

## **Table of Contents**

Part A:	Justification	3			
A.1	Introductio	n/Authoring Laws and Regulations 3			
A.2	Description	of Collection 3			
	A.2.1 Ov	erview of the Evaluation 3			
	A.2.2 Da	ta Collection Purpose and Process 7			
	A.2.3 WI	no Will Use the Information 12			
	A.2.4 Ite	m-by-Item Justification 13			
A.3	Use of Info	rmation Technology to Collect the Information 14			
	A.3.1 Inf	ormation Technology and Data Management 15			
	A.3.2 Inf	ormation Technology and Sample Tracking 15			
	A.3.3 Inf	ormation Technology and Administrative Data Collection 16			
	A.3.4 Inf	ormation Technology and Survey Administration 16			
A.4	Why We C	annot Use Duplicate Information 17			
A.5	Minimizin	g Burden on Small Respondents 17			
A.6	Consequen	ce of Not Collecting Information or Collecting it Less Frequently 17			
A.7	Special Cir	cumstances 18			
A.8	Solicitation	of Public Comment and Other Consultations with the Public 18			
A.9	Payment or	Gifts to Respondents 18			
A.10	Assurances	of Confidentiality 20			
	A.10.1 Inf	ormed Consent 20			
	A.10.2 Da	ta Confidentiality Protections 21			
	A.10.3 Da	ta Storage and Handling of Survey Data 21			
A.11	Justificatio	n for Sensitive Questions 21			
A.12	Estimates of Public Reporting Burden 22				
A.13	Annual Cost to the Respondents (Other) 23				
A.14	Annual Co	st to Federal Government 23			
A.15	Program C	hanges or Adjustments to the Information Collection Request 23			
A.16	A.16 Plans for Publication Information Collection Results 23				
	A.16.1 Ti	ne Schedule for Analysis and Reporting 23			
	A.16.2 An	alytic Techniques, Tabulations, and Reporting 24			
A.17	Displaying	the OMB Approval Expiration Date 25			
A.18	Exceptions	to Certification Statement 25			

**Table of Contents** 

Part B: (	Collection of Information Employing Statistical Methods (see s				
document)					
B.1	Statistical Methodology 2				
I	3.1.1 Sample Recruitment and Random Assignment 3				
I	3.1.2 Universe of Households and Survey Samples 5				
B.2	Procedures for Collecting the Information 6				
I	3.2.1 Sample Design 6				
I	3.2.2 Estimation Procedures 7				
I	3.2.3 Degree of Accuracy Required 10				
I	3.2.4 Procedures with Special Populations 13				
B.3	Methods to Maximize Response Rates 14				
I	Participant Tracking and Locating 14				
Ţ	Jse of Incentive Payments 14				
I	3.3.1 Sample Control During the Data Collection Period	15			
B.4	Tests of Procedures 16				
B.5	Statistical Agency Contact for Statistical Information 16				
Appendix A.	Site Selection Summary				
Appendix B.	BOND Stage 2 Baseline Survey Instrument				
Appendix C.	<b>BOND Stage 2 Interim Survey Instrument</b>				
Appendix D.	BOND Stage 1 36-month survey Instrument				
Appendix E.	BOND Stage 2 36-month survey Instrument				
Appendix F.	Master Protocol and Key Informant Table and Focus Gi	roup Moderator's Guide			
Appendix G.	Item-by-Item Justification for the Stage 2 Baseline Instru	ument			
Appendix H. Item-by-Item Justification for the Stage 2 Interim Instrument					
Appendix I. Item-by-Item Justification for the Stage 1 Follow-up Instrument					
Appendix J.	J. Item-by-Item Justification for the Stage 2 Follow-up Instrument				
Appendix K.	X. BOND Participation Agreement (Informed Consent Form)				
Appendix L.	Federal Register Notice (Pending)				
Appendix M.	Enhanced Work Incentive Counseling Assessment Tool				

# Supporting Statement A Benefit Offset National Demonstration OMB Control No. 0960-NEW

## Part A: Justification

## A.1 Introduction/Authoring Laws and Regulations

The Social Security Administration (SSA) is undertaking the Benefit Offset National Demonstration (BOND)—a field-test and evaluation of policy changes and services on the Social Security Disability Insurance (SSDI) program—in an effort to produce strong evidence about the effectiveness of potential solutions that would improve the historically very low rate of return to work among SSDI beneficiaries. BOND grew out of, and incorporates, the \$1 for \$2 benefit offset demonstration that the Ticket to Work and Work Incentives Improvement Act of 1999 authorized SSA to implement.¹ Currently, disabled former workers retain all benefits, without reduction, so long as their earnings and work activity remain below the threshold of Substantial Gainful Activity (SGA). However, they lose their entire benefit if they have any earnings and/or work activity above SGA. The demonstration will test whether eliminating the SGA cliff in favor of a gradual reduction of benefits (by \$1 for every \$2 of earnings) would lead to increased employment and earnings for SSDI beneficiaries, and reduced reliance on SSDI benefits.

BOND will test this gradual reduction of benefits both alone and together with the provision of enhanced work incentives counseling. Under this enhanced work incentives counseling option, some treatment groups will receive a more intensive version of currently available benefit counseling services, allowing more personalized support to help with the complications of returning to work or working more. Previous use of financial incentives alone suggests that they have a limited impact on employment and earnings, due in part to participants' lack of understanding of the benefit schedules. Provision of more comprehensive benefits counseling may increase the impact of the incentives. The counseling may also increase the impact of the benefit offset by helping overcome the beneficiary skepticism that was evident in focus groups held previously about the demonstration. The more intensive counseling will be tested both in combination with the offset and as the sole addition to the current system of SSDI benefits and work incentives.

## A.2 Description of Collection

## A.2.1 Overview of the Evaluation

Currently, SSDI beneficiaries lose their entire SSDI benefit if they have earnings and/or work activity above the threshold of Substantial Gainful Activity (SGA). Often we refer to this feature of the benefit design as "the cliff." The benefit offset component of the demonstration will allow earnings above this level, reducing benefits by \$1 for each additional \$2 earned, thereby eliminating the "cliff" currently in effect.

The experimental design for BOND will test a benefit offset alone and in conjunction with enhanced work incentives counseling. The central research questions concern:

BOND was authorized under Sections 234(a)(1)(A) and (B) of the Ticket to Work and Work Incentives Improvement Act, 42 U.S.C. §§434(a)(1)(A) and (B)

- What is the effect of the benefit offset alone on employment and other outcomes?
- What is the effect of the benefit offset in combination with enhanced work incentives counseling, on employment and other outcomes?

The evaluation will use an experimental design (with random assignment) to measure these effects. Random assignment will take place at two levels, Stage 1 and Stage 2. Each level will create a current law control group to compare to one or more treatment group. Exhibit A1 shows the sample intake flow for both Stage 1 and Stage 2.

