

**SUBSIDIZED AND TRANSITIONAL EMPLOYMENT DEMONSTRATION (STED)
AND ENHANCED TRANSITIONAL JOBS DEMONSTRATION (ETJD)**

OMB No.: 0970-0413

**SUPPORTING STATEMENT B
REQUEST FOR OMB CLEARANCE**

Submitted By:

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B. COLLECTION OF INFORMATION USING STATISTICAL METHODS

B1. Respondent Universe, Sampling Selection, and Expected Response Rates

This section focuses on our sampling plans for the follow-up surveys. Plans for interviews and questionnaires for the implementation analysis (which will not be analyzed for statistical differences) are discussed in Part A. As the new STED site does not include a follow-up survey, the information presented below refers to the survey data collection effort in the other STED and ETJD sites.

The STED project has a total of eight evaluation sites and the ETJD project has a total of seven evaluation sites. However, because two of the ETJD sites are being evaluated under STED, there is a total of 13 sites in the two projects combined. Because the follow-up surveys will not be administered in the new STED site, only 12 sites will participate in the follow-up surveys. ACF and ETA estimate a total of 14,800 participants in the study across the two projects. In most sites, half of these individuals are assigned to the treatment group and half are assigned to the control group.

As Exhibit 2.1 shows, the 12-month and 30-month surveys will be administered to all sample group members in the 12 STED and ETJD sites participating in the follow-up surveys. The 6-month survey is administered to sub-samples in sites with enrollments larger than 1,000, with a target total sample of 7,000. As discussed later, extensive efforts are being taken to contact all sample group members as the target response rate for both surveys is 80% of the research sample at each site. Thus, for the 6-month survey, the total sample size across seven STED sites (including the two ETJD sites that are also in the STED evaluation) is 7,000 with an expected number of respondents equal to 5,600. For both the 12-month and the 30-month surveys, the total sample size across the 12 sites for each of the surveys is 14,800, with 11,840 expected respondents.

Exhibit 2.1 Follow-up Survey Sample Sizes

Survey Efforts/Sites	Sites	Sample size		
		Research Sample	Survey Sample	Survey Respondents
6-Month Survey	STED sites (7)	9,800	7,000	5,600
12-Month Survey	12 sites	14,800	14,800	11,840
30-Month Survey	12 sites	14,800	14,800	11,840

A fuller accounting of sample sizes, along with a complete list of data collection instruments in this submission, is outlined in Exhibit 1.2, Annual Burden Estimates, in Part A of the Supporting Statement.

B2. Procedures for Data Collection and Statistical Analysis

Baseline data for the ETJD sites (including the two sites which are also part of STED) are collected via a Management Information System (MIS) developed and managed by ETA. (Collection of baseline data for the ETJD sites received OMB clearance on September 9, 2011 [OMB Control Number 1205-0485].) Baseline data is collected for the STED-only sites, including the new STED site, via a form which is administered to individual sample members by program staff members in one-on-one or group settings, with program staff members available in all cases to answer any questions. Baseline data are collected following determination of program eligibility, but prior to random assignment. These data will be used by the evaluation team to ensure the comparability of program and control groups, to facilitate contact for follow-up surveys for sites included in the survey data collection, and to inform subgroup analyses in the impact study.

The 6-, 12-, and 30-month follow-up survey data are being collected through a mixture of telephone and in-person outreach and interviewing strategies to maximize response rates. The timing of the data collection efforts was determined by the research questions motivating each survey effort. That is, the 6-month survey is focused on the immediate, non-financial benefits of employment and thus the timing of survey administration is designed to collect information while or shortly afterwards participation in the STED programs. Likewise, the 12-month survey is designed to measure post-program outcomes and, therefore, the timing of the survey administration is designed to collect information shortly after program participation has concluded. Finally, the 30-month survey is designed to measure longer term outcomes and so the timing of the survey is such that any persistent effects of the programs should be evident.

