**Appendix. Search Strategies**

**Librarian Searcher: Leila Ledbetter, MLIS; Duke Medical Center Library and Archives**
Date: September 22, 2023

Update: April 2, 2024

**Database (Platform): Medline (PubMed)**

**Inclusive Date Coverage: 1966 to present**

|  |  |  |  |
| --- | --- | --- | --- |
| Search | Query | Results 9/22/23 | Results 4/2/24 |
| 1Cancer Patients/survivors | "patients"[MeSH:NoExp] OR "cancer survivors"[MeSH:NoExp] OR survivor[tiab] OR survivors[tiab] OR patient[tiab] OR Patients[tiab] OR "people with"[tiab] OR "person with"[tiab] | 8,363,033 | 8,614,462  |
| 2Colorectal cancer | "Rectal Neoplasms"[MeSH:NoExp] OR "Colonic neoplasms"[MeSH:NoExp] OR "Anus Neoplasms"[MeSH:NoExp] OR "Colorectal Neoplasms"[MeSH:NoExp] OR ((rectum[tiab] or rectal[tiab] or bowel\*[tiab] or intestine\*[tiab] or colon[tiab] or colonic[tiab] or colorectal[tiab] or anus[tiab] or anal[tiab] or digestive[tiab] or gastrointestinal[tiab]) AND (cancer\*[tiab] or carcinoma\*[tiab] or neoplasm\*[tiab] or neoplasia[tiab] or Adenocarcinoma\*[tiab] or tumor\*[tiab] or tumour\*[tiab]))  | 457,444 | 470,762 |
| 3diet | "Access to Healthy Foods"[Mesh] OR "Food Insecurity"[Mesh] OR "Food Assistance"[Mesh] OR "Food Deserts"[Mesh] OR “diet”[mesh] OR “glutens”[mesh] OR “carbohydrates”[mesh] OR “starch”[mesh] OR “vegetables”[mesh] OR "vegetable products"[mesh] OR “fruit”[mesh] OR "nutritional status"[mesh] OR "nutritional sciences"[mesh] OR "nutrition therapy"[mesh] OR “cooking”[mesh] OR “fasting”[mesh] OR "Food insecurity"[tiab] OR "food security"[tiab] OR "food desert"[tiab] OR "food deserts"[tiab] OR ((food[tiab]) AND (assistance[tiab] OR program[tiab] OR programmes[tiab] OR programs[tiab] OR programme[tiab] OR aid[tiab])) OR ((free[tiab]) AND (lunch[tiab] OR meal[tiab] OR meals[tiab] OR lunches[tiab] OR breakfast[tiab] OR breakfasts[tiab] OR dinner[tiab] OR dinners[tiab] OR supper[tiab] OR suppers[tiab])) OR "Food bank"[tiab] OR "Food banks"[tiab] OR "Food pantry"[tiab] OR "food pantries"[tiab] OR diet[tiab] OR diets[tiab] OR dieting[tiab] OR dieted[tiab] OR meat[tiab] OR meats[tiab] OR gluten\*[tiab] OR fruit[tiab] OR fruits[tiab] OR vegetable[tiab] OR vegetables[tiab] OR carb[tiab] OR carbs[tiab] OR carbohydrate[tiab] OR sugar[tiab] OR sugars[tiab] OR sugary[tiab] OR starch\*[tiab] OR vegetarian[tiab] OR vegetarians[tiab] OR pescatarian\*[tiab] OR ketogenic[tiab] OR "high fat"[tiab] OR "high-fat"[tiab] OR nutrition[tiab] OR nutritious[tiab] OR nutritional[tiab] OR dish[tiab] OR dishes[tiab] OR cook[tiab] OR cooked[tiab] OR cooking[tiab] OR cuisine\*[tiab] OR culinary[tiab] OR paleo[tiab] OR vegan[tiab] OR fasting[tiab] OR fasted[tiab] | 3,038,180 | 3,740,481  |
| 4Symptoms | "dyspepsia"[MeSH Terms] OR "eructation"[MeSH Terms] OR "flatulence"[MeSH Terms] OR "food intolerance"[MeSH Terms] OR "heartburn"[MeSH Terms] OR "abdominal pain"[MeSH Terms] OR "diarrhea"[MeSH Terms] OR "nausea"[MeSH Terms] OR "vomiting"[MeSH Terms] OR "appetite"[MeSH Terms] OR "anorexia"[MeSH Terms] OR "weight loss"[MeSH Terms] OR "weight gain"[MeSH Terms] OR "constipation"[MeSH Terms] OR "cachexia"[MeSH Terms] OR "Ileus"[Mesh] OR "defecation"[MeSH Terms] OR "fatigue"[MeSH Terms] OR "melena"[MeSH Terms] OR "satiation"[MeSH Terms] OR "dumping syndrome"[MeSH Terms] OR "gastritis"[MeSH Terms] OR "lethargy"[MeSH Terms] OR "vertigo"[MeSH Terms] OR "dizziness"[MeSH Terms] OR "Sleep Deprivation"[Mesh] OR "Muscle Weakness"[Mesh] OR "Dyspareunia"[Mesh] OR "Body Image"[Mesh] OR "Depression"[Mesh] OR "Anxiety"[Mesh] OR "Psychological Distress"[Mesh] OR "Fear"[Mesh] OR "Sadness"[Mesh] OR "Irritable Mood"[Mesh] OR "Attention"[Mesh] OR "Hypesthesia"[Mesh] OR "Paresthesia"[Mesh] OR "Mucositis"[Mesh] OR "Muscle Cramp"[Mesh] OR "Hearing Loss"[Mesh] OR "Mobility Limitation"[Mesh] OR "Alopecia"[Mesh] OR "Xerostomia"[Mesh] OR dizziness[tiab] OR dizzy[tiab] OR lethargy[tiab] OR lethargic[tiab] OR tiredness[tiab] OR sleepiness[tiab] OR drowsy[tiab] OR "dumping syndrome"[tiab] OR satiation[tiab] OR satiety[tiab] OR Dysphagia[tiab] OR melena[tiab] OR fatigue\*[tiab] OR defecat\*[tiab] OR diarrhea[tiab] OR nausea[tiab] OR appetite[tiab] OR "weight loss"[tiab] OR "weight gain"[tiab] OR dyspepsia[tiab] OR eructation[tiab] OR flatulence[tiab] OR "food intolerance\*"[tiab] OR heartburn[tiab] OR vomit\*[tiab] OR anorexia[tiab] OR constipate\*[tiab] OR Pyrosis[tiab] OR emesis[tiab] OR cachexia[tiab] OR Reflux[tiab] OR "rectal Gas"[tiab] OR Flatus[tiab] OR indigestion[tiab] OR bloat\*[tiab] OR Regurgitation[tiab] OR regurgitat\*[tiab] OR "heart burn"[tiab] OR heartburn[tiab] OR Gastritis[tiab] OR malnutrition[tiab] OR "under nourished"[tiab] OR ((abdomen\*[tiab] OR stomach[tiab] OR belly[tiab]) AND (cramp\*[tiab] OR distension[tiab] OR swollen[tiab] OR pain\*[tiab] OR gas[tiab] OR discomfort[tiab])) OR symptom[tiab] or symptoms[tiab] or syndrome[tiab] or syndromes[tiab] OR ileus[tiab] OR "sexual discomfort"[tiab] OR "body image"[tiab] OR worry[tiab] OR depression[tiab] OR nervous[tiab] OR anxiety[tiab] OR anxious[tiab] OR distress[tiab] OR fear[tiab] OR fearful[tiab] OR sad[tiab] OR sadness[tiab] OR irritable[tiab] OR irritably[tiab] OR irritability[tiab] OR attentive[tiab] OR tingling[tiab] OR numbness[tiab] OR numb[tiab] OR burning[tiab] OR cramp\*[tiab] OR "blurry vision"[tiab] OR "blurred vision"[tiab] OR hearing[tiab] OR walking[tiab] OR mobility[tiab] OR "hair loss"[tiab] OR taste[tiab] OR tastes[tiab] OR "dry mouth"[tiab] OR "Hypesthesia"[tiab] OR "Paresthesia"[tiab] OR "Mucositis"[tiab]OR "Mobility Limitation"[tiab] OR "Alopecia"[tiab] OR "Xerostomia"[tiab] |

