

SUPPLEMENTAL MATERIAL

Pubmed Search Terms

PubMed query

“Search ("out of home"[All Fields] OR "out-of-home"[All Fields] OR "child welfare"[MeSH Terms] OR "child welfare"[All Fields] OR "children's services"[All Fields] OR "foster home care"[MeSH Terms] OR ("foster"[All Fields] AND "home"[All Fields] AND "care"[All Fields]) OR "foster home care"[All Fields] OR "fostering"[All Fields]) AND ("informed consent"[MeSH Terms] OR ("informed"[All Fields] AND "consent"[All Fields]) OR "informed consent"[All Fields]) AND ("infant"[MeSH Terms] OR "infant"[All Fields] OR "child"[MeSH Terms] OR "child"[All Fields] OR "adolescent"[MeSH Terms] OR "adolescent"[All Fields]) AND "english"[Filter)”.

Supplemental Table 1. Included Studies and Articles for Literature Review

Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
POC Study (Garland et al, 2001)	Sample of youths 6 to 17 y.o from five publicly funded sectors of care in San Diego County	1,715 youth eligible within criteria	Mix of youth and caregivers	Caregiver consent, youth assent	Eligible if received services from any of 5 public service sectors serving youth with substance abuse issues	
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Aarons, 2001	Prevalence of adolescent substance use disorders across five sectors of care	To examine the level of concordance between reports of youths enrolled in public sectors of care and their parents and identify potential predictors of parental awareness of substances	1,036 enrolled (after missing data excluded)	13-18 y.o	Ages 6 to 17 were eligible; 12,662 (service from 5 sectors)->3,402 randomly selected-> 2,555 located->1,715 completed 1 interview	
Leslie, 2003	Racial-ethnic differences in the use of psychotropic medication in high-risk children and adolescents	To investigate race/ethnicity and the rates of psychotropic medication use by youths	1,342 enrolled (after missing data excluded)	6-17 y.o	Ages 6 to 17 were eligible; 12,662 (service from 5 sectors)->3,417 randomly selected-> 2,626 located->1,715 completed 1 interview	
Garland, 2001	Prevalence of psychiatric disorders in youths across five sectors of care	To examine prevalence of psychiatric disorders among the 5 public sectors	1,618 enrolled (patients that had DISC data available)	6-17 y.o	843 refused to consent; 12,662 (service from 5 sectors)->3,402 randomly selected-> 1,715	

Leslie, 2007	Caregiver depression and medication use by youths and ADHD who receive services in the public sector	To examine the relationship between caregiver depression and medication use by youths	390 enrolled (out of 444 eligible)	6-17 y.o	3,417 randomly selected -> 1,715 completed 1 interview -> 444 diagnosed w/ ADHD via DISC-IV	
Aarons, 2008	Association between mental and physical health problems in high-risk adolescents: A longitudinal study	To examine the relationship between mental and physical health problems in a sample of high-risk youth	1,332 enrolled (after missing data excluded)	9-18 y.o	6-17 y.o eligible; 12,662 (5 sectors) -> 3,402 randomly selected -> 1,715 completed 1 interview	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
Great Smokey Mountain Study	A longitudinal epidemiologic study of mental health problems and service use within a predominately rural region of Southeastern US	1,346 eligible	Mixture of youth and caregivers	Biological parent consent, youth assent	Patients considered eligible after examining scores (above predetermined threshold including 10% with lower scores)	
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Farmer, 2001	Use of mental health services by youth in contact with social services	To compare mental health service need and use between three different subsections of youth (foster care, etc.)	1,073 enrolled	9, 11, 13	Sample of 4,500 from public schools in 11 counties -> 4,067 found to be eligible -> 3,896 took CBCL screen -> 1,346 met score criteria	

Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
LONGSCAN	A coordinated set of 5 prospective studies of the causes, correlates, and consequences of child abuse and neglect	Not Reported	Maternal CG's interviewed	Biological parent consent, youth assent		
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Runyan, 1998	Children who prosper in unfavorable environment: the relationship to social capital	To examine the relationship between social capital and developmental and behavioral outcomes in high-risk preschoolers	667	2-5	Cross-sectional analysis of participants in North Carolina (141), San Diego (146), Baltimore (196), and Seattle (184)	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
National Longitudinal Study of Adolescent Health (Add Health)	Large, nationally representative sample of youth with waves of data across 80 US high schools and 52 US middle schools collected over 6 years	15,197	Varied	Biological parent consent, youth assent	Articles 13 and 15 involved CG participation; Article 14 only included youth	
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	