All of the survey data will be used to estimate program impacts. The basic procedure for estimation of program impacts is to compare the average outcomes of program and control group members. These estimates will be calculated using multivariate regression models that predict outcomes as a function of assignment to the program group and participant baseline characteristics. Controlling for baseline characteristics will increase the statistical precision of the impact estimates for a given sample size, neutralize chance differences in characteristics between the program and control groups, and reduce attrition bias from missing data.

A strength of random assignment is that it is easy for nontechnical audiences to understand. The evaluation team will therefore emphasize methods that are appropriate and straightforward. The primary analytical method will be comparisons of average outcomes for program group members (regardless of attrition from program participation) and control group members, and comparisons of distributions of outcomes for program and control group members.

The general form of the regression models which will be used to estimate program impacts is as follows:

$$Y_i = \alpha + \beta P_i + \delta X_i + \varepsilon_i$$

where

Y_i is the outcome measure for sample member i ;

P_i equals one for program group members and zero for control group members;

X_i is a set of background characteristics for sample member i ; and

ε_i is a random error term for sample member i .

The coefficient β is interpreted as the impact of the program on the outcome. The regression coefficients, δ , reflect the influence of background characteristics. The functional form and estimation method will depend on the scale of measurement of the outcome for which impacts are estimated; for example, continuous outcomes will be estimated using ordinary least squares (OLS) regression.

Standard statistical tests such as the two-group t-test (for continuous variables such as earnings) or chi-square tests (for categorical measures, such as educational attainment) will be used to determine whether estimated effects are statistically significant, after adjusting for differences in characteristics between the program and comparison groups at the 1%, 5%, or 10% level. We expect to use regression adjustment to increase the power of statistical tests that are performed, although we will perform checks to ensure that regression adjustment does not significantly change the estimated impacts of the interventions. In order to reduce multiple test bias, outcomes will be pre-specified as primary versus secondary and we will strive to keep the number of comparisons as small as possible.

Subgroup analysis. Impacts will be calculated for key subgroups to better understand what works best for whom. In MDRC studies, subgroup impacts have been estimated several different ways. In “split-sample” subgroup analyses, the full sample is divided into two or more mutually exclusive and exhaustive groups (for example, by gender or for those with more versus less work experience at the time of random assignment). In this approach, impacts are estimated for each group separately. In addition to determining whether the intervention had statistically significant effects for each subgroup, tests will be conducted to determine whether impacts differ significantly across subgroups. For STED and ETJD, we will be particularly interested in how results vary previous labor market experience and level of disadvantage.

We will strive to keep subgroup comparisons to a minimum number for which theory and prior studies provide good reasons for expecting subgroup differences on employment outcomes. This is to guard against the chance of a “false positive”, which stems from the fact that the more subgroups that are examined, the greater the chance of finding one with a large effect, even when there are no real differences in impacts across subgroups.

Exhibit 2.2 reports the estimated minimum detectable effects (MDEs) for the 6-, 12-, and 30-month survey given the planned sample sizes and response rate using the average site sample of 1,000; also included are MDE estimates for a survey data collection effort with a lower than planned response rate (60%). In this case, the MDE is the smallest true effect that would generate statistically significant impacts in 80 percent of evaluations with a given sample size. Because the ETJD and STED programs and populations might differ substantially from site to site, it is important that we have the capability to detect reasonably sized impacts in each of the sites. Also note that, as the sample size column indicates, the respondent sample for the survey will be 800 per site (based on assumption of an 80 percent response rate among a fielded sample of 1,000); for the lower response rate scenario, the respondent sample is 600 per site.

