

Digitalt förmedlade hälsofrämjande och
förebyggande insatser för barn och unga /
Digital technology promoting health for children
and adolescents, report 390 (2025)

Appendix 1 Search strategies

If all or a substantive part of the search strategies below are reused in another publication, please cite this report!

Medline via OvidSP 17 January 2025

Title: Digital technology promoting health for children and adolescents

Search terms	Items found
Population: Children 0-18, young adults 18-20, parents, expectant parents	
1. adolescent/ or young adult/ or child/ or child, preschool/ or Infant/ or Infant, Newborn/ or Exp Parents/ or Caregivers/ OR Pregnancy/	4589111
2. ("antenatal parenting" OR child* OR schoolchild* OR "infant" OR "infants" OR "infancy" OR adolesc* OR neonat* OR toddler* OR "teen" OR "teens" OR teenager* OR preteen* OR newborn* OR pediatric OR postneonat* OR postnatal* OR "puberty" OR preschool* OR suckling* OR "juvenile" OR "expectant primipar*" OR mother* OR father* OR parent* OR caregiver OR "new born" OR "new borns" OR new-born* OR neo-nat* OR neonat* OR perinat* OR underag* OR "under age" OR "under aged" OR youth* OR kinder* OR pubescen* OR preadolescent* OR prepubescen* OR "prepuberty" OR "school age" OR "schoolage" OR "school ages" OR schoolage* OR "young people" OR "one year old" OR "two year old" OR "three year old" OR "four year old" OR "five year old" OR "six year old" OR "seven year old" OR "eight year old" OR "nine year old" OR "ten year old" OR "eleven year old" OR "twelve year old" OR "thirteen year old" OR "fourteen year old" OR "fifteen year old" OR "sixteen year old" OR "seventeen year old" OR "eighteen year old" OR "1 year old" OR "2 year old" OR "3 year old" OR "4 year old" OR "5 year old" OR "6 year old" OR "7 year old" OR "8 year old" OR "9 year old" OR "10 year old" OR "11 year old" OR "12 year old" OR "13 year old" OR "14 year old" OR "15 year old" OR "16 year old" OR "17 year old" OR "18 year old" OR "two years old" OR "three years old" OR "four years old" OR "five years old" OR "six years old" OR "seven years old" OR "eight years old" OR "nine years old" OR "ten years old" OR "eleven years old" OR "twelve years old" OR "thirteen years old" OR "fourteen years old" OR "fifteen years old" OR "sixteen years old" OR "seventeen years old" OR "eighteen years old" OR "2 years old" OR "3 years old" OR "4 years old" OR "5 years old" OR "6 years old" OR "7 years old" OR "8 years old" OR "9 years old" OR "10 years old" OR "11 years old" OR "12 years old" OR "13 years old" OR "14 years old" OR "15 years old" OR "16 years old" OR "17 years old" OR "18 years old").ti	1824861
3. ("antenatal parenting" OR child* or schoolchild* or "infant" or "infants" or "infancy" or adolesc* or neonat* or toddler* or "teen" or "teens" or teenager* or preteen* or newborn* or postneonat* or postnatal* or "puberty" or preschool* or suckling* or "juvenile" or "expectant primipar*" OR mother* OR father* OR parent* or "new born" or "new borns" or new-born* or neo-nat* or neonat* or perinat* or underag* or "under age" or "under aged" or youth* or kinder* or pubescen* or preadolescent* OR prepubescen* or "prepuberty" or "school age" or "schoolage" or "school ages" or schoolage* or "young people" OR "one year old" or "two year old" or "three year old" or "four year old" or "five year old" or "six year old" or "seven year old" or "eight year old" or "nine year old" or "ten year old" or "eleven year old" or "twelve year old" or "thirteen year old" or "fourteen year old" or "fifteen year old" or "sixteen year old" or "seventeen year old" or "eighteen year old" or "1 year old" or "2 year old" or "3 year old" or "4 year old" or "5 year old" or "6 year old" or "7 year old" or "8 year old" or "9 year old" or "10 year old" or "11 year old" or "12 year old" or "13 year old" or "14 year old" or "15 year old" or "16 year old" or "17 year old" or "18 year old" or "two years old" or "three years old" or "four years old" or "five years old" or "six years old" or "seven years old" or "eight years old" or "nine years old" or "ten years old" or "eleven years old" or "twelve years old" or "thirteen years old" or "fourteen years old" or "fifteen years old" or "sixteen years old" or "seventeen years old" or "eighteen years old" or "19 years old" or "20 years old").ti	2421609

	years old" or "2 years old" or "3 years old" or "4 years old" or "5 years old" or "6 years old" or "7 years old" or "8 years old" or "9 years old" or "10 years old" or "11 years old" or "12 years old" or "13 years old" or "14 years old" or "15 years old" or "16 years old" or "17 years old" or "18 years old").ab.	
4.	limit 3 to "pubmed not medline"	284191
5.	1 OR 2 OR 4	5159953
Intervention: digital information (sms, interactive dashboards, information, GIS-systems)		
6.	Mobile Applications/ OR Text Messaging/ OR Exp Cell Phone/ OR Geographic Information Systems/ OR "Hotlines"/ OR Internet/ OR internet-based intervention/ OR Smartphone/ OR Electronic Mail/ OR Public Service Announcements as Topic/ OR exp Computers, Handheld/ OR Online Systems/	142500
7.	App.kf,ti,bt OR (android or app or apps or blackberry or blended or cellphone or ((cell* or mobile or smart) adj3 (phone* or telephone*)) or CD-rom* or chat* or computer* or cyber* or digital or DVD or electronic mail* or e-mail or email or handheld device* or interactive or instant messag* or internet* or ipad* or i-pad* or iphone* or i-phone* or messaging or mobile application* or multimedia or multi-media or online* or on-line* or personal digital assistant* or short messag* or smartphone* or SMS or tablet* or technologyassisted or technology-assisted or technologybased or technology-based or technologydelivered or technology-delivered or technologysupported or technology-supported or text messag* or texting or videoconferenc* or video conferenc* or virtual or web or webbased or webdeliver* or website*).ti,bt.	372410
8.	((android or app or apps or blackberry or blended or cellphone or ((cell* or mobile or smart) adj3 (phone* or telephone*)) or CD-rom* or chat* or computer* or cyber* or digital or DVD or "electronic mail*" or e-mail or email or "handheld device*" or interactive or instant messag* or internet* or ipad* or i-pad* or iphone* or i-phone* or messaging or mobile application* or multimedia or multi-media or online* or on-line* or "personal digital assistant*" or short messag* or smartphone* or SMS or tablet* or technologyassisted or technology-assisted or technologybased or technology-based or technologydelivered or technology-delivered or technologysupported or technology-supported or text messag* or texting or videoconferenc* or video conferenc* or virtual or web or webbased or webdeliver* or website*) adj10 (component* or deliver* or guidance or management or techniq* or intervent* or ((self-care or selfcare or Self-help or selfhelp) adj3 (administered or guided or instruct* or strateg* or supervised or tool*)) or ((self-administered or selfadministered) adj3 (guided or instruct* or strateg* or supervised)) or self-management or support)).ti,ab,kf,bt.	152406
9.	((app OR apps OR application OR applications) ADJ2 (digital OR mobile OR smartphone* OR health* OR telephone OR phone) OR App-delivered OR (Digital adj1 (app* or platform*))).ti,ab,kf,bt OR (eHealth Or e-health OR mHealth OR M-health).ti OR ((mobile health or mhealth or m-health or ehealth or e-health or emental or e-mental) adj3 (based or application* or intervention* or program* or therap*)).ab.	44869
10.	(Push notification* OR text-mess*).ti,ab,kf,bt	7403
11.	("Interactive dashboard*" or "Online Health Information " or Video* or YouTube).ti,ab,bt,kf.	192023
12.	(GIS-system* OR "GPS tracking").ti,ab,bt,kf	613
13.	6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12	703091
Intervention: social media		
14.	social media/ or exp Remote Consultation/ OR exp Videoconferencing/ OR Online Social Networking/	27416
15.	("electronic support group*" OR "Social media*" or "social network*" OR "social platform*" or facebook or tiktok OR whatsapp).ti,ab,bt,kf.	67862
16.	("Animated character*" or "Artificial agent*" or "Artificial* intelligen*" or "Assistant chat program*" or "Automated agent*" or "Avatar*" or "Chat agent*" or "Chat assistant*" or "Chat bot" or "Chat bots" or "Chatbot*" or "Chatter bot" or "Chatter bots" or "Chatter box" or "Chatter boxes" or "Chatterbot*" or "Chatterbox*" or "Communicative agent*" or "Companion agent*" or "Companion assistant*" or "Conversational agent*" or "Conversational AI" or "Conversational assistant*" or "Conversational avatar*" or "Conversational bot" or "Conversational bots" or "Conversational character*" or "Conversational computer*" or "Conversational entit*" or "Conversational human*" or "Conversational interface*" or "Conversational personal assistant*" or "Conversational	71558