Ahrens, 2010	Naturally acquired mentoring relationships and young adult outcomes among adolescents with learning disabilities	Does naturally acquired mentor during adolescence was related to improved adult outcomes	1,714	7th - 12th grade	90,118 had interview - > 20,745 had another 1 yr after -> 15,197 interviewed 2-6 years after first	
Ahrens, 2008	Youth in foster care with adult mentors during adolescence have improved adult outcomes	Do foster youth w/ natural mentors have better adult outcomes	310 youth only	14 - 18	90,118 had interview - > 20,745 had another 1 yr after -> 15,197 interviewed 2-6 years after first	
Ahrens, 2010	Laboratory-diagnosed sexually transmitted infections in former foster youth compared with peers	To study the relationship between residing foster care and STI risk	14,322	7th - 12th grade	90,118 had interview - > 20,745 had another 1 yr after -> 15,197 interviewed 2-6 years after first	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
National Study of Child and Adolescent Well-Being (NSCAW)	A longitudinal study examining the characteristics, needs, and outcomes of children for alleged abuse and neglect	Variable	Mixture of youth and caregivers	Caseworker consent, youth assent	Most studies dealt with youth who had contact with the foster care system in a 15 mo. time period beginning in Oct '99	
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	

Leslie, 2010	Health-risk behaviors in young adolescents in the child welfare system	To examine rates and patterns of health-risk behavior among national of active foster care	993 (out of 5501)	11 - 15	Spanning 96 counties across 36 states, children were randomly selected from a pop of children between 0-15 years, then those below 11 and above 15 were excluded	
Leslie, 2004	Outpatient mental health services for children in foster care: A national perspective	Examining what factors influencing the use of outpatient mental health	462 (out of 1,291)	2 - 15	Cohort included children 0-14 y.o specifically those in out-of-home placement for 1 year	
Traube, 2012	A national study of risk and protective factors for substance use among youth in the child welfare system	Examining the association between baseline psychosocial risk and protective factors	827 (out of 5,501)	11 - 14	Data were collected between '99 to '02 resulting in 5,501 eligible children -> 1,180 were between 11 and 14 -> 1,030 were interviewed at waves 1, 3, and 4 of original study -> 827 had substance use data available	

Burns, 2004	Mental health need and access to mental health services by youths involved with child welfare: A national survey	Study of the relationship between need for and use of mental health services among foster youth	3803 (out of 5,504)	2 - 14	5,504 eligible from randomly selected cohort -> ages 2-14 included resulting in 3,803 participants	
Stahmer, 2005	Developmental and behavioral needs and service use for young children in child welfare	Examining the level of developmental and behavioral need for youth in foster care - early intervention	2813 (out of 5,504)	<6	5,504 eligible children with active child welfare case, families whose cases were not substantiated, and those that were substantiated but did not have active child welfare case -> children <6 were included resulting in 2,813 children	
Raghavan, 2005	Psychotropic medication use in a national probability sample of children in the child welfare system	To examine the psychotropic need, used, and relationships between child level characteristics, provider type	3,114 (# eligible not reported)	2 - 14	Sampling was done in same 15 month sampling time frame, but excluded children in foster care for 1 year at time of sampling as well as children below 2	

Leslie, 2010	Rates of psychotropic medication use over time among youth in child welfare/child protective services	Examining use of psychotropic medication over time among foster youth	2,521 (out of 5,501)	2 - 16	Sampling done in 15 month time frame similar to above, but age seemed to be only exclusion factor	
Leslie, 2011	Investigating geographic variation in use of psychotropic medications among youth in child welfare	Geographic domain and psychotropic med use among child welfare	2504 (# eligible not reported)	2 - 15	Sampling similar to above article	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
National Study of Child and Adolescent Well-Being II (NSCAW II)	Includes a cohort of children who had contact with the child welfare system within a 15 month period that began in Feb 2008	5,872	Mixture of youth and caregivers	Caseworker consent, youth assent		
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Stein, 2014	Health status and type of out-of-home placement: Informal kinship care in an investigated sample	To assess sociodemographic health and mental health of children in out-of-home living situations	1,608	0-17.5	Only children who began living in foster care or formal or informal kinship care after the child welfare investigation were examined	

Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
NSCAW & Add Health	Same description as above	Not Reported	Mixture of youth and caregivers	Caseworker consent, youth assent		
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Fettes, 2013	Higher rates of adolescent substance use in child welfare versus community populations in the United States	Comparing psychosocial factors to lifetime and current substance abuse rates among foster care	4,445 Add Health; 730 NSCAW	12 - 14	Ages 12-14 at time of first interview, whose caregiver also participated, and for whom sample weights were available	
Fettes, 2011	Smoking behavior of US youths: A comparison between child welfare system and community populations	Investigated factors associated with smoking for each group	4,472 Add Health; 740 NSCAW	12 - 14	Same as above	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	

LA County Department of Child and Family Services (DCFS)	Management Information System of children aged 6 through 12 living in out-of-home placements from three of the eight county service areas between July 96 and March 98	2,103	Youth	Caseworker, GAL, and caregiver consent, youth assent		
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Zima, 1999	Psychotropic medication treatment patterns among school-aged children in foster care	To examine levels of psychotropic medication use and patterns of treatment among foster care	302	6 - 12	2,103 children during the 21 mo study period -> 472 randomly selected -> 330 verified eligible by caseworker -> 302 of which completed the first home interview	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	

San Diego County Admin Data	Large cohort of children and adolescents (ages 0-17) who had entered out-of-home care due to maltreatment between May 90 and October 91 and remained in placement for at least 5 months	1, 221	Mixture of youth and caregivers	judge and caseworker and caregiver consent, youth assent		
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	
Litrownik, 2005	Assessment of depressive symptomatology in young maltreated children	To explore depression in young maltreated children	197	3-7	354 eligible 3-7 yr olds -> 197 completed PRESS (157 either couldn't be located or refused to participate)	
Leslie, 2000	Children in foster care: Factors influencing outpatient mental health service use	To determine factors affecting outpatient mental health service use by children in foster care	480 (out of 1,078)	4-17	Inclusion criteria included (1) remained in out-of-home care at 4 months after entry into foster system, (2) were placed in SD County, (3) had Department of Social Services data available	

Newton, 2000	Children and youth in foster care: Disentangling the relationship between problem behaviors and number of placements	To look at relationships between COP and problem behaviors over 1 yr period	415	2-17	1,221 eligible children from larger cohort -> 934 had data obtained -> 702 after <2 years were excluded -> 465 met interview timing criteria (no less than 6 mos no more than 18 mos between interviews) -> 40 excluded due to incomplete CBCL data -> 10 excluded due to lack of placement data	
Data Set	Description	# Eligible	Participants	Consent Method	Other Notes	
Lucas County Children's Services Independent Living Program and Post-emancipation Program	Comprehensive list of current and emancipated youth in either ILP or PEP programs within Lucas County	Not Reported	Youth	Child consent only	Admin data reviewed included 72 current FY enrolled in ILP on 1/1/08, 108 ILP youth who emancipated from care from 1/1/05 to 12/31/07, and 43 emancipated youth who received PEP services from 1/1/06 to 12/31/07	
Article	Article Title	Objective	# Enrolled	Ages Included	Enrollment Plan	

Mares, 2008	Needs assessment of emancipating foster youth in Lucas County, Ohio final report	To help inform future service-oriented requests for proposals to aid emancipating youths	31	16+	Focused groups consisted of ILP youth in foster homes, ILP youth placed in treatment homes, 8 PEP young adults, and 5 emancipated youth who didn't receive PEP services	
Non-Admin Data Articles						
Article	Ages Included	Objective	# Eligible	# Enrolled	Consent Method	Enrollment Plan
Green, 2011	11-18	To examine the level of concordance between reports of youths enrolled in public sectors of care and their parents and identify potential predictors of parental awareness of substances	1,418	985	Caregiver consent, youth assent	Participants drawn from a representative group
Garland, 2000	13-18	To develop a multidimensional scale of adolescents' satisfaction w/ mental health services w/ items derived from interviews	584	180	Caregiver consent, youth assent	584 eligible based on criteria and then 225 randomly selected

