

**Attachment E**  
**TLP Crosswalk of Survey Measures by Instrument**

Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
<b>Stable Housing</b>								
	Homelessness	Homeless for one or more nights ever or since baseline	X	X	X	New item	n/a	baseline: A1 6 month: A1 12 month: A1
	Extent of Homelessness	Percent of nights ever/since baseline spent homeless	X	X	X	New item	n/a	baseline: A2 6 month: A2 12 month: A2
	Continuous housing	Uninterrupted residence since baseline in a residential room, apartment or house; foster care or group home; or school/ college dormitory	X	X	X	New item	n/a	baseline: B1a-B13 6 month: B1a-B13 12 month: B1a-B13
	Residential mobility	Average number of living arrangements per year since 12 months before baseline/baseline	X	X	X	New item	n/a	baseline: B1a-B13 6 month: B1a-B13 12 month: B1a-B13
	Independent living	Percent of nights since baseline engaged in self-supported living (e.g., paying one's own rent, as age appropriate) <sup>b</sup>	X	X	X	New item	n/a	baseline: B1a-B13 6 month: B1a-B13 12 month: B1a-B13
<b>Positive Social Connections</b>								
	Supportive relationships with adults	Perceived social support from responsible adults/mentors, measured using an adapted version of the Adult Connectedness Scale (Bernstein et al., 2009)	X	X	X	Adapted form of the Adult Connectedness Scale	Bernstein, L., Dun Rappaport, C., Olsho, L., Hunt, D., & Levin, M. (2009). Impact evaluation of the U.S. Department of Education's Student Mentoring Program: Final report. Cambridge, Massachusetts: Abt Associates.	baseline: D4 6 month: D4 12 month: D4
	Supportive relationships with peers	Perceived social support from peers, measured using an adapted form of the Adult Connectedness Scale (Bernstein et al., 2009)		X	X	Adapted form of the Adult Connectedness Scale	Bernstein, L., Dun Rappaport, C., Olsho, L., Hunt, D., & Levin, M. (2009). Impact evaluation of the U.S. Department of Education's Student Mentoring Program: Final report. Cambridge, Massachusetts: Abt Associates.	baseline: n/a 6 month: D5, D6 12 month: D5, D6
	Delinquent peers	Extent to which close friends engage in delinquent activities, measured using the Peer Deviancy Scale (Multisite Violence Prevention Project, 2004)		X	X	Adapted from Peer Deviancy Scale; Multisite Violence Prevention Project	Multisite Violence Prevention Project. Description of measures: cohort-wide student survey, 2004. Available from the Centers for Disease Control and Prevention, National Center for Injury Prevention and Control, Atlanta, GA.	baseline: n/a 6 month: D6, D7 12 month: D6, D7

