

Supplementary File S1: Search Strategies

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Research Question:

1. What is the extent of evidence on the relationship between outdoor PM2.5 exposure and the development of anemia—including iron deficiency anemia—and how do changes in nutrient levels (such as iron, vitamin B12, and vitamin D) impact this association across diverse populations?
2. Is the relationship between PM2.5, anemia and nutrients different in vulnerable populations?
 - 2a. Are vulnerable populations exposed to more PM2.5?
 - 2b. Are vulnerable populations more susceptible to the effects of PM2.5 on anemia?
 - 2c. Do vulnerable populations face challenges in the availability and access to nutrients?

Seed Articles:

PMID: 37563211 OR 31861047 OR 36535189 OR 38607561 OR 40416676

Search Strategy Development:

The search strategy was developed through consultation with the authors (public health, medical nutritional, and environmental sciences specialists), keywords and terms found within the exemplar (seed) articles and corresponding controlled vocabularies of the searched databases were included within the search strategies. The search was designed to balance sensitivity and specificity in an effort to acquire the topic-related available literature while avoiding “noise” in the results. The search strategy was peer-reviewed according to the [PRESS guidelines](#) by Health Sciences Librarian (NA) [54]. The databases were chosen by availability of access through the university library and corresponding topic coverage. The following databases were searched on 10/03/2025: PubMed, CINAHL Ultimate(Ebsco), Web of Science, Core Collection and Embase(Elsevier) by Health Sciences Librarian (LL).

Key to Database Syntax

Syntax	Definition
AND, OR	Boolean operators to indicate additional to or optional terms
[Mesh], MH	Indicates controlled vocabulary terms
[tiab], TI, AB, :ti,ab	Field operators: search title, abstract

[tiab:~#], (N#), (NEAR/#),	Proximity operators: search terms that may be separated within a specified distance in a statement
/ (at the end of a term)	Subject heading
+, exp	Exploded subject heading to include narrower terms associated with the main term
*	Truncation operator. Retrieves multiple endings for a root word.

PubMed Date searched: 10/03/2025 Limiter(s): Date 2005-2025 Combine number of results: 409			
Line No.	Concept	Search strategy	Results
#1	Exposure: PM2.5	PM2.5[tiab] OR "Particulate Matter"[Mesh] OR "particulate matter"[tiab] OR coal[tiab] OR ash[tiab] OR soot[tiab] OR dust[tiab] OR smog[tiab] OR multipollutant*[tiab] OR "Air Pollution"[Mesh] OR "air pollut*" OR "Inhalation Exposure"[Mesh] OR "Traffic-Related Pollution"[Mesh] OR "traffic-related air pollut*" [tiab] OR "TRAP"[tiab] OR "ultrafine particulate matter"[tiab] OR "ultrafine particle*" [tiab] OR "airborne particulate matter"[tiab] OR "inhalable particulate"[tiab] OR "respirable particulate"[tiab]	328,138
#2	Outcome: Anemia	"Anemia"[Mesh] OR anemi*[tiab] OR anaemi*[tiab] OR "hemoglobins"[Mesh] OR hemoglobin*[tiab] OR haemoglobin*[tiab] OR "hematocrit"[Mesh] OR hematocrit*[tiab] OR "Blood iron"[tiab] OR "Iron Deficiencies"[Mesh] OR "iron deficien*" [tiab] OR "Erythropoiesis"[Mesh] OR erythropoiesis[tiab] OR "Vitamin B 12 Deficiency"[Mesh] OR "Vitamin D Deficiency"[Mesh] OR "vitamin deficienc*" [tiab] OR HbA1c[tiab] OR "Folic Acid Deficiency"[MeSH] OR "folic acid deficienc*" [tiab] OR hypochromi*[tiab] OR ferriprive*[tiab] OR ferrihemoglobin[tiab] OR ferrihaemoglobin[tiab] OR "iron blood level"[tiab] OR folate[tiab] OR "folic acid"[tiab] OR thrombocytop*[tiab] OR "red blood cell form*" [tiab] OR erythrogenesis[tiab] OR "cobalamin deficienc*" [tiab]	715,710
#3	Outcome: Malnutrition	"Micronutrients"[Mesh] OR "micronutrient*" [tiab] OR "Nutritional Status"[Mesh] OR nutrition*[tiab] OR nutrient*[tiab] OR "Antioxidants"[Mesh] OR "Antioxidant*" [tiab] OR "Malnutrition"[Mesh] OR malnutrition[tiab] OR malnourishment[tiab] OR undernutrition[tiab] OR underweight[tiab] OR "Vitamin D"[Mesh] OR "Vitamin D"[tiab] OR "Vitamin B 12"[Mesh] OR "Vitamin B 12"[tiab] OR "Vitamin B12"[tiab] OR "Folic Acid"[Mesh] OR "Folic Acid"[tiab] OR undernourish*[tiab]	1,315,171