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| [4,432,226](https://pubmed.ncbi.nlm.nih.gov/?term=longquery3b250a918a797b49575b&sort=date&ac=no)  |  |

 | 4,558,840  |
| 5 | #1 AND #2 AND #3 AND #4 | 5,135 | 6,412  |
| 6 | "Epidemiologic Studies"[ MESH:NOEXP] OR "Epidemiologic Methods"[Mesh] OR "Observational Studies as Topic"[Mesh] OR "Single-Case Studies as Topic”[Mesh] OR "Observational Study"[Publication Type] OR “Case-Control Studies”[MESH:NOEXP] OR “Control Groups”[MESH:NOEXP] OR “Matched-Pair Analysis”[MESH:NOEXP] OR (case\*[TIAB] AND control\*[TIAB]) OR (case\*[TIAB] AND referant[TIAB]) OR (case[TIAB] AND comparison\*[TIAB]) OR control group\*[TIAB] OR “cohort studies”[mesh:noexp] OR “longitudinal studies”[mesh:noexp] OR “follow-up studies”[mesh:noexp] OR “prospective studies”[mesh:noexp] OR “retrospective studies”[mesh:noexp] OR cohort\*[TIAB] OR longitudinal[TIAB] OR prospective[TIAB] OR “Cross-Sectional Studies”[mesh:noexp] OR “Prevalence”[mesh:noexp] OR (association[tiab] and (studies[tiab] OR study[tiab])) OR cross-sectional[tiab] OR prevalence[tiab] OR transversal[tiab] OR association[ti] OR associations[ti] OR transversal study[tiab] OR lifespan[tiab] OR “Incidence”[MESH:NOEXP] OR incidence[TIAB] OR incidences[TIAB] OR “Prevalence”[MESH:NOEXP] OR “cross-sectional studies”[MESH:NOEXP] OR prevalence[TIAB] OR prevalences[TIAB] OR “focus groups”[MESH:NOEXP] OR "interviews as topic"[MESH:NOEXP] OR “narration”[MESH:NOEXP] OR “qualitative research”[MESH:NOEXP] OR ethnograph\*[TIAB] OR "field work"[TIAB] OR fieldwork[TIAB] OR focus group\*[TIAB] OR key informant\*[TIAB] OR qualitative[TIAB] OR ((face-to-face[TIAB] OR guided[TIAB] OR in-depth[TIAB] OR indepth[TIAB] OR semi-structured[TIAB] OR structured[TIAB] OR unstructured[TIAB]) AND (discussion\*[TIAB] OR interview\*[TIAB] OR questionnaire\*[TIAB])) OR "observational study"[tiab] OR "observational studies"[tiab] OR "observational design"[tiab] OR "observational analysis"[tiab] OR "observational analyses"[tiab] OR "prospective study"[tiab] OR "prospective studies"[tiab] OR "prospective design"[tiab] OR "prospective analysis"[tiab] OR "prospective analyses"[tiab]OR "follow up"[tiab] OR followup[tiab] OR "long-term"[tiab] OR "population study"[tiab] OR "population studies"[tiab] OR "population design"[tiab] OR "population analysis"[tiab] OR "population analyses"[tiab] OR "descriptive study"[tiab] OR "descriptive studies"[tiab] OR "descriptive design"[tiab] OR "descriptive analysis"[tiab] OR "descriptive analyses"[tiab] | 10,699,384 | 10,995,147 |
| 7 | #5 AND #6 | 3502 | 4272 |
| 8 | #7 NOT (("Adolescent"[Mesh] OR "Child"[Mesh] OR "Infant"[Mesh]) NOT "Adult"[Mesh]) | 3442 | 4183 |
| 9 | #8 NOT (animals[MeSH Terms] NOT humans[MeSH Terms]) | 3409 | 4135 |
| 10 | #9 NOT (Editorial[pt] OR Letter[pt] OR Comment[pt] OR Congress[pt])  | 3392 | 4114 |
| 11 update | #10 AND ("2023/09/01"[Date - MeSH] : "3000"[Date - MeSH]) |  | 150 |