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	Civic engagement	Participation in community institutions and groups (e.g., volunteering)	X	X	X	New item	n/a	baseline: G1-G3 6 month: G1-G3 12 month: G1-G3
<b>Social and Emotional Well-Being</b>								
	Self-efficacy	Belief in one's own effectiveness in meeting challenges and goals, measured using the Generalized Self-Efficacy Scale (Schwarzer & Jerusalem, 1995)		X	X	Generalized Self-Efficacy Scale (Schwarzer & Jerusalem, 1995)	Schwarzer, R. & Jerusalem, M. (1995). Generalized self-efficacy scale. In J. Weinman, S. Wright, & M. Johnston (Eds.), Measures in health psychology: A user's portfolio. Causal and control beliefs. Windsor, UK: NFER-NELSON.	baseline: n/a 6 month: D1 12 month: D1
	Depressive symptoms	Sadness, hopelessness, loss of interest, and other moods, thoughts, and physical symptoms indicative of depression, measured using an abbreviated form of the Center for Epidemiologic Studies Depression Scale (CES-D 11) (Kohout et al., 1993)	X	X	X	Center for Epidemiologic Studies Short Depression Scale (CES-D 11) (Kohout et al., 1993)	Kohout, F.J, L.F. Berkman, D.A. Evans, & J. Cornoni-Huntley. (1993). "Two Shorter Forms of the CES-D Depression Symptoms Index." Journal of Aging and Health, 5(2): 179-193.	baseline: D2 6 month: D2 12 month: D2
	Traumatic stress	Negative behaviors, emotions, or thoughts in reaction to trauma, measured using the Abbreviated PTSD Checklist - Civilian version (Lang & Stein, 2005)	X	X	X	Abbreviated PTSD Checklist (PCL-C)	Lang, A.J., Stein, M.B. (2005). "An Abbreviated PTSD Checklist for Use as a Screening Instrument in Primary Care." Behaviour Research and Therapy, 43: 585-594	baseline: D3 6 month: D3 12 month: D3
	Delinquency	Participation in misdemeanors, deviant acts, or antisocial behaviors, measured using the Youth Delinquency scale from the National Longitudinal Survey of Adolescent Health (Harris et al., 2009)	X	X	X	Adapted from National Longitudinal Study of Adolescent Health (Add Health)	Harris, K.M., C.T. Halpern, E. Whitsel, J. Hussey, J. Tabor, P. Entzel, & J.R. Udry. (2009). The National Longitudinal Study of Adolescent Health: Code book. [WWW document]. URL: <a href="http://www.cpc.unc.edu/projects/addhealth/codebooks/wave1">http://www.cpc.unc.edu/projects/addhealth/codebooks/wave1</a>	baseline: H2 6 month: H2 12 month: H2

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Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
	Substance use	Severity of alcohol and drug use, measured using items from the National Substance Abuse, HIV, and Hepatitis Prevention Initiative, Cohort 6 Youth Baseline Questionnaire (CSAP, HHS, SAMHSA, 2006)	X	X	X	Adapted from the National Substance Abuse, HIV, and Hepatitis Prevention Initiative, Cohort 6 Youth Baseline Questionnaire	CSAP, HHS, & SAMHSA. (2006). National Substance Abuse, HIV, and Hepatitis Prevention Initiative Cohort 6 Youth Baseline Questionnaire. [WWW document] URL: <a href="https://www.samhsa.gov/sites/default/files/cohort6_youthbaseline.doc">https://www.samhsa.gov/sites/default/files/cohort6_youthbaseline.doc</a>	baseline: H3-H5 6 month: H3-H5 12 month: H3-H5
	Criminality	Involvement with the criminal justice system since baseline		X	X	Adapted from Youth Corps Baseline Survey; Abt Associates for the Corporation for National and Community Service	Price, C., Williams, J., Simpson, L., Jastrzab, J., and Markovitz, C. (2011). National Evaluation of Youth Corps: Findings at Follow-up. Prepared for the Corporation for National and Community Service. Cambridge, MA: Abt Associates Inc.	baseline: n/a 6 month: H11-13 12 month: H11-H13
	Risky sexual behavior	(1) Engaged in unprotected sex since baseline (adapted from the Personal Responsibility Education Program (PREP) Youth Entry and Exit Surveys; OMB Control Number 0970-0497)  (2) Engaged in sex work since baseline (adapted from the Chafee Independent Living Project Survey; Courtney et al., 2013)	X	X	X	(1) Adapted from Personal Responsibility Education Program (PREP) Performance Measures (OMB Control Number 0970-0497)  (2) Adapted from Chafee Independent Living Project Survey; Urban Institute for U.S. Department of Health and Human Services	(1) OMB Control Number 0970-0497 Collection of Performance Measures – Personal Responsibility Education Program (PREP)  (2) Courtney, M.E, Stagner, M.W., & Pergamit, M. (2013) Multi-site evaluation of foster youth programs (Chafee independent living evaluation project), 2001-2010.	baseline: H6-H10 6 month: H6-H10 12 month: H6-H10

