

**APPENDIX A:**  
**Study Methodology**

**2009 NEW JERSEY  
SURVEY ON DRUG USE AND HEALTH**

**STUDY METHODOLOGY**

**I. INTRODUCTION**

The New Jersey Department of Health and Senior Services, Division of Addiction Services (DAS) utilized the National Survey on Drug Use and Health previously developed by the Substance Abuse and Mental Health Services Administration (SAMHSA) and administered the survey to a telephone sample of New Jersey residents. DAS contracted with Abt/SRBI Inc. in New York, New York to conduct the survey by telephone and with the Bloustein Center for Survey Research (BCSR) at Rutgers University to prepare findings from the survey. The main objective of the survey is to assess the levels of substance use and abuse and the need for treatment services in New Jersey as well as identify desired treatment services.

The main objectives for the 2009 telephone household survey include:

1. Assess the level of use of alcohol, tobacco and other drugs, and estimate the need and demand for treatment services among the household population in New Jersey.
2. Study correlates of substance use, abuse or dependence to help planners and policy makers make informed decisions regarding future interventions.
3. Compare 2009 study findings with those of the 2003 and 1998 household surveys.
4. Create county estimates of substance use and dependence in addition to statewide estimates.
5. Assess barriers to accessing treatment services in the state.
6. Assess substance abuse treatment needs of U.S. military veterans residing in New Jersey, with special consideration of those returning from Iraq and Afghanistan.

**II. QUESTIONNAIRE DEVELOPMENT AND ADMINISTRATION**

The questionnaire was initially developed by the National Technical Center in the late 1990's and is a DSM-IV based substance dependence needs assessment. DAS revised the questionnaire for administration in 1998 and added other items of interest to state health planners. The survey was again administered in 2003 in New Jersey and that questionnaire served as a draft for the 2009 administration. Refinements of this draft were made after a pre-test and consultation between DAS, BCSR and Abt/SRBI.

The draft questionnaire was pre-tested with 25 random residents on September 30, 2008. The original questionnaire interview length averaged 17 minutes. Minor modifications to the

survey instrument were made to decrease the average length to about 15-16 minutes. The final version of the survey instrument is included in Appendix C.

Telephone interviews were conducted by professional interviewers at Abt/SRBI. The final questionnaire was programmed into a CATI (Computer Assisted Telephone Interviewing) system which interviewers used to conduct the phone survey. The CATI system used by Abt/SRBI is known as QUANCEPT which provides for quality control and for direct entry into a computer database. The system facilitates the loops, rotations, randomization, and complex skip patterns found in this survey instrument. This means that the interviewer does not have to keep track of substance use referenced in future questions. The programming was extensively checked and all logical errors were corrected. BCSR staff monitored interviews during the initial pre-test while Abt/SRBI staff monitored interviews for the duration of the project. A Spanish version of the questionnaire was also provided to Abt/SRBI by BCSR.

The BCSR co-principal investigator and the NJ DAS co-principal investigator were responsible for informing Abt/SRBI staff of all necessary training information. A training was held at the outset of the study with the co-principal investigators and representatives from Abt/SRBI. The session included a briefing on the purpose of the survey, instructions on each item in the instrument, training on the CATI interviewing system, and a series of monitored practice interviews. In addition, interviewers were given detailed instructions on methods to convert refusals. Abt/SRBI later conducted a comprehensive training session for all interviewers and interviewing supervisors working on the survey. All interviewers working on the project over the course of the study received similar training before administering the survey by phone.

### **III. SAMPLE SELECTION**

The population under study was New Jersey adult residents (18 years old or above) who reside in households and have working telephone numbers in their residential homes. Since DAS was interested in making estimates for each county, the final sample was stratified by county to select 675 adult residents in each of New Jersey's 21 counties. In addition to the RDD landline sample, the decision was made to supplement the landline sample with a sample of households that rely on cell phones as their only phone because of the growing number of homes which fall into this category. A preliminary CDC report through their National Health Interview Survey confirms that 20.2% of homes in the country are now reliant solely on cell phones and have no landline.<sup>1</sup> Because of the cost of cell phone interviews, the sample was limited to 501 statewide. Those 501 were randomly selected and then allocated to each county based on respondent self-report in the interview. Cell phone respondents were screened so only those respondents who had no landline in their household were eligible. A \$20 incentive was offered to cell phone participants who completed the survey.