Exhibit 2.2 Minimum Detectable Effects, Per Site, Per Survey

	Respondent Sample		Fielded Sample (Administrative Records Sample)
	80% Response	60% Response	
Total sample size (2 group sites)	800	600	1,000
Sample size per research group	400	300	500
Minimum Detectable Effects			
Arrested, Year 1	8.1	9.6	7.3
Convicted, Year 1	6.1	7.2	5.4
Incarcerated, Year 1	7.4	8.8	6.6
Employed at interview	8.4	10.0	7.5
Total earnings, Year 1	961	1,015	859
Self-reported drug use or tested drug use	8.5	10.1	7.6
Average Welfare Receipt Payments, Six quarters	505	601	452
Ever Paid Child Support, end Year 1	7.5	8.9	6.7
<i>Maximum MDE with sample size (Std. Dev. = 0.5)</i>	8.5	10.1	7.6

NOTE: MDEs are for two-tailed tests at 0.1 significance with 80 percent power using fixed effects site estimates and no covariates. The following assumptions were made regarding control group proportions (based on related projects): Arrests: 35 percent; Convictions: 15 percent; Incarcerations: 25 percent; Employment: 59 percent; Drug use: 48 percent; Child Support Payments: 26 percent. For earnings, we assumed a standard deviation of \$5,000. For average welfare receipt payments, we assumed a standard deviation of \$2,962.

As the table shows, for the proposed site survey sample, MDEs for percentage outcomes measured with the survey with an 80% response rate range from about 6 to 8.5 percentage points, depending on the outcome. For the full administrative records samples, MDEs would range from approximately 5 to 7.5 percentage points. The table also shows impacts on earnings and welfare payments. For this example, we assumed a control group Year 1 earnings level of approximately \$5,000 (this was based on some of our recent ex-offenders studies). MDEs for earnings range from \$961 (in the survey sample) down to \$859 (in the full research sample). Thus, the planned sample size and anticipated response rate will allow us to detect policy-relevant impacts at the site level.¹ As shown, a lower response rate has a minor effect on the MDEs for the outcomes measured with survey data.

Several of the survey items were adopted from existing scales. Where scales are used, we will assess the reliability of the scale for the STED/ETJD samples. The source for the general self-efficacy scale, used in the six-month survey is Schwarzer & Jerusalem (1995).² This scale

¹ The evaluation will also include a cost-benefit analysis. To estimate the program costs, the evaluation team will collect financial reports from each site. They will select a period approximately one year after the program began operations. Additionally, a staff time study will be administered to all program staff and will be used to allocate program costs across key program components. The cost-benefit analysis draws on the cost analysis and the analysis of program impacts.

²“Generalized Self-Efficacy scale,” Schwarzer, R., & Jerusalem, M. (1995). In J. Weinman, S. Wright, & M. Johnston, *Measures in health psychology: A user’s portfolio. Causal and control beliefs* (pp. 35-37). For more information see: http://userpage.fu-berlin.de/~health/faq_gse.pdf.

has been used internationally for several years and a sampling across 23 nations found that Cronbach's alphas ranged from .76 to .90, with the majority in the high .8 range. Regarding validity, the authors report that "Criterion-related validity is documented in numerous correlation studies where positive coefficients were found with favorable emotions, dispositional optimism, and work satisfaction"^{3,4}.

Other scales used in the surveys:

- The emotional support scale from RAND.⁵ Quoting this source: "Multitrait scaling analyses supported the dimensionality of four functional support scales (emotional/informational, tangible, affectionate, and positive social interaction) and the construction of an overall functional social support index. These support measures are distinct from structural measures of social support and from related health measures. They are reliable (all Alphas >0.91), and are fairly stable over time. Selected construct validity hypotheses were supported."
- The RAND "36-Item Health Survey 1.0 Questionnaire."⁶ Reliability (measured via Cronbach's alpha) on the subscales ranges from .78 up to .93.
- Domain Specific control from the Health and Retirement survey from the University of Michigan.⁷
- Material support scales sourced from the "The Making Connections Cross-Site Survey," Annie E. Casey Foundation, and "The Wisconsin Longitudinal Survey," The Center for Demography of Health and Aging (CDHA) at the University of Wisconsin-Madison
- The Social Network Roster and Relationship Origin items are from "Personal Networks and. Community Survey," Princeton Survey Research Associates International.