**Database (Platform): Embase (Elsevier)**

**Inclusive Date Coverage: 1947 to present**

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| --- | --- | --- | --- |
| Search | Query | Results 9/22/23 | Results 4/2/24 |
| 1Cancer Patients/survivors | patient/de OR 'cancer survivor'/de OR survivor:ti,ab OR survivors:ti,ab OR patient:ti,ab OR Patients:ti,ab OR 'people with':ti,ab OR 'person with':ti,ab | 12,701,729 | 13,100,892 |
| 2Colorectal cancer | 'rectum tumor'/de OR 'colon tumor'/de OR 'anus tumor'/de OR 'Colorectal tumor'/de OR ((rectum:ti,ab OR rectal:ti,ab OR bowel\*:ti,ab OR intestine\*:ti,ab OR colon:ti,ab OR colonic:ti,ab OR colorectal:ti,ab OR anus:ti,ab OR anal:ti,ab OR digestive:ti,ab OR gastrointestinal:ti,ab) AND (cancer\*:ti,ab OR carcinoma\*:ti,ab OR neoplasm\*:ti,ab OR neoplasia:ti,ab OR Adenocarcinoma\*:ti,ab OR tumor\*:ti,ab OR tumour\*:ti,ab)) | 648,701 | 668,708 |
| 3diet | 'healthy food access'/exp OR 'Food Insecurity'/exp OR 'Food Assistance'/exp OR 'Food Desert'/exp OR diet/exp OR gluten/exp OR carbohydrate/exp OR starch/exp OR vegetable/exp OR fruit/exp OR 'nutritional status'/exp OR 'nutritional science'/exp OR 'diet therapy'/exp OR cooking/exp OR fasting/exp OR 'Food insecurity':ti,ab OR 'food security':ti,ab OR 'food desert':ti,ab OR 'food deserts':ti,ab OR ((food:ti,ab) AND (assistance:ti,ab OR program:ti,ab OR programmes:ti,ab OR programs:ti,ab OR programme:ti,ab OR aid:ti,ab)) OR ((free:ti,ab) AND (lunch:ti,ab OR meal:ti,ab OR meals:ti,ab OR lunches:ti,ab OR breakfast:ti,ab OR breakfasts:ti,ab OR dinner:ti,ab OR dinners:ti,ab OR supper:ti,ab OR suppers:ti,ab)) OR 'Food bank':ti,ab OR 'Food banks':ti,ab OR 'Food pantry':ti,ab OR 'food pantries':ti,ab OR diet:ti,ab OR diets:ti,ab OR dieting:ti,ab OR dieted:ti,ab OR meat:ti,ab OR meats:ti,ab OR gluten\*:ti,ab OR fruit:ti,ab OR fruits:ti,ab OR vegetable:ti,ab OR vegetables:ti,ab OR carb:ti,ab OR carbs:ti,ab OR carbohydrate:ti,ab OR sugar:ti,ab OR sugars:ti,ab OR sugary:ti,ab OR starch\*:ti,ab OR vegetarian:ti,ab OR vegetarians:ti,ab OR pescatarian\*:ti,ab OR ketogenic:ti,ab OR 'high fat':ti,ab OR high-fat:ti,ab OR nutrition:ti,ab OR nutritious:ti,ab OR nutritional:ti,ab OR dish:ti,ab OR dishes:ti,ab OR cook:ti,ab OR cooked:ti,ab OR cooking:ti,ab OR cuisine\*:ti,ab OR culinary:ti,ab OR paleo:ti,ab OR vegan:ti,ab OR fasting:ti,ab OR fasted:ti,ab | 3,071,859 | 3,162,227 |
| 4Symptoms | dyspepsia/exp OR eructation/exp OR flatulence/exp OR 'nutritional intolerance'/exp OR heartburn/exp OR 'abdominal pain'/exp OR diarrhea/exp OR nausea/exp OR vomiting/exp OR appetite/exp OR anorexia/exp OR 'body weight loss'/exp OR 'body weight gain'/exp OR constipation/exp OR cachexia/exp OR Ileus/exp OR defecation/exp OR fatigue/exp OR melena/exp OR satiety/exp OR 'dumping syndrome'/exp OR gastritis/exp OR lethargy/exp OR vertigo/exp OR dizziness/exp OR 'Sleep Deprivation'/exp OR 'Muscle Weakness'/exp OR Dyspareunia/exp OR 'Body Image'/exp OR Depression/exp OR Anxiety/exp OR 'Distress syndrome'/exp OR Fear/exp OR Sadness/exp OR 'Irritability'/exp OR Attention/exp OR Hypesthesia/exp OR Paresthesia/exp OR 'mucosa inflammation'/exp OR 'Muscle Cramp'/exp OR 'Hearing impairment'/exp OR 'walking difficulty'/exp OR Alopecia/exp OR Xerostomia/exp OR dizziness:ti,ab OR dizzy:ti,ab OR lethargy:ti,ab OR lethargic:ti,ab OR tiredness:ti,ab OR sleepiness:ti,ab OR drowsy:ti,ab OR 'dumping syndrome':ti,ab OR satiation:ti,ab OR satiety:ti,ab OR Dysphagia:ti,ab OR melena:ti,ab OR fatigue\*:ti,ab OR defecat\*:ti,ab OR diarrhea:ti,ab OR nausea:ti,ab OR appetite:ti,ab OR 'weight loss':ti,ab OR 'weight gain':ti,ab OR dyspepsia:ti,ab OR eructation:ti,ab OR flatulence:ti,ab OR 'food intolerance\*':ti,ab OR heartburn:ti,ab OR vomit\*:ti,ab OR anorexia:ti,ab OR constipate\*:ti,ab OR Pyrosis:ti,ab OR emesis:ti,ab OR cachexia:ti,ab OR Reflux:ti,ab OR 'rectal Gas':ti,ab OR Flatus:ti,ab OR indigestion:ti,ab OR bloat\*:ti,ab OR Regurgitation:ti,ab OR regurgitat\*:ti,ab OR 'heart burn':ti,ab OR heartburn:ti,ab OR Gastritis:ti,ab OR malnutrition:ti,ab OR 'under nourished':ti,ab OR ((abdomen\*:ti,ab OR stomach:ti,ab OR belly:ti,ab) AND (cramp\*:ti,ab OR distension:ti,ab OR swollen:ti,ab OR pain\*:ti,ab OR gas:ti,ab OR discomfort:ti,ab)) OR symptom:ti,ab OR symptoms:ti,ab OR syndrome:ti,ab OR syndromes:ti,ab OR ileus:ti,ab OR 'sexual discomfort':ti,ab OR 'body image':ti,ab OR worry:ti,ab OR depression:ti,ab OR nervous:ti,ab OR anxiety:ti,ab OR anxious:ti,ab OR distress:ti,ab OR fear:ti,ab OR fearful:ti,ab OR sad:ti,ab OR sadness:ti,ab OR irritable:ti,ab OR irritably:ti,ab OR irritability:ti,ab OR attentive:ti,ab OR tingling:ti,ab OR numbness:ti,ab OR numb:ti,ab OR burning:ti,ab OR cramp\*:ti,ab OR 'blurry vision':ti,ab OR 'blurred vision':ti,ab OR hearing:ti,ab OR walking:ti,ab OR mobility:ti,ab OR 'hair loss':ti,ab OR taste:ti,ab OR tastes:ti,ab OR 'dry mouth':ti,ab OR Hypesthesia:ti,ab OR Paresthesia:ti,ab OR Mucositis:ti,ab OR 'Mobility Limitation':ti,ab OR Alopecia:ti,ab OR Xerostomia:ti,ab |

