# **Table D1. R3-Impact Impact Study Crosswalk: Research Questions and Data Source**

| Research Question | Data Source | | |
| --- | --- | --- | --- |
| Parent Survey | Administrative Data | Cost Data |
| Primary Research Question (Confirmatory) | | | |
| 1. What is the effect of PMP on parent mental and emotional health? | X |  |  |
| 1. What is the effect of PMP on substance use? | X |  |  |
| 1. What is the effect of PMP on parent engagement with the child welfare case? | X |  |  |
| Secondary Research Questions (Exploratory) | | | |
| 1. What is the effect of PMP on family functioning? | X |  |  |
| 1. What is the effect of PMP on economic and housing stability? | X |  |  |
| 1. What is the effect of PMP on substance use treatment engagement? On recovery engagement? | X |  |  |
| 1. What is the effect of PMP on experiencing a foster care placement? |  | X |  |
| 1. What is the effect of PMP on any child permanency? On the average time to permanency? |  | X |  |
| 1. What is the effect of PMP on experiencing a reunification with a child who has been removed from the home? On the average time to reunification? |  | X |  |
| 1. What is the effect of PMP on other permanency (e.g., adoption, guardianship)? On the average time to other permanency? |  | X |  |
| 1. What is the effect of PMP on subsequent substantiated allegations of maltreatment? |  | X |  |
| 1. What is the effect of PMP on parent mental and emotional health, substance use, parent engagement with the child welfare case, family functioning, economic and housing stability, substance use treatment engagement, recovery engagement, foster care placement, any child permanency, reunification, and subsequent maltreatment outcomes for subgroups defined by race and ethnicity? Do these effects differ according to race/ethnicity? Are there any baseline factors, including those related to issues of inequities and marginalization, associated with differential outcomes? | X | X |  |
| 1. Do the effects of PMP differ according to other baseline characteristics (such as level of previous child welfare involvement and level of risk for foster care placement)? | X | X |  |
| 1. Does engagement in substance use treatment and recovery services lead to (i.e., mediate) favorable effects of PMP on parent well-being or child welfare outcomes? | X | X |  |
| 1. Do short-term improvements in parent well-being lead to (i.e., mediate) favorable effects of PMP on child welfare outcomes? | X | X |  |
| 1. Does the use of PMP result in any net savings for states, accounting for costs borne by states and the federal government? | X | X | X |