		OR underfed[tiab] OR underfeed*[tiab] OR "weight insufficien**"[tiab] OR cobalamin[tiab]	
#4		#1 AND #2 AND #3	751
#5	Filter: Animal studies[57]	((Plants[MESH] OR Animals[MESH] NOT Humans[MESH])	5,583,428
#6		#4 NOT #5	554
#7	Filter: High level evidence reviews [55]	((systematic* [ti] AND review [ti]) OR Systematic overview* [ti] OR Cochrane review* [ti] OR systemic review* [ti] OR scoping review [ti] OR scoping literature review [ti] OR mapping review [ti] OR Umbrella review* [ti] OR (review of reviews [ti] OR overview of reviews [ti]) OR meta-review [ti] OR (integrative review [ti] OR integrated review [ti] OR integrative overview [ti] OR meta-synthesis [ti] OR metanalysis [ti] OR quantitative review [ti] OR quantitative synthesis [ti] OR research synthesis [ti] OR meta-ethnography [ti]) OR Systematic literature search [ti] OR Systematic literature research [ti] OR meta-analyses [ti] OR metaanalyses [ti] OR metaanalysis [ti] OR meta-analysis [ti] OR meta-analytic review [ti] OR meta-analytical review [ti] OR meta-analysis [pt] OR ((search* [tiab] OR medline [tiab] OR pubmed [tiab] OR embase [tiab] OR Cochrane [tiab] OR scopus [tiab] OR web of science [tiab] OR sources of information [tiab] OR data sources [tiab] OR following databases [tiab]) AND (study selection [tiab] OR selection criteria [tiab] OR eligibility criteria [tiab] OR inclusion criteria [tiab] OR exclusion criteria [tiab])) OR systematic review [pt])	571,844
#8		#6 NOT #7	540
#9	Limiter: Date	2005-2025	409

CINAHL Ultimate (EBSCO)

Date Searched: 10/03/2025

Limiter(s): 2005-2025

Combined number of results: 74

Line #	Concept	Search Strategy	Results
S1	Exposure	MH "Particulate Matter" OR MH "Air Pollution" OR MH "Air Pollutants" OR MH "Air Pollutants, Environmental" OR MH "Traffic Pollution" OR MH "Environmental Pollutants" OR MH "Environmental Pollution" OR MH "Smog" OR TI("particulate matter"OR coal OR ash OR soot OR dust	29,481

		OR smog OR multipollutant* OR "traffic-related air pollut*" OR "TRAP" OR "ultrafine particulate matter" OR "ultrafine particle" OR "airborne particulate matter" OR "inhalable particulate" OR "respirable particulate") OR AB("particulate matter"OR coal OR ash OR soot OR dust OR smog OR multipollutant* OR "traffic-related air pollut*" OR "TRAP" OR "ultrafine particulate matter" OR "ultrafine particle" OR "airborne particulate matter" OR "inhalable particulate" OR "respirable particulate")	
S2	Outcome	MH "Anemia" OR MH "Hemoglobins" OR MH "Hematocrit" OR MH "Iron Deficiencies" OR MH "Erythropoiesis" OR MH "Vitamin B12 Deficiency" OR MH "Vitamin D Deficiency" OR MH "Folic Acid Deficiency" OR TI(anemi* OR anaemi* OR hemoglobin* OR haemoglobin* OR hematocrit OR "blood iron" OR "iron deficien*" OR erythropoiesis OR "vitamin deficienc*" OR HbA1c OR "folic acid deficienc*" OR Hypochromi* OR ferriprive* OR ferrihemoglobin OR ferrihaemoglobin OR "iron blood level" OR folate OR "folic acid" OR thrombocytop* OR "red blood cell form*" OR erythrogesis OR "cobalamin deficienc*" OR AB(anemi* OR anaemi* OR hemoglobin* OR haemoglobin* OR hematocrit OR "blood iron" OR "iron deficien*" OR erythropoiesis OR "vitamin deficienc*" OR HbA1c OR "folic acid deficienc*" OR Hypochromi* OR ferriprive* OR ferrihemoglobin OR ferrihaemoglobin OR "iron blood level" OR folate OR "folic acid" OR thrombocytop* OR "red blood cell form*" OR erythrogesis OR "cobalamin deficienc*")	115,645
S3	Outcome	MH "Nutritional Status" OR MH "Micronutrients" OR MH "Antioxidants" OR MH "Malnutrition" OR MH "Vitamin D" OR MH "Vitamin B12" OR MH "Folic Acid" OR TI(micronutrient* OR "nutritional status" OR nutrient* OR antioxidant* OR malnutrition OR malnourishment OR undernutrition OR underweight OR "vitamin D" OR "vitamin b12" OR "vitamin B 12" OR "folic acid" OR undernourish* OR underfed OR underfeed* OR "weight insufficien*" OR cobalamin) OR AB(micronutrient* OR "nutritional status" OR nutrient* OR antioxidant* OR malnutrition OR malnourishment OR undernutrition OR underweight OR "vitamin D" OR "vitamin b12" OR "vitamin B 12" OR "folic acid" OR undernourish* OR underfed OR underfeed* OR "weight insufficien*" OR cobalamin)	155,210
S4		S1 AND S2 AND S3	91
S5	Filter = Animal Studies	(MH "Vertebrates+" OR MH "Animal Studies") NOT MH "Human"	227,445
S6		S4 NOT S5	85
S7	Filter = High	MH "Systematic Review" OR MH "Scoping Review" OR	504,615