The exhibit illustrates how the three-way random assignment will take place at Stage 1, creating a Stage 1 treatment group that receives the offset (T1), a current law control group (C1), and the "solicitation pool" for the Stage 2 study that will randomly assign volunteers for Stage 2. Similarly, the exhibit shows how at Stage 2, we will assign those in the Stage 1 "solicitation pool" to three groups that receive different treatment by the SSDI program: those who receive the offset and enhanced work incentives counseling (T22), those who receive the offset only (T21), and a current law control group (C1).

Exhibit A1

BOND Sample Intake Flow

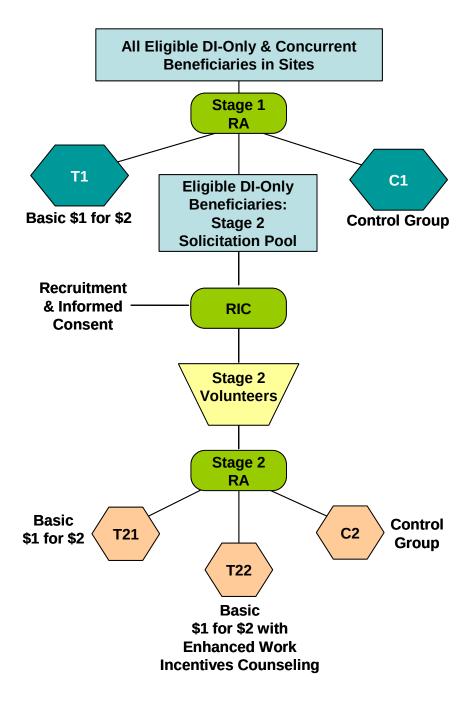


Exhibit A1 also shows how the three treatment groups created by the demonstration—one at Stage 1 and two at Stage 2—will receive one of the following interventions:

- The **\$1 for \$2 benefit offset**, which helps a participant increase income through a combination of increased earnings and a gradual reduction in cash benefits. If beneficiaries complete their Trial Work Period and Grace Period and continue to have earnings above an annualized SGA threshold amount, they will automatically shift to the offset schedule for the calculation of monthly benefits. In Stage 1, SSDI-only and concurrent beneficiaries we randomly assign to the treatment group shift from the regular SSDI benefit schedule to a new schedule to which we apply the \$1 for \$2 benefit offset to earnings above an annualized SGA threshold. All beneficiaries in the Stage 1 treatment group will receive notification of the offset availability. Based on historical levels of beneficiary employment, we project that most of those participants we assign to the offset will not use it. In addition, a random subset of SSDI-only beneficiaries will form a "solicitation pool," and we will invite them to volunteer to participate in Stage 2 of the demonstration. A random share of those who do volunteer will comprise an offset-only Stage 2 treatment group.
- The **\$1 for \$2 benefit offset with enhanced work incentives counseling** which, in addition to allowing beneficiaries to earn more without losing cash benefits via the offset, provides participants in this treatment group with enhanced work incentives counseling services that will assist them in understanding how work and earnings will affect their benefits, and provide information about and referrals to other employment-related services and supports available through the SSDI program and other local programs. The counseling we provide will represent a more intensive version of currently available benefits counseling services, <sup>2</sup> allowing more personalized support to help with the complications of returning to work (or working more). We will randomly assign a subset of the SSDI-only beneficiaries in the "solicitation pool" who volunteer to participate in Stage 2 of the demonstration to this Stage 2 treatment group.

BOND has several research components. The **impact study** will compare outcomes between the treatment and control groups using data from administrative records and the surveys, and it will compare impacts among the three treatment designs. A second research component, the **participation analysis**, will examine the proportion of applicants and beneficiaries who take up the offer of the benefit offset or benefits counseling, how participation varies with the treatment design, the timing, and intensity of participation, and personal characteristics.

A third research component, the **process study**, will examine all aspects of demonstration implementation and operations, in order to assist SSA in understanding and interpreting project results and identifying ways that we might modify the interventions might to improve quantitative outcomes. The study will document implementation and operations, identifying important differences across sites and over time, define clearly the interventions that we tested, and draw lessons to guide future replication of the demonstration in a national program. It also will provide qualitative information that will be helpful in interpreting the results of the impact analysis.

Part A: Justification

Benefits counseling services are currently available to SSDI beneficiaries through SSA's Work Incentives Planning and Assistance (WIPA) providers.

Finally, the project's **benefit-cost analysis** will estimate the net budgetary effects of the offset and enhanced work incentives counseling we provide in each treatment package. The analysis will estimate budgetary effects separately for SSA, the federal government, and state and local governments. The cost analysis will draw upon the impact and process analyses in estimating the net budgetary effects of the program treatments for the various levels of government. In addition, the cost analysis will examine the net costs to participants and society.

Across the United States, 10 sites will implement BOND, from 2010 through 2018. Appendix A provides details of the site selection process.

#### A.2.2 Data Collection Purpose and Process

This request for clearance covers the data collection instruments for both the impact and benefit cost analyses, and the process study analysis. This section first explains the purpose of each of the four participant survey instruments we require for the impact analysis. Then, it explains the interview guides we require for the process study analysis.

## Impact Analysis Participant Surveys Purpose and Data Collection Activities

The data we obtain through beneficiary surveys are critical inputs to the BOND impact and benefit-cost studies. Administrative data analysis is valuable, but it includes only a limited set of variables and outcomes. The surveys will provide information we need to measure baseline characteristics and outcomes that we cannot obtain using administrative records. Specifically, the survey instruments collect information that is more detailed on a wide range of topics such as employment, earnings, health and functional status, education and training, opinions about the demonstration, health insurance, and income.

BOND is a longitudinal study—with at least three points of contact for the Stage 2 sample. We will conduct all of the survey efforts by telephone, with in-person follow-up as necessary, except for the Stage 2 baseline. Wherever possible, the Stage 2 interim and 36-month surveys will use the same field interviewers that conducted the baseline survey data collection. This will allow the field interviewers to build upon the rapport they established with the beneficiary at the time of enrollment. For the Stage 2 interim survey, we estimate that we will complete 45 percent of the surveys by telephone and 35 percent will require in-person follow-up. Since the Stage 2 interim survey is the second interview contact for this sample, it is likely that they have preconceived notions about the burden survey participation will impose. As a result, they may be less likely to participate in the survey when called on the phone. However, they may be more likely to complete the survey in-person, especially when the interviewer is the person they built a rapport with at baseline. Thus, we anticipate a larger proportion will require in-person administration. Given the longer interview length, the longer follow-up period, and the fact that the Stage 2 36-month survey is the third point of contact with the sample members, we project completing a much larger proportion of the Stage 2 36-month interviews in person.

