Table III.1. Behavioral outcomes used for primary impact analyses research questions *(example data included in italics in the table cells for expository purposes)*

|  |  |  |
| --- | --- | --- |
| **Outcome name** | **Description of outcome** | **Timing of measure  relative to program** |
| *Ever had sexual intercourse* | *The variable is a yes/no measure of whether a person has ever had sexual intercourse. The measure is taken directly from the following item on the survey:*   * *“Have you ever had sexual intercourse?”*   *The variable is constructed as a dummy variable where respondents who respond yes they have had sex are coded as 1 and all others are coded as 0.* | *6 months after program ends* |
| *Lifetime number of pregnancies* | *The variable is a measure of the number of times a person has ever been pregnant or gotten someone pregnant. The measure is constructed from the following three items on the survey:*   * *“Have you ever had sexual intercourse?”* * *“To the best of your knowledge, have you ever been pregnant or gotten someone pregnant, even if no child was born?”* * *“To the best of your knowledge, how many times have you been pregnant or gotten somebody pregnant?”*   *The variable is constructed as a continuous variable with values ranging from 0 (never had sex or never been or gotten someone pregnant) to k (number of lifetime pregnancies reported).* | *6 months after program ends* |

Table III.2. Behavioral outcomes used for secondary impact analyses research questions

|  |  |  |
| --- | --- | --- |
| **Outcome name** | **Description of outcome** | **Timing of measure  relative to program** |
|  |  |  |
|  |  |  |

Table III.3. Summary statistics of key baseline measures for youth completing [Survey Name]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Baseline measure** | **Intervention mean or % (standard deviation)** | **Comparison mean or % (standard deviation)** | **Intervention versus comparison mean difference** | **Intervention versus comparison *p*-value of difference** |
| Age or grade level |  |  |  |  |
| Gender (female) |  |  |  |  |
| Race/ethnicity |  |  |  |  |
| White |  |  |  |  |
| Black |  |  |  |  |
| Hispanic |  |  |  |  |
| Asian |  |  |  |  |
| Behavioral measure 1 |  |  |  |  |
| Behavioral measure 2 |  |  |  |  |
| Sample size |  |  |  |  |

Table IV.1. Post-intervention estimated effects using data from [Survey Name] to address the primary research questions *(example data included in italics in the table notes for expository purposes)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Outcome measure** | **Intervention mean or % (standard deviation)** | **Comparison mean or % (standard deviation)** | **Intervention compared to comparison mean difference (*p*-value of difference)** |
| Behavioral Outcome 1 |  |  |  |
| Behavioral Outcome 2 |  |  |  |
| Behavioral Outcome 3 |  |  |  |
| Behavioral Outcome 4 |  |  |  |
| Sample Size |  |  |  |

Source: [Name for the Data Collection, Date. *Follow-up surveys administered 12 to 14 months after the program.*]

Notes: [Anything to note about the analysis. *See Table III.3 for a more detailed description of each measure and Chapter III for a description of the impact estimation methods*.]

Table IV.2. Post-intervention estimated effects using data from [Survey Name] to address the secondary research questions *(example data included in italics in the table notes for expository purposes)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Outcome measure** | **Intervention mean or % (standard deviation)** | **Comparison mean or % (standard deviation)** | **Intervention compared with comparison Mean difference (*p*-value of difference)** |
| Behavioral Outcome 1 |  |  |  |
| Behavioral Outcome 2 |  |  |  |
| Behavioral Outcome 3 |  |  |  |
| Behavioral Outcome 4 |  |  |  |
| Sample Size |  |  |  |

Source: [Name for the Data Collection, Date. *Follow-up surveys administered 6 to 8 months after the program.*]

Notes: [Anything to note about the analysis. *See Table III.3 for a more detailed description of each measure and Chapter III for a description of the impact estimation methods.*]