	level evidence reviews	MH "Evidence Gaps" OR TI(systematic* OR "systematic overview" OR "cochrane review" OR "systematic review*" OR "scoping review*" OR "scoping literature review*" OR "mapping review*" OR "umbrella review*" OR "review of reviews" OR "overview of reviews" OR meta-review OR "integrat* review*" OR metasynthesis OR metasyntheses OR "quantitative review*" OR "quantitative synthesis" OR "research synthesis" OR meta-ethnography OR "systematic literature search" OR "systematic literature research" OR metaanalysis OR metaanalyses OR meta-analysis OR meta-analyses OR "meta-analytic review" OR "meta-analytical review" OR meta-analysis OR meta-analyses OR search* OR medline OR pubmed OR embase OR cochrane OR scopus OR "web of science" OR "sources of information" OR "data sources" OR "following databases" AND "study selection" OR "selection criteria" OR "eligibility criteria" OR "inclusion criteria" OR "exclusion criteria") OR AB(systematic* OR "systematic overview" OR "cochrane review" OR "systematic review*" OR "scoping review*" OR "scoping literature review*" OR "mapping review*" OR "umbrella review*" OR "review of reviews" OR "overview of reviews" OR meta-review OR "integrat* review*" OR metasynthesis OR metasyntheses OR "quantitative review*" OR "quantitative synthesis" OR "research synthesis" OR meta-ethnography OR "systematic literature search" OR "systematic literature research" OR metaanalysis OR metaanalyses OR meta-analysis OR meta-analyses OR "meta-analytic review" OR "meta-analytical review" OR meta-analysis OR meta-analyses OR search* OR medline OR pubmed OR embase OR cochrane OR scopus OR "web of science" OR "sources of information" OR "data sources" OR "following databases" AND "study selection" OR "selection criteria" OR "eligibility criteria" OR "inclusion criteria" OR "exclusion criteria")	
S8		S6 NOT S7	80
S9	Limiter: Date	01/01/2005-10/03/2025	74

Web of Science, Core Collection

Date Searched: 10/03/2025

Limiter(s): 2005-2025

Combined number of results: 96

Line #	Concept	Search strategy	Results
#1	Exposure	TI=(PM2.5 OR "Particulate Matter" OR coal OR ash OR	352,572