The situation is different for the Stage 1 36-month survey. Although the time elapsed since baseline could pose some locating challenge, we project completing a higher proportion of this sample by telephone. We will interview this sample just once during the study period. This will make it easier to solicit an initial survey response by telephone since they have no preconceived notions of the interview burden. The length of the interview is significantly shorter than the Stage 2 36-month survey, which makes telephone administration more feasible.

**Purpose of the Participant Surveys for the Impact Analysis.** This survey information collection is essential for conducting a rigorous evaluation of the range of the effects of the BOND intervention that would be important to policy and that we need to conduct a comprehensive benefit-cost analysis of the intervention. The administrative data that researchers will also use to evaluate BOND do not offer the full range of topics that the evaluation requires. In order to ensure that the data we require for analysis in the BOND impact and benefit-cost studies are available, we developed four survey instruments:

- 1. A *Stage 2 baseline survey* we will administer to all Stage 2 volunteers prior to random assignment;
- 2. A *Stage 2 interim survey* we will administer 12 months after random assignment for all Stage 2 volunteers, with a response rate target of 80 percent;
- 3. A *Stage 2 36-month survey* we will administer 36 months after random assignment for all Stage 2 volunteers, with a response rate target of 80 percent; and
- 4. A *Stage 1 36-month survey*, we will administer 36 months after random assignment for a subsample of 10,000 Stage 1 treatment and control group members, with a response rate target of 80 percent.

The proposed survey data collection is the primary source for data to measure the effects of a more generous benefit offset, and the provision of enhanced work incentives counseling on the work effort and earnings of SSDI beneficiaries. The experimental design will generate data to draw rigorous inferences about the effects of the benefit offset and benefits counseling, independent of all other factors affecting the lives of demonstration participants. Random assignment serves to ensure that the treatment and control groups match well on both observed and unobserved characteristics at the time of their entry into the study. It thus establishes the strongest possible foundation for understanding whether the benefit offset, alone or in conjunction with enhanced work incentives counseling, can lead SSDI beneficiaries to greater economic self-sufficiency and other improvements in their lives.

The baseline survey will provide data necessary to define the covariates we use in the later impact analyses and to define subgroups of the demonstration study sample for analysis. The interim survey will collect information on service receipt in the first year after Stage 2 random assignment to establish the treatment/control differential in service receipt, and to measure for the cost-benefit analysis the extent to which Stage 2 demonstration participants participated in employment-related services. We would expect service participation of Stage 2 volunteers to be much higher than that of DI-only beneficiaries as a whole. We will measure and report both. We do not consider the former to be a bias. Rather, it is a measure of a different policy-relevant concept: How much beneficiaries who want the offset or EWIC use employment-related services, as opposed to simply responding to the offset's work incentives alone.

The Stage 1 and Stage 2 36-month surveys, in conjunction with an analysis of outcomes derived from SSA administrative data on earnings and benefit receipt, will capture the experiences of treatment and control group members over a period of three years. A follow-up interval of this length is important to measuring the impacts of BOND, as the effects of the demonstration on individual behavior and wellbeing may take time to emerge.

#### **Data Collection Activities**

Trained interviewers will administer each of the participant surveys to the appropriate study participants. All of the Stage 1 participants are SSDI or concurrent beneficiaries randomly assigned to one of the three Stage 1 groups. All of the Stage 2 participants are SSDI-only beneficiaries, randomly assigned to one of the three Stage 2 treatment groups. Interviewers will inform participants that their participation in the survey is voluntary, that they can choose not to answer any question at any time, and that they can stop the interview at any time. Trained interviewers will administer each of the surveys either in person (Stage 2 baseline) or through a combination of telephone and in-person administration (Stage 2 interim and 36-month surveys, Stage 1 36-month survey). All survey administration will use computer-assisted technology—web and computer assisted personal interviewing (CAPI) for the Stage 2 baseline survey and computer-assisted telephone interviewing and personal interviewing (CATI/CAPI) technology for the Stage 2 interim and the Stage 1 and Stage 2 36-month surveys.

## **Process Study Purpose and Data Collection Activities**

To learn about the implementation of the demonstration, the process study team will conduct seven rounds of site visits to each of the 10 demonstration sites. Site visits will begin 6 months prior to and continue 54 months after the implementation of the BOND demonstration (see Exhibit A3). We will conduct each of the key informant interviews using semi-structured interview guides that typically last about 60 minutes. For the process study, we will also conduct participant focus groups. We summarized the purpose and timing of each round of site visit in Exhibit A2.

Exhibit A2. Overview of Site Visit Data Collection Activities

Type of Site Visit	Purpose of the Visit	Estimated Date(s)	Focus Group Activities	
Round 1: Pre- implementation	Document and describe the service area prior to demonstration implementation	4 months before BOND implementation	None	
Round 2: Initial implementation	Document and describe the demonstration structure and service delivery process, begin assessing the fidelity of the treatment	6 months after BOND implementation	None	
Round 3: Demonstration enrollment #1	Document the enrollment process, describe how the demonstration has evolved over time, assess the fidelity of the treatment	18 months after BOND implementation	Focus groups with treatment group participants	
Round 4: Demonstration enrollment #2	Demonstration updates, document any changes to the enrollment process, assess the fidelity of the treatment	24 months after BOND implementation	None	
Round 5: Post- enrollment #1	Demonstration updates, assess the fidelity of the treatment, begin to interpret early impact findings, identify lessons learned	30 months after BOND implementation	Focus groups with treatment group participants	
Round 6: Post- enrollment #2	Demonstration updates, assess the fidelity of the treatment, interpret early impact findings, identify lessons learned	42 months after BOND implementation	None	
Round 7: Post- enrollment #3	Demonstration updates, assess the fidelity of the treatment, interpret impact findings	54 months after BOND implementation	Focus groups with treatment group participants	

**Purpose of Data Collection.** The process study will document project operations and provide a basis for interpreting and generalizing the demonstration findings. Abt and their partners will use data they collect for the process study for four primary purposes:

- 1. **Describe the Intervention as Implemented.** We will use the data to provide detailed documentation of the projects' operations and service environments.
- 2. **Assess the Demonstration Fidelity.** We will use the process study data to monitor the demonstration's fidelity to its design. It will identify the key operational challenges that emerge as we implement the intervention, and examine how, and how well, we address those challenges.
- 3. *Help Interpret Impact Results*. The evaluation team will use the process study data to interpret and hypothesize about the cross-site, cross-time impact findings. From these data, the evaluation team will assess whether variation in implementation across sites is likely to affect demonstration participation and impacts.
- 4. *Identify Lessons*. We structured data collection to identify the primary lessons during each stage of the demonstration.