# **Table D2. R3-Impact Study Crosswalk: Survey Items to Outcome Domain, Study Purpose, and Research Questions**

| Scale | Survey Number | Outcome Domain | Purpose | Relevant Research Question | Relevant Research Question if Same Baseline Item Asked at Follow-up |
| --- | --- | --- | --- | --- | --- |
| Housing / Household | | | | | | |
| Current Housing Situation | HOUS-1 | Adult well-being (Economic and housing stability) | Pretest measure of outcome | N/A for baseline survey | RQ5, RQ12-16 |
| Stability, Mobility | HOUS-2 |
| Stability, Eviction | HOUS - 3 |
| Household Composition | HOUS-4 – HOUS-5b | Demographics, background characteristics, baseline covariate, or subgrouping variable | Sample description, baseline covariate, and/or subgroup analysis | N/A | N/A |
| Marital and cohabitation status | HOUS-6 –HOUS-7b |
| Case Engagement | | | | | | |
| Engagement subscale | CEE-1 – CEE-4 | Child welfare case engagement (Engagement) | Pretest measure of outcome | N/A for baseline survey | RQ3, RQ12-16 |
| Disaffection subscale | CED-5 – CED-9 | Child welfare case engagement (Disaffection) |
| Motivation subscale | CEM-10 – CEM-13 | Child welfare case engagement (Motivation) |
| Adult well-being: Mental/emotional health | | | | | | |
| Depressive symptoms | DEP-1 – DEP-10 | Adult well-being (Mental and emotional health) | Pretest measure of outcome | N/A for baseline survey | RQ1, RQ12-16 |
| Social support (PAPF - Social Connections subscale) | SS-1 – SS-9 |
| Parenting stress | PS-1 – PS-18 | Adult well-being (Family functioning) | Pretest measure of outcome | N/A for baseline survey | RQ4, RQ12-16 |
| Overall quality of life (QoL) and general health | QoL-1 – QoL-2 | Adult well-being (Mental and emotional health) | Pretest measure of outcome | N/A for baseline survey | RQ1, RQ12-16 |
| Resilience | Resil-1 – Resil-6 |
| Protective factors - family functioning, concrete support | PF-1 – PF-9 | Adult well-being (Family functioning) | Pretest measure of outcome | N/A for baseline survey | RQ4, RQ12-16 |
| Agency / goals (“Hope”) | HOPE-1 – HOPE-6 | Adult well-being (Mental and emotional health) | Pretest measure of outcome | N/A for baseline survey | RQ1, RQ12-16 |
| Adult Well-being: Substance | | | | | | |
| Substance Use – Any Use | SUDAL-1, SUDDOTDA-A1 | Adult well-being (Substance Use or Misuse) | Pretest measure of outcome | N/A for baseline survey | RQ2, RQ12-16 |
| Readiness for recovery | SUDRR-1 – ALC  SUDRR-2 DRU | Substance use treatment and recovery engagement (Recovery) | Pretest measure of outcome | N/A for baseline survey | RQ6, RQ12-16 |
| Substance Use - Type/frequency, alcohol | SUDAL-1b – SUDAL-2.c | Adult well-being (Substance Use or Misuse) | Pretest measure of outcome | N/A for baseline survey | RQ2, RQ12-16 |
| Substance Use -Alcohol | SUDALRA-1 – SUDALRA-4 |
| Substance use - Other drugs | SUDOTDA-1 – SUDOTDA-10 |
| Substance Use - Type/frequency, other drugs | SUDOT-1 – 4, SUDOT-6 |
| Substance Use - Type/frequency, other drugs | SUDOT-5 | Substance use treatment and recovery engagement (Recovery) | Pretest measure of outcome | N/A for baseline survey | RQ6, RQ12-16 |
| Substance use - Treatment Engagement | SUDTR-1 – SUDTR-2, SUDTR-6 | Substance use treatment and recovery engagement (Treatment) |
| Substance use - Treatment Engagement | SUDTR-3 – SUDTR-5 | Substance use treatment and recovery engagement (Recovery) |
| Economic Circumstances | | | | | | |
| Financial strain | ECFS-1 | Adult well-being (Economic and housing stability) | Pretest measure of outcome | N/A for baseline survey | RQ5, RQ12-16 |
| Material hardship, food hardship | ECMH-1 |
| Material hardship, medical hardship | ECMH-2 |
| Material hardship, utility hardship | ECMH-3 – ECMH-4 |
| Material hardship, bill-paying hardship | ECMH-5 – ECMH-6 |
| Public assistance | ECPA-1 | Demographics, background characteristics, baseline covariate, or subgrouping variable | Sample description, baseline covariate, and/or subgroup analysis | N/A | N/A |
| Health insurance | ECHI-1 |
| Usual health care provider | ECHCP-1 – ECHCP-2 |
| Personal History / Circumstances | | | | | | |
| Domestic violence | PHDV-1 – PHDV-2 | Demographics, background characteristics, baseline covariate, or subgrouping variable | Sample description, baseline covariate, and/or subgroup analysis | N/A | Potentially RQ12, RQ13 |
| Experience as a child in the child welfare system | PHCW-1 |
| Experience as a child with substance use in the home | PHSU-1 – PHSU-2 |
| Experience as a child with parental justice system involvement | PHJS-1 |
| Justice system involvement | PHJS-2 |
| Discrimination | PHDS-1 – PHDS-6, PHDS-FU-1 – PHDS-FU-3 |
| Demographic and Background Information | | | | | |
| Sex and gender | BKSG-1 – BKSG-3 | Demographics, background characteristics, baseline covariate, or subgrouping variable | Sample description, baseline covariate, and/or subgroup analysis | N/A | N/A |
| Race and ethnicity | BKRE-1 – BKRE-2 | RQ12 |
| Place of birth and language | BKL-1 – BKL-3 | Potentially RQ12, RQ13 |
| Education level | BKED-B.1 | Potentially RQ12, RQ13 |
| Employment status | BKEM-C.1 – BKEM – C.5 | Adult well-being (Economic and housing stability) | Pretest measure of outcome | N/A for baseline survey | RQ5, RQ12-16 |
| Contact Information | | | | | |
| Main [cell] phone number; Permission to Text;  Home phone number; Work phone number; Email address; Address;  Alternative address (e.g., PO Box, or for sending incentive); Preferred contact method;  Last 4 digits of SSN [or other government identifier]; Friend or Family Contact #1; Friend or Family Contact #2;  Friend or Family Contact #3 | N/A | Participant tracking for incentive fulfillment and follow-up survey | N/A | N/A | Participant tracking for incentive fulfillment and follow-up survey |