	system*" or "Conversational user interface*" or "Counsel* agent*" or "Cyber individual*" or "Dialog system*" or "Dialogue system*" or "Digital assistant*" or "Digital coach*" or "Embodied agent*" or "Intelligent agent*" or "Interactive agent*" or "Interactive online character*" or "Interactive talking program*" or "Interface agent*" or "Interface character*" or Knowbot* or "Motivational agent*" or "Online chat program*" or "Pedagogical agent*" or "Persuasive ECA" or "Relational agent*" or "Relational assistant*" or "Smart bot" or "Smart bots" or Smartbot* or "Socia* agent*" or "Socia* bot" or "Socia* bots" or "Soft bot" or "Soft bots" or Softbot* or "Software agent*" or "Talk bot" or "Talk bots" or Talkbot* or "Talking agent*" or "Talking avatar*" or "Text-based synchronous chat" or "Virtual advisor*" or "Virtual agent*" or "Virtual assistant*" or "Virtual character*" or "Virtual chat expert*" or "Virtual coach*" or "Virtual consultant*" or "Virtual counsel*" or "Virtual health agent*" or "Virtual health coach*" or "Virtual health counsel*" or "Virtual host*" or "Virtual human*" or "Virtual online assistant*" or "Virtual patient advocate*" or "Virtual personal assistant*" or "Virtual therapist*" or "Virtual web assistant*").tw,kf.	
17.	((Online OR telemedicine) ADJ1 (consultation)).ti,ab,kf,bt	619
18.	("interactive website*" or ((digital OR "Internet-Based" or web-based or online) adj1 (platform* or program* or training or coach* OR intervent*)) or "digital health" or "digital support" or online or digital* or e-learning or elearning OR "remotely delivered").ti,ab,kf,bt.	492234
19.	14 OR 15 OR 16 OR 17 OR 18	610537
Intervention: self-monitoring (wearable electronics, self-monitoring tools, fitness trackers etc)		
20.	exp Accelerometry/ or wearable electronic devices/ or fitness trackers/ or smart glasses/	24139
21.	Wearables.ti OR ((Wearable*) ADJ2 (device* OR technology OR technologies OR "movement sensor*" OR "activity tracker*" OR "activity tracking" OR "fitness tracker*")).ti,ab,kf,bt	14622
22.	(accelerometer* OR pedometer OR Smartwatch* OR smartband OR "fitness wearable*" OR fitbit OR "step-tracking app*" OR "step count*" OR "physical activity tracker*" OR Pacer OR MapMyWalk OR PokemonGo OR "Apple Fitness" OR Strava OR "Nike Run Club" OR Fita OR "Garmin connect").ti,ab,bt,kf	29222
23.	((diary OR logbook OR self-monitor* OR "health monitor*" OR tracking) ADJ3 (app OR apps OR application OR digital)) OR "wellness app*" OR "digital monitoring" OR "Self help app" OR "smart home assistance" OR "real-life monitoring tool*").ti,ab,bt,kf	2285
24.	20 OR 21 OR 22 OR 23	55413
Intervention: feedback-systems		
25.	video games/ OR Token Economy/ OR Exp Virtual Reality/ OR (Feedback/ AND (Automation/ OR Algorithms/ OR Software/ OR User-Computer Interface/)) OR "Public Health Surveillance"/	24739
26.	((Feedback OR feed-back OR performance) ADJ (system* OR application OR loop* Or monitor*)) OR (("personalized feedback" or "performance feedback" or "performance monitoring" or "performance measurement" or "monitoring feedback" or feedback or "performance summar*" or "Promotion System" OR "monitoring feedback") AND (application or electronic* Or digital* OR data* OR monitor* or system* OR loop*)) or "electronic health record" OR "data visuali?ation" OR dashboard OR "digital nudge*" OR scorecard or scoreboard).ti,ab,kf,bt.	28725
27.	("digital game*" OR Gamified OR gamification OR exergaming or "mobile game*" OR "serious game*" OR ((gaming OR Game-based) AND (intervent* OR system*))).ti,ab,kf,bt	5962
28.	25 OR 26 OR 27	57546
Intervention: digital analys		
29.	Digital Technology/ or Artificial Intelligence/ OR Computer-Assisted Instruction/	64801
30.	AI.ti OR computational.ti OR ("artificial intelligence" OR "machine learning" OR LLLM OR "Large language model*" OR "text mining" OR ((Computational) ADJ2 (model OR modeling OR method* OR simulation OR study))).ti,ab,bt,kf	68684
31.	29 OR 30	104408
All interventions		
32.	13 OR 19 OR 24 OR 28 OR 31	1193159
Health Promotion		

33.	"Digital Health"/ OR Health Promotion/ OR Preventive Health Services/ OR School Health Services/ OR "Early Intervention, Educational"/ OR Parenting/ OR Prenatal Education/ OR Child Health/	117245
34.	promot*.ti OR universal*.ti	301779
35.	((((Health* ADJ1 (promot* OR stimulate OR enhance OR encourage* OR empower)) OR ((Universal* OR school-based OR systemic*) ADJ1 (deliver* OR program* OR prevent* OR promot* OR access OR self-help OR service* OR surveillance OR educat* OR intervent*))) OR "behaviour change intervention*" OR "collective health" OR "Digital health intervention*" OR (Early ADJ2 intervent*) OR "eHealth intervent*" OR "general population" OR "health protection" OR "healthy school*" OR "interventions for the general population" OR "maintaining behavior*" OR "maintenance of Health Behavior*" OR "MHealth intervent*" OR "parenting support program*" OR "parent training" OR "primary prevention" OR "selective prevent*" OR "universally offered" OR "universally given" OR "wellness improvement").ti,ab,kf,bt OR (behav* adj3 (achieve* or chang* or comparison or contract or cost* or demonstration* or determinant* or "generalisation of target" or goal* or improv* or instruction* or model* or modif* or monitor* or practice or preventive or rehearsal or restructur* or strateg* or substitut* or technique* or theor*).ti,bt,kf,ab.	511536
36.	33 OR 34 OR 35	892145
Outcome: lifestyle		
37.	"Alcohol Drinking"/ OR "Diet, Healthy"/ OR Exercise/ OR Fruit/ OR "Health Behavior"/ OR Health Risk Behaviors/ OR "Healthy Lifestyle"/ OR "Internet Use"/ OR "Leisure Activities"/ OR "Life Style"/ OR Risk Reduction Behavior/ OR "Sedentary Behavior"/ OR "Sleep Hygiene"/ OR "Smoking Cessation"/ OR "Smoking Reduction"/ OR "Sugar-Sweetened Beverages"/ OR "Tobacco Use Cessation"/ OR Vaping/ OR Vegetables/ OR "Health Literacy"/ OR "Screen Time"/ OR Exp Sports/ OR "Pediatric Obesity"/ OR Youth Sports/	459634
38.	lifestyle.ti OR (Lifestyle adj10 (intervent* or modifi* or manage* or change* or promot* or strateg* or implement* or program*).ti,ab,bt,kf.	66690
39.	("active living" OR "active transport" OR "anti-vaping" OR "behavior change" OR "behaviour change" OR "Fruit intake" OR (health ADJ1 outcome*) OR "Healthy eating" OR "health promotion" OR "healthy behaviour*" OR "health behavior*" OR "health management" OR "Health Measurement*" OR "Healthy Living" OR "Healthy lifestyle*" OR "Health-promot*" OR "health-related behav*" OR "Health-supporting behavior" OR (help* ADJ2 develop* ADJ3 behavio*) OR "healthy screen use" OR "Improve child diet*" OR inactive OR inactivity OR insomnia OR "number of steps" OR "physical literacy" OR "physical activit*" OR "promote healthy" OR ((promot*) adj3 (sport* OR basketball OR football OR Hockey OR running OR soccer OR recreation)) OR (Reduce OR reduction) ADJ (sugar* OR sweetened OR "screen time" OR sedentary) OR "reduce sedentary" OR "sedentary behavior" OR "sitting time" OR sleep OR "sleeping difficulties" OR "step count*" OR ((Vegetable* OR fruit) ADJ3 (intake OR consumption OR improve)) OR "Walking habits*).ti,ab,bt,kf.	270062
Outcome: psychological well-being		
40.	Adaptation, Psychological/ OR Anxiety/PC OR Bereavement/ OR Depression/PC OR Exp Emotions/ OR Exp "Grief"/ OR Mental Health/ OR Personal Satisfaction/ OR Psychology, Positive / OR Resilience, Psychological/ OR Sadness/ OR exp Self Concept/ OR "Self-Compassion"/ OR Stress, Psychological/ OR school mental health/ OR suicide/pc	495602
41.	(Anxious OR "being irritable" OR "being nervous" OR "classroom behavior" OR "child attachment" OR compassion OR "conduct problems" OR "coping skills" OR "coping strategies" OR empathy OR "emotion regulation" OR "Emotional competence" OR "emotion awareness" OR engagement OR "Feeling depressed" OR forgiveness OR gratitude OR grief OR happiness OR kindness "life satisfaction" OR "Low mood" OR "Mental health" OR motivation OR nervousness OR optimism OR (prevent* ADJ1 "mental disorder*") OR "Positive psychology*" OR "positive behavior" OR "psychological complaints" OR "psychological distress" OR Resilience OR sadness OR self-awareness OR "social skills" OR "social-emotion*" OR "self efficacy" OR "Sense of coherence" OR "self-control" OR self-confidence OR "self-managment" OR ((social OR emotional OR interpersonal) ADJ (competence)) OR "suicide risk assessment" OR unhapp* OR wellbeing OR "well being" OR well-being OR wellness OR Worrying OR "quality of life").ti,ab,bt,kf	1056653
Outcome: physical health		
42.	"Body Weight"/ OR Exp "Body Weight Changes"/ OR Breast Feeding/ OR Growth/ OR Growth Charts/ OR "Hand Hygiene"/ OR "Headache"/ OR Hearing/ OR "Hygiene"/ OR	555409

