

Experience of child welfare services and long-term adult mental health outcomes: a scoping review

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This document is the Supplemental Material

Citation:

MCKENNA, Sarah, DONNELLY, Michael, ONYEKA, Ifeoma N., O'REILLY, Dermot and MAGUIRE, Aideen (2021). Experience of child welfare services and long-term adult mental health outcomes: a scoping review. *Social Psychiatry and Psychiatric Epidemiology*, 56, 1115-1145. [Article]

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Supplementary Table TS2. Final model covariates, included studies of OHC and adult mental health

Study	Covariates				
	ACEs	Demographics	Socio-economic	Care experiences	Other
Anctil et al. (2007), USA	Physical abuse (<i>ns</i>) Sexual abuse (- overall mental health) Neglect (<i>ns</i>) Emotional abuse (<i>ns</i>)	Gender (<i>ns</i>) Current age (<i>ns</i>) Ethnicity (<i>ns</i>)		Age at first placement (<i>ns</i>) Intensity of placement change (- no. diagnoses) Felt loved (<i>ns</i>) Helpfulness of foster parent (<i>ns</i>) Close relationship with an adult (<i>ns</i>) Mental health services (- no. diagnoses) Independent living services (- overall mental health) Employment training (<i>ns</i>) Tutoring services (<i>ns</i>) Education services (<i>ns</i>)	
Björkenstam et al. (2017), Sweden	Parental death (<i>ns</i>) Parental criminality (-) Parental substance abuse (- diagnosis) Parental psychiatric morbidity (-) Parental separation (-) Total no. childhood adversities (-)	Birth year (nr) Gender (nr) Parental country of birth (nr)	Parental education (nr) Household public assistance (-) Residential instability (- diagnosis)		
Brännström et al. (2017), Sweden		Gender (nr)	Parental social class childhood (nr) Household poverty childhood (nr)		
Bruskas and Tessin (2013), USA	ACEs prior to OHC (-)			ACEs during OHC (<i>ns</i>) Number of placements (<i>ns</i>)	
Buchanan et al. (2000), UK			Parental manual class (<i>ns</i>) Smoker or drinker (- female) Presence of partner (+ female) Employed (+) Manual class as adult (- female) High Rutter score at 16 (-) Qualifications (+ female)		High non-verbal skills as child (+)

Cheung and Buchanan (1997), UK	Gender (- female)	Childhood social disadvantage (- female age 33) Marital status (+ married; - female no partner at 23, - no partner at 33 years) Qualifications (+) Manual class (- age 23 years) Unemployment (-) Looking after the home (- age 23)	
Dixon (2006), UK	Gender (<i>ns</i>) Ethnicity (<i>ns</i>)		Range of trouble during care (-) Duration in care (<i>ns</i>) Placement movement (<i>ns</i>) Age at leaving OHC (<i>ns</i>) M/h problem at baseline (-) Experiencing troubles post-care (-) Intense contact with leaving care worker (-) Other support measures (<i>ns</i>) Living in suitable housing (+) Disability (<i>ns</i>)
Dregan et al. (2011), UK	Gender (nr) Ethnicity (nr)	Mother's marital status (nr) Parental education (nr) No. of siblings at birth (nr) Socio-economic status in childhood (nr) Mother's age (nr) Residential area at child's birth (nr)	Premature birth (nr) Birthweight (nr) Mother's smoking and drinking during pregnancy (nr) Breastfed (nr)
Garcia et al. (2012), USA	Current age (<i>ns</i>) Gender (- female)		Placement instability (- Caucasian) Circumstances of exit (<i>ns</i>) Access to independent living services (+ African American) Drug and alcohol services (- Caucasian) Mental health services (<i>ns</i>) Tutoring (<i>ns</i>) Employment services (- African American) Tangible items for leaving (<i>ns</i>) Agency helpfulness (- Caucasian) Subjective preparedness for leaving care (+ Caucasian) Satisfaction with foster care (+ African American)

Garcia et al. (2015), USA	Parental criminal history (<i>ns</i>) Parental mental health (-) Parental substance abuse (<i>ns</i>) Chronicity of abuse (-)	Gender (- female) Age (<i>ns</i>)	Placement instability (-) Agency helpfulness (+ African American/Caucasian)	Childhood mental/physical disability (<i>ns</i>)
Harris et al. (2010), USA		Current age (nr) Gender (nr) Ethnicity (nr)	Decade entered care (nr) Region served in care (nr)	
Patterson et al. (2015), Canada		Current age (nr) Gender (nr) Ethnicity (nr)	Level of need (nr) Marital status (nr)	
Roller White et al. (2009), USA	Maltreatment (nr) Reason for placement (nr)	Age (nr) Gender (nr) Ethnicity (nr)	Casey or state OHC (nr)	Childhood mental/physical health problem (nr)
Roos et al. (2014), Canada		Current age (nr) Gender (nr) Ethnicity (nr)	Relationship status (nr) Education (nr) Length of homelessness (nr)	
Schneider et al. (2009), USA		Current age (nr) Ethnicity (nr)		
Teyhan et al. (2018), UK		Current age (nr)	Relationship status (nr) Education (nr) Financial difficulties (nr) Social class (nr) Housing tenure (nr)	Parity for women (nr) Pregnancy intentional (nr) Pregnancy status/intentions (nr)
Villegas and Pecora (2012), USA	Maternal m/h problems (-)	Ethnicity (<i>ns</i>) Current age (- younger age) Gender (- female)	Age at entry (+ younger age) No. of placements (- higher) Maltreatment in OHC (-) Preparedness for leaving (+ high preparedness)	
Viner and Taylor (2005), UK			Paternal social class (nr) Maternal education (nr) Adult social class (nr)	
Vinnerljung and Hjern (2014), Sweden	Parental substance abuse (nr) Parental m/h problems (nr)	Birth year (nr) Maternal birth country (nr)	Domicile (nr) Maternal education (nr)	

Wall-Wieler et al. (2018), Sweden	Age (nr)	Education (nr) Residency (nr) Employment status (nr) Social welfare receipt (nr)	Alcohol misuse (nr) Drug misuse (nr) Psychiatric disorder (nr) Committed a violent crime (nr) Suicide attempt (nr)
Zlotnick et al. (2012), USA	<i>Total sample</i> Gender (- female) Ethnicity (<i>ns</i>)	<i>Total sample</i> < federal poverty level (-) < high school education (<i>ns</i>) Married (+) Has health insurance (+)	

Notes: nr=not reported; *ns*=not significant; (-) worse mental health outcome; (+) improved mental health outcome