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| [7,378,077](https://pubmed.ncbi.nlm.nih.gov/?term=longquery3b250a918a797b49575b&sort=date&ac=no) |  |

 | 7,597,771 |
| 5 | #1 AND #2 AND #3 AND #4 | 9,942 | 10,377 |
| 6 | Epidemiology/de OR 'Observational Study'/exp OR 'Single-Case Study'/exp OR 'Case-Control Study'/de OR 'Control Group'/de OR 'statistical Analysis'/de OR (case\*:ti,ab AND control\*:ti,ab) OR (case\*:ti,ab AND referant:ti,ab) OR (case:ti,ab AND comparison\*:ti,ab) OR 'control group\*':ti,ab OR 'cohort studies'/de OR 'longitudinal studies'/de OR 'follow-up studies'/de OR 'prospective studies'/de OR 'retrospective studies'/de OR cohort\*:ti,ab OR longitudinal:ti,ab OR prospective:ti,ab OR 'Cross-Sectional Study'/de OR Prevalence/de OR (association:ti,ab AND (studies:ti,ab OR study:ti,ab)) OR cross-sectional:ti,ab OR prevalence:ti,ab OR transversal:ti,ab OR association:ti OR associations:ti OR 'transversal study':ti,ab OR lifespan:ti,ab OR Incidence/de OR incidence:ti,ab OR incidences:ti,ab OR Prevalence/de OR 'cross-sectional studies'/de OR prevalence:ti,ab OR prevalences:ti,ab OR 'information processing'/de OR interview/de OR 'verbal communication'/de OR 'qualitative research'/de OR ethnograph\*:ti,ab OR 'field work':ti,ab OR fieldwork:ti,ab OR 'focus group\*':ti,ab OR 'key informant\*':ti,ab OR qualitative:ti,ab OR ((face-to-face:ti,ab OR guided:ti,ab OR in-depth:ti,ab OR indepth:ti,ab OR semi-structured:ti,ab OR structured:ti,ab OR unstructured:ti,ab) AND (discussion\*:ti,ab OR interview\*:ti,ab OR questionnaire\*:ti,ab)) OR 'observational study':ti,ab OR 'observational studies':ti,ab OR 'observational design':ti,ab OR 'observational analysis':ti,ab OR 'observational analyses':ti,ab OR 'prospective study':ti,ab OR 'prospective studies':ti,ab OR 'prospective design':ti,ab OR 'prospective analysis':ti,ab OR 'prospective analyses':ti,ab OR 'follow up':ti,ab OR followup:ti,ab OR long-term:ti,ab OR 'population study':ti,ab OR 'population studies':ti,ab OR 'population design':ti,ab OR 'population analysis':ti,ab OR 'population analyses':ti,ab OR 'descriptive study':ti,ab OR 'descriptive studies':ti,ab OR 'descriptive design':ti,ab OR 'descriptive analysis':ti,ab OR 'descriptive analyses':ti,ab | 11,625,327 | 12,061,645 |
| 7 | #5 AND #6 | 6196 | 6,507 |
| 8 | #7 NOT ((Adolescent/exp OR Child/exp OR Infant/exp) NOT Adult/exp) | 6037 | 6,342 |
| 9 | #8 NOT (animal/exp NOT human/exp) | 5966 | 6,264 |
| 10 | #9 NOT ('editorial'/exp OR [editorial]/lim OR 'letter'/exp OR [letter]/lim OR 'note'/exp) | 5955 | N/A |
| 11 | #9 NOT ('editorial'/exp OR [editorial]/lim OR 'letter'/exp OR [letter]/lim OR 'note'/exp OR [conference abstract]/lim OR 'conference abstract'/exp OR 'conference abstract'/it) | N/A | 3,694 |
| 12 | #10 AND [01-09-2023]/sd | N/A | 245 |