#### **Data Collection Activities**

The process study team, consisting of senior researchers, will conduct seven rounds of in-depth site visits to each of the BOND demonstration sites. During these site visits the team will focus on key topics such as the demonstration planning, agencies involved with the demonstration, process for recruiting and enrolling participants, provision of regular and enhanced work incentives counseling to treatment group participants, and the challenges and lessons learned in recruiting and serving participants.

We will conduct each of the key informant interviews using semi-structured interview guides that typically last about 60 minutes. Interview participation is voluntary. Abt and their partners compiled a range of topics and questions into a resource bank that we will use to create the key respondent interview guides for each round of site visits (see Appendix F). The process study team will use only the topic areas and questions that are relevant to that round of site visits and that key respondent (see Appendix F, Tables 1 and 2). For example, we will only use the questions describing the agencies involved with the demonstration planning and initial implementation for the second round of site visits. This bank of topic areas and questions will allow Abt and their partners to adapt the interview guides as the demonstration evolves over time.

At the beginning of each round of visits, the task leader will create the key respondent interview guides by drawing from the resource bank of topic areas and questions. All site visitors will use those interview guides for that round of visits. We will change the interview guides from one round to the next in order to capture the dynamic nature of the demonstration.

In three of the rounds of site visits (Rounds 3, 5, and 7), we will conduct focus groups with treatment group participants to learn about their experiences with work incentives counseling and how the benefit offset influences their decision to work. We will complete two focus groups within each of the sites. One group will include those receiving regular work incentives counseling, and the other group will consist of those receiving enhanced counseling. Participation in the focus groups is voluntary.

We will use a semi-structured interview guide for the treatment group participant focus groups (see Appendix F). Focus groups will last 90 minutes. To encourage broad participation from those with different types of disabilities, where possible, we will provide the needed accommodations, such as translation services for the hearing impaired, so that treatment group members may participate in the focus groups.

#### **Frequency of Data Collection**

Site visits will begin 4 months prior to and continue 54 months after the implementation of the BOND demonstration (see Exhibit A2).

#### **Key Respondents**

In each of the 10 demonstration sites, the process study team will work with the BOND site offices to determine who is involved with administering and providing BOND activities, including the regular and enhanced work incentives counseling. While the team expects that the list of respondents will vary somewhat across sites (depending on the specific service providers involved in each of the sites), the categories of potential respondents include:

- **Demonstration site director and staff** (e.g., outreach and recruitment specialist, BOND specialist, and mobile BOND specialist) who are responsible for demonstration planning as well as coordinating the initial and ongoing implementation of BOND. They are also responsible for all recruitment, enrollment, and research activities (e.g., surveys, random assignment, preventing contamination or crossovers).
- *Headquarters, Regional, and Area Office SSA* personnel who work with the sites to recruit participants, and perform other responsibilities associated with the demonstration (these staff will also provide information on the experiences of control group members and stage two treatment group participants concurrently enrolled in SSI and SSDI).
- **Staff and managers at work incentives counseling service providers** who serve demonstration participants and who offer employment-related services more generally (these individuals will also provide information on the experiences of control group members).
- Representatives of state and local government agencies that serve people with disabilities, which could include State Vocational Rehabilitation Agencies (SVRA), employment agencies, health policy and services agencies who serve both treatment and control group members.
- Managers and Community Work Incentive Coordinators at the *Work Incentives*,
   *Planning, and Assistance (WIPA) agencies* funded by SSA to assist beneficiaries in return-to-work efforts.
- **State and local advocates** for working people with disabilities.
- Stage 2 BOND participants who receive WIC services and those who receive EWIC services.

## A.2.3 Who Will Use the Information

The primary beneficiary of the planned survey data collection will be SSA, which will use the information to assess the effects of the BOND demonstration for SSDI beneficiaries. These data will begin to answer SSA's questions about impacts of the benefit offset alone and in combination with enhanced work incentives counseling services in all study domains: employment and earnings; income; benefits; etc. SSA will also be the primary beneficiary of information from the key informant interviews, although the demonstration operator will also utilize information from them. The information we obtain through these interviews will help identify best practices in implementing a program like BOND and potentially guide the decision to implement BOND nationwide.

Secondary beneficiaries of this data collection will be those in the public policy and social science research community who are interested in developing policy initiatives to promote return to work among people with disabilities, and to stem growth in the numbers and length of time for beneficiaries on the SSDI program. Demonstration site staff working directly with individuals will use some of the data as well.

Ultimately, these data will benefit researchers, policy analysts, policy makers and the United States Congress in a wide range of program areas. The effects of BOND on the wellbeing of SSDI beneficiaries could manifest themselves in many dimensions and could be relevant to an array of other public

programs. This project offers the first opportunity to obtain reliable measures of these effects. The long-term indirect benefits of this research are therefore likely to be substantial.

## A.2.4 Item-by-Item Justification

In developing the surveys, we attempted to balance the need to capture the desired data elements against placing undue burden on the respondents, excluding items that—while potentially interesting—are not critical to the measurement of outcomes and analysis of the impacts of BOND. Another goal was to keep the time we need for survey administration to a reasonable duration, thereby limiting respondent burden.

This section provides a brief overview of the content of each of the four participant surveys. Appendices B-E contain the actual survey instruments and appendices G-J contain the item-by-item justifications for the proposed survey instruments. For each included survey item, these appendices show the content, the reason for inclusion—or intended use, and the source of the survey question. Appendix F provides the instruments for the process study data collection. The Enhanced Work Incentives Counseling Assessment Tool is included in Appendix M. Enhanced work incentives counselors (EWICs) will administer this assessment one time to each beneficiary assigned to the T22 group.

Exhibit A3 summarizes the data by domain for each of the four participant surveys.

**Exhibit A3: Data Collected in Participant Surveys** 

		Stage 1		
	Baseline Survey	Interim Survey	36-Month Follow-up Survey	36-Month Follow-up Survey
Employment and Earnings	✓	✓	✓	✓
Service Use		✓		✓
Income		✓	✓	✓
Barriers to Employment	<b>√</b>		✓	✓
Disability Onset	✓			
Education and Training	✓	✓	✓	✓
Health and Functional Status	✓	✓	✓	✓
Awareness of BOND or SSA Work Incentives	✓	✓	✓	<b>✓</b>
Work History	✓	✓	✓	✓
Personal Characteristics	<b>√</b>	✓	✓	✓

We designed the *Stage 1 36-month survey* specifically to measure employment outcomes—including wages, occupations, benefits, and hours worked—of beneficiaries who return to work because of participation in the project, as authorized by the Ticket to Work legislation.<sup>3</sup>

The *Stage 2 baseline* and *Stage 2 36-month surveys* (we will administer respectively at enrollment and approximately 36 months later) are the primary sources for contextual variables and outcome measures on the Stage 2 treatment and control group members.

The *Stage 2 interim survey* is the primary source to capture information primarily about experiences with the BOND program and receipt of demonstration services.