	"Psychophysiologic Disorders"/ OR Exp "Psychomotor Performance"/ OR (Stomach Diseases/ AND Pain /) OR "Tinnitus"/ OR Exp "Vision, Ocular"/	
43.	(Headache OR "infant feeding" OR "somatic health" OR "stomach-ache" OR "personal hygiene" OR psychosomatic* OR tinnitus).ti,ab,bt,kf	128878
Outcome: sexual och reproduktive health		
44.	Menstrual Cycle/ OR Menstruation/ OR Reproductive Health/ OR Sex Education/ OR Sexual Behavior/ OR Sexually Transmitted Diseases/PC OR Safe Sex/ OR unsafe sex/PC	110390
45.	(Menstruation OR "period tracker" OR "sexual health" OR "sexual and reproductive health" OR "sexual risk behavior*" OR "risky sexual behavior*" OR "safe sex behavior*").ti,ab,bt,kf	38046
Outcome: oral health		
46.	Exp Bruxism/ OR Dental Caries/PC OR Health Education, Dental/ OR "Oral Health"/ OR Oral Hygiene/ OR Sleep Bruxism/ OR Toothbrushing/ OR Tooth Erosion/	57692
47.	("brushing teeth" OR (Brush* ADJ1 teeth) OR Caries OR "dental education" OR "dental erosion" OR "dental floss" OR "Oral health" OR "Oral-health" OR "Oral hygiene" OR toothbrush* OR "tooth erosion" OR (visit* ADJ1 dentist*)).ti,ab,bt,kf	98881
Outcome: safety		
48.	Aggression/pc OR Bullying/ OR Child Abuse/pc OR Crime Victims/ OR Exp Domestic Violence/pc OR Exp "Fear"/ OR Intimate Partner Violence/PC OR Problem Behavior/ OR Psychological Safety/ OR Risk Reduction Behavior/ OR Safety/ OR sexual harassment/PC OR exp sex offenses/pc OR Violence/pc	129878
49.	("Anti-cyberbullying" OR "cybersafety promotion" OR (Healthy ADJ1 Relationship*) OR "safe surfing intervent*" OR "safety behavior*" OR "safety education" OR "reduce risky behavior" OR ((prevent* OR "prevention program*" OR detect* OR defense OR mitigation OR reduc* OR intervent*) ADJ1 (bully* OR cyberbully* OR "dating and relationship violence" OR harassment OR IPV OR "sexual assault" OR "sexual harassment" OR "rape" OR "sexual coercion" OR victimize* OR violence))).ti,ab,bt,kf.	
Outcome: language & communication		
50.	Emotions/ OR "Friends"/ OR Interpersonal Relations/ OR Loneliness / OR social Isolation /ps OR social networking/ OR Social Behavior/ OR Social Skills/ OR Social Support/ OR Play and Playthings/	183885
51.	("communicative abilit*" OR "emotional intelligence" OR "fear of intimacy" OR "feeling lonely" OR friendship* OR loneliness OR (impaired ADJ1 relationship*) OR "peer relationship*" OR "Peer connectedness" OR "social connection*" OR "Social competence" OR "social awareness" OR "social relationship*" OR "relationship skill*" OR "responsible decision-making" OR "Peer Communities" OR Prosocial OR "social communication skill*" OR ((social OR equal) ADJ (participation))).ti,ab,bt,kf AND (prevent* OR "prevention program*" OR promot* OR cultivat* OR detect* OR defense OR enhance OR elevate OR mitigate OR mitigation OR reduc* OR intervent* OR modifi* OR manage* OR change* OR strateg* OR implement* OR pre-post OR program* OR self-help OR train*).ti,ab,kf,bt.	10111
Outcome: combined sets		
52.	OR 37-51	3391973
Study types: systematic reviews and meta-analyses		
53.	(Systematic Review/ or Meta-Analysis/ or Cochrane Database Syst Rev.ja. or Meta-Analysis as Topic/ or Network Meta-Analysis/ or Technology Assessment, Biomedical/ or Systematic Reviews as Topic/ or ((systematic* adj4 review*) or (systematic* adj4 bibliographic*) or (systematic* adj4 literature) or (comprehensive* adj4 literature) or (comprehensive* adj4 bibliographic*) or (integrative adj4 review) or (integrative adj4 review) or (meta-analy* or metaanaly*) or (information adj3 synthesis) or (data adj3 synthesis) or (data adj3 extract*) or (medline or pubmed or psyclit or cinahl or (psycinfo not psycinfo database) or web of science or scopus or embase)).ab,bt,ti. or (systematic overview* or systemic 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 integrative overview or meta-synthesis or metasynthesis or quantitative review or quantitative synthesis or meta-ethnography or research synthesis or systematic literature search or systematic literature research or evidence-based review or evidence synthesis).bt,ti. or (research overview* or collaborative review* or collaborative overview* or technology assessment* or technology overview* or technology appraisal* or hta or htas or methodological overview* or	752272

	methodologic overview* or methodological review* or methodologic review* or quantitative overview*).ab,bt,ti.) NOT (Editorial/ or Letter/ or Case Reports/)	
54.	((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative Adj1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study").ti,ab	29640
55.	53 OR 54	760375
Combined sets		
56.	5 AND 32 AND 56	10826
57.	36 OR 52	4028703
Final result		
58.	5 AND 32 AND 57 AND 55	5260

The final search result, usually found at the end of the documentation, forms the list of abstracts.

.ab. = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **dt** = Create date; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; ***** = Focus (if found in front of a MeSH-term); *** or \$** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters; **#** = replaces one letter

Search terms		Items found
Population: Children 0-18, young adults 18-20, parents, expectant parents		
1.	(ZG "childhood (birth-12 yrs)") or (ZG "young adulthood (18-29 yrs)") or (ZG "adolescence (13-17 yrs)") OR DE "Adolescent Fathers" OR DE "Single Fathers" OR DE "Adoptive Parents" OR DE "Expectant Parents" OR DE "Expectant Fathers" OR DE "Expectant Mothers" OR DE "Fathers" OR DE "Foster Parents" OR DE "Mothers" OR DE "Parents" OR DE "Adolescent Mothers" OR DE "Single Mothers" OR DE "Pregnancy" OR DE "Adolescent Pregnancy"	1,528,430
2.	TI ("antenatal parenting" OR child* OR schoolchild* OR "infant" OR "infants" OR "infancy" OR adolesc* OR neonat* OR toddler* OR "teen" OR "teens" OR teenager* OR preteen* OR newborn* OR pediatric OR postneonat* OR postnatal* OR "puberty" OR preschool* OR suckling* OR "juvenile" OR "expectant primipar*" OR mother* OR father* OR parent* OR caregiver OR "new born" OR "new borns" OR new-born* OR neo-nat* OR neonat* OR perinat* OR underag* OR "under age" OR "under aged" OR youth* OR kinder* OR pubescen* OR preadolescent* OR prepubescen* OR "prepuberty" OR "school age" OR "schoolage" OR "school ages" OR schoolage* OR "young people" OR "one year old" OR "two year old" OR "three year old" OR "four year old" OR "five year old" OR "six year old" OR "seven year old" OR "eight year old" OR "nine year old" OR "ten year old" OR "eleven year old" OR "twelve year old" OR "thirteen year old" OR "fourteen year old" OR "fifteen year old" OR "sixteen year old" OR "seventeen year old" OR "eighteen year old" OR "1 year old" OR "2 year old" OR "3 year old" OR "4 year old" OR "5 year old" OR "6 year old" OR "7 year old" OR "8 year old" OR "9 year old" OR "10 year old" OR "11 year old" OR "12 year old" OR "13 year old" OR "14 year old" OR "15 year old" OR "16 year old" OR "17 year old" OR "18 year old" OR "two years old" OR "three years old" OR "four years old" OR "five years old" OR "six years old" OR "seven years old" OR "eight years old" OR "nine years old" OR "ten years old" OR "eleven years old" OR "twelve years old" OR "thirteen years old" OR "fourteen years old" OR "fifteen years old" OR "sixteen years old" OR "seventeen years old" OR "eighteen years old" OR "2 years old" OR "3 years old" OR "4 years old" OR "5 years old" OR "6 years old" OR "7 years old" OR "8 years old" OR "9 years old" OR "10 years old" OR "11 years old" OR "12 years old" OR "13 years old" OR "14 years old" OR "15 years old" OR "16 years old" OR "17 years old" OR "18 years old")	758,872
3.	1 OR 2	1,702,118
Intervention: digital technology		
4.	DE "Artificial Intelligence" OR DE "Avatars" OR DE "Blog" OR DE "Chatbots" OR DE "Conversational Agents" OR DE "Computer Applications" OR DE "Computer Games" OR DE "Digital Computers" OR DE "Digital Game-Based Learning" OR DE "Digital Gaming" OR DE "Digital Interventions" OR DE "Digital Marketing" OR DE "Digital Media" OR DE "Digital Storytelling" OR DE "Digital Technology" OR DE "Electronic Health Services" OR DE "Electronic Learning" OR DE "Gamification" OR DE "Generative Artificial Intelligence" OR DE "Internet" OR DE "Human Technology Interaction" OR DE "Intelligent Agents" OR DE "Intelligent Personal Agents" OR DE "Intelligent Tutoring Systems" OR DE "Large Language Models" OR DE "Mobile Applications" OR DE "Mobile Phones" OR DE "Mobile Health" OR DE "Mobile Health Applications" OR DE "Online Therapy" OR DE "Online Social Networks" OR DE "Sensor Technology" OR DE "Social Media" OR DE "Telemedicine" OR DE "Online Therapy" OR DE "Smartphones" OR DE "Teleconferencing" OR DE "Teleconsultation" OR DE "Telepsychiatry" OR DE "Telepsychology" OR DE "Telerehabilitation" OR DE "Text Messaging" OR DE "Virtual Reality" OR DE "Websites" OR DE "Wearable Devices"	160,189
5.	TI (android or app or apps or blackberry or blended or cellphone or ((cell* or mobile or smart) adj3 (phone* or telephone*))) or CD-rom* or chat* or computer* or cyber* or digital or DVD or electronic mail* or e-mail or email or handheld device* or interactive or instant messag* or internet* or ipad* or i-pad* or iphone* or i-phone* or messaging or mobile application* or multimedia or multi-media or online* or on-line* or personal digital assistant* or short messag* or smartphone* or SMS or tablet* or technologyassisted or technology-assisted or technologybased or technology-based or technologydelivered or technology-delivered or technologysupported or technology-supported or text messag* or texting or videoconferenc* or video conferenc* or virtual or web or webbased or webdeliver* or website*)	153,437