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Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
	Exposure to violence	Witnessing or experiencing violent acts, measured using the Fighting and Violence scale from the National Longitudinal Survey of Adolescent Health (Harris et al., 2009)	X	X	X	Adapted from National Longitudinal Study of Adolescent Health (Add Health)	Harris, K.M., C.T. Halpern, E. Whitsel, J. Hussey, J. Tabor, P. Entzel, & J.R. Udry. (2009). The National Longitudinal Study of Adolescent Health: Code book [WWW document]. URL: <a href="http://www.cpc.unc.edu/projects/addhealth/codebooks/wave1">http://www.cpc.unc.edu/projects/addhealth/codebooks/wave1</a>	baseline: H1 6 month: H1 12 month: H1
	Abuse/Neglect	Physical abuse, sexual abuse, emotional abuse, and /or physical or medical neglect by a caregiver (items adapted from the Chafee Independent Living Project Survey; Courtney et al., 2013)	X	X	X	Adapted from Chafee Independent Living Project Survey; Urban Institute for U.S. Department of Health and Human Services	Courtney, M.E, Stagner, M.W., & Pergamit, M. (2013) Multi-site evaluation of foster youth programs (Chafee independent living evaluation project), 2001-2010.	baseline: H15-H22 6 month: H15-H22 12 month: H15-H22
<b>Education or Employment</b>								
	Ever employed or in school	Participation in employment or educational activities since baseline, measured dichotomously	X	X	X	See below for ever in school and ever employed	See below for ever in school and ever employed	See below for ever in school and ever employed
	Currently employed or in school	Participation in employment or educational activities at the time of survey, measure dichotomously	X	X	X	See below for currently employed and currently in school	See below for currently employed and currently in school	See below for ever in school and ever employed
	Ever employed	Employed at any time since baseline	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: F1, F3-F9 6 month: F1, F3-F9 12 month: F1, F3-F9
	Currently employed	Employment at the time of survey	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: F1, F3-F9 6 month: F1, F3-F9 12 month: F1, F3-F9

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Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
	Current employment effort	Participant level of work effort at the time of survey	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: F1, F3-F9 6 month: F1, F3-F9 12 month: F1, F3-F9
	Duration of employment	Number of months employed since baseline	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: F1, F3-F9 6 month: F1, F3-F9 12 month: F1, F3-F9
	Employment type		X	X	X	New item	n/a	baseline: F4 6 month: F4 12 month: F4
	Barriers to Employment		X	X	X	New item	n/a	baseline: F2 6 month: F2 12 month: F2
	Ever in school	In school or training activities at any time since baseline	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: E6 6 month: E6 12 month: E6
	Currently in school	In school or training activities at the time of survey	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: E9 6 month: E9 12 month: E9

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Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
	Current educational effort	Level of educational effort at the time of survey, measured as number of hours of effort per week	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: E7 6 month: E7 12 month: E7
	Duration of education	Number of months in school or training activities since baseline	X	X	X	Adapted from the New Hope Project 24 month Core Survey; MDRC for U.S. Department of Health and Human Services	Huston, A., Miller, C., Richburg-Hayes, L., Duncan, G., Eldred, C., Weisner, T., Lowe, E., McLoyd, V., Crosby, D., Ripke, & M., Redcross, C. (2001). New Hope for Families and Children. New York, New York: MDRC.	baseline: E8 6 month: E8 12 month: E8
	Educational progress	Change in education level since baseline	X	X	X	New item	n/a	baseline: E1, E6-E9 6 month: E1, E6-E9 12 month: E1, E6-E9
	Grade repetition, suspension, expulsion, drop out		X	X	X	New item	n/a	baseline: E2-E5 6 month: E2-E5 12 month: E2-E5
<b>Other Measures</b>								
	Money management	Managing income and expenses to make ends meet or save	X	X	X	Adapted from Youth Corps Baseline Survey; Abt Associates for Corporation for National and Community Service	Price, C., Williams, J., Simpson, L., Jastrzab, J., and Markovitz, C. (2011). National Evaluation of Youth Corps: Findings at Follow-up. Prepared for the Corporation for National and Community Service. Cambridge, MA: Abt Associates Inc.	baseline: F10 6 month: F10 12 month: F10
	Banked/unbanked	Having a checking or savings account	X	X	X	New item	n/a	baseline: F11-F12 6 month: F11-F12 12 month: F11-F12
	Health care needs	Need for medical attention due to illness, injury, mental health condition, pregnancy, or prescription medication since baseline		X	X	New item	n/a	baseline: n/a 6 month: D8 12 month: D8

