social-interactive-skills or functional disabilities or functional	942555

	<p>disability or sensorineural defect or sensorineural defects or vision loss or hearing loss or psychological disorder* or behavioral disorder* or Asperge* or coronary disease* or cardiac death or Growth-and-development or diabetes-mellitus-Type-2 or Metabolic outcome* or accidental fall* or thyroid* or triiodothyronine or mental-growth-retardation or immune-system-phenomena or hazardous substances or hazardous substance or risk factors or risk factor or risk-benefit or thyroid dysfunction or thyroid defect or thyroid defects or pre-term or neurodevelopmental disorder* or cardiovascular disease* or toenail biomarker or neurotoxicity syndrome* or academic achievement* or acrodynia or allergy or anxiety or apoptosis or areflexia or asthma or ataxia or atopy or attention or autism or autoimmune disease* or autoimmunity or blood pressure or cell differentiation or cell proliferation or central nervous system or child behavior disorder* or child behaviour disorder* or child development or child nutritional physiological phenomena or child nutritional physiological phenomena or chronic disease* or cognition or dementia or depression or developmental delay* or developmental disorder* or environmental disease or disorders-of-environmental-origin or executive function or fine motor or bone-fracture* or fractures-bone or goiter or gross motor or health hazard or hypersensitivity or hypertension or hypotension or immune function or immune system phenomena or immunity or inflammation or irritability or kidney disease or language delay* or language processing or low birth weight or memory or mental growth retardation or mental health or metacognition or morbidity or mortality or motor coordination or muscle weakness or neoplasms or neuropathy or outcome assessment or oxidative stress or paresthesia or prematurity or premature birth or problem solving or psychomotor performance or puberty or reading or risk assessment* or school readiness or sensitization or sexual maturation or sexual maturity or shyness or sleep disorder* or social interactive skill* or tremor or tubular dysfunction or tubular injury or verbal memory or vision loss or vision problem or weakness or Failure to thrive or malnutrition or protein deficiency or Dyslipidemias or cholesterol or Low Density Lipoprotein Cholesterol or beta-Lipoprotein Cholesterol or Cholesterol beta-Lipoprotein or beta Lipoprotein Cholesterol or LDL Cholesterol or Cholesteryl Linoleate LDL or LDL Cholesteryl Linoleate or triglycerides or Triacylglycerols or Triacylglycerol or Triglyceride or HDL Lipoproteins or High-Density Lipoprotein or Lipoprotein High-Density or High-Density Lipoproteins or High Density Lipoproteins or Lipoproteins High-Density or alpha-Lipoproteins or alpha Lipoproteins or Heavy Lipoproteins or Lipoproteins Heavy or High Density Lipoprotein or Density Lipoprotein High or Lipoprotein High Density or alpha-Lipoprotein or alpha Lipoprotein or alpha-1 Lipoprotein).ti,ab,kw.</p>	
12	or/10-11	1018770
13	3 and 6 and 9 and 12	32
14	limit 13 to (yr="2000 -Current" and english language)	30
15	catarrhini/ or cercopithecidae/ or gorilla gorilla/ or haplorhini/ or hominidae/ or hylobatidae/ or pan paniscus/ or pan troglodytes/ or platyrrhini/ or pongo/ or primates/ or strepsirhini/ or tarsii/ or Muridae/ or Murinae/ or Macaca/	137
16	(gelada or geladas or gibbon or gibbons or gorilla or gorillas or grivet or grivets or guenon* or guereza* or hapalemur or haplorhine* or haplorhini or haplorrhine* or haplorrhini or hominid* or hominin or homininae or hominine or hominines or hominini or hominins or hominoidea or hoolock or howler* or hylobates or hylobatidae or indri or indridae or indriid* or indris or kipunji* or lagotherix or	1184

	langur or langurs or lemur or lemurid* or lemuriform or lemuriformes or lemuriforms or lemuringae or lemuroidea or lemurs or leontideus or leontocebus or leontopithecus or lepilemur or lepilemurid* or lesula* or lophocebus or loriform or loriformes or lorinae or loris or lorises or lorisid* or lorisiform* or lorisinae or lorisoid* or lutung or lutungs or macaca or macaque's or macaque or macaques or malbrouck* or mandrill or mandrills or mandrillus or mangabey* or marmoset or marmosets or mico argentatus or mico chrysoleucos or mico emiliae or mico humilis or mico marcai or mico melanurus or mico rondoni or microcebus or miopithecus or mirza coquereli or mirza zaza or monkey or monkeys or muriqui* or nasalis larvatus or nomascus or nycticebus or oedipomidas or orang utan* or orang-utan* or orangutan* or oreonax or otolemur or pan paniscus or pan troglodytes or panin or panina or panins or papio or papionini or paragalago or perodicticinae or perodicticus or phaner or piliocolobus or pithecia or pithecidae or pitheciid* or pitheciinae or pithecinae or platyrhine* or platyrhini or platyrrhina or platyrrhine* or platyrrhini or plecturocebus or pongid* or ponginae or pongo or potto or pottos or presbytini or presbytis or primate or primates or procolobus or prolemur or propithecus or prosimian* or prosimii or pseudopotto or pygathrix or rhinopithecus or rungwecebus or saguinus or saimiri or saimiriinae or sapajus or sciurocheirus or semnopithecus or siamang or siamangs or sifaka or sifakas or simians or simias or simiiform* or strepsir* or surili* or symphalangus or talapoin* or tamarin or tamarins or tamarinus or tarsier or tarsiers or tarsiid* or tarsiiform* or tarsius or theropithecus or trachypithecus or uacari* or uakari or uakaris or varecia or vervet*).ti,ab,kw.	
17	or/15-16	1244
18	14 and 17	0