6.	AB((android or app or apps or blackberry or blended or cellphone or ((cell* or mobile or smart) adj3 (phone* or telephone*)) or CD-rom* or chat* or computer* or cyber* or digital or DVD or "electronic mail*" or e-mail or email or "handheld device*" or interactive or instant messag* or internet* or ipad* or i-pad* or iphone* or i-phone* or messaging or mobile application* or multimedia or multi-media or online* or on-line* or "personal digital assistant*" or short messag* or smartphone* or SMS or tablet* or technologyassisted or technology-assisted or technologybased or technology-based or technologydelivered or technology-delivered or technologysupported or technology-supported or text messag* or texting or videoconferenc* or video conferenc* or virtual or web or webbased or webdeliver* or website*) N10 (component* or deliver* or guidance or management or techniq* or intervent* or ((self-care or selfcare or Self-help or selfhelp) adj3 (administered or guided or instruct* or strateg* or supervised or tool*)) or ((self-administered or selfadministered) adj3 (guided or instruct* or strateg* or supervised)) or self-management or support))	77,495
7.	TI("Push notification*" OR "text-mess*") OR AB("Push notification*" OR "text-mess*")	3,399
8.	TI("Interactive dashboard*" or "Online Health Information " or Video* or YouTube OR "GIS-system*" OR "GPS tracking") OR AB("Interactive dashboard*" or "Online Health Information " or Video* or YouTube OR "GIS-system*" OR "GPS tracking")	84,143
9.	TI("electronic support group*" OR "Social media*" or "social network*" OR "social platform*" or facebook or tiktok OR whatsapp) OR AB("electronic support group*" OR "Social media*" or "social network*" OR "social platform*" or facebook or tiktok OR whatsapp)	59,240
10.	TI("Animated character*" or "Artificial agent*" or "Artificial* intelligen*" or "Assistant chat program*" or "Automated agent*" or "Avatar*" or "Chat agent*" or "Chat assistant*" or "Chat bot" or "Chat bots" or "Chatbot*" or "Chatter bot" or "Chatter bots" or "Chatter box" or "Chatter boxes" or "Chatterbot*" or "Chatterbox*" or "Communicative agent*" or "Companion agent*" or "Companion assistant*" or "Conversational agent*" or "Conversational AI" or "Conversational assistant*" or "Conversational avatar*" or "Conversational bot" or "Conversational bots" or "Conversational character*" or "Conversational computer*" or "Conversational entit*" or "Conversational human*" or "Conversational interface*" or "Conversational personal assistant*" or "Conversational system*" or "Conversational user interface*" or "Counsel* agent*" or "Cyber individual*" or "Dialog system*" or "Dialogue system*" or "Digital assistant*" or "Digital coach*" or "Embodied agent*" or "Intelligent agent*" or "Interactive agent*" or "Interactive online character*" or "Interactive talking program*" or "Interface agent*" or "Interface character*" or Knowbot* or "Motivational agent*" or "Online chat program*" or "Pedagogical agent*" or "Persuasive ECA" or "Relational agent*" or "Relational assistant*" or "Smart bot" or "Smart bots" or Smartbot* or "Socia* agent*" or "Socia* bot" or "Socia* bots" or "Soft bot" or "Soft bots" or Softbot* or "Software agent*" or "Talk bot" or "Talk bots" or Talkbot* or "Talking agent*" or "Talking avatar*" or "Text-based synchronous chat" or "Virtual advisor*" or "Virtual agent*" or "Virtual assistant*" or "Virtual character*" or "Virtual chat expert*" or "Virtual coach*" or "Virtual consultant*" or "Virtual counsel*" or "Virtual health agent*" or "Virtual health coach*" or "Virtual health counsel*" or "Virtual host*" or "Virtual human*" or "Virtual online assistant*" or "Virtual patient advocate*" or "Virtual personal assistant*" or "Virtual therapist*" or "Virtual web assistant*") OR AB("Animated character*" or "Artificial agent*" or "Artificial* intelligen*" or "Assistant chat program*" or "Automated agent*" or "Avatar*" or "Chat agent*" or "Chat assistant*" or "Chat bot" or "Chat bots" or "Chatbot*" or "Chatter bot" or "Chatter bots" or "Chatter box" or "Chatter boxes" or "Chatterbot*" or "Chatterbox*" or "Communicative agent*" or "Companion agent*" or "Companion assistant*" or "Conversational agent*" or "Conversational AI" or "Conversational assistant*" or "Conversational avatar*" or "Conversational bot" or "Conversational bots" or "Conversational character*" or "Conversational computer*" or "Conversational entit*" or "Conversational human*" or "Conversational interface*" or "Conversational personal assistant*" or "Conversational system*" or "Conversational user interface*" or "Counsel* agent*" or "Cyber individual*" or "Dialog system*" or "Dialogue system*" or "Digital assistant*" or "Digital coach*" or "Embodied agent*" or "Intelligent agent*" or "Interactive agent*" or "Interactive online character*" or "Interactive talking program*" or "Interface agent*" or "Interface character*" or Knowbot* or "Motivational agent*" or "Online chat program*" or "Pedagogical agent*" or "Persuasive ECA" or "Relational agent*" or "Relational assistant*")	16,429