**Database (Platform): Cumulative Index to Nursing and Allied Health Literature - CINAHL Complete (EBSCOhost)**

**Inclusive Date Coverage: 1937 to present**

|  |  |  |  |
| --- | --- | --- | --- |
| Search | Query | Results 9/22/23 | Results 4/2/24 |
| 1Cancer Patients/survivors | (MH "Patients") OR (MH "Cancer Survivors") OR TI(survivor OR survivors OR patient OR Patients OR "people with" OR "person with") OR AB(survivor OR survivors OR patient OR Patients OR "people with" OR "person with") | 2,469,731 | 2,422,529 |
| 2Colorectal cancer | (MH "Rectal Neoplasms") OR (MH "Colonic Neoplasms") OR (MH "Anus Neoplasms") OR (MH "Colorectal Neoplasms") | 47,080 | 47,746 |
| 3 | TI(rectum OR rectal OR bowel\* OR intestine\* OR colon OR colonic OR colorectal OR anus OR anal OR digestive OR gastrointestinal) OR AB(rectum OR rectal OR bowel\* OR intestine\* OR colon OR colonic OR colorectal OR anus OR anal OR digestive OR gastrointestinal) | 170,575 | 170,913 |
| 4 | TI(cancer\* OR carcinoma\* OR neoplasm\* OR neoplasia OR Adenocarcinoma\* OR tumor\* OR tumour\*) OR AB(cancer\* OR carcinoma\* OR neoplasm\* OR neoplasia OR Adenocarcinoma\* OR tumor\* OR tumour\*) | 685,591 | 692,482 |
| 5 | S3 AND S4 | 74,236 | 74,714 |
| 6 | S2 OR S5 | 84,406 | 85,658 |
| 7diet | (MH "Access to Healthy Foods") OR (MH "Food Security+") OR (MH "Food Assistance") OR (MH "Food Deserts") OR (MH "Diet+") OR (MH "Gluten") OR (MH "Carbohydrates+") OR (MH "Glucans+") OR (MH "Vegetables+") OR (MH "Fruit+") OR (MH "Nutritional Status") OR (MH "Sports Nutritional Sciences") OR (MH "Diet Therapy+") OR (MH "Cooking+") OR (MH "Fasting+") OR TI("Food insecurity" OR "food security" OR "food desert" OR "food deserts" OR "Food bank" OR "Food banks" OR "Food pantry" OR "food pantries" OR diet OR diets OR dieting OR dieted OR meat OR meats OR gluten\* OR fruit OR fruits OR vegetable OR vegetables OR carb OR carbs OR carbohydrate OR sugar OR sugars OR sugary OR starch\* OR vegetarian OR vegetarians OR pescatarian\* OR ketogenic OR "high fat" OR high-fat OR nutrition OR nutritious OR nutritional OR dish OR dishes OR cook OR cooked OR cooking OR cuisine\* OR culinary OR paleo OR vegan OR fasting OR fasted) OR AB("Food insecurity" OR "food security" OR "food desert" OR "food deserts" OR "Food bank" OR "Food banks" OR "Food pantry" OR "food pantries" OR diet OR diets OR dieting OR dieted OR meat OR meats OR gluten\* OR fruit OR fruits OR vegetable OR vegetables OR carb OR carbs OR carbohydrate OR sugar OR sugars OR sugary OR starch\* OR vegetarian OR vegetarians OR pescatarian\* OR ketogenic OR "high fat" OR high-fat OR nutrition OR nutritious OR nutritional OR dish OR dishes OR cook OR cooked OR cooking OR cuisine\* OR culinary OR paleo OR vegan OR fasting OR fasted) | 474,301 | 474,366 |
| 8 | TI(Food) OR AB(food) | 141,282 | 129,846 |
| 9 | TI(assistance OR program OR programmes OR programs OR programme OR aid) OR AB(assistance OR program OR programmes OR programs OR programme OR aid) | 487,480 | 471,320 |
| 10 | S8 AND S9 | 13,751 | 13,240 |
| 11 | TI(free) OR AB(free) | 161,799 | 160,138 |
| 12 |  TI(lunch OR meal OR meals OR lunches OR breakfast OR breakfasts OR dinner OR dinners OR supper OR suppers) OR AB(lunch OR meal OR meals OR lunches OR breakfast OR breakfasts OR dinner OR dinners OR supper OR suppers) | 28,706 | 26,963 |
| 13 | S11 AND S12 | 2,090  | 2,002 |
| 14 | S7 OR S10 OR S13 | 479,181 | 478,812 |
| 15Symptoms | (MH "Dyspepsia") OR (MH "Flatulence") OR (MH "Food Intolerance") OR (MH "Heartburn") OR (MH "Abdominal Pain+") OR (MH "Diarrhea") OR (MH "Nausea") OR (MH "Vomiting+") OR (MH "Appetite") OR (MH "Anorexia") OR (MH "Weight Loss+") OR (MH "Weight Gain+") OR (MH "Constipation+") OR (MH "Cachexia") OR (MH "Intestinal Obstruction+") OR (MH "Defecation") OR (MH "Fatigue+") OR (MH "Melena") OR (MH "Satiation") OR (MH "Dumping Syndrome") OR (MH "Gastritis+") OR (MH "Vertigo+") OR (MH "Dizziness") OR (MH "Sleep Deprivation") OR (MH "Muscle Weakness+") OR (MH "Dyspareunia") OR (MH "Body Image+") OR (MH "Depression+") OR (MH "Anxiety+") OR (MH "Psychological Distress") OR (MH "Fear+") OR (MH "Sadness") OR (MH "Attention+") OR (MH "Hypesthesia") OR (MH "Paresthesia") OR (MH "Mucositis+") OR (MH "Muscle Cramp") OR (MH "Hearing Disorders+") OR (MH "Alopecia+") OR (MH "Xerostomia+") OR TI(dizziness OR dizzy OR lethargy OR lethargic OR tiredness OR sleepiness OR drowsy OR "dumping syndrome" OR satiation OR satiety OR Dysphagia OR melena OR fatigue\* OR defecat\* OR diarrhea OR nausea OR appetite OR "weight loss" OR "weight gain" OR dyspepsia OR eructation OR flatulence OR "food intolerance\*" OR heartburn OR vomit\* OR anorexia OR constipate\* OR Pyrosis OR emesis OR cachexia OR Reflux OR "rectal Gas" OR Flatus OR indigestion OR bloat\* OR Regurgitation OR regurgitat\* OR "heart burn" OR heartburn OR Gastritis OR malnutrition OR "under nourished" OR symptom OR symptoms OR syndrome OR syndromes OR ileus OR "sexual discomfort" OR "body image" OR worry OR depression OR nervous OR anxiety OR anxious OR distress OR fear OR fearful OR sad OR sadness OR irritable OR irritably OR irritability OR attentive OR tingling OR numbness OR numb OR burning OR cramp\* OR "blurry vision" OR "blurred vision" OR hearing OR walking OR mobility OR "hair loss" OR taste OR tastes OR "dry mouth" OR Hypesthesia OR Paresthesia OR Mucositis OR "Mobility Limitation"" OR Alopecia OR Xerostomia) OR AB(dizziness OR dizzy OR lethargy OR lethargic OR tiredness OR sleepiness OR drowsy OR "dumping syndrome" OR satiation OR satiety OR Dysphagia OR melena OR fatigue\* OR defecat\* OR diarrhea OR nausea OR appetite OR "weight loss" OR "weight gain" OR dyspepsia OR eructation OR flatulence OR "food intolerance\*" OR heartburn OR vomit\* OR anorexia OR constipate\* OR Pyrosis OR emesis OR cachexia OR Reflux OR "rectal Gas" OR Flatus OR indigestion OR bloat\* OR Regurgitation OR regurgitat\* OR "heart burn" OR heartburn OR Gastritis OR malnutrition OR "under nourished" OR symptom OR symptoms OR syndrome OR syndromes OR ileus OR "sexual discomfort" OR "body image" OR worry OR depression OR nervous OR anxiety OR anxious OR distress OR fear OR fearful OR sad OR sadness OR irritable OR irritably OR irritability OR attentive OR tingling OR numbness OR numb OR burning OR cramp\* OR "blurry vision" OR "blurred vision" OR hearing OR walking OR mobility OR "hair loss" OR taste OR tastes OR "dry mouth" OR Hypesthesia OR Paresthesia OR Mucositis OR "Mobility Limitation"" OR Alopecia OR Xerostomia) |