³ <http://userpage.fu-berlin.de/health/engscal.htm>

⁴ Updated validity information is shown in: Updated psychometric findings have been published recently, for example, in: Scholz, U., Gutiérrez-Doña, B., Sud, S., & Schwarzer, R. (2002). Is general self-efficacy a universal construct? Psychometric findings from 25 countries. *European Journal of Psychological Assessment*, 18(3), 242-251.

⁵ <http://www.rand.org/pubs/reprints/RP218.html> and <http://cmcd.sph.umich.edu/assets/files/Repository/Women%20Take%20Pride/The%20MOS%20Social%20Support%20Survey.pdf>.

⁶ For more information, please see http://www.rand.org/content/dam/rand/www/external/health/surveys_tools/mos/mos_core_36item_scoring.pdf

⁷ Clarke, Philippa, Gwenith G. Fisher, Jim House, Jacqui Smith, and David R. Weir. Guide to Content of the HRS Psychosocial Leave-Behind Participant Lifestyle Questionnaires: 2004 & 2006 (2008).

- The K6 Depression scale (Kessler, et al., 2003), designed to discriminate case of serious mental illness from non-cases. It was developed for use in the U.S. National Health Interview Survey with support from the National Center for Health Statistics.
- The Rosenberg Self-Esteem scale, a widely used instrument developed by Morris Rosenberg⁸ in the mid-sixties and has been extensively tested and validated for reliability⁹.
- The Career Commitment Measure developed by Carson and Bedeian¹⁰. The scale has been assigned for reliabilities (alphas range from .79 to .85), discriminant validity, and construct validity.

B3. Maximizing Response Rates and Issues of Nonresponse

As the new STED site does not include a survey this section refers to the original STED and ETJD sites. The goal is to achieve an 80 percent response rate for both surveys at each site (STED and ETJD) included in the survey effort¹¹. Procedures for obtaining the maximum degree of cooperation and thus the response rate include:

- Maximize use of contact information collected by the program at the point of random assignment, including email addresses and alternate contact information for at least three other individuals whom the respondent identified as likely to know how to find him or her;
- Using advance letters, greeting cards, and email contacts (See Appendix E);
- Conveying the purposes of the survey to respondents so they will thoroughly understand the purposes of the survey and perceive that cooperating is worthwhile;
- Providing a toll-free number for respondents to use to update their contact information in anticipation of the survey;

⁸ Rosenberg, Morris. (1965) *Society and the Adolescent Self-Image*. Princeton, NY: Princeton University Press.

⁹ Blascovich, Jim and Tomaka, Joseph. 1993. "Measures of Self-Esteem." in Robinson, J.P., et al (editors), *Measures of Personality and Social Psychological Attitudes*, Third Edition. Ann Arbor: Institute for Social Research.

¹⁰ Carson, Kerry D. and Bedeian, Arthur G. 1994. "Career Commitment: Construction of a Measure and Examination of its Psychometric Properties." *Journal of Vocational Behavior*, 44, 237-262.

¹¹ For the surveys currently in the field, response rates for closed cohorts (sample members whose fielding period has passed) have generally achieved this goal (see further discussion below). In some site locations (e.g., San Francisco), survey response has lagged somewhat due to difficulties in locating respondents; fielding periods were extended in order to devote increased resources towards locating sample members. Fielding periods were also extended in sites with substantial numbers of sample members who experienced post-random assignment incarceration due to the additional time needed to contact and interview these respondents.

- Training site staff to be encouraging and supportive, and to provide assistance to participants as needed;
- Hiring interviewers who have necessary skills for encouraging cooperation;
- Implementing a tracking strategy that keeps in touch with the sample members and periodically requests updated contact information (see Appendix E).
- Training interviewers and field locators thoroughly in conversion and avoidance of refusals;
- Timing cases from the CATI center to tracking and the field so that each case will not remain in the CATI center for more than 30 days.
- Offering appropriate gifts of appreciation to participants for participating in the survey effort.