	or "Smart bot" or "Smart bots" or Smartbot* or "Socia* agent*" or "Socia* bot" or "Socia* bots" or "Soft bot" or "Soft bots" or Softbot* or "Software agent*" or "Talk bot" or "Talk bots" or Talkbot* or "Talking agent*" or "Talking avatar*" or "Text-based synchronous chat" or "Virtual advisor*" or "Virtual agent*" or "Virtual assistant*" or "Virtual character*" or "Virtual chat expert*" or "Virtual coach*" or "Virtual consultant*" or "Virtual counsel*" or "Virtual health agent*" or "Virtual health coach*" or "Virtual health counsel*" or "Virtual host*" or "Virtual human*" or "Virtual online assistant*" or "Virtual patient advocate*" or "Virtual personal assistant*" or "Virtual therapist*" or "Virtual web assistant*")	
11.	TI Wearable* OR TI((Wearable*) N2 (device* OR technology OR technologies OR "movement sensor*" OR "activity tracker*" OR "activity tracking" OR "fitness tracker*")) OR AB((Wearable*) N2 (device* OR technology OR technologies OR "movement sensor*" OR "activity tracker*" OR "activity tracking" OR "fitness tracker*"))	1,822
12.	TI(accelerometer* OR pedometer OR Smartwatch* OR smartband OR "fitness wearable*" OR fitbit OR "step-tracking app*" OR "step count*" OR "physical activity tracker*" OR Pacer OR MapMyWalk OR PokemonGo OR "Apple Fitness" OR Strava OR "Nike Run Club" OR Fita OR "Garmin connect") OR AB(accelerometer* OR pedometer OR Smartwatch* OR smartband OR "fitness wearable*" OR fitbit OR "step-tracking app*" OR "step count*" OR "physical activity tracker*" OR Pacer OR MapMyWalk OR PokemonGo OR "Apple Fitness" OR Strava OR "Nike Run Club" OR Fita OR "Garmin connect")	6,069
13.	(TI(((diary OR logbook OR self-monitor* OR "health monitor*" OR tracking) N3 (app OR apps OR application OR digital)) OR "wellness app*" OR "digital monitoring" OR "Self help app" OR "smart home assistance" OR "real-life monitoring tool*")) OR (AB(((diary OR logbook OR self-monitor* OR "health monitor*" OR tracking) N3 (app OR apps OR application OR digital)) OR "wellness app*" OR "digital monitoring" OR "Self help app" OR "smart home assistance" OR "real-life monitoring tool*"))	903
14.	(TI(((Feedback OR feed-back OR performance) N (system* OR application OR loop* Or monitor*)) OR (("personalized feedback" or "performance feedback" or "performance monitoring" or "performance measurement" or "monitoring feedback" or feedback or "performance summar*" or "Promotion System" OR "monitoring feedback")) AND (application or electronic* Or digital* OR data* OR monitor* or system* OR loop*)) or "electronic health record" OR "data visualization" OR dashboard OR "digital nudge*" OR scorecard or scoreboard))) OR AB ((((Feedback OR feed-back OR performance) N (system* OR application OR loop* Or monitor*)) OR (("personalized feedback" or "performance feedback" or "performance monitoring" or "performance measurement" or "monitoring feedback" or feedback or "performance summar*" or "Promotion System" OR "monitoring feedback")) AND (application or electronic* Or digital* OR data* OR monitor* or system* OR loop*)) or "electronic health record" OR "data visualization" OR dashboard OR "digital nudge*" OR scorecard or scoreboard)))	86,833
15.	TI("digital game*" OR Gamified OR gamification OR exergaming or "mobile game*" OR "serious game*" OR ((gaming OR Game-based) AND (intervent* OR system*))) OR AB("digital game*" OR Gamified OR gamification OR exergaming or "mobile game*" OR "serious game*" OR ((gaming OR Game-based) AND (intervent* OR system*)))	6,549
16.	TI (Ai OR computational) OR AB (("artificial intelligence" OR "machine learning" OR LLLM OR "Large language model*" OR "text mining" OR "computational model" OR "computational modeling" OR "computational method*" OR "computational simulation*" OR "computational study"))	1,946
17.	4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16	562,208
Health Promotion		
18.	DE "Adolescent Health" OR DE "Behavior change" OR DE "Child Health" OR DE "Community Health" OR DE "Community Mental Health" OR DE "Early Childhood Development" OR DE "Early Intervention" OR DE "Health Promotion" OR DE "Health Attitudes" OR DE "Health Awareness" OR DE "Health Behavior" OR DE "Health Behavior Measures" OR DE "Health Education" OR DE "Health Literacy" OR DE "Health Information" OR DE "Health Knowledge" OR DE "Parenting" OR DE "Parent Training" OR DE "Protective Factors"	208,614
19.	TI ((promot* OR universal*))	37,226
20.	TI((Health* N1 (promot* OR stimulate OR enhance OR encourage* OR empower)) OR ((Universal* OR school-based OR systemic*) N1 (deliver* OR program* OR prevent* OR promot* OR access OR self-help OR service* OR surveillance OR educat* OR intervent*)) OR "behaviour change intervention*" OR "collective health" OR "Digital health intervention*")	359,917

	OR (Early N2 intervent*) OR "eHealth intervent*" OR "general population" OR "health protection" OR "healthy school*" OR "interventions for the general population" OR "maintaining behavior*" OR "maintenance of Health Behavior*" OR "MHealth intervent*" OR "parenting support program*" OR "parent training" OR "primary prevention " OR "selective prevent*" OR "universally offered" OR "universally given" OR "wellness improvement" OR (behav* N3 (achieve* or chang* or comparison or contract or cost* or demonstration* or determinant* or "generalisation of target" or goal* or improv* or instruction* or model* or modifi* or monitor* or practice or preventive or rehearsal or restructur* or strateg* or substitut* or technique* or theor*))	
21.	18 OR 19 OR 20	523,202
Outcome: lifestyle		
22.	DE "Active Living" OR DE "Activity Level" OR DE "Adolescent Health" OR DE "Alcohol Use" OR DE "Body Weight" OR DE "Diets" OR DE "Drinking Behavior" OR DE "Electronic Cigarettes" OR DE "Eating Behavior" OR DE "Exercise" OR DE "Fast Food" OR DE "Food Intake" OR DE "Food Preferences" OR DE "Health Risk Behavior" OR DE "Healthy Eating" OR DE "Hygiene" OR DE "Lifestyle Changes" OR (DE "Lifestyle" AND DE "Intervention") OR DE "Meat Consumption" OR DE "Overweight" OR ((DE "Obesity" OR DE "Body Weight Cycling")) AND DE "Prevention")) OR DE "physical activity" OR DE "Preventive Health Behavior" OR DE "Self-Care" OR DE "Sleep Wake Cycle" OR DE "Sleep Quality" OR DE "Smoking Cessation" OR DE "Smoking Prevention" OR DE "Substance Use Prevention" OR DE "Underage Drinking" OR DE "Vaping" OR DE "Vegan Diet" OR DE "Vegetarian Diet" OR DE "Weight Control" OR OR DE "Physical Activity" OR DE "Sedentary Behavior" OR DE "Weight Gain"	222,274
23.	TI (lifestyle) OR TI(Lifestyle W10 (intervent* or modifi* or manage* or change* or promot* or strateg* or implement* or program*)) OR AB(Lifestyle W10 (intervent* or modifi* or manage* or change* or promot* or strateg* or implement* or program*))	13,259
24.	TI("active living" OR "active transport" OR "anti-vaping" OR "behavior change" OR "behaviour change" OR "Fruit intake" OR (health N1 outcome*) OR "Healthy eating" OR "health promotion" OR "healthy behaviour*" OR "health behavior*" OR "health management" OR "Health Measurement*" OR "Healthy Living" OR "Healthy lifestyle*" OR "Health-promot*" OR "health-related behav*" OR "Health-supporting behavior" OR (help* N2 develop* N3 behavio*) OR "healthy screen use" OR "Improve child diet*" OR inactive OR inactivity OR insomnia OR "number of steps" OR "physical literacy" OR "physical activit*" OR "promote healthy" OR ((promot*) N3 (sport* OR basketball OR football OR Hockey OR running OR soccer OR recreation)) OR (Reduce OR reduction) N (sugar* OR sweetened OR "screen time" OR sedentary) OR "reduce sedentary" OR "sedentary behavior" OR "sitting time" OR sleep OR "sleeping difficulties" OR "step count*" OR ((Vegetable* OR fruit) N3 (intake OR consumption OR improve)) OR "Walking habits*") OR AB("active living" OR "active transport" OR "anti-vaping" OR "behavior change" OR "behaviour change" OR "Fruit intake" OR (health N1 outcome*) OR "Healthy eating" OR "health promotion" OR "healthy behaviour*" OR "health behavior*" OR "health management" OR "Health Measurement*" OR "Healthy Living" OR "Healthy lifestyle*" OR "Health-promot*" OR "health-related behav*" OR "Health-supporting behavior" OR (help* N2 develop* N3 behavio*) OR "healthy screen use" OR "Improve child diet*" OR inactive OR inactivity OR insomnia OR "number of steps" OR "physical literacy" OR "physical activit*" OR "promote healthy" OR ((promot*) N3 (sport* OR basketball OR football OR Hockey OR running OR soccer OR recreation)) OR (Reduce OR reduction) N (sugar* OR sweetened OR "screen time" OR sedentary) OR "reduce sedentary" OR "sedentary behavior" OR "sitting time" OR sleep OR "sleeping difficulties" OR "step count*" OR ((Vegetable* OR fruit) N3 (intake OR consumption OR improve)) OR "Walking habits*")	234,379
Outcome: psychological well-being		
25.	DE "Emotional Health" OR DE "Emotional Regulation" OR DE "Emotional States" OR DE "Emotions" OR DE "Emotional Well Being" OR DE "Empowerment" OR DE "Goals" OR DE "Health and Well Being Measures" OR DE "Life Satisfaction" OR DE "Meaningfulness" OR DE "Mental Health" OR DE "Mental Health Programs" OR DE "Mental Status" OR DE "Social Well Being" OR DE "Spiritual Well Being" OR DE "Subjective Well Being" OR DE "Health and Well Being Measures" OR DE "Mental Health" OR DE "Parental Mental Health" OR DE "Positive Psychology" OR DE "Positive Behavior Support" OR DE "Positive Reinforcement" OR DE "Preventive Mental Health Services" OR DE "Psychological Flexibility" OR DE "Quality of Life" OR DE "Resilience (Psychological)" OR DE "Sense of Purpose" OR DE "Self-Care" OR	547,928