|  |  |
| --- | --- |
| 765,163 |  |

 | 786,489 |
| 16 | TI(abdomen\* OR stomach OR belly) OR AB(abdomen\* OR stomach OR belly) | 22,454 | 21,463 |
| 17 | TI(cramp\* OR distension OR swollen OR pain\* OR gas OR discomfort) OR AB(cramp\* OR distension OR swollen OR pain\* OR gas OR discomfort) | 359,962 | 353,081 |
| 18 | S16 AND S17 | 4,504 | 4,235 |
| 19 | S15 OR S18 | 768,110 | 789,251 |
| 20 | S1 AND S6 AND S14 AND S19 | 715 | 712 |
| 21 | (MH "Epidemiological Research+") OR (MH "Nonexperimental Studies+") OR (MH "Case Studies") OR (MH "Case Control Studies") OR (MH "Control Group") OR (MH "Matched-Pair Analysis") OR (MH "Prospective Studies") OR (MH "Retrospective Panel Studies") OR (MH "Cross Sectional Studies") OR (MH "Prevalence") OR (MH "Incidence") OR (MH "Focus Groups") OR (MH "Interviews") OR (MH "Narratives") OR (MH "Qualitative Studies") OR TI("control group\*" OR cohort\* OR longitudinal OR prospective OR cross-sectional OR prevalence OR prevalences OR transversal OR association OR associations OR "transversal study" OR lifespan OR incidence OR incidences OR ethnograph\* OR "field work" OR fieldwork OR "focus group\*" OR "key informant\*" OR qualitative OR "observational study" OR "observational studies" OR "observational design" OR "observational analysis" OR "observational analyses" OR "prospective study" OR "prospective studies" OR "prospective design" OR "prospective analysis" OR "prospective analyses" OR "follow up" OR followup OR long-term OR "population study" OR "population studies" OR "population design" OR "population analysis" OR "population analyses" OR "descriptive study" OR "descriptive studies" OR "descriptive design" OR "descriptive analysis" OR "descriptive analyses") OR AB("control group\*" OR cohort\* OR longitudinal OR prospective OR cross-sectional OR prevalence OR prevalences OR transversal OR "transversal study" OR lifespan OR incidence OR incidences OR ethnograph\* OR "field work" OR fieldwork OR "focus group\*" OR "key informant\*" OR qualitative OR "observational study" OR "observational studies" OR "observational design" OR "observational analysis" OR "observational analyses" OR "prospective study" OR "prospective studies" OR "prospective design" OR "prospective analysis" OR "prospective analyses" OR "follow up" OR followup OR long-term OR "population study" OR "population studies" OR "population design" OR "population analysis" OR "population analyses" OR "descriptive study" OR "descriptive studies" OR "descriptive design" OR "descriptive analysis" OR "descriptive analyses") | 2,222,278 | 2,263,338 |
| 22 | TI(Case\*) OR AB(case\*) | 746,993 | 731,252 |
| 23 | TI(Referant OR comparison\* OR control\*) OR AB(Referant OR comparison\* OR control\*) | 1,036,428 | 1,038,163 |
| 24 | S22 AND S23 | 146,478 | 147,178 |
| 25 | TI(association) OR AB(association) | 519,736 | 500,831 |
| 26 | TI(studies OR study) OR AB(studies OR study) | 2,568,559 | 2,551,372 |
| 27 | S25 AND S26 | 342,518 | 346,254 |
| 28 | TI(face-to-face OR guided OR in-depth OR indepth OR semi-structured OR structured OR unstructured) OR AB(face-to-face OR guided OR in-depth OR indepth OR semi-structured OR structured OR unstructured) | 213,444 | 217,853 |
| 29 | TI(discussion\* OR interview\* OR questionnaire\*) OR AB(discussion\* OR interview\* OR questionnaire\*) | 628,205 | 625,039 |
| 30 | S28 AND S29 | 120,880 | 124,335 |
| 31 | S21 OR S24 OR S27 OR S30 | 2,370,701 | 2,408,622 |
| 32 | S20 AND S31 | 414 | 427 |
| 33 | S32 NOT (((MH "Adolescence+") OR (MH "Child+") OR (MH "infant+")) NOT (MH "Adult+")) | 410 | 423 |
| 34 | S33 NOT ((MH "Animals+") NOT (MH "Human")) | 410 | 423 |
| 35 | S34 NOT PT ( Abstract OR Book OR Book Chapter OR Book Review OR Commentary OR Editorial OR Letter OR Masters Thesis OR Pamphlet OR Pamphlet Chapter OR Poetry ) | 402 | 417 |
| 36 update | Limiters - Publication Date: 20230901- | N/A | 16 |