**The key informant interviews and focus groups** that are part of the process study will help the research team to describe the demonstration start-up, implementation, ongoing operations, and the provision of services to participants over time. Key informant interviews we will conduct during site visits will focus on the following domains:

- 1. site background;
- 2. current services available to beneficiaries;
- 3. agencies which involve themselves in demonstration planning and initial implementation;
- 4. demonstration site recruitment, planning, and startup;
- 5. sample selection, recruitment, and enrollment;
- 6. development and structure of the demonstration;
- 7. demonstration service delivery;
- 8. participation patterns and experiences;
- 9. communication, coordination, and interagency relationships;
- 10. monitoring and tracking;
- 11. assessment of demonstration implementation; and
- 12. successes, challenges, and lessons learned.

Appendix M displays the Enhanced Work Incentives Counseling (EWIC) Assessment tool. Enhanced Work Incentives Counselors (EWICs) will administer the assessment tool once to each of the beneficiaries assigned to the T22 group. The assessment tool is a guided interview that will equip the EWIC counselors with a profile of a beneficiary's needs in a short period of time, enabling a rapid response of referrals to services targeted to resolve needs and promote a return to work. The responses to the assessment will enable EWICs to document needs of BOND participants that inhibit their employment and provide information and recommendations that will quickly address issues in an integrated and effective manner. This will enable EWICs to assist beneficiaries and their families to locate the community resources that enable a return to work.

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<sup>&</sup>lt;sup>3</sup> P.L. 106–170, Section 302.

The open-ended questions on the assessment tool give the beneficiary a chance to describe their aspirations and concerns regarding employment, the barriers they may face in finding and keeping work, and any support they have or may need. The guided interview also explores the beneficiary's employment goal, past education or work experience, and their perceptions of the skills they bring to their employment. The questions cover the following domains:

- Daily Activities. Counselors will use responses to questions in the daily activities domain to
  ascertain how beneficiaries believe their health conditions affect their lives, and to develop
  service referral strategies. This domain includes questions about present living situation, support
  used for daily living activities, primary mode of communication, primary language, and use of
  email.
- **Health/Mental Health.** Questions related to health will capture critical issues that relate directly to physical and emotional health concerns. This domain includes questions about general health and physical, emotional, or secondary disabilities. Questions also focus on mobility/ambulation, motor skills, and use of, or need for, adaptive technologies. The EWIC's goal during the assessment is to obtain a brief snapshot of the beneficiaries' health, from their perspective, in the past, present, and future.
- **Work.** For many SSDI beneficiaries, events at prior jobs can be instrumental in whether a disability prevents a beneficiary's likely return to work. Persons with identical impairments will have very different outcomes based on their perceptions of work or a potential work place. The beneficiaries base many of these perceptions on prior work experiences. Questions about work will not only provide a snapshot of the beneficiary's background, but will give the EWIC counselor a general picture of the beneficiary's motivation or return to work, assessment of their skills and capabilities, and their desire for work. The EWIC counselor will use this information to develop the service referral approach. Questions in this domain focus on employment goals; previous work experience; skills; preferred work environment; reasons for leaving previous jobs; educational attainment; and receipt of employment training.
- **Family.** The reaction of a family to a disability of a loved one, and the type of support system available from the family can be critical in determining a beneficiary's encouragement to return to work. Questions in this domain address support provided by the family and beneficiary's living situation.
- **Financial.** The beneficiaries' financial situations can have unexpected effects on how they react to disability. To promote effective referral planning, EWIC counselors will gather information from beneficiaries about receipt of benefits and knowledge of how work interacts with benefits.

## A.3 Use of Information Technology to Collect the Information

This evaluation will use information technology in four distinct ways:

- to maintain all demonstration data in a consistent manner;
- to assist the ongoing sample tracking and locating efforts;

- to measure certain outcomes through data we abstract from administrative records data; and
- to facilitate collection of the survey data in standardized and accurate ways that also accommodates the confidential collection of sensitive data.

## A.3.1 Information Technology and Data Management

The Benefit Offset National Demonstration will generate a substantial amount of data over its five years in operation. BOND requires multiple information systems to support project data collection, operations, and evaluation. We will manage the four key aspects of the demonstration's functionally distinct data needs separately, linking them only for specific purposes. The four main types of data we require to support the needs of the demonstration are:

- 1. Administrative data from U.S. Department of Education's Rehabilitation Services Administration (RSA)Vocational Rehabilitation administrative records, SSA administrative records, and Centers for Medicare & Medicaid Services (CMS) administrative records;
- 2. Stage 1 follow-up survey;
- 3. Stage 2 Surveys; and
- 4. Operations data, including but not limited to those operation we require for the management of participant recruitment and intake, earnings data collection, and data exchange with the BOND Standalone System.

The organization within the Abt Associates BOND team that specifically conducts each data collection activity will deploy and administer the data systems needed to support the data collection. The BOND Operations Data System (BODS) will manage all data the benefit offset demonstration collects or generates. This will ensure clear, consistent documentation of all data transactions. This will be particularly important as analysts work with various data components, creating their own analysis files etc. Documentation of all such transactions will reside in the database environment, to ensure the ability to replicate each one in the future.

The database environment will be the source of all data extracts, including the request files necessary for collecting administrative data from agencies other than SSA and the sample files for the survey data collection (see A.3.4 below). Since the participants in the demonstration have disabilities, it is likely that some will require special assistance—either proxies or some form of assistive technology. The sample file will include a disability flag to note whether participants require special assistance for the interview, and if so, which forms of assistance they need.

## A.3.2 Information Technology and Sample Tracking

The study's tracking design contains both passive methods (requiring no contact with the sample member) and active methods (requiring interaction with the sample member). Passive methods include collection of location information from sources such as postal address updates, directory assistance, reverse directories, credit bureau data, and public agency administrative data. Active tracking methods include direct contact with the participant, and can consist of annual brief telephone or in-person

interviews, as well as contact mailings that ask the participants to confirm or update how best to reach them.

The BOND Beneficiary Tracking System (BTS) will store all tracking updates we collect, and link them to the participants.

#### A.3.3 Information Technology and Administrative Data Collection

The second way in which improved information technology will benefit the BOND evaluation is through collection of administrative data on certain outcomes. By accessing administrative information from SSA and other organizations, the Abt team was able to reduce the scope and burden of the survey instruments on evaluation participants. Exhibit A4 shows the uses to be made of administrative data.