Table A.1. Data collection efforts used in the impact analysis of [PROGRAM NAME] and timing *(example data included in italics for expository purposes)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Data collection effort** | **Cohort 1** | **Cohort 2** | **Cohort 3** | **Cohort 4** | **Cohort 5** | **Cohort 6** | **Cohort 7** |
| Start date of programming | *10/01/12* | *12/01/12* | *02/01/13* | *03/02/13* | *04/10/13* | *09/01/14* | *02/01/14* |
| Baseline survey | *09/01–09/30/12* | *11/01–11/30/12* | *01/01–01/31/13* | *02/01–02/28/13* | *03/01–03/31/13* | *08/01–08/31/14* | *01/01–01/31/14* |
| Immediate post-Test | *06/01–06/30/12* | *08/01–08/31/12* | *10/01–10/31/13* | *11/01–11/30/13* | *12/01–12/31/13* | *05/01–05/31/14* | *10/01–10/31/14* |
| Short-term follow-up (etc.) |  |  |  |  |  |  |  |

Please define any abbreviations used here.

Table B.1. Data used to address implementation research questions *(example data included in italics for expository purposes)*

|  |  |  |  |
| --- | --- | --- | --- |
| **Implementation element** | **Types of data used to assess whether the element of the intervention was implemented as intended** | **Frequency/sampling of data collection** | **Party responsible for data collection** |
| Adherence: How often were sessions offered? How many were offered? | *e.g., All sessions offered are captured in MIS*  *Length (number of minutes) of program sessions captured in MIS* | *e.g., All sessions delivered are captured in MIS*  *Session length sampled once a week* | *e.g., Program staff*  *Program staff* |
| Adherence: What and how much was received? | *e.g., Daily attendance records* | *e.g., Student attendance at all sessions is captured in MIS* | *e.g., Program staff* |
| Adherence: What content was delivered to youth? | *e.g., Number of topics covered captured on observation spreadsheet*a | *e.g., Classroom observations occurred twice a year* | *e.g., Evaluation staff* |
| Adherence: Who delivered material to youth? | *e.g., List of staff members hired and trained to implement program*  *Background qualifications of staff members from staff applications* | *e.g., Data on all staff members are available to program staff* | *e.g., Program staff* |
| Quality: Quality of staff-participant interactions | *e.g., Observations of interaction quality using protocol developed by evaluators* | *e.g., Convenience sample of 10% of classroom sessions were selected for observation* | *e.g., Evaluation staff* |
| Quality: Quality of youth engagement with program | *e.g., Observations of engagement using the YPQA* | *e.g., Random sample of 5% of all sessions were selected for observation* | *e.g., Evaluation staff.* |
| Counterfactual: Experiences of comparison condition | *e.g., Survey items on baseline and follow-up assessments*  *Focus groups of comparison group members* | *e.g., Pre- and post-intervention*  *Convenience sample of comparison group participants (once)* | *e.g., Evaluation staff* |
| Context: Other TPP programming available or offered to study participants (both intervention and comparison) | *e.g., District website listing all TPP programming*  *Interview with school district curriculum director* | *e.g., Ad hoc*  *Once per year* | *e.g., Evaluation staff*  *Evaluation staff* |
| Context: External events affecting implementation | *e.g., News sources indicated school closure list* | *e.g., Ad hoc* | *e.g., Program staff* |
| Context: Substantial unplanned adaptation(s) | *e.g., adaptation request, work plan, 6-month progress report, annual progress report* | *e.g., Annually, ad hoc* | *e.g., Program staff, project director, evaluation staff* |

a It is expected that OAH-approved facilitator logs will be used for this data collection.

TPP = Teen Pregnancy Prevention.