The follow-up surveys are designed to be administered in the home or by telephone. Once contacted, the interviewer will administer the survey over the telephone using the CATI questionnaire, or in-person using the CAPI questionnaire if attempts to reach the respondent via phone are not successful. This process is discussed more below.

Interviewers are also trained to distinguish "soft" refusals from "hard" ones. Soft refusals often occur when the sample member has been reached at an inopportune time. In these cases, it is important to back off gracefully and to establish a convenient time to call or come back rather than to persist at the moment. Hard refusals do occur and must also be accepted gracefully by the interviewer.

Procedures for contacting hard to reach respondents

The survey firms – DIR and Abt/SRBI – telephone interviewers will first try to reach the sample member and administer the first follow-up survey using CATI. The telephone interviewers will use the original contact information collected at baseline and provided to the survey firms by MDRC. An initial attempt will be made to reach the sample member, scheduling an appointment for completion through the CATI system if it is best for the respondent. If the number is no longer valid (out of service or reassigned to another person), then, the interviewer will attempt to locate a new telephone number by calling directory assistance. If no new telephone number can be located for the respondent then the survey firms will try to update the number using a service offered by Lexis Nexis. Any new numbers will be loaded into the CATI system to be dialed by interviewers. The telephone interviewer may also call the numbers given for sample member's secondary contacts. These contacts were given to us by the sample member at baseline, as relatives or friends who do not live in the same household as the sample member but will always know how to reach them. Every attempt (call disposition) to contact the sample member or their secondary contacts and its outcome is recorded in CATI. This information is provided to the field interviewer once sample is transferred to the field in the

form of a respondent contact sheet. The respondent contact sheet is what the field interviewer uses to record and code all of their attempts to contact the respondent.

Once the telephone interviewers have exhausted all leads, the case is transferred to the survey firm's field interviewers to locate the sample member and administer the surveys using Computer Assisted Personal Interviewing (CAPI). The field interviewer will review all the notes and attempts from CATI in the respondent contact sheet. They will first try calling the respondent using any numbers believed to be working by the telephone interviewers. This is done because sometimes sample members do not answer calls from out of area but will answer a call from a local number. If none of the telephone numbers are useful, they will attempt to contact the sample member or their secondary contacts in person. If necessary, they may speak to neighbors of the sample member or their secondary contacts, or to others in the community, to find out if anyone knows the sample member's whereabouts. If all attempts to contact fail, we will conduct an advanced Lexis Nexis search which provides address, name and telephone history of the respondent. These searches are performed by the field managers. Field managers sift through this data and provide additional contact information to the interviewers. Based on prior experience with similar populations, it is anticipated that 57 percent of the completes will be obtained by telephone and the remaining 43 percent of the completes will be obtained in-person.

Viability of attaining the goal response rate

The survey firms – DIR and Abt/SRBI – have extensive experience managing multi-site longitudinal field studies and attaining high response rates. These organizations employ professionally trained telephone interviewers experienced in obtaining high response rates and a nationwide roster of experienced field staff across the United States that are available to work on studies as they develop. Numerous MDRC studies with similar populations have achieved 80 percent response rates. For example, DIR recently achieved an 81 percent response rate for a sample which included ex-offenders (this was a 12-month follow-up survey for the Work Advancement and Support Center demonstration (Miller et al., 2012)). The Parents' Fair Share study, which included non-custodial parents, achieved a response rate of 78 percent (Miller & Knox, 2001). The Philadelphia Hard-to-Employ study (a transitional jobs program for TANF recipients) achieved a 79 percent response rate (Jacobs & Bloom, 2011). Several sites in the Employment Retention and Advancement evaluation achieved 80 percent response rates as well (Hendra et al., 2010).

Abt Associates and its survey subsidiary, Abt SRBI, have achieved among the highest survey response rates in the industry using a variety of methods specifically aimed at maximizing responses for large-scale studies with difficult-to-track populations. Abt's work on the Supporting Healthy Marriage project (for MDRC), the Survey of Recently Naturalized Citizens for U.S. Citizenship and Immigration Services, and the Veterans Employability Research Study for the Department of Veterans Affairs involves multi-site, large-scale, mixed-mode surveys that require extensive tracking efforts.