**Exhibit A4.** Role of Administrative Data

Research Domain	Outcomes/Purpose	Data Sources
Employment and earnings	Annual employment and earnings	SSA earnings records
Income and benefits	Monthly cash assistance	SSA administrative records on beneficiary status and benefit receipt
Service delivery data	Assess service differentials between treatment and controls	Rehabilitation Services Administration (RSA) Administrative Records.
Medicaid and Medicare claims data	Assess differences in participation patterns by control and treatment	Centers for Medicare & Medicaid Services (CMS) Administrative Records

#### A.3.4 Information Technology and Survey Administration

In accordance with SSA's Government Paperwork Elimination Act plan, information technology assists in the survey data collection in three ways:

- 1. Design and management of the sample;
- 2. Survey administration; and
- 3. Survey management.

We will use the BODS (described above) as the primary source for identifying the sample for each survey. Data drawn from various sources in the BODS define the survey sample, which we then incorporate into the automated survey data collection software.

The BOND Stage 2 baseline administration will use Web & computer-assisted in-person interviewing (CAPI) technology. We will administer the remaining BOND surveys—Stage 2 Interim and both the Stage 1 and Stage 2 36-month surveys—using computer-assisted telephone interviewing and personal interviewing (CATI/CAPI) technology. The Web/CATI/CAPI technology helps to improve the quality of the survey data we collect in several ways. First, Web/CATI/CAPI technology controls the flow of the interview, which virtually eliminates any chance for missing data. Second, controlling the flow of the

interview also ensures that the skip patterns work properly. Third, computer assisted interviewing can build in checkpoints which allow the interviewer to confirm responses thereby minimizing data entry errors. Finally, automated survey administration can incorporate system checks for allowable ranges for quantity and range value questions, minimizing out of range or unallowable values. Finally, Web/CATI/CAPI technology also allows interviewers to easily record verbatim responses to open-ended questions; thus, supporting efficient survey management.

Although the CATI/CAPI software enhances the quality of the survey data we collect, and minimizes data entry errors, post data collection cleaning—using rigorous protocols—is necessary. First, researchers review frequency distributions to ensure that there are no outlying values, and to make sure that related data items are consistent. Analysts review the open-end or verbatim responses, group like answers together, and assign a numeric value. The most important open-end responses to require coding are the industry and occupation questions, and those that capture data about the respondent's knowledge of SSA rules, and the demonstration. The automated nature of the survey data collection should result in little to no missing data items. In rare instances where missing data exist, we will recode the variables in question with standard default codes to indicate missing data. Once we complete the data cleaning protocols, we will construct appropriate weights required for analysis.<sup>4</sup>

Analysts will undertake a similar process with the administrative data we collect. Analysts will review the files for duplicate entries, incorrect matches, and individual item review, to ensure that they too are within the expected ranges.

Once we finalize data processing protocols, the research team will create the final data set and codebook.

## A.4 Why We Cannot Use Duplicate Information

The purpose of the follow-up survey for the BOND evaluation is to obtain current information on the status and wellbeing of individuals in the BOND demonstration study sample. Information about these respondents' educational achievement, employment status, job skills development, physical and mental health, and use of health insurance are not available through any other source. Further, as described in A.3 above, the evaluation will utilize administrative data in conjunction with survey data to avoid duplication of reporting (e.g. disability benefits or earnings).

We will also avoid duplication in this study by use of the centrally maintained BODS, which links all the data we collect from random assignment for use in the Baseline Survey (and during the subsequent active and passive tracking efforts) with subsequent information we gather from administrative sources. This eliminates the need to ask about personal characteristics or background factors for known household members on the interim or follow-up surveys.

## A.5 Minimizing Burden on Small Respondents

We will not involve any small businesses or other small entities as respondents in the proposed data collection effort. Respondents are all individuals participating in the BOND evaluation.

The Evaluation Analysis Plan (Deliverable 16.1) will provide details about weighting, due to SSA on July 15, 2010.

# A.6 Consequence of Not Collecting Information or Collecting it Less Frequently

Each of the four survey data collection efforts is essential to evaluating BOND. If we collected the data less frequently, it would jeopardize SSA's ability to conduct the impact analysis. Delays in the administration of the interim survey run an inherent risk that the respondent will have trouble recalling the details about the services received. Delaying the administration of the follow-up surveys allows more time for outside factors—such as changes in the labor market, or declining health of the respondent—to mask the impact of the BOND interventions.

The process study data, particularly the key informant interviews, are critical to understanding the differences in program implementation across sites. The process analysis research team must make frequent visits to each demonstration site to document demonstration activities at critical points in time. We will conduct two site visits before randomization, two site visits during the enrollment phase, and three site visits post enrollment. The first two site visits will allow us to collect baseline data, and to describe the initial implementation of the demonstration. Rounds 3 and 4 will allow us to capture the random assignment process and enrollment. The last three site visits will allow us to describe how the demonstration offset and work incentives counseling services may have contributed to program impacts over time. We will begin assessing the fidelity of the intervention during Round 2 and continue during all subsequent site visits.

There are no technical or legal obstacles to burden reduction.

## A.7 Special Circumstances

The proposed data collection activities are consistent with the guidelines set forth in *5 CFR 1320.5* (Controlling Paperwork Burden on the Public, General Information Collection Guidelines). There are no circumstances that require deviation from these guidelines.

## A.8 Solicitation of Public Comment and Other Consultations with the Public

The 60-day advance Federal Register Notice published on August 12, 2010 at 75 FR 49013 and SSA received no public comments. The second Notice published on October 21, 2010 at 75 FR 65046. If we receive any comments in response to the 30-day Notice, we will forward them to OMB. SSA did not consult members of the public in the development of this form.

Abt Associates Inc., the prime contractor, assisted with the BOND evaluation design. Abt Associates is also assisting with the implementation of the demonstration. Key members of the Abt team include Dr. Howard Rolston, Dr. Stephen Bell, Dr. David Stapleton, Dr. Larry Orr, Dr. Judith Feins, Mr. David Long, and Dr. Ray Glazier. Dr. Brian Sokol (Abt Associates) assisted in the coordination of survey data collection and the database environment/data warehouse.

SSA collaborated on the design of the demonstration with the Abt team throughout all phases of the study to date. The purpose of such consultation is to ensure the technical soundness and usefulness of the data collection instruments in carrying out the aims of the evaluation.

## A.9 Payment or Gifts to Respondents

Incentive payments are a powerful tool for maintaining low attrition rates in longitudinal studies, especially for cases in the control group because these sample members are not receiving any (other) program benefits or services. The use of incentive payments for the BOND surveys can help ensure a high response rate, which is necessary to ensure unbiased impact estimates. Low response rates increase the danger of differential response rates between the treatment and control groups, leading to non-comparability between the two groups and potentially biased impact estimates.

Three factors helped to determine the incentive amounts for each survey:

- 1. Respondent burden, both at the time of the interview and over the life of the demonstration;
- 2. Costs associated with participating in the interview at that time; and
- 3. Other studies of comparable populations and burden.

