Appendix 1. Search strategies for all databases. All searches were conducted on January 14, 2020. Search update was conducted on September 16, 2020. Date limits of 1990-2020 were used.

Search 1 (original): January 14, 2020.

Database	Search strategy	Number of results
PubMed (1966-)	(incarcerat* OR probation[tiab] OR "community supervised"[tiab] OR arrest[tiab] OR arrested[tiab] OR detention[tiab] OR detained[tiab] OR jail[tiab] OR jailed[tiab] OR jails[tiab] OR corrections[tiab] OR correctional[tiab] OR offender[tiab] OR offenders[tiab] OR reoffending[tiab] OR justice[tiab] OR justice-involved[tiab] OR diversion[tiab] OR diverted[tiab] OR imprisoned[tiab] OR "Juvenile Delinquency"[Mesh] OR court-involved[tiab] OR "juvenile court"[tiab] OR "family court"[tiab] OR cross-over[tiab] OR crossover[tiab] OR "training school"[tiab] OR "group home"[tiab] OR "residential placement"[tiab]) AND (teen[tiab] OR teens[tiab] OR teenager[tiab] OR teenage[tiab] OR	253

	teenaged[tiab] OR teenagers[tiab] OR adolescent[tiab] OR adolescence[tiab] OR adolescents[tiab] OR "young adult"[tiab] OR children[tiab] OR child[tiab] OR youth[tiab] OR youthful[tiab] OR juvenile[tiab] OR youths[tiab] OR juveniles[tiab] OR "young people"[tiab]) AND ("Adverse Childhood Experiences"[Mesh] OR "Adult Survivors of Child Adverse Events"[Mesh] OR "adverse childhood experience"[tiab] OR "adverse childhood experiences"[tiab] OR aces[tiab] OR "childhood trauma"[tiab] OR "adverse childhood event"[tiab] OR "adverse childhood events"[tiab] OR "childhood adversity"[tiab])	
PsycINFO (ProQuest, 1887-)	ti((MAINSUBJECT.EXACT("Juvenile Delinquency") OR incarcerat* OR probation OR "community supervised" OR arrest OR arrested OR detention OR detained OR jail OR jailed OR jails OR corrections OR correctional OR offender OR offenders OR reoffending OR justice OR justice-involved OR	318

| | diversion OR diverted OR imprisoned OR court-involved OR "juvenile court" OR "family court" OR cross-over OR crossover OR "training school" OR "group home" OR "residential placement")) AND ti((teen OR teens OR teenager OR teenage OR teenaged OR teenagers OR adolescent OR adolescence OR adolescents OR "young adult" OR children OR child OR youth OR youthful OR juvenile OR youths OR juveniles OR "young people")) AND ti((MAINSUBJECT.EXACT("Childhood Adversity") OR "adverse childhood experience" OR "adverse childhood experiences" OR aces OR "childhood trauma" OR "adverse childhood event" OR "adverse childhood events" OR "childhood adversity")) OR ab((MAINSUBJECT.EXACT ("Juvenile Delinquency") OR incarcerat* OR probation OR "community supervised" OR arrest OR arrested OR detention OR detained OR jail OR jailed OR jails OR corrections OR correctional OR offender OR offenders OR reoffending OR justice OR justice-involved OR diversion OR diverted OR imprisoned OR court- | |

	involved OR "juvenile court" OR "family court" OR cross-over OR crossover OR "training school" OR "group home" OR "residential placement")) AND ab((teen OR teens OR teenager OR teenage OR teenaged OR teenagers OR adolescent OR adolescence OR adolescents OR "young adult" OR children OR child OR youth OR youthful OR juvenile OR youths OR juveniles OR "young people")) AND ab((MAINSUBJECT.EXACT ("Childhood Adversity") OR "adverse childhood experience" OR "adverse childhood experiences" OR aces OR "childhood trauma" OR "adverse childhood event" OR "adverse childhood events" OR "childhood adversity"))	
Embase (1947-)	('juvenile delinquency'/exp OR incarcerat* OR probation:ti,ab OR "community supervised":ti,ab OR arrest:ti,ab OR arrested:ti,ab OR detention:ti,ab OR detained:ti,ab OR jail:ti,ab OR jailed:ti,ab OR jails:ti,ab OR corrections:ti,ab OR correctional:ti,ab OR offender:ti,ab OR offenders:ti,ab OR reoffending:ti,ab OR	245

justice:ti,ab OR justice-involved:ti,ab OR diversion:ti,ab OR diverted:ti,ab OR imprisoned:ti,ab OR court-involved:ti,ab OR "juvenile court":ti,ab OR "family court":ti,ab OR cross-over:ti,ab OR crossover:ti,ab OR "training school":ti,ab OR "group home":ti,ab OR "residential placement":ti,ab)

