

## **Attachment L**

**QFT Sample Design\_Updated**

# SAMPLE DESIGN

## Selection of State Sampling Regions and Segments

The National Survey on Drug Use and Health (NSDUH) sample design is a multi-stage area probability sample. At the second stage of selection, area segments are formed so that they contain sufficient numbers of dwelling units to support one field test and two annual survey samples. This allows for any special supplemental sample or field test that SAMHSA may wish to conduct within the segments used for the main study.

An estimated 213 segments will be needed to yield approximately 2,000 completed interviews for the Questionnaire Field Test (QFT). First, a sample of state sampling regions will be selected. To achieve national representation of the English-speaking population, a probability proportional to size (PPS) sample of 213 (out of 876<sup>1</sup>) state sampling regions will be selected. This design will maximize the efficiency (i.e., increase precision) of the QFT estimates by reducing variation in the weights. In addition, this design has the benefit of placing the sample in heavily populated areas where a sufficient mix of field interviewers (FIs) with various experience levels would be available to meet the QFT staffing needs.

Within each selected state sampling region, a sample of dwelling units will be drawn from the segment to be retired from use in Quarter 1 of the 2012 NSDUH. If an insufficient number of eligible dwelling units remains in any segment, this segment will be replaced with the Quarter 4, 2011 retired segment in the same state sampling region.

## Selection of Dwelling Units

Dwelling units that were not selected for the 2010, 2011 and 2012 main studies will be eligible for selection in the field test. A sufficient number of dwelling units will be drawn to account for the lower sample yield resulting from conducting interviews in English only. After accounting for eligibility, nonresponse, and the person-level sample selection procedures, it is estimated that approximately 4,552 dwelling units will need to be selected in order to yield 2,000 completed interviews for the field test as shown in **Table 1**. The 2010 NSDUH experience, adjusted for the planned QFT age distribution, was used to estimate the number of dwelling units needed.

Similar to the main study, a small reserve sample of dwelling units from each segment will be selected and the total sample will be partitioned into equal probability subsamples. While the majority of the sample will be released at the beginning of the QFT data collection period, having the additional sample and sample partitions will allow for greater flexibility in controlling the sample size. Using this procedure will ensure data collection goals are attained within the field period.

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<sup>1</sup> The annual NSDUH sample is selected from 900 state sampling regions. However, Alaska and Hawaii will be excluded from the QFT. Thus, the QFT sampling frame consists of 876 state sampling regions in the contiguous U.S.

**Table 1. Summary of the Questionnaire Field Test Sample Design**

<b>Statistic</b>	<b>Total</b>	<b>Expected Rate</b>
SS Regions	213	
Segments	213	
Selected Dwelling Units	4,552	
Expected Eligible Dwelling Units	3,751	0.82
Expected Completed Screening Interviews	3,338	0.89
Expected Selected Persons	2,637	
Expected Eligible Persons (English-Speaking)	2,532	0.96
Expected Completed Interviews	2,000	0.79

### **Selection of Persons**

The respondent sample will be allocated to the three major age groups in the following proportions: 25 percent aged 12 to 17, 25 percent aged 18 to 25, and 50 percent aged 26 or older. This sample allocation will match the planned allocation for the 2015 NSDUH partial redesign. One implication of the respondent sample allocation by age groups is a potential impact on QFT response rates. Retaining more of the 26 or older adults identified in households to complete interviews could have a negative effect on interview response rates. Specifically, respondents age 50 and older have shown lower propensities to participate than other age groups in the NSDUH sample. On the other hand, while a smaller proportion of 12 to 17 year olds will be selected, this age group will continue to drive the number of dwelling units needed (that is, the age group will continue to be sampled at the highest rate). Thus, fewer dwelling units will be needed to yield the desired sample than would be needed under the current sample design.

After dwelling units are selected within each QFT segment, an interviewer will visit each selected dwelling unit to obtain a roster of all persons residing in the dwelling unit. This roster information will be used to select 0, 1, or 2 persons for the survey. Sampling rates will be pre-set by segment and age group. Roster information will be entered directly into the electronic screening instrument which will automatically implement this stage of selection based on the segment and age group sampling parameters.

As illustrated in **Table 1**, roughly 2,637 people will be selected from within 3,338 screened and eligible dwelling units. Assuming a 96% eligibility rate (English-Speaking), a 79% interview completion rate and an 89% screening completion rate, these sample sizes are sufficient to obtain the desired 2,000 person respondents.

**Attachment M**

**QFT Interview Incentive Receipt**

# Interview Incentive Receipt

U.S. Department of Health and Human Services

and

RTI International

**thank you for participating in the 2012 National Survey on Drug Use and Health.**

In appreciation of your participation in this important study, you are eligible to receive \$30 in cash.

Since maintaining the confidentiality of your information is important to us, your name will not be entered on this form. However, the interviewer must sign and date this form to certify you received (or declined) the cash incentive.

_____ Interviewer	_____ Date	_____ Case ID
<input type="checkbox"/> Accepted Cash Incentive		<input type="checkbox"/> Declined Cash Incentive

If you ever feel that you need to talk to someone about mental health issues, you can call the National Lifeline Network. Counselors are available to talk at any time of the day or night and they can give you information about services in your area.

1-800-273-TALK or 1-800-273-8255

1-888-628-9454 (Spanish)

<http://suicidepreventionlifeline.org/>

If you ever feel that you need to talk to someone about drug use issues, you can call the Substance Abuse and Mental Health Services Administration's Treatment Referral Helpline. This is a 24-hour service that will help you locate treatment options near you.

1-800-662-HELP or 1-800-662-4357

1-800-487-4889 (TDD)

<http://findtreatment.samhsa.gov>

Disposition: Top copy to Respondent, yellow to Field Supervisor, pink to Field Interviewer.

v. QFT 9.12

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v. QFT 9.12

**Attachment N**

**QFT Certificate of Participation**



# Certificate of Participation

*The U.S. Department of Health and Human Services and RTI International would like to thank*

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[Participant's Signature]

*for participating in the* **National Survey on Drug Use and Health**

*on*

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[Date of Interview]

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Field Interviewer

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FI ID #

*Ilona S. Johnson*

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Ilona S. Johnson,  
National Field Director  
RTI International  
3040 Cornwallis Road  
Research Triangle Park, NC 27709



*This document certifies that the above named individual participated in NSDUH, a voluntary survey for the U.S. Department of Health and Human Services. Across the country, some participants approach their school teachers or other group leaders to ask about possible special community service credit as they completed this important national survey. The time commitment for participation in this survey is between 1 and 2 hours. A copy of the NSDUH brochure, which explains the study in more detail, should accompany this certificate. If you need further information, contact the National Field Director, Ilona Johnson, at (800) 848-4079.*