The incentive structure for Stage 2 and Stage 1 surveys is as follows:

#### Stage 2:

Baseline Survey: \$40 for all respondents.<sup>5</sup>

• 12-Month Interim: \$25

36-Month Follow-up: \$45

Tracking Letters: \$5

## Stage 1:

36-Month Interim: \$25

The respondent burden associated with surveys of the Stage 2 sample in BOND is much greater than that for the Stage 1 sample members. We will interview the Stage 2 sample at three different points over a 36-month follow-up period, as compared to the Stage 1 sample, interviewed just once during the 36-month period. Incentives generally increase over time for longitudinal samples with multiple surveys. For BOND, it is especially vital to minimize Stage 2 sample attrition for the survey data. Although the overall sample size seems large, the sample sizes for analysis in any one cell are much smaller when broken down across 10 sites, three random assignment groups, and multiple disability types. Therefore, it is imperative to minimize attrition over the life of the demonstration; respondent incentives help to do that.

The BOND enrollment process requires that whenever possible study subjects come into the BOND site office and spend time with the site office staff, give informed consent, complete the baseline interview, and then await the results of random assignment. The incentives for all of the respondents at baseline are \$40 whether they came into the office or completed the interview in their home. (Those who travel to the BOND site office for their intake session and complete the baseline survey will also receive \$10 to cover transportation or childcare expenses.)

Those who travel to the BOND site office receive an additional \$10 to compensate for travel and/or childcare expenses.

Respondents to the interim survey will receive \$25, as that survey is shorter and less complex than the baseline survey. The incentive payment for the Stage 2 36-month follow-up interview is \$45, as the burden to the respondent is more significant: the instrument is longer, and continued participation in the study will involve not only the two earlier rounds of data collection but also interim tracking contacts. Given the longer period of follow-up and potential for individuals to drop from the sample, this amount will also be important to help secure the cooperation of the control group.

Stage 2 sample members will receive periodic requests to update their contact information on an enclosed form and return the updated information to Abt. Those who respond to this request will receive \$5 as a token of appreciation for their time.

We also suggest that Stage 1 follow-up respondents receive \$25 for their participation. Incentives for this group will be very important, as controls will not receive prior information about BOND, and treatment group members may be unlikely to recall information contained in the SSA notice about BOND, given the absence of informed consent.

For the process study, we will offer \$25 incentive payments to focus group participants. This incentive payment will cover the cost of their time spent in the focus group and traveling to and from the focus group site.

## A.10 Assurances of Confidentiality

The subjects of this information collection and the nature of the information we will collect require strict confidentiality procedures. The information requested under this collection is protected and held confidential in accordance with 42 U.S.C. 1306, 20 CFR 401 and 402, 5 U.S.C.552 (Freedom of Information Act), 5 U.S.C. 552a (Privacy Act of 1974) and OMB Circular No. A-130. We describe detailed plans for informed consent and data security procedures below.

#### A.10.1 Informed Consent

All potential participants for Stage 2 of the BOND should be able to make a genuinely informed decision about demonstration participation. Vigorous outreach with a clear message and strong supporting materials will help to ensure that those we assign to the demonstration treatments understand the opportunities available, and are likely to take advantage of the demonstration's benefits. In addition, we will screen those members of the Stage 2 Solicitation Pool who express interest in BOND for cognitive ability before they can provide their informed consent (see more below).

We designed BOND to ensure that participants would not be worse off than they would be under current rules. Those who participate actually commit little, and face minimal risk, by agreeing to be part of the demonstration. The outreach materials will clearly explain the risks to participants.

At Stage 1, we will base the random assignment of eligible beneficiaries to an offset-only treatment group and a control group entirely on SSA administrative records, hence it will not require direct recruitment of beneficiaries or informed consent (as discussed below, we will solicit informed consent for Stage 2). However, the beneficiaries we assign to the Stage 1 offset-only group will receive a notice from SSA explaining the new, more generous treatment of their earnings—the \$1 for \$2 offset—that will apply when they work above SGA for a sustained period.

Abt Associates demonstration implementation staff will enroll SSDI-only beneficiaries who become members of the Stage 2 volunteer sample at each demonstration site. We will obtain the informed consent of each sample member through a signed consent form, the "\$1 for \$2 Benefit Offset Demonstration Participant Agreement," which describes the demonstration, the process of random assignment, and the information requirements of the evaluation. As shown in Appendix K of this submission, this form also indicates to the applicant that participation is voluntary, and that agreeing to participate means that they give permission for researchers to access information about them from other sources.

#### A.10.2 Data Confidentiality Protections

We require the data we collect in the surveys for the BOND evaluation as well as the administrative data from the sites to evaluate the BOND demonstration. Mailings to potential respondents and all in-person introductions will include assurances that participation is voluntary, that all information will remain confidential to the extent allowed by law, and that the respondents' information will only be reported in aggregate form. Interviewers will inform all participants that Abt Associates will ultimately report the data they provide to SSA.

We will include an assurance of confidentiality in the Stage 2 informed consent document (see Appendix K). We will reiterate this assurance of confidentiality to all respondents in the introduction to each of the Stage 2 surveys. We will not require Stage 1 sample members to give their consent to participate in BOND. However, all survey participants are entitled to know that their participation in the survey is voluntary. The introduction to the Stage 1 survey includes the same assurance of confidentiality as the Stage 2 surveys. Specifically, the assurance of confidentiality explains to the Stage 1 sample that their participation is voluntary; it describes the potentials risks and benefits of participating in the surveys; and defines the users of the survey data. All members of the Abt team, including telephone and field interviewers sign a pledge of confidentiality as a condition of employment. Survey data responses and identifying information will reside in separate data files; we will make linking possible by a common identification number. For both survey data and corresponding administrative data on sample members, passwords known only to project staff members that require access to these files will help maintain computer security.

## A.10.3 Data Storage and Handling of Survey Data

The Systems Security Plan developed for this demonstration governs all data we collect under this demonstration. The Abt Associates team developed this plan in compliance with SSA's guidelines. Computer assisted interviewing technology will ensure data security and enhance data quality for all of, the survey data collection efforts. Computer assisted technology provides centralized control of Web, CATI and CAPI data collection efforts. It allows the centralized distribution of Web and CAPI via the internet and CATI via the intranet of new and updated surveys. It also permits centralized sample management and case distribution. The CATI/CAPI systems encrypt the data, store it with password protection, and restrict access to unauthorized users.

## **A.11 Justification for Sensitive Questions**

The baseline and follow-up surveys include questions about household income and other financial circumstances that we do not deem sensitive. The surveys do not ask about spending on personal items

that some participants may feel is private or sensitive. The interviews do include questions about physical and emotional health, items we sometimes consider sensitive. We need these confidential items to evaluate the effects of the BOND demonstration. Strict security policies will protect all data, and researchers will use the data only for the purposes of the study. To encourage candid responses, interviewers will remind respondents that their responses will remain confidential.