AND

(teen:ti,ab OR teens:ti,ab OR teenager:ti,ab OR teenage:ti,ab OR teenaged:ti,ab OR teenagers:ti,ab OR adolescent:ti,ab OR adolescence:ti,ab OR adolescents:ti,ab OR "young adult":ti,ab OR children:ti,ab OR child:ti,ab OR youth:ti,ab OR youthful:ti,ab OR juvenile:ti,ab OR youths:ti,ab OR juveniles:ti,ab OR "young people":ti,ab)

AND

('childhood adversity'/mj OR "adverse childhood experience":ti,ab OR "adverse childhood experiences":ti,ab OR aces:ti,ab OR "childhood trauma":ti,ab OR "adverse childhood event":ti,ab OR "adverse childhood

	events":ti,ab OR "childhood adversity":ti,ab)	
Web of Science (1900-)	(incarcerat* OR probation OR "community supervised" OR arrest OR arrested OR detention OR detained OR jail OR jailed OR jails OR corrections OR correctional OR offender OR offenders OR reoffending OR justice OR justice-involved OR diversion OR diverted OR imprisoned) AND (teen OR teens OR teenager OR teenage OR teenaged OR teenagers OR adolescent OR adolescence OR adolescents OR "young adult" OR children OR child OR youth OR youthful OR juvenile OR youths OR juveniles OR "young people") AND ("adverse childhood experience" OR "adverse childhood experiences" OR aces OR "childhood trauma" OR "adverse childhood event" OR "adverse childhood events" OR "childhood adversity")	416
Sociological Abstracts & Social Services Abstracts	ti(((MAINSUBJECT.EXACT ("Juvenile Delinquency") OR	132

| (ProQuest, 1963- and 1980-, searched together) | incarcerat* OR probation OR "community supervised" OR arrest OR arrested OR detention OR detained OR jail OR jailed OR jails OR corrections OR correctional OR offender OR offenders OR reoffending OR justice OR justice-involved OR diversion OR diverted OR imprisoned OR court-involved OR "juvenile court" OR "family court" OR cross-over OR crossover OR "training school" OR "group home" OR "residential placement") AND (teen OR teens OR teenager OR teenage OR teenaged OR teenagers OR adolescent OR adolescence OR adolescents OR "young adult" OR children OR child OR youth OR youthful OR juvenile OR youths OR juveniles OR "young people") AND ("adverse childhood experience" OR "adverse childhood experiences" OR aces OR "childhood trauma" OR "adverse childhood event" OR "adverse childhood events" OR "childhood adversity"))) OR ab(((MAINSUBJECT.EXACT("Juvenile Delinquency") OR incarcerat* OR probation OR "community supervised" OR arrest OR arrested OR detention OR detained OR jail OR jailed OR jails OR corrections OR correctional OR offender OR offenders OR reoffending OR justice OR justice-involved OR diversion OR diverted OR | |

	imprisoned OR court-involved OR "juvenile court" OR "family court" OR crossover OR crossover OR "training school" OR "group home" OR "residential placement") AND (teen OR teens OR teenager OR teenage OR teenaged OR teenagers OR adolescent OR adolescence OR adolescents OR "young adult" OR children OR child OR youth OR youthful OR juvenile OR youths OR juveniles OR "young people") AND ("adverse childhood experience" OR "adverse childhood experiences" OR aces OR "childhood trauma" OR "adverse childhood event" OR "adverse childhood events" OR "childhood adversity")))	
Google Scholar	(juvenile justice OR "juvenile offenders" OR "justice-involved youth" OR "court-involved youth") AND ("adverse childhood experiences" OR "adverse childhood experience" OR aces OR "adverse childhood events" OR childhood adversity")	50
Total number of results		1414
Total number of duplicates		646
Total results after de-duplication		768

Search 2 (update): September 16, 2020. Search strategies above were used with date limits from January 15, 2020 – September 16, 2020.

Database	Number of results
PubMed (1966-)	40
PsycINFO (ProQuest, 1887-)	20
Embase (1947-)	34
Web of Science (1900-)	91
Sociological Abstracts & Social Services Abstracts (ProQuest, 1963- and 1980- , searched together)	7
Google Scholar	50
Additional sources	1
Total	243
Number of duplicates	113
Total after de-duplication	**130**