	DE "Self-Esteem" OR DE "self-management" OR DE "Sense of Purpose" OR DE "Social Health" OR DE "Stress" OR DE "Stress Management" OR DE "Well Being" OR DE "Youth Mental Health"	
26.	(Anxious OR "being irritable" OR "being nervous" OR "classroom behavior" OR "child attachment" OR compassion OR "conduct problems" OR "coping skills" OR "coping strategies" OR empathy OR "emotion regulation" OR "Emotional competence" OR "emotion awareness" OR engagement OR "Feeling depressed" OR forgiveness OR gratitude OR grief OR happiness OR kindness "life satisfaction" OR "Low mood" OR "Mental health" OR motivation OR nervousness OR optimism OR (prevent* AJD1 "mental disorder*") OR "Positive psychology*" OR "positive behavior" OR "psychological complaints" OR "psychological distress" OR Resilience OR sadness OR self-awareness OR "social skills" OR "social-emotion*" OR "self efficacy" OR "Sense of coherence" OR "self-control" OR self-confidence OR "self-management" OR ((social OR emotional OR interpersonal) ADJ (competence)) OR "suicide risk assessment" OR unhapp* OR wellbeing OR "well being" OR well-being OR wellness OR Worrying OR "quality of life")	1,579,996
Outcome: physical health		
27.	DE "Body Weight" OR DE "Body Weight Cycling" OR DE "Breast Feeding" OR DE "Headache" OR DE "Health Outcomes" OR DE "Hygiene" OR DE "Infant Development" OR DE "Motor Skills" OR DE "Migraine Headache" OR DE "Pattern Discrimination" OR DE "Physical Health" OR ((DE "Stomach") AND (DE "Pain")) OR DE "Somatoform Disorders" OR DE symptoms OR DE "Spatial Perception" OR DE "tinnitus" OR DE "Visual Acuity"	213,874
28.	TI(Headache OR "infant feeding" OR "somatic health" OR "stomach-ache" OR "personal hygiene" OR psychosomatic* OR tinnitus) OR AB(Headache OR "infant feeding" OR "somatic health" OR "stomach-ache" OR "personal hygiene" OR psychosomatic* OR tinnitus)	38,998
Outcome: sexual and reproductive health		
29.	DE "LGBTQ" OR DE "Menstrual Cycle" OR DE "Menstruation" OR DE "Ovulation" OR DE "Psychosexual Development" OR DE "Psychosexual Behavior" OR DE "Reproductive Health" OR DE "Safe Sex" OR DE "Sexual Health" OR DE "Sexual Risk Taking" OR DE "Sexual Minority Groups" OR DE "Sexual Consent"	62,989
30.	TI(Menstruation OR "period tracker" OR "sexual health" OR "sexual and reproductive health" OR "sexual risk behavior*" OR "risky sexual behavior*" OR "safe sex behavior*") OR AB(Menstruation OR "period tracker" OR "sexual health" OR "sexual and reproductive health" OR "sexual risk behavior*" OR "risky sexual behavior*" OR "safe sex behavior*")	16,435
Outcome: oral health		
31.	DE "Oral Health" OR DE "Dental Health" OR DE "Teeth (Anatomy)"	2,963
32.	TI((Brush* N1 teeth) OR Caries OR "dental erosion" OR "dental floss" OR "Oral health" OR "Oral-health" OR "Oral hygiene" OR toothbrush* OR (visit* N1 dentist*)) OR AB((Brush* N1 teeth) OR Caries OR "dental floss" OR "Oral health" OR "Oral-health" OR "Oral hygiene" OR toothbrush* OR (visit* N1 dentist*))	2,972
Outcome: safety and prevention of violence		
33.	DE "Help Seeking Behavior" OR DE "Health Risk Behavior" OR DE "Perpetrators" OR (DE "Prevention" AND (DE "Violence" OR DE "Sexual Abuse" OR DE "Intimate Partner Violence" OR DE "Harassment" OR DE "Bullying" OR DE "Dating Violence")) OR DE "Protective Behavioral Strategies" OR DE "Risk Taking" OR DE "Safety" OR DE "Victimization" OR DE "Violence Prevention"	86,200
34.	TI("Anti-cyberbullying" OR "cybersafety promotion" OR (Healthy N1 Relationship*) OR "safe surfing intervent*" OR "safety behavior*" OR "safety education" OR "reduce risky behavior" OR ((prevent* OR "prevention program*" OR detect* OR defense OR mitigation OR reduc* OR intervent*) N1 (bully* OR cyberbully* OR "dating and relationship violence" OR harassment OR IPV OR "sexual assault" OR "sexual harassment" OR "rape" OR "sexual coercion" OR victimize* OR violence)))	3,931
Outcome: language and communication (relations etc.)		
35.	DE "Close Relationships" DE "Communication Skills" OR DE "Emotion Recognition" OR DE "Empathy" OR DE "Emerging Adulthood" OR DE "Emotional Intelligence" OR DE "Emotional Regulation" OR DE "Friendship" OR DE "Interpersonal Interaction" OR DE "Social Emotional Learning" OR DE "Interpersonal Relationships" OR DE "Kindness" OR DE "Life Skills" OR DE "Loneliness" OR DE "Peer Relations" OR DE "Prosocial Behavior" OR DE "Relationship Satisfaction" OR DE "Relationship Quality" OR DE "Socioemotional Functioning"	177,222

36.	TI("communicative abilit*" OR "emotional intelligence" OR "fear of intimacy" OR "feeling lonely" OR friendship* OR loneliness OR (impaired N1 relationship*) OR "peer relationship*" OR "Peer connectedness" OR "social connection*" OR "Social competence" OR "social awareness" OR "social relationship*" OR "relationship skill*" OR "responsible decision-making" OR "Peer Communities" OR Prosocial OR "social communication skill*" OR ((social OR equal) N (participation))) AND (prevent* OR "prevention program*" OR promot* OR cultivat* OR detect* OR defense OR enhance OR elevate OR mitigate OR mitigation OR reduc* OR intervent* OR modifi* OR manage* OR change* OR strateg* OR implement* OR pre-post OR program* OR self-help OR train*) OR AB("communicative abilit*" OR "emotional intelligence" OR "fear of intimacy" OR "feeling lonely" OR friendship* OR loneliness OR (impaired N1 relationship*) OR "peer relationship*" OR "Peer connectedness" OR "social connection*" OR "Social competence" OR "social awareness" OR "social relationship*" OR "relationship skill*" OR "responsible decision-making" OR "Peer Communities" OR Prosocial OR "social communication skill*" OR ((social OR equal) N (participation))) AND (prevent* OR "prevention program*" OR promot* OR cultivat* OR detect* OR defense OR enhance OR elevate OR mitigate OR mitigation OR reduc* OR intervent* OR modifi* OR manage* OR change* OR strateg* OR implement* OR pre-post OR program* OR self-help OR train*)	51,207
Outcomes: combined sets		
37.	22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32 OR 33 OR 34 OR 35 OR 36	2,239,005
Study types: systematic reviews and meta-analyses		
38.	((DE "Meta Analysis" OR DE "Systematic Review" OR KW "health technology assessment" OR KW "Meta-analysis" OR KW "Systematic review" OR MA "Meta-Analysis" OR MA "Systematic Review" OR MA "Technology Assessment, Biomedical" OR MR "Meta Analysis" OR MR "Systematic Review") OR (TI (systematic* N3 review*)) OR (AB (systematic* N3 review*)) OR (TI (systematic* N3 bibliographic*)) OR (AB (systematic* N3 bibliographic*)) OR (TI (systematic* N3 literature)) OR (AB (systematic* N3 literature)) OR (TI (comprehensive* N3 literature)) OR (AB (comprehensive* N3 literature)) OR (TI (comprehensive* N3 bibliographic*)) OR (AB (comprehensive* N3 bibliographic*)) OR (TI (integrative N3 review)) OR (AB (integrative N3 review)) OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR TI ("Systematic overview*" OR "systemic 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 ("integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis") OR TI ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*"))	125,555
39.	TI((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study") OR AB ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study")	8,632
40.	38 OR 39	126,372
Combined sets:		
41.	3 AND 17 AND 40	2,534
42.	21 OR 37	2,439,132

Final result

43. 3 AND 17 AND 40 AND 42

2,674

The final search result, usually found at the end of the documentation, forms the list of abstracts.

AB = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **EM** = Entry date; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **RD** = Release date; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; **ZC** = Methodology Index; ***** = Truncation; **" "** = Citation Marks; searches for an exact phrase; **#** = replaces one or no letters; **?** = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