The key informant interviews do not contain any sensitive questions.

## A.12 Estimates of Public Reporting Burden

The survey data collection for the BOND evaluation will consist of four components we will implement beginning in early 2011.

Exhibit A5 shows the total estimated respondent burden for the baseline, interim, and Stage 1 and Stage 2 follow-up interviews. It shows the average time, in hours, estimated to take demonstration participants to complete each of the interviews. Using the average times, the total burden of BOND data collection from survey respondents is 30,995 hours over a period of 72 months during 2011-2018. This figure represents burden hours, and we did not calculate a separate cost burden.

Exhibit A5. Estimated Respondent Burden Hours

Form	Number of Respondents	Frequency	Number of Responses	Average Time to Complete In Minutes	Total Burden (hours)
Participation Agreement	12,600	1	12,600	20	4,200
Baseline Survey	12,600	1	12,600	41	8,610
Interim Survey*	10,080	1	10,080	29	4,872
Stage 1 36-month survey*	8,000	1	8,000	49	6,533
Stage 2 36-month survey*	10,080	1	10,080	60	10,080
Enhanced Work Incentives Assessment	3,000	1	3,000	35	1,750
Key Informant Interviews	100	7	700	60	700
Stage 2 Participant Focus Groups	600	1	600	90	900
TOTAL Burden Hours	57,060		57,660		37,645

<sup>\*</sup>We used a target response rate of 80 percent to calculate the number of respondents and total burden estimates.

Exhibit A5 also shows the estimate of burden hours on the key informant interview respondents. It shows the time, in hours, that we estimate site operations staff and local service provider staff will require to complete each of the interviews. The total burden of BOND data collection from these staff is 700 hours over a period of 84 months during 2010-2017.

The estimated total respondent burden for all components of the study is 37,645 hours over a period of 84 months during 2011-2017.

## A.13 Annual Cost to the Respondents (Other)

This data collection effort involves no recordkeeping or reporting costs for respondents other than those described in item A.12 above. There is no known cost burden to the respondents.

## A.14 Annual Cost to Federal Government

Exhibit A6 shows the estimated costs to the Federal Government for the BOND participant survey and key informant interview data collection activities.

Exhibit A6. Estimated Costs to the Federal Government

Year	Participant Surveys	Key Informant Interviews	Total
Year 1	\$398,326		\$398,326
Year 2	\$2,013,578	\$508,658	\$2,522,236
Year 3	\$3,569,127	\$671,757	\$4,240,884
Year 4	\$1,798,106	\$412,074	\$2,210,180
Year 5	\$3,827,336	\$275,903	\$4,103,239
Year 6	\$1,994,839	\$433,552	\$2,428,391
Year 7	\$1,830,578		\$1,830,578
Total Cost to the Federal Government	\$15,431,890	\$2,301,944	\$17,733,834

# **A.15 Program Changes or Adjustments to the Information Collection Request**

This information collection is for new surveys that increase the public reporting burden. See A12 for the burden figures.

## A.16 Plans for Publication Information Collection Results

The evaluation contractor, Abt Associates Inc., and its subcontractors will analyze, tabulate, and report the data collected for the BOND evaluation to SSA.

## A.16.1 Time Schedule for Analysis and Reporting

The expected period of survey data collection from BOND participants is from early 2011 to late 2015—beginning with the baseline survey and ending with the final follow-up interviews. The contractor will clean the survey data set on a rolling basis. We will carry out the analysis of these data in the following months, with production of major reports from the outcome surveys in March 2014 (Stage 2 Interim Survey), December 2015 (Stage 1 36-month survey), and June 2016 (Stage 2 36-month survey), and a final report on the BOND evaluation completed in October 2017. The survey data collection and reporting schedule breaks down as follows:

Data Collection: 5 years beginning in early 2011 through December 2015

Data Analysis: 6 years beginning in early 2012 through June 2017

Final Report: October 2017

This remainder of this section describes the basic analytic framework for the evaluation.

## A.16.2 Analytic Techniques, Tabulations, and Reporting

Researchers will estimate the demonstration impacts by comparing the mean outcomes of all sample members assigned to a given treatment (or combination of treatments) with the mean outcomes of all sample members assigned to the appropriate current law control group(s). This approach yields an estimate of the "intent to treat" (ITT) impact—the average impact on the entire group randomly assigned to treatment, whether or not they availed themselves of the treatment. To improve precision, we will complement these simple differences with regressions that control for observed characteristics at baseline, should those by chance differ between the treatment and control groups. To obtain the impact on those who actually make use of the enhanced work incentives counseling and work above SGA and benefit from the offset (the groups of most interest to policy considerations), we will adjust the ITT estimate, using the adjustment developed by Bloom (1984).<sup>7</sup> This produces the "treatment on the treated" (TOT) impact—the average impact on members of the treatment group who use actually the treatment.<sup>8</sup> Both ITT and TOT (treatment on treated) comparisons are appropriate in some analyses, such as testing the impact of enhanced work incentives counseling on benefits or earnings, or testing the impact of the benefit offset on benefits. In other cases—such as impacts of the benefit offset on earnings—only ITT

<sup>&</sup>lt;sup>6</sup> This schedule is subject to revision depending upon SSA's schedule for implementing the demonstration.

Bloom, Howard S. 1984. "Accounting for No-Shows in Experimental Evaluation Designs," *Evaluation Review* 8 (April): 225-246.

As explained in Bloom (1984), calculation of the TOT estimate requires the assumption that assignment to the treatment group has no effect on beneficiaries who do not use the treatment (i.e., do not participate in enhanced work incentives counseling or work above SGA).

A third impact concept—average impact on the "per protocol" population—was considered and rejected because its estimation requires too great a departure from the experimental design of the demonstration. The "per protocol" population consists of correctly randomized treatment group members, who received the full correct treatment, and completed the study as designed in terms of providing all desired outcome data. This subpopulation could be identified in the treatment group, but (since its definition hinges on receipt of the full treatment) not in the control group. Moreover, the broader subpopulation of all treatment "users" seems most relevant to policy, since different kinds of full and partial "users" are bound to arise should we roll out the BOND interventions as national policy.

comparisons are appropriate, since the assumption of no effect on those whose earnings never trigger the offset is not plausible: other beneficiaries in the offset treatment group could be working and earning more because of the demonstration.

In each of the project deliverables that present the demonstration impacts, we will make use of standardized table shells for presenting the impact results. Section B2.2.2 includes samples of these table shells.

## A.17 Displaying the OMB Approval Expiration Date

All data collection instruments created for the BOND evaluation will display prominently the expiration date for OMB approval.

## **A.18 Exceptions to Certification Statement**

SSA is not requesting an exception to the certification requirements at 5 *CFR* 1320.9 and related provisions at 5 *CFR* 1320.8(b) (3).