**Database: APA PsycINFO (EBSCOhost)**

**Inclusive Date Coverage: Journal coverage from 1800s -present , Citations & Summaries from 1600s -present**

|  |  |  |  |
| --- | --- | --- | --- |
| Search | Query | Results 9/22/23 | Results 4/2/24 |
| 1Cancer Patients/survivors | DE "Patients" OR (DE "Survivors" AND DE "Neoplasms") OR TI(survivor OR survivors OR patient OR Patients OR "people with" OR "person with") OR AB(survivor OR survivors OR patient OR Patients OR "people with" OR "person with") | 1,235,758 | 1,267,299 |
| 2Colorectal cancer | TI(rectum OR rectal OR bowel\* OR intestine\* OR colon OR colonic OR colorectal OR anus OR anal OR digestive OR gastrointestinal) OR AB(rectum OR rectal OR bowel\* OR intestine\* OR colon OR colonic OR colorectal OR anus OR anal OR digestive OR gastrointestinal) | 25,405 | 26,002 |
| 3 | DE "neoplasms" OR TI(cancer\* OR carcinoma\* OR neoplasm\* OR neoplasia OR Adenocarcinoma\* OR tumor\* OR tumour\*) OR AB(cancer\* OR carcinoma\* OR neoplasm\* OR neoplasia OR Adenocarcinoma\* OR tumor\* OR tumour\*) | 91,575 | 93,746 |
| 4 | S2 AND S3 | 6,455 | 6,641 |
| 5diet | (DE "Food Insecurity") OR (DE "Diets") OR (DE "Carbohydrates") OR (DE "Nutrition") OR (DE "Nutritional Deficiencies") OR (DE "Dietary Treatment") OR (DE "Food Preparation") OR TI("Food insecurity" OR "food security" OR "food desert" OR "food deserts" OR "Food bank" OR "Food banks" OR "Food pantry" OR "food pantries" OR diet OR diets OR dieting OR dieted OR meat OR meats OR gluten\* OR fruit OR fruits OR vegetable OR vegetables OR carb OR carbs OR carbohydrate OR sugar OR sugars OR sugary OR starch\* OR vegetarian OR vegetarians OR pescatarian\* OR ketogenic OR "high fat" OR high-fat OR nutrition OR nutritious OR nutritional OR dish OR dishes OR cook OR cooked OR cooking OR cuisine\* OR culinary OR paleo OR vegan OR fasting OR fasted) OR AB("Food insecurity" OR "food security" OR "food desert" OR "food deserts" OR "Food bank" OR "Food banks" OR "Food pantry" OR "food pantries" OR diet OR diets OR dieting OR dieted OR meat OR meats OR gluten\* OR fruit OR fruits OR vegetable OR vegetables OR carb OR carbs OR carbohydrate OR sugar OR sugars OR sugary OR starch\* OR vegetarian OR vegetarians OR pescatarian\* OR ketogenic OR "high fat" OR high-fat OR nutrition OR nutritious OR nutritional OR dish OR dishes OR cook OR cooked OR cooking OR cuisine\* OR culinary OR paleo OR vegan OR fasting OR fasted) | 90,881 | 93,324 |
| 6 | TI(Food) OR AB(food) | 92,491 | 94,595 |
| 7 | TI(assistance OR program OR programmes OR programs OR programme OR aid) OR AB(assistance OR program OR programmes OR programs OR programme OR aid) | 490,498 | 502,094 |
| 8 | S6 AND S7 | 7,552 | 7,805 |
| 9 | TI(free) OR AB(free) | 100,985 | 103,034 |
| 10 | TI(lunch OR meal OR meals OR lunches OR breakfast OR breakfasts OR dinner OR dinners OR supper OR suppers) OR AB(lunch OR meal OR meals OR lunches OR breakfast OR breakfasts OR dinner OR dinners OR supper OR suppers) | 15,586 | 15,951 |
| 11 | S9 AND S10 | 2,132 | 2,185 |
| 12 | S5 OR S8 OR S11 | 96,153 | 98,724 |
| 13Symptoms | (DE "Dyspepsia") OR (DE "Diarrhea") OR (DE "Nausea") OR (DE "Vomiting") OR (DE "Appetite") OR (DE "Weight Loss") OR (DE "Weight Gain") OR (DE "Constipation") OR (DE "Cachexia") OR (DE "Defecation") OR (DE "Fatigue") OR (DE "Satiation") OR (DE "Vertigo") OR (DE "Sleep Deprivation") OR (DE "Dyspareunia") OR (DE "Body Image") AND (DE "Major Depression" OR DE "Depression (Emotion)") OR (DE "Anxiety") OR (DE "Fear") OR (DE "Sadness") OR (DE "Irritability") OR (DE "Attention") OR (DE "Somatosensory Disorders") OR (DE "Hearing Loss") OR (DE "Alopecia") OR TI(dizziness OR dizzy OR lethargy OR lethargic OR tiredness OR sleepiness OR drowsy OR "dumping syndrome" OR satiation OR satiety OR Dysphagia OR melena OR fatigue\* OR defecat\* OR diarrhea OR nausea OR appetite OR "weight loss" OR "weight gain" OR dyspepsia OR eructation OR flatulence OR "food intolerance\*" OR heartburn OR vomit\* OR anorexia OR constipate\* OR Pyrosis OR emesis OR cachexia OR Reflux OR "rectal Gas" OR Flatus OR indigestion OR bloat\* OR Regurgitation OR regurgitat\* OR "heart burn" OR heartburn OR Gastritis OR malnutrition OR "under nourished" OR symptom OR symptoms OR syndrome OR syndromes OR ileus OR "sexual discomfort" OR "body image" OR worry OR depression OR nervous OR anxiety OR anxious OR distress OR fear OR fearful OR sad OR sadness OR irritable OR irritably OR irritability OR attentive OR tingling OR numbness OR numb OR burning OR cramp\* OR "blurry vision" OR "blurred vision" OR hearing OR walking OR mobility OR "hair loss" OR taste OR tastes OR "dry mouth" OR Hypesthesia OR Paresthesia OR Mucositis OR "Mobility Limitation"" OR Alopecia OR Xerostomia) OR AB(dizziness OR dizzy OR lethargy OR lethargic OR tiredness OR sleepiness OR drowsy OR "dumping syndrome" OR satiation OR satiety OR Dysphagia OR melena OR fatigue\* OR defecat\* OR diarrhea OR nausea OR appetite OR "weight loss" OR "weight gain" OR dyspepsia OR eructation OR flatulence OR "food intolerance\*" OR heartburn OR vomit\* OR anorexia OR constipate\* OR Pyrosis OR emesis OR cachexia OR Reflux OR "rectal Gas" OR Flatus OR indigestion OR bloat\* OR Regurgitation OR regurgitat\* OR "heart burn" OR heartburn OR Gastritis OR malnutrition OR "under nourished" OR symptom OR symptoms OR syndrome OR syndromes OR ileus OR "sexual discomfort" OR "body image" OR worry OR depression OR nervous OR anxiety OR anxious OR distress OR fear OR fearful OR sad OR sadness OR irritable OR irritably OR irritability OR attentive OR tingling OR numbness OR numb OR burning OR cramp\* OR "blurry vision" OR "blurred vision" OR hearing OR walking OR mobility OR "hair loss" OR taste OR tastes OR "dry mouth" OR Hypesthesia OR Paresthesia OR Mucositis OR "Mobility Limitation"" OR Alopecia OR Xerostomia) |

|  |  |
| --- | --- |
| 520,619 |  |

 | 532,979 |
| 14 | TI(abdomen\* OR stomach OR belly) OR AB(abdomen\* OR stomach OR belly) | 4,475 | 4,543 |
| 15 | TI(cramp\* OR distension OR swollen OR pain\* OR gas OR discomfort) OR AB(cramp\* OR distension OR swollen OR pain\* OR gas OR discomfort) | 141,850 | 145,016 |
| 16 | S14 AND S15 | 809 | 821 |
| 17 | S13 OR S16 | 521,190 | 533,559 |
| 18 | S1 AND S4 AND S12 AND S17 | 53 | 57 |
| 19 | Limiters - Publication Date: 20230901- | N/A | 2 |