Price, 1998	5-10	Determine if social information processing patterns were predictive of later social adaptation and behavior problems	Not Reported	124	Caregiver consent, youth assent	0-18 y.o eligible; maltreated children; siblings were randomly selected
Gardner, 1996	8-15	Perceptions of children in family foster care	Not Reported	43 (42 matched controls)	Caregiver consent, youth assent	Five foster care agencies in Melbourne area selected 51 children between 8 and 15 who have been in care more than 1 year
Taussig, 2001	7-12	Behavioral outcomes for youth who were reunified after placement in foster care in comparison to non-reunified	287	214	Biological parent consent, youth assent	324, but 37 didn't meet criteria; Between May 1990 to Oct. 1991; 3 criteria types
Johnson, 1995	11-14	What is the impact of foster care (from child's perspective)	95	59	Biological parent and caseworker consent, child assent	95 randomly selected; 8 refused to consent; BP (3); Child (4); FP (1)
Taussig, 2002	7-12	Examining protective and vulnerability factors in youth in foster care	287	214	Biological parent and caseworker consent, child assent	324 from sample
Poulton, 2014	13-17	Do comprehensive psychosocial interventions alter psychotic symptom trajectories	Not Reported	166	Caseworker consent, youth assent	

Narendorf, 2012	16-18	Explore perspectives of older youths in the midst from residential to treatment foster home programs	46	8	Caseworker consent, youth assent	Possibly 7? One decided not to participate before foster home
McMillen, 2015	16-18	Piloting program to aid in step down situations from residential to treatment	46	14	Caseworker consent, youth assent	Foster parents also consented according to methods
Tanaka, 2011	16-20	Examined the relationship between child maltreatment and self-compassion	561	117	Caseworker consent, youth assent	Maltreatment and Adolescent Pathways (MAP); Long. Study; 2002 - 2010; most aged 14 -17
Courtney, 2001	17-18	Examining how youths fare during/after transition to independence	149	141	Caseworker consent, youth assent	Foster Youth Transitions to Adulthood Study; Feb - May '95
Raghavan, 2009	17	Youth in foster care who lose Medicaid and then can secure other insurance	450	404	Caseworker consent, youth assent	Dec '01 - May '03; 450 randomly selected with complete data
Weisz, 2011	8-18	Determining pros and cons of court as well with judicial behavior and age differences	150	93	Caseworker and GAL consent, youth assent	

Hobbs, 2014	7-10	Investigated attitudes of maltreated children involved in court hearings	218	137	Judge consent, youth assent	85 dependency; 52 criminal; 4-16 y.o; 218 criminal -> 52 selected
Block, 2010	7-10	Maltreated children knowledge and attitudes about their court experiences	Not Reported	85	Judge consent, youth assent	50-100 waiting for cases to be heard; dependency courts
Wandrey, 2012	6-10	Examining maltreated foster youth's temporal knowledge	Not Reported	167	Judge and caseworker consent, child assent	LA County dependency court
Aarons, 2010	11-17	Examining the degree to which youths and caregivers attend to different factors -> mental	306 families	526 individuals	Judge or caseworker consent, caregiver consent, youth assent	306 families --> 284 families
Chamberlain, 2006	5-12	To identify predictors of foster placement disruption to assess risk of failure	Not Reported	246	Caregiver consent only	Children were part of larger study allowing to be eligible for this study
Chamberlain, 2008	5-12	Effectiveness of parent management training on foster children	Not Reported	700	Caregiver consent only	
Kirk, 2012	6th-12th grade	The effect of gender on educational expectations and measures gender differences	Not Reported	550	Biological parent consent only	Enrolled from Kansas Kids Program

Keller, 2010	17+	Older foster youth probability of alcohol abuse or dependence	880	732	Child consent only	Apr to Jun 2012; 67% eligible across 3 states -> 880 identified -> 732 of 770 remaining were consented
Van Ryzin, 2011	Not Reported	To help youth to improve their ability to negotiate and cope w/ changes	Not Reported	569	Waiver of consent and assent	Youth Experiences of Transitions