Search terms	Items found
Population: Children 0-18, young adults 18-20, parents, expectant parents	
1. TITLE-ABS("antenatal parenting" OR child* OR schoolchild* OR "infant" OR "infants" OR "infancy" OR adolesc* OR neonat* OR toddler* OR "teen" OR "teens" OR teenager* OR preteen* OR newborn* OR pediatric OR postneonat* OR postnatal* OR "puberty" OR preschool* OR suckling* OR "juvenile" OR "expectant primipar*" OR mother* OR father* OR parent* OR caregiver OR "new born" OR "new borns" OR new-born* OR neo-nat* OR neonat* OR perinat* OR underag* OR "under age" OR "under aged" OR youth* OR kinder* OR pubescen* OR preadolescent* OR prepubescen* OR "prepuberty" OR "school age" OR "schoolage" OR "school ages" OR schoolage* OR "young people" OR "one year old" OR "two year old" OR "three year old" OR "four year old" OR "five year old" OR "six year old" OR "seven year old" OR "eight year old" OR "nine year old" OR "ten year old" OR "eleven year old" OR "twelve year old" OR "thirteen year old" OR "fourteen year old" OR "fifteen year old" OR "sixteen year old" OR "seventeen year old" OR "eighteen year old" OR "1 year old" OR "2 year old" OR "3 year old" OR "4 year old" OR "5 year old" OR "6 year old" OR "7 year old" OR "8 year old" OR "9 year old" OR "10 year old" OR "11 year old" OR "12 year old" OR "13 year old" OR "14 year old" OR "15 year old" OR "16 year old" OR "17 year old" OR "18 year old" OR "two years old" OR "three years old" OR "four years old" OR "five years old" OR "six years old" OR "seven years old" OR "eight years old" OR "nine years old" OR "ten years old" OR "eleven years old" OR "twelve years old" OR "thirteen years old" OR "fourteen years old" OR "fifteen years old" OR "sixteen years old" OR "seventeen years old" OR "eighteen years old" OR "2 years old" OR "3 years old" OR "4 years old" OR "5 years old" OR "6 years old" OR "7 years old" OR "8 years old" OR "9 years old" OR "10 years old" OR "11 years old" OR "12 years old" OR "13 years old" OR "14 years old" OR "15 years old" OR "16 years old" OR "17 years old" OR "18 years old")	5,397,969
Intervention: digital technology	
2. TITLE (app OR apps OR application OR digital* OR cyber OR virtual OR web* OR wearable* OR AI OR computational)	3,072,026
3. TITLE-ABS-KEY ((cd-rom* OR chat* OR computer* OR cyber* OR digital OR dvd OR "electronic mail*" OR e-mail OR email OR "handheld device*" OR interactive OR "instant messag*" OR internet* OR ipad* OR i-pad* OR iphone* OR i-phone* OR messaging OR "mobile application*" OR multimedia OR multi-media OR online* OR on-line* OR "personal digital assistant*" OR "short messag*" OR smartphone* OR sms OR tablet* OR technologyassisted OR technology-assisted OR technologybased OR technology-based OR technologydelivered OR technology-delivered OR technologysupported OR technology-supported OR text AND messag* OR texting OR videoconferenc* OR "video conferenc*" OR virtual OR web OR webbased OR webdeliver* OR website*) AND (cd-rom* OR chat* OR computer* OR cyber* OR digital OR dvd OR "electronic mail*" OR e-mail OR email OR "handheld device*" OR interactive OR "instant messag*" OR internet* OR ipad* OR i-pad* OR iphone* OR i-phone* OR messaging OR "mobile application*" OR multimedia OR multi-media OR online* OR on-line* OR "personal digital assistant*" OR "short messag*" OR smartphone* OR sms OR tablet* OR technologyassisted OR technology-assisted OR technologybased OR technology-based OR technologydelivered OR technology-delivered OR technologysupported OR technology-supported OR "text messag*" OR texting OR videoconferenc* OR "video conferenc*" OR virtual OR web OR webbased OR webdeliver* OR website*))	905,860
4. TITLE-ABS-KEY ("Push notification*" OR "text-mess*" OR "Interactive dashboard*" or "Online Health Information" or Video* or YouTube OR "GIS-system*" OR "GPS tracking" OR "electronic support group*" OR "Social media*" or "social network*" OR "social platform*" or facebook or tiktok OR WhatsApp OR "Animated character*" or "Artificial agent*" or "Artificial* intelligen*" or "Assistant chat program*" or "Automated agent*" or "Avatar*" or "Chat agent*" or "Chat assistant*" or "Chat bot" or "Chat bots" or "Chatbot*" or "Chatter bot" or "Chatter bots" or "Chatter box" or "Chatter boxes" or "Chatterbot*" or "Chatterbox*" or "Communicative agent*" or "Companion agent*" or "Companion assistant*" or "Conversational agent*" or "Conversational AI" or "Conversational assistant*" or "Conversational avatar*" or "Conversational bot" or "Conversational bots" or "Conversational character*" or "Conversational computer*" or "Conversational entit*" or	3,584,870

	"Conversational human*" or "Conversational interface*" or "Conversational personal assistant*" or "Conversational system*" or "Conversational user interface*" or "Counsel agent*" or "Cyber individual*" or "Dialog system*" or "Dialogue system*" or "Digital assistant*" or "Digital coach*" or "Embodied agent*" or "Intelligent agent*" or "Interactive agent*" or "Interactive online character*" or "Interactive talking program*" or "Interface agent*" or "Interface character*" or Knowbot* or "Motivational agent*" or "Online chat program*" or "Pedagogical agent*" or "Persuasive ECA" or "Relational agent*" or "Relational assistant*" or "Smart bot" or "Smart bots" or Smartbot* or "Socia* agent*" or "Socia* bot" or "Socia* bots" or "Soft bot" or "Soft bots" or Softbot* or "Software agent*" or "Talk bot" or "Talk bots" or Talkbot* or "Talking agent*" or "Talking avatar*" or "Text-based synchronous chat" or "Virtual advisor*" or "Virtual agent*" or "Virtual assistant*" or "Virtual character*" or "Virtual chat expert*" or "Virtual coach*" or "Virtual consultant*" or "Virtual counsel*" or "Virtual health agent*" or "Virtual health coach*" or "Virtual health counsel*" or "Virtual host*" or "Virtual human*" or "Virtual online assistant*" or "Virtual patient advocate*" or "Virtual personal assistant*" or "Virtual therapist*" or "Virtual web assistant*" OR ((Wearable*) W/2 (device* OR technology OR technologies OR "movement sensor*" OR "activity tracker*" OR "activity tracking" OR "fitness tracker*")) OR accelerometer* OR pedometer OR Smartwatch* OR smartband OR "fitness wearable*" OR fitbit OR "step-tracking app*" OR "step count*" OR "physical activity tracker*" OR Pacer OR MapMyWalk OR PokemonGo OR "Apple Fitness" OR Strava OR "Nike Run Club" OR Fita OR "Garmin connect" OR ((diary OR logbook OR self-monitor* OR "health monitor*" OR tracking) W/3 (app OR apps OR application OR digital)) OR "wellness app*" OR "digital monitoring" OR "Self help app" OR "smart home assistance" OR "real-life monitoring tool*" OR ((feedback OR feed-back OR performance) W/1 (system* OR application OR loop* OR monitor*)) OR "electronic health record" OR "data visuali?ation" OR dashboard OR "digital nudge*" OR scorecard OR scoreboard OR "digital game*" OR Gamified OR gamification OR exergaming or "mobile game*" OR "serious game*" OR "artificial intelligence" OR "machine learning" OR LLLM OR "Large language model*" OR "text mining" OR "computational model" OR "computational modeling" OR "computational method*" OR "computational simulation*" OR "computational study")	
5.	2 OR 3 OR 4	6,682,425
Health Promotion		
6.	TITLE((promot* OR universal*))	495,387
7.	TITLE-ABS-KEY(((health*) W/1 (promot* OR stimulate OR enhance OR encourage* OR empower)) OR ((Universal* OR school-based OR systemic*) W/1 (deliver* OR program* OR prevent* OR promot* OR access OR self-help OR service* OR surveillance OR educat* OR intervent*)) OR "behaviour change intervention*" OR "collective health" OR "Digital health intervention*" OR (Early W/2 intervent*) OR "eHealth intervent*" OR "general population" OR "health protection" OR "healthy school*" OR "interventions for the general population" OR "maintaining behavior*" OR "maintenance of Health Behavior*" OR "MHealth intervent*" OR "parenting support program*" OR "parent training" OR "primary prevention" OR "selective prevent*" OR "universally offered" OR "universally given" OR "wellness improvement" OR ((behav*) W/3 (achieve* or chang* or comparison or contract or cost* or demonstration* or determinant* or "generalisation of target" or goal* or improv* or instruction* or model* or modifi* or monitor* or practice or preventive or rehearsal or restructur* or strateg* or substitut* or technique* or theor*)))	1,393,829
8.	6 OR 7	1,839,982
Outcome: lifestyle, psychological well-being, physical health, sexual and reproductive health, oral health, safety and prevention of violence, language and communication		
9.	TITLE(lifestyle)	35,860
10.	TITLE-ABS-KEY(((Lifestyle) W/5 (intervent* or modifi* or manage* or change* or promot* or strateg* or implement* or program*)) OR "active living" OR "active transport" OR "anti-vaping" OR "behavior change" OR "behaviour change" OR "Fruit intake" OR (health W/1 outcome*) OR "Healthy eating" OR "health promotion" OR "healthy behaviour*" OR "health behavior*" OR "health management" OR "Health Measurement*" OR "Healthy Living" OR "Healthy lifestyle*" OR "Health-promot*" OR "health-related behav*" OR "Health-supporting behavior" OR (help* W/2 develop* W/3 behavio*) OR "healthy screen use" OR "Improve child diet*" OR inactive OR inactivity OR insomnia OR "number of steps" OR "physical literacy" OR "physical activit*" OR "promote healthy" OR ((promot*) W/3	528,613