We will monitor survey completion rates within the sample cohort (defined by time of random assignment) by research group, site, and sub-population to provide feedback to the survey firms regarding the need to focus or intensify recruitment efforts.

Interim Response Rates

As of this revision, both versions of the 6-month survey have completed fielding in several sites and the Adult 12-month survey has completed fielding for some cohorts of sample members. **Baseline data collection is complete for all sites except Chicago, Minnesota, and the new STED site.** Interim response rates for these data collection efforts are shown in Exhibit 2.3.

Exhibit 2.3 Interim Response Rates

Data Collection	Expected Response Rate	Cases Worked To Date (Closed Cohorts)	Interim Response Rate
Participant Baseline Information Form (5 STED sites)	100%	5,903	100%
Participant 6-month survey (Adult sites, sub-sample)	80%	4,395	80%
Participant 6-month survey (Young Adult sites)	80%	899	80%
Participant 12-month survey (Adult sites)	80%	7,440	79%
Participant 12-month survey (Young Adult sites)	80%	1,394	79%
Participant 30-month survey (Adult and Young Adult sites)	80%	No cohorts have been closed for data collection	

The Adult 12-month survey did not achieve the expected response of 80%, reflecting the challenges in reaching certain populations included in the study. Specifically, one reason for the lower response rate is due to difficulties experienced in obtaining access to sample members who have been incarcerated since entering the study. As three of the sites included in the Adult 12-month survey effort served ex-offenders and some of the sites serving non-custodial parents had a large proportion of sample members who were ex-offenders, the challenges involved with locating and interviewing sample members experiencing recidivism have negatively impacted the response rate for the early cohorts of sample members. Permission to contact incarcerated sample members was granted in the sites affected by this¹². However, the lack of interviews

¹² Obtaining permission to contact incarcerated sample members will facilitate reaching the response rate target for the 30-month survey.

among incarcerated sample members in the early cohorts will have to be accounted for in the analysis.

The Young Adult 12-month survey is also facing difficulty in achieving the expected response rate of 80%. This survey is being fielded in among a very mobile population whose economic insecurity may increase their mobility and contribute to difficulties in locating sample members. Locational activities were intensified as a result of the difficulty found in locating sample members enrolled earlier in the program, resulting in improvement in response rate for later cohorts.

Assessing and correcting for survey nonresponse bias.

Survey nonresponse can bias the impact estimates if the outcomes of survey respondents and nonrespondents differ, or if the types of individuals who respond to the surveys differ across the program and control groups. The safest and best way to avoid or reduce this problem is, of course, to maximize response rates to the survey, and we have proposed methods that we believe will do so. Despite these efforts, however, it is certain that we will not achieve a 100 percent response rate and, in fact, that a reasonable proportion of sample members will not complete the survey, leading to the potential for nonresponse bias to affect the survey results and, thus, the impact estimates. We will use several methods to assess the effects of survey nonresponse during data collection and using data collected for the study.

During data collection, we are taking steps to understand, monitor, manage and address potential sources of non-response bias. During the survey fielding period, we will receive weekly reports from our survey contractors providing information on contact attempts and disposition status which will enable us to monitor response rates by sample cohort (defined by time of random assignment), research group, site, and target population (i.e., Non-Custodial Parents, Ex-Offenders, TANF Recipients, etc.). We will also monitor response for specific sub-populations of the sample who may have barriers to participation in the survey effort, including (but not limited to) non-English speakers and incarcerated sample members. Should significant gaps in response rates among these groups occur, we will intensify recruitment efforts for the affected group. These intensified efforts will include prioritizing the efforts of the most experienced survey interviewers towards the affected group and increasing the use of local interviewers to locate and recruit participants.