Table C.1a. Cluster and youth sample sizes by intervention status – cluster designs

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of:** | **Time period** | **Total  sample size** | **Intervention sample size** | **Comparison sample size** | **Total response rate** | **Intervention response rate** | **Comparison response rate** |
| Clusters: At beginning of study |  | *1 (=1a + 1b)* | *1a* | *1b* | *N/A* | *NA* | *N/A* |
| Clusters: Contributed at least one youth at baseline | *Baseline* | *2 (=2a + 2b)* | *2a* | *2b* | *=2/1* | *=2a/1a* | *=2b/1b* |
| Clusters: Contributed at least one youth at follow-up | *Immediately post-programming* | *3 (=3a + 3b)* | *3a* | *3b* | *=3/1* | *=3a/1a* | *=3b/1b* |
| Clusters: Contributed at least one youth at follow-up | *6-months post-programming* | *4 (=4a + 4b)* | *4a* | *4b* | *=4/1* | *=4a/1a* | *=4b/1b* |
| Clusters: Contributed at least one youth at follow-up | *12-months post-programming* | *5 (=5a + 5b)* | *5a* | *5b* | *=5/1* | *=5a/1a* | *=5b/1b* |
| Youth: In non-attriting clusters/sites at time of assignment |  | *6 (=6a + 6b)* | *6a* | *6b* | *N/A* | *NA* | *N/A* |
| Youth: Who consented |  | *7 (=7a + 7b)* | *7a* | *7b* | *=7/6* | *=7a/6a* | *=7b/6b* |
| Youth: Contributed a baseline survey |  | *8 (=8a + 8b)* | *8a* | *8b* | *=8/6* | *=8a/6a* | *=8b/6b* |
| Youth: Contributed a follow-up survey | *Immediately post-programming* | *9 (=9a + 9b)* | *9a* | *9b* | *=9/6* | *=9a/6a* | *=9b/6b* |
| Youth: Contributed a follow-up survey | *6-months post-programming* | *10 (=10a + 10b)* | *10a* | *10b* | *=10/6* | *=10a/6a* | *=10b/6b* |
| Youth: Contributed a follow-up survey | *12-months post-programming* | *11 (=11a + 11b)* | *11a* | *11b* | *=11/6* | *=11a/6a* | *=11b/6b* |

Table C.1b. Youth sample sizes by intervention status – individual-level assignment designs

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number of youth** | **Time Period** | **Total sample size** | **Intervention sample size** | **Comparison sample size** | **Total response rate** | **Intervention response rate** | **Comparison response rate** |
| Assigned to condition |  | *1 (=1a + 1b)* | *1a* | *1b* | *N/A* | *NA* | *N/A* |
| Contributed a baseline survey |  | *2 (=2a + 2b)* | *2a* | *2b* | *=2/1* | *=2a/1a* | *=2b/1b* |
| Contributed a follow-up survey | *Immediately post-programming* | *3 (=3a + 3b)* | *3a* | *3b* | *=3/1* | *=3a/1a* | *=3b/1b* |
| Contributed a follow-up survey | *6-months post-programming* | *4 (=4a + 4b)* | *4a* | *4b* | *=4/1* | *=4a/1a* | *=4b/1b* |
| Contributed a follow-up survey | *12-months post-programming* | *5 (=5a + 5b)* | *5a* | *5b* | *=5/1* | *=5a/1a* | *=5b/1b* |

Table D.1. Methods used to address implementation research questions *(example data included in italics for expository purposes)*