(sport* OR basketball OR football OR Hockey OR running OR soccer OR recreation)) OR ((Reduce OR reduction) W/1 (sugar* OR sweetened OR "screen time" OR sedentary)) OR "reduce sedentary" OR "sedentary behavior" OR "sitting time" OR sleep OR "sleeping difficulties" OR "step count*" OR ((Vegetable* OR fruit) W/3 (intake OR consumption OR improve)) OR "Walking habits*" OR Anxious OR "being irritable" OR "being nervous" OR "classroom behavior" OR "child attachment" OR compassion OR "conduct problems" OR "coping skills" OR "coping strategies" OR empathy OR "emotion regulation" OR "Emotional competence" OR "emotion awareness" OR engagement OR "Feeling depressed" OR forgiveness OR gratitude OR grief OR happiness OR kindness "life satisfaction" OR "Low mood" OR "Mental health" OR motivation OR nervousness OR optimism OR (prevent* W/1 "mental disorder*") OR "Positive psychology*" OR "positive behavior" OR "psychological complaints" OR "psychological distress" OR Resilience OR sadness OR self-awareness OR "social skills" OR "social-emotion*" OR "self efficacy" OR "Sense of coherence" OR "self-control" OR self-confidence OR "self-managment" OR ((social OR emotional OR interpersonal) W/1 (competence)) OR "suicide risk assessment" OR unhapp* OR wellbeing OR "well being" OR well-being OR wellness OR Worrying OR "quality of life" OR Headache OR "infant feeding" OR "somatic health" OR "stomach-ache" OR "personal hygiene" OR psychosomatic* OR tinnitus OR Menstruation OR "period tracker" OR "sexual health" OR "sexual and reproductive health" OR "sexual risk behavior*" OR "risky sexual behavior*" OR "safe sex behavior*" OR (Brush* W/1 teeth) OR Caries OR "dental erosion" OR "dental floss" OR "oral education" OR "Oral health" OR "Oral-health" OR "Oral hygiene" OR toothbrush* OR "tooth erosion" OR (visit* W/1 dentist*) OR "Anti-cyberbullying" OR "cybersafety promotion" OR (Healthy W/1 Relationship*) OR "safe surfing intervent*" OR "safety behavior*" OR "safety education" OR "reduce risky behavior" OR ((prevent* OR "prevention program*" OR detect* OR defense OR mitigation OR reduc* OR intervent*) W/1 (bully* OR cyberbully* OR "dating and relationship violence" OR harassment OR IPV OR "sexual assault" OR "sexual harassment" OR "rape" OR "sexual coercion" OR victimize* OR violence)) OR "communicative abilit*" OR "emotional intelligence" OR "fear of intimacy" OR "feeling lonely" OR friendship* OR loneliness OR (impaired W/1 relationship*) OR "peer relationship*" OR "Peer connectedness" OR "social connection*" OR "Social competence" OR "social awareness" OR "social relationship*" OR "relationship skill*" OR "responsible decision-making" OR "Peer Communities" OR Prosocial OR "social communication skill*" OR ((social OR equal) W/1 (participation) W/5 (prevent* OR "prevention program*" OR promot* OR cultivat* OR detect* OR defense OR enhance OR elevate OR mitigate OR mitigation OR reduc* OR intervent* OR modifi* OR manage* OR change* OR strateg* OR implement* OR pre-post OR program* OR self-help OR train*))

Outcome: combined sets

11. 9 OR 10

557,713

Study types: systematic reviews and meta-analyses

12. (INDEXTERMS ("systematic review" OR "meta analysis" OR "biomedical technology assessment" OR "network meta-analysis" OR "technology assessment, biomedical" OR "systematic reviews as topic")) OR (KEY ("systematic review" OR "meta analysis" OR "health technology assessment")) OR (TITLE-ABS ((systematic* W/3 review*) OR (systematic* W/3 bibliographic*) OR (systematic* W/3 literature) OR (comprehensive* W/3 literature) OR (comprehensive* W/3 bibliographic*) OR (integrative W/3 review) OR meta-analy* OR metaanaly* OR (information W/2 synthesis) OR (data W/2 synthesis) OR (data W/2 extract*) OR medline OR pubmed OR psyclit OR cinahl OR psycinfo OR "web of science" OR scopus OR embase)) OR (TITLE ("systematic overview*" OR "systemic 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 ("integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis")) OR (TITLE-ABS ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*")) AND (EXCLUDE (DOCTYPE , "le") OR EXCLUDE (DOCTYPE , "ed"))

1,256,107

Combined sets		
13.	1 AND 5 AND 12	13,641
14.	8 OR 11	2,272,830
Final result		
15.	13 AND 14	2,915

The final search result, usually found at the end of the documentation, forms the list of abstracts.

TITLE-ABS-KEY = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; * = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter; **LIMIT-TO (SRCTYPE, "j"** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar"** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re"** = Limit to document type review

Search terms		Items found
Population: Children 0-18, young adults 18-20, parents, expectant parents		
1.	"Child"[mhe] OR "Parents"[mhe] OR "adolescent"[mh] OR "young adult"[mh] OR "Caregivers" [mh] OR "Pregnancy"[mh]	1698
Intervention: digital technology		
2.	Mobile Applications[mh] OR Text Messaging[mh] OR Cell Phone[mhe] OR Geographic Information Systems[mh] OR "Hotlines"[mh] OR Internet[mh] OR internet-based intervention[mh] OR Smartphone[mh] OR Electronic Mail[mh] OR Public Service Announcements as Topic[mh] OR Computers, Handheld[mhe] OR Online Systems[mh] OR social media[mh] or Remote Consultation[mhe] OR Videoconferencing[mhe] OR Online Social Networking[mh] OR Accelerometry[mh] or wearable electronic devices[mh] or fitness trackers[mh] or smart glasses[mh] OR video games[mh] OR Token Economy[mh] OR Exp Virtual Reality[mh] OR (Feedback[mh] AND (Automation[mh] OR Algorithms[mh] OR Software[mh] OR User-Computer Interface[mh])) OR "Public Health Surveillance"[mh] OR Digital Technology[mh] or Artificial Intelligence[mh] OR Computer-Assisted Instruction[mh]	8678
Health Promotion		
3.	"Digital Health"[mh] OR "Health Promotion"[mh] OR "Preventive Health Services"[mh] OR "School Health"[mh] OR "Early Intervention, Educational"[mh] OR "Parenting"[mh] OR "Prenatal Education"[mh] OR "Child Health"[mh]	212
4.	(promot* OR universal*)[title]	96
5.	3 OR 4	279
Outcome: lifestyle, psychological well-being, physical health, sexual and reproductive health, oral health, safety and prevention of violence, language and communication (relations etc.)		
6.	"Alcohol Drinking"[mh] OR "Diet, Healthy"[mh] OR Exercise[mh] OR Fruit[mh] OR "Health Behavior"[mh] OR "Health Risk Behaviors"[mh] OR "Healthy Lifestyle"[mh] OR "Internet Use"[mh] OR "Leisure Activities"[mh] OR "Life Style"[mh] OR "Risk Reduction Behavior"[mh] OR "Sedentary Behavior"[mh] OR "Sleep Hygiene"[mh] OR "Smoking Cessation"[mh] OR "Smoking Reduction"[mh] OR "Sugar-Sweetened Beverages"[mh] OR "Tobacco Use Cessation"[mh] OR Vaping[mh] OR Vegetables[mh] OR "Health Literacy"[mh] OR "Screen Time"[mh] OR Sports[mhe] OR "Pediatric Obesity"[mh] OR "Youth Sports"[mh] OR "Adaptation, Psychological"[mh] OR Anxiety[mh] OR Bereavement[mh] OR Depression[mh] OR Emotions[mhe] OR "Grief"[mhe] OR "Mental Health"[mh] OR "Personal Satisfaction"[mh] OR "Psychology, Positive"[mh] OR "Resilience, Psychological"[mh] OR Sadness[mh] OR "Self Concept"[mhe] OR "Self-Compassion"[mh] OR "Stress, Psychological"[mh] OR "school mental health"[mh] OR suicide[mh] OR "Body Weight"[mh] OR "Body Weight Changes"[mhe] OR "Breast Feeding"[mh] OR Growth[mh] OR "Growth Charts"[mh] OR "Hand Hygiene"[mh] OR "Headache"[mh] OR Hearing[mh] OR "Hygiene"[mh] OR "Psychophysiologic Disorders"[mh] OR "Psychomotor Performance"[mhe] OR ("Stomach Diseases"[mh] AND Pain [mh]) OR "Tinnitus"[mh] OR "Vision, Ocular"[mhe] OR "Menstrual Cycle"[mh] OR Menstruation[mh] OR "Reproductive Health"[mh] OR "Sex Education"[mh] OR "Sexual Behavior"[mh] OR "Sexually Transmitted Diseases"[mh] OR "Safe Sex"[mh] OR "unsafe sex"[mh] OR Bruxism[mhe] OR "Dental Caries"[mh] OR "Health Education, Dental"[mh] OR "Oral Health"[mh] OR "Oral Hygiene"[mh] OR "Sleep Bruxism"[mh] OR Toothbrushing[mh] OR "Tooth Erosion"[mh] OR Aggression[mh] OR Bullying[mh] OR "Child Abuse"[mh] OR "Crime Victims"[mh] OR "Domestic Violence"[mhe] OR "Fear"[mhe] OR "Intimate Partner Violence"[mh] OR "Problem Behavior"[mh] OR "Psychological Safety"[mh] OR "Risk Reduction Behavior"[mh] OR Safety[mh] OR "sexual harassment"[mh] OR "sex offenses"[mhe] OR Violence[mh] OR Emotions[mh] OR "Friends"[mh] OR "Interpersonal Relations"[mh] OR Loneliness[mh] OR "social Isolation"[mh] OR "social networking"[mh] OR "Social Behavior"[mh] OR "Social Skills"[mh] OR "Social Support"[mh] OR "Play and Playthings"[mh]	1647
Combined sets:		
7.	5 OR 6	1811
Final result		
8.	1 AND 2 AND 7	156

The final search result, usually found at the end of the documentation, forms the list of abstracts.