We will also examine nonresponse using data collected for the study. First, we will use baseline data (which is available for the *full* research sample) to conduct statistical tests (chi-squared and t-tests) to gauge whether treatments who respond to the interviews are fully representative of all treatment group members, and similarly for control group members. Noticeable differences in the characteristics of survey respondents and nonrespondents could suggest the presence of nonresponse bias. Furthermore, we will test whether the baseline characteristics of *respondents* in the two research groups differ from each other. Although baseline characteristics for the full sample should not differ much between the program and control groups, significant differences between program and control group respondents could

mean that impacts estimated from surveys will confound program impacts with pre-existing differences between the groups.

Second, we will assess nonresponse bias using administrative records data. For example, we will examine whether *impacts* on arrests or employment rates differ for survey respondents and survey nonrespondents. If program impacts are substantially different for respondents and nonrespondents, that would make us more cautious about drawing conclusions from the survey.

We will use several approaches to correct for potential nonresponse bias in the estimation of program impacts. First, as discussed, we will adjust for observed differences between program and control group respondents using regression models. Second, because this regression procedure will not correct for differences between respondents and nonrespondents in each research group, we will construct sample weights so that the weighted observable baseline characteristics of respondents are similar to the baseline characteristics of the full sample of respondents and nonrespondents. We will construct weights for program and control group members using the following three steps:

1. Estimate a logit model predicting interview response. The binary variable indicating whether or not a sample member is a respondent to the instrument will be regressed on baseline measures.
2. Calculate a propensity score for each individual in the full sample. This score is the predicted probability that a sample member is a respondent, and will be constructed using the parameter estimates from the logit regression model and the person's baseline characteristics. Individuals with large propensity scores are likely to be respondents, whereas those with small propensity scores are likely to be nonrespondents.
3. Construct nonresponse weights using the propensity scores. Individuals will be ranked by the size of their propensity scores, and divided into several groups of equal size. The weight for a sample member will be inversely proportional to the mean propensity score of the group to which the person is assigned.

This propensity score procedure will yield large weights for those with characteristics that are associated with low response rates (that is, for those with small propensity scores). Similarly, the procedure will yield small weights for those with characteristics that are associated with high response rates. Thus, the weighted characteristics of respondents should be similar, on average, to the characteristics of the entire research sample.

It is important to note that the use of weights and regression models adjusts only for *observable* differences between survey respondents and nonrespondents in the two research groups. The procedure does not adjust for potential unobservable differences between the groups. Thus, our procedures will only partially adjust for potential nonresponse bias. We will use administrative data to assess whether such bias is present in our data, as discussed above.

B4. Pre-Testing

Many of the questions proposed for this survey are either identical to questions used in prior evaluations or are similar, if not identical, to questions used in previous national surveys. Consequently, many of the items and measures have been thoroughly tested on larger samples.

MDRC worked closely with DIR, Inc. and Abt SRBI's senior staff to conduct formal pretests of all three follow-up surveys, with a convenience sample that were not included in the survey sample. Because the sample for the pilot test included only nine or fewer study participants, our understanding was that this effort did not require a separate OMB review and approval process, and these hours were not included in our burden estimates. These pretests provided more definitive estimates about the length of the surveys and their various components, as well as lead to improvements in questions, introduction scripts, wording and document formatting. Following the pretests, respondents were debriefed about the clarity of the questions and any potential problems with the instruments. Interviewers were also debriefed concerning any problems they encountered in the survey – and they recommended improvements. The survey instrument was revised to incorporate the survey firms' recommendations for improving the readability of questions that respondents had difficulty understanding. The updated instruments were revised and submitted to OMB.. Each survey was translated into Spanish versions once the English versions were finalized.

B5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

The information for the STED and ETJD studies is being collected by MDRC and its subcontractors, Branch Associates, DIR, MEF Associates, and Abt Associates on behalf of ACF and DOL. With ACF and DOL oversight, MDRC and its subcontractors were responsible for developing the instruments.

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