		soot OR dust OR smog OR multipollutant* OR "air pollut*" OR "Inhalation Exposure" OR "Traffic-Related Pollut*" OR "traffic-related air pollut*" OR "TRAP" OR "ultrafine partic*" OR "ultrafine particulate matter" OR "ultrafine particle" OR "airborne particulate matter" OR "inhalable particulate" OR respirable particulate") OR AB=(PM2.5 OR "Particulate Matter" OR coal OR ash OR soot OR dust OR smog OR multipollutant* OR "air pollut*" OR "Inhalation Exposure" OR "Traffic-Related Pollut*" OR "traffic-related air pollut*" OR "TRAP" OR "ultrafine partic*" OR "ultrafine particulate matter" OR "ultrafine particle" OR "airborne particulate matter" OR "inhalable particulate" OR respirable particulate")	
#2	Outcome	TI=(anemi* OR anaemi* OR hemoglobin* OR haemoglobin* OR hematocrit* OR "Blood iron" OR "iron deficient*" OR "Erythropoiesis" OR "Vitamin B 12 Deficiency" OR "Vitamin D Deficiency" OR "vitamin deficienc*" OR HbA1c OR "folic acid deficienc*" OR hypochromi* OR ferriprive* OR ferrihemoglobin OR ferrihaemoglobin OR "iron blood level" OR folate OR "folic acid" OR thrombocytop* OR "red blood cell form*" OR erythroogenesis OR "cobalamin deficienc*") OR AB=(anemi* OR anaemi* OR hemoglobin* OR haemoglobin* OR hematocrit* OR "Blood iron" OR "iron deficient*" OR "Erythropoiesis" OR "Vitamin B 12 Deficiency" OR "Vitamin D Deficiency" OR "vitamin deficienc*" OR HbA1c OR "folic acid deficienc*" OR hypochromi* OR ferriprive* OR ferrihemoglobin OR ferrihaemoglobin OR "iron blood level" OR folate OR "folic acid" OR thrombocytop* OR "red blood cell form*" OR erythroogenesis OR "cobalamin deficienc*")	578,162
#3	Outcome	TI=("Micronutrients" OR "micronutrient*" OR "Nutritional Status" OR nutrition* OR nutrient* OR "Antioxidant*" OR "Malnutrition" OR malnourishment OR undernutrition OR underweight OR "Vitamin D" OR "Vitamin B 12" OR "Vitamin B12" OR "Folic Acid" OR undernourish* OR underfed OR underfeed* OR "weight insufficien*") OR AB=("Micronutrients" OR "micronutrient*" OR "Nutritional Status" OR nutrition* OR nutrient* OR "Antioxidant*" OR malnutrition OR malnourishment OR undernutrition OR underweight OR "Vitamin D" OR "Vitamin B 12" OR "Vitamin B12" OR "Folic Acid" OR undernourish* OR underfed OR underfeed* OR "weight insufficien*")	1,611,169
#4		#1 AND #2 AND #3	120
#5	Filter: Animal studies	TI= (animal* OR rat OR rats OR mouse OR mice OR murine OR dog OR dogs OR canine OR cat OR cats OR	3,357,735

		feline OR rabbit OR cow OR cows OR bovine OR rodent* OR sheep OR ovine OR pig OR swine OR porcine OR veterinar* OR chick* OR zebrafish* OR baboon* OR nonhuman* OR primate* OR cattle* OR goose OR geese OR duck OR macaque* OR avian* OR bird* OR fish* OR trout* or marmoset* or chimp*) NOT TS=(human* OR patient* OR women OR woman OR men OR man or child*)	
#6		#4 NOT #5	111
#7	Filter: High level review studies	TI=(systematic* OR "systematic overview" OR "cochrane review" OR "systematic review*" OR "scoping review*" OR "scoping literature review*" OR "mapping review*" OR "umbrella review*" OR "review of reviews" OR "overview of reviews" OR meta-review OR "integrat* review*" OR metasynthesis OR metasyntheses OR "quantitative review*" OR "quantitative synthesis" OR "research synthesis" OR meta-ethnogrphy OR "systematic literature search" OR "systematic literature research" OR metaanalysis OR metaanalyses OR meta-analysis OR meta-analyses OR "meta-analytic review" OR "meta-analytical review" OR meta-analysis OR meta-analyses OR search* OR medline OR pubmed OR embase OR cochrane OR scopus OR "web of science" OR "sources of information" OR "data sources" OR "following databases" AND "study selection" OR "selection criteria" OR "eligibility criteria" OR "inclusion criteria" OR "exclusion criteria") OR AB=(systematic* OR "systematic overview" OR "cochrane review" OR "systematic review*" OR "scoping review*" OR "scoping literature review*" OR "mapping review*" OR "umbrella review*" OR "review of reviews" OR "overview of reviews" OR meta-review OR "integrat* review*" OR metasynthesis OR metasyntheses OR "quantitative review*" OR "quantitative synthesis" OR "research synthesis" OR meta-ethnogrphy OR "systematic literature search" OR "systematic literature research" OR metaanalysis OR metaanalyses OR meta-analysis OR meta-analyses OR "meta-analytic review" OR "meta-analytical review" OR meta-analysis OR meta-analyses OR search* OR medline OR pubmed OR embase OR cochrane OR scopus OR "web of science" OR "sources of information" OR "data sources" OR "following databases" AND "study selection" OR "selection criteria" OR "eligibility criteria" OR "inclusion criteria" OR "exclusion criteria")	3,180,503
#8		#6 NOT #7	104