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Domain	Outcome measure	Operationalization	Baseline Survey	6-month Survey	12-month Survey	Source	Reference Citation	Survey item numbers
	Health care use	Receipt of health care services related to participant-identified health care needs since baseline		X	X	New item	n/a	baseline: n/a 6 month: D9 12 month: D9
	Child Bearing		X	X	X	Adapted from Youth Corps Baseline Survey; Abt Associates for Corporation for National and Community Service	Price, C., Williams, J., Simpson, L., Jastrzab, J., and Markovitz, C. (2011). National Evaluation of Youth Corps: Findings at Follow-up. Prepared for the Corporation for National and Community Service. Cambridge, MA: Abt Associates Inc.	baseline: I6-I7 6 month: I2-I3 12 month: I2-I3
<b>Service Receipt</b>								
	Participation in a TLP		X	X	X	New item	n/a	baseline: C1, C2, B1-B13 6 month: B1-B13 12 month: B1-B13
	Participation in a TLP-like program		X	X	X	New item	n/a	baseline: C3,B1-B13 6 month: B1-B13 12 month: B1-B13
	Employment services		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7
	Education or training services		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7
	Mental healthcare services		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7
	Addiction/substance use treatment services		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7
	Life skills		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7
	Other services, e.g. legal, family reunification, mentoring		X	X	X	New item	n/a	baseline: C5 6 month: C4-C7 12 month: C4-C7

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	Perceived importance of service		X	X	X	New item	n/a	baseline: C8 6 month: C6-C9 12 month: C6-C9
<b>Personal/Background Characteristics</b>								
	Gender, gender identity, sexual orientation		X			Adapted from 2013 National Health Interview Survey; U.S. Department of Health and Human Services.	Draft 2013 National Health Interview Survey - Adult Questionnaire, U.S. Department of Health and Human Services ( <a href="http://www.cdc.gov/nchs/nhis/quest_data_related_1997_forward.htm">http://www.cdc.gov/nchs/nhis/quest_data_related_1997_forward.htm</a> )	baseline: H11 6 month: n/a 12 month: n/a
	Race and ethnicity		X			Adapted from American Community Survey (ACS); response categories from Supporting Healthy Marriages (SHM) for Department of Health and Human Services	2013 American Community Survey Questionnaire, U.S. Census Bureau; Hsueh, J, Alderson, D., et al. (2012). The Supporting Healthy Marriage Evaluation: Early Impacts on Low-Income Families, Technical Supplement. OPRE Report 2012-27. Washington, DC: Office of Planning, Research and Evaluation, Administration for Children and Families, U.S. Department of Health and Human Services.	baseline: I1, I2 6 month: n/a 12 month: n/a
	Age	Calculated using birthdate from baseline contact form and survey date from survey meta data	X	X	X	calculated	n/a	baseline: birthdate, survey date 6 month: survey date 12 month: survey date
	Nativity	Place of birth	X			New item	n/a	baseline: I3 6 month: n/a 12 month: n/a
	Language	Native language	X			New item	n/a	baseline: I4 6 month: n/a 12 month: n/a
	Marital Status	Current marital status	X	X	X	Adapted from American Community Survey (ACS)	2013 American Community Survey Questionnaire, U.S. Census Bureau	baseline: I5a 6 month: I1a 12 month: I1a
	Cohabitation		X	X	X	New item	n/a	baseline: I5b 6 month: I1b 12 month: I1b



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	Change in marital/cohabitation status			X	X	New item	n/a	baseline: n/a 6 month: l1c 12 month: l1c