|  |  |
| --- | --- |
| **Implementation element** | **Methods used to address each implementation element** |
| Adherence: How often were sessions offered? How many were offered? | *The total number of sessions is the sum of the sessions captured in the program MIS. Average session duration is calculated as the average of the observed session lengths, measured in minutes. Average weekly frequency is calculated as the total number of sessions divided by the total number of weeks when programming was offered.* |
| Adherence: What and how much was received? | *Average number of sessions attended is calculated as the average of the number of sessions that each student attended. Percentage of sessions attended is calculated as the total number of sessions attended divided by the total number of sessions offered.(Note: A limitation of these data is that attendance was not reliably entered for cohorts 1 and 2 of this six-cohort evaluation)* |
| Adherence: What content was delivered to youth? | *Total number of topics covered is the combination of the topics checked during the twice yearly observation. (Note: a limitation to this measure is that the two observation points may not be a reliable way to see whether all of the content was covered.)* |
| Adherence: Who delivered material to youth? | *Total number of staff delivering the program is a simple count of staff members implementing the program. Percentage of staff trained is calculated as the number of staff members who were trained divided by the total number of staff who delivered the program. (Note: a limitation to the staff background information is that it is self-reported, and some staff may have indicated they had experiences that are not accurate.)* |
| Quality: Quality of staff-participant interactions | *An indicator of staff-participant interactions is calculated as the percentage of observed interactions in which the independent evaluator scored the interaction as “high quality.” (Note: because a convenience sample of observations was used to capture staff-participant interaction quality, this measure may not be representative of all possible interactions.)* |
| Quality: Quality of youth engagement with program | *A benchmark of the quality of youth engagement is calculated as the percentage of sessions in which the independent evaluator scored youth engagement as “moderately engaged” or higher.* |
| Counterfactual: Experiences of counterfactual condition | *The data on the survey question on experiences of the counterfactual at follow-up are presented as frequency counts and percentages.* |
| Context: Other TPP programming available or offered to study participants (both intervention and counterfactual) | *All of the TPP programming available to both intervention and comparison groups described on district websites is listed in the final report.* |
| Context: External events affecting implementation | *The number of schools that were closed as a result of district turnaround initiatives (unrelated to the TPP programming that occurred in this project) is reported.* |
| Context: Substantial unplanned adaptation(s) | *The number of staff members who delivered the program (instead of teachers, as originally intended) is provided. The unplanned change in program delivery setting is indicated. The resulting change in time allocated for facilitation of sessions is also described.* |

TPP = Teen Pregnancy Prevention.

Table E.1. Sensitivity of impact analyses using data from [Survey Name] to address the primary research questions *(example data included in italics in the table notes for expository purposes)*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Intervention compared with comparison** | **Benchmark approach difference** | **Benchmark approach *p-*value** | **Name of sensitivity approach 1 difference** | **Name of sensitivity approach 1 *p-*value** | **Name of sensitivity approach 2 difference** | **Name of sensitivity approach 2 *p-*value** | **Name of sensitivity approach 3 difference** | **Name of sensitivity approach 3 *p-*value** | **Name of sensitivity approach 4 difference** | **Name of sensitivity approach 4 *p-*value** |
| Behavioral Outcome 1 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 2 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 3 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 4 |  |  |  |  |  |  |  |  |  |  |

Source: [Name for the Data Collection, Date. *Follow-up surveys administered six to eight months after the program.*]

Notes: [Anything to note about the analysis. *See Table III.3 for a more detailed description of each measure and Chapter III for a description of the impact estimation methods.*]

Table E.2. Sensitivity of impact analyses using data from [Survey Name] to address the secondary research questions *(example data included in italics in the table for expository purposes)*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Condition 1 compared to Condition 2** | **Benchmark approach difference** | **Benchmark approach *p-*value** | **Name of sensitivity approach 1 difference** | **Name of sensitivity approach 1 *p-*value** | **Name of sensitivity approach 2 difference** | ***Name of sensitivity approach 2 p-*value** | **Name of sensitivity approach 3 difference** | **Name of sensitivity approach 3 *p-*value** | **Name of sensitivity approach 4 difference** | ***Name of sensitivity approach 4 p-*value** |
| Behavioral Outcome 1 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 2 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 3 |  |  |  |  |  |  |  |  |  |  |
| Behavioral Outcome 4 |  |  |  |  |  |  |  |  |  |  |

Source: [Name for the Data Collection, Date. *Follow-up surveys administered six to eight months after the program.* ]

Notes: [Anything to note about the analysis. *See Table III.3 for a more detailed description of each measure and Chapter III for a description of the impact estimation methods.*]