#9	Limiter: Date	2005-2025	96
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Embase (Elsevier)

Date Searched: 10/03/2025

Limiter(s): 2005-2025; mapping off

Combined Number of Results: 2,891

Line #	Concept	Search Strategy	Results
#1	Exposure	'air pollution'/exp OR 'dust and dust related phenomena'/exp OR 'smoke'/exp OR 'pollution and pollution related phenomena'/exp OR 'environmental exposure'/exp OR 'industrial waste'/exp OR PM2.5:ti,ab,de OR "Particulate Matter":ti,ab,de OR coal:ti,ab,de OR ash:ti,ab,de OR soot:ti,ab,de OR dust:ti,ab,de OR smog:ti,ab,de OR multipollutant*:ti,ab,de OR "air pollut*":ti,ab,de OR "Inhalation Exposure":ti,ab,de OR "Traffic-Related Pollut*":ti,ab,de OR "traffic-related air pollut*":ti,ab,de OR "TRAP":ti,ab,de OR "ultrafine particulate matter":ti,ab,de OR "ultrafine particle*":ti,ab,de OR "airborne particulate matter":ti,ab,de OR "inhalable particulate":ti,ab,de OR "respirable particulate":ti,ab,de	1,074,135
#2	Outcome	'anemia'/exp OR 'hemoglobin'/exp OR 'hematocrit'/exp OR 'iron blood level'/exp OR 'iron deficiency'/exp OR 'erythropoiesis'/exp OR 'folic acid blood level'/exp OR 'vitamin deficiency'/exp OR 'hemoglobin A1c'/exp OR 'folic acid deficiency'/exp OR 'folic acid'/exp OR 'thrombocytopenia'/exp OR anemi*:ti,ab,de OR anaemi*:ti,ab,de OR hemoglobin*:ti,ab,de OR haemoglobin*:ti,ab,de OR hematocrit*:ti,ab,de OR "Blood iron":ti,ab,de OR "iron deficien*":ti,ab,de OR "Erythropoiesis":ti,ab,de OR "Vitamin B 12 Deficiency":ti,ab,de OR "Vitamin D Deficiency":ti,ab,de OR "vitamin deficienc*":ti,ab,de OR HbA1c:ti,ab,de OR "folic acid deficienc*":ti,ab,de OR hypochromi*:ti,ab,de OR ferriprive*:ti,ab,de OR ferrihemoglobin:ti,ab,de OR ferrihaemoglobin:ti,ab,de OR "iron blood level":ti,ab,de OR folate:ti,ab,de OR "folic acid":ti,ab,de OR thrombocytop*:ti,ab,de OR "red blood cell form*":ti,ab,de OR erythrogenesis:ti,ab,de OR "cobalamin deficienc*":ti,ab,de	1,577,563
#3	Outcome	nutritional deficiency/exp OR 'malnutrition'/exp OR 'antioxidant'/exp OR 'vitamin D'/exp OR 'vitamin B group'/exp OR 'cobalamin derivative'/exp OR 'folic acid derivative'/exp OR 'underweight'/exp OR "Micronutrients":ti,ab,de OR "micronutrient*":ti,ab,de OR "Nutritional Status":ti,ab,de OR nutrition*:ti,ab,de OR nutrient*:ti,ab,de OR "Antioxidant*":ti,ab,de OR	2,307,691