**Database (Platform): Web of Science, Webofknowledge.com (Clarivate)**

 **Inclusive Date Coverage: 1864 to present**

|  |  |  |  |
| --- | --- | --- | --- |
| Search | Query | Results 9/22/23 | Results 4/2/24 |
| 1Cancer Patients/survivors | TS=("cancer survivors" OR survivor OR survivors OR patient OR Patients OR "people with" OR "person with") | 8,358,540 | 8,327,977 |
| 2Colorectal cancer | TS=("Rectal Neoplasms" OR "Colonic neoplasms" OR "Anus Neoplasms" OR "Colorectal Neoplasms" OR ((rectum OR rectal OR bowel\* OR intestine\* OR colon OR colonic OR colorectal OR anus OR anal OR digestive OR gastrointestinal) AND (cancer\* OR carcinoma\* OR neoplasm\* OR neoplasia OR Adenocarcinoma\* OR tumor\* OR tumour\*))) | 457,230 | 549,196 |
| 3diet | TS=("Access to Healthy Foods" OR "Food Insecurity" OR "Food Assistance" OR "Food Deserts" OR diet OR glutens OR carbohydrates OR starch OR vegetables OR "vegetable products" OR fruit OR "nutritional status" OR "nutritional sciences" OR "nutrition therapy" OR cooking OR fasting OR "Food insecurity" OR "food security" OR "food desert" OR "food deserts" OR ((food) AND (assistance OR program OR programmes OR programs OR programme OR aid)) OR ((free) AND (lunch OR meal OR meals OR lunches OR breakfast OR breakfasts OR dinner OR dinners OR supper OR suppers)) OR "Food bank" OR "Food banks" OR "Food pantry" OR "food pantries" OR diet OR diets OR dieting OR dieted OR meat OR meats OR gluten\* OR fruit OR fruits OR vegetable OR vegetables OR carb OR carbs OR carbohydrate OR sugar OR sugars OR sugary OR starch\* OR vegetarian OR vegetarians OR pescatarian\* OR ketogenic OR "high fat" OR high-fat OR nutrition OR nutritious OR nutritional OR dish OR dishes OR cook OR cooked OR cooking OR cuisine\* OR culinary OR paleo OR vegan OR fasting OR fasted) | 3,037,160 | 3,407,214 |
| 4Symptoms | TS=(dizziness OR dizzy OR lethargy OR lethargic OR tiredness OR sleepiness OR drowsy OR "dumping syndrome" OR satiation OR satiety OR Dysphagia OR melena OR fatigue\* OR defecat\* OR diarrhea OR nausea OR appetite OR "weight loss" OR "weight gain" OR dyspepsia OR eructation OR flatulence OR "food intolerance\*" OR heartburn OR vomit\* OR anorexia OR constipate\* OR Pyrosis OR emesis OR cachexia OR Reflux OR "rectal Gas" OR Flatus OR indigestion OR bloat\* OR Regurgitation OR regurgitat\* OR "heart burn" OR heartburn OR Gastritis OR malnutrition OR "under nourished" OR ((abdomen\* OR stomach OR belly) AND (cramp\* OR distension OR swollen OR pain\* OR gas OR discomfort)) OR symptom OR symptoms OR syndrome OR syndromes OR ileus OR "sexual discomfort" OR "body image" OR worry OR depression OR nervous OR anxiety OR anxious OR distress OR fear OR fearful OR sad OR sadness OR irritable OR irritably OR irritability OR attentive OR tingling OR numbness OR numb OR burning OR cramp\* OR "blurry vision" OR "blurred vision" OR hearing OR walking OR mobility OR "hair loss" OR taste OR tastes OR "dry mouth" OR Hypesthesia OR Paresthesia OR Mucositis OR "Mobility Limitation" OR Alopecia OR Xerostomia) |

|  |  |
| --- | --- |
| [4,430,037](https://pubmed.ncbi.nlm.nih.gov/?term=longquery3b250a918a797b49575b&sort=date&ac=no)  |  |

 | 6,028,861 |
| 5 | #1 AND #2 AND #3 AND #4 | 5,014 | 5,195 |
| 6 | TS=("Epidemiologic Studies" OR "Epidemiologic Methods" OR "Observational Studies as Topic" OR "Single-Case Studies as Topic" OR "Observational Study" OR "Case-Control Studies" OR "Control Groups" OR "Matched-Pair Analysis" OR (case\* AND control\*) OR (case\* AND referant) OR (case AND comparison\*) OR "control group\*" OR "cohort studies" OR "longitudinal studies" OR "follow-up studies" OR "prospective studies" OR "retrospective studies" OR cohort\* OR longitudinal OR prospective OR "Cross-Sectional Studies" OR Prevalence OR (association AND (studies OR study)) OR cross-sectional OR prevalence OR transversal OR association OR associations OR "transversal study" OR lifespan OR Incidence OR incidence OR incidences OR Prevalence OR "cross-sectional studies" OR prevalence OR prevalences OR "focus groups" OR "interviews as topic" OR narration OR "qualitative research" OR ethnograph\* OR "field work" OR fieldwork OR "focus group\*" OR "key informant\*" OR qualitative OR ((face-to-face OR guided OR in-depth OR indepth OR semi-structured OR structured OR unstructured) AND (discussion\* OR interview\* OR questionnaire\*)) OR "observational study" OR "observational studies" OR "observational design" OR "observational analysis" OR "observational analyses" OR "prospective study" OR "prospective studies" OR "prospective design" OR "prospective analysis" OR "prospective analyses" OR "follow up" OR followup OR long-term OR "population study" OR "population studies" OR "population design" OR "population analysis" OR "population analyses" OR "descriptive study" OR "descriptive studies" OR "descriptive design" OR "descriptive analysis" OR "descriptive analyses") | 10,694,466 | 10,200,237 |
| 7 | #5 AND #6 | 3188 | 3,303 |
| 8 | #7 NOT TS=((animal\* OR rat OR rats OR mouse OR mice OR murine OR dog OR dogs OR canine OR cat OR cats OR 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\*) NOT (human\* OR patient\* OR women OR woman OR men OR man)) | 3183 | 3,298 |
| 10 | NOT Document Types: Editorial Material or Letter  | 3161 | N/A |
| 11 | NOT Document Types: Editorial Material or Letter or Meeting Abstract or Proceeding Paper | N/A | 3170 |
| 12 | Publication Years: 2024 or 2023.  | N/A | 324 |