		"Malnutrition":ti,ab,de OR malnourishment:ti,ab,de OR undernutrition:ti,ab,de OR underweight:ti,ab,de OR "Vitamin D":ti,ab,de OR "Vitamin B 12":ti,ab,de OR "Vitamin B12":ti,ab,de OR "Folic Acid":ti,ab,de OR undernourish*:ti,ab,de OR underfed:ti,ab,de OR underfeed*:ti,ab,de OR "weight insufficien*":ti,ab,de	
#4		#1 AND #2 AND #3	3,930
#5	Filter: Animal studies	((animal experiment/exp) NOT ('human'/exp OR 'assessment of humans'/exp))	2,748,697
#6		#4 NOT #5	3,523
#7	Filter: High level evidence reviews[56]	'systematic review'/de OR 'systematic review (topic)'/de OR (('comprehensive':ti,ab,kw OR 'mapping':ti,ab,kw OR 'methodology':ti,ab,kw OR 'scoping':ti,ab,kw OR 'systematic':ti,ab,kw) AND ('search':ti,ab,kw OR 'searched':ti,ab,kw OR 'searches':ti,ab,kw OR 'studies':ti,ab,kw) AND ('cinahl':ti,ab,kw OR 'cochrane':ti,ab,kw OR 'embase':ti,ab,kw OR 'psycinfo':ti,ab,kw OR 'pubmed':ti,ab,kw OR 'medline':ti,ab,kw OR 'scopus':ti,ab,kw OR 'web of science':ti,ab,kw OR 'bibliographic review':ti,ab,kw OR 'bibliographic reviews':ti,ab,kw OR 'literature review':ti,ab,kw OR 'literature reviews':ti,ab,kw OR 'literature search':ti,ab,kw OR 'literature searches':ti,ab,kw OR 'qualitative review':ti,ab,kw OR 'qualitative reviews':ti,ab,kw OR 'quantitative review':ti,ab,kw OR 'quantitative reviews':ti,ab,kw)) OR 'comprehensive review':ti,ab,kw OR 'comprehensive reviews':ti,ab,kw OR 'comprehensive search':ti,ab,kw OR 'comprehensive searches':ti,ab,kw OR 'critical review':ti,ab,kw OR 'critical reviews':ti,ab,kw OR (('electronic database':ti,ab,kw OR 'electronic databases':ti,ab,kw OR databases NEAR/3 searched) AND (eligibility:ti,ab,kw OR excluded:ti,ab,kw OR exclusion:ti,ab,kw OR included:ti,ab,kw OR inclusion:ti,ab,kw)) OR 'evidence assessment':ti,ab,kw OR 'evidence review':ti,ab,kw OR 'exploratory review':ti,ab,kw OR 'framework synthesis':ti,ab,kw OR 'mapping review':ti,ab,kw OR 'meta-review':ti,ab,kw OR 'meta-synthesis':ti,ab,kw OR 'methodology review':ti,ab,kw OR 'mixed methods review':ti,ab,kw OR 'mixed methods synthesis':ti,ab,kw OR (overview NEAR/4 reviews) OR 'PRISMA':ab OR ('preferred':ti,ab,kw and reporting:ti,ab,kw) OR 'prognostic review':ti,ab,kw OR 'psychometric review':ti,ab,kw OR 'rapid evidence assessment':ti,ab,kw OR 'rapid literature review':ti,ab,kw OR 'rapid literature search':ti,ab,kw OR 'rapid realist':ti,ab,kw OR 'rapid review':ti,ab,kw OR 'rapid reviews':ti,ab,kw OR 'realist review':ti,ab,kw OR 'review of reviews':ti,ab,kw OR 'scoping review':ti,ab,kw OR 'scoping reviews':ti,ab,kw	874,575

		OR 'scoping study':ti,ab,kw OR 'systematic evidence map':ti,ab,kw OR 'systematic evidence mapping':ti,ab,kw OR 'systematic literature':ti,ab,kw OR 'systematic Medline':ti,ab,kw OR 'systematic PubMed':ti,ab,kw OR 'systematic review':ti,ab,kw OR 'systematic reviews':ti,ab,kw OR 'systematic search':ti,ab,kw OR 'systematic searches':ti,ab,kw OR 'systematical literature review':ti,ab,kw OR 'systematical review':ti,ab,kw OR 'systematical reviews':ti,ab,kw OR 'systematically identified':ti,ab,kw OR 'systematically review':ti,ab,kw OR 'systematically reviewed':ti,ab,kw OR 'umbrella review':ti,ab,kw OR 'umbrella reviews':ti,ab,kw OR '13616137':is OR 'Cochrane Database of Systematic Reviews'/jt	
#8		#6 NOT #7	3,346
#9	Filter: Clinical trials	('clinical trial'/it OR 'clinical trial':dtype OR 'clinical trials.gov'/jt)	533,362
#10		#8 NOT #9	3,287
#11	Limiter: Date	[2005-2026]/py	30,264,418
#12		#10 AND #11	2,891