Abt/SRBI performed the sample selection for the study. Utilizing most recent telephone exchange information for the state, Abt/SRBI selected a random probability sample of exchanges that covered the state in proportion to the geographic sampling strata quotas. The first step was

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<sup>1</sup> "Wireless Substitution: Early Release of Estimates From the National Health Interview Survey, July-December 2008" by Stephen J. Blumberg, Ph.D., and Julian V. Luke Division of Health Interview Statistics, National Center for Health Statistics

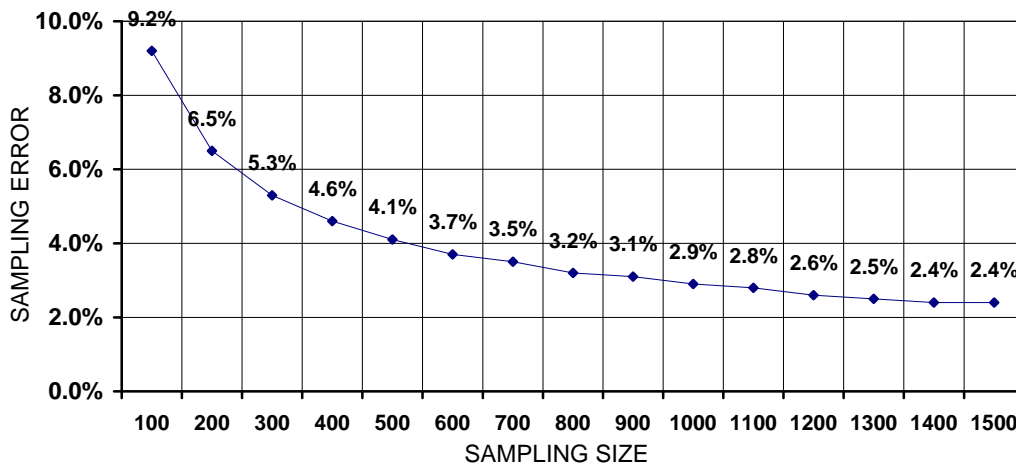
to develop a full listing of telephone exchanges and assign them to the county where the largest proportion of phone numbers in that exchange are located. Then an estimated dialing sample was selected. The last four digits of each sampled telephone number were randomly computer-generated, thus giving listed, un-listed, and new numbers equal chances of being selected. The sample was then pre-dialed by computer to eliminate numbers that are not in service.

Each working phone number was called a minimum of 15 times at different times of the week in an effort to reach people who were infrequently home. In addition, interviews were conducted with the member of each selected household who had the most recent birthday to make sure that each adult member within household had a random chance of being chosen. These screening questions are included in the survey instrument appended to this report.

The percentages obtained in a sample survey are estimates of what the distribution of responses would be if the entire population had been surveyed. "Sampling error" is a social science term which describes the probable difference between interviewing everyone in a given population and a sample drawn from that population. The overall sampling error associated with a statewide sample of 14,678 persons, for example, is  $\pm 0.8$  percent at a 95 percent confidence interval. Thus, if 47 percent of those in such a sample are found to report a particular behavior, the percentage of people in the population from which the sample is drawn would be between 46.2 percent and 47.8 percent (47 percent  $\pm 0.8\%$ ) 95 times out of 100.

Sampling error increases as the effective sample size is reduced. For example, if statements are made based on a sample size of 400 persons, the sampling error is  $\pm 5.0$  percent. This fact must be kept in mind when comparing the responses of different groups within the sample, e.g. women compared to men. While it is perfectly acceptable in survey research to report the overall margin of sampling error, it technically should be calculated based on bi-variate responses to each individual question in a survey. The margin of sampling error is calculated by multiplying the constant associated with the desired confidence level (usually 1.96 for a 95% confidence interval) by the standard error estimate for each item.

**FIGURE A-1  
MARGIN OF SAMPLING ERROR**



Readers should note that sampling error does not take into account other possible sources of error inherent in any study of public opinion, particularly when estimates are based on self-reports of “socially undesirable” behaviors.

#### **IV. FIELD PROCEDURES AND DATA COLLECTION**

The study involved CATI interviews with a random probability sample of 14,678 New Jersey residents 18 years old and older. The completed interviews consisted of 14,177 by landline and 501 by cell phone. The CATI interviews were conducted from October 9, 2008 to April 30, 2009. Interviews were conducted in the evenings Monday through Friday and all day Saturday and Sunday. Interviewers were monitored at least twice per shift by line supervisors at Abt/SRBI. Approximately 15% of all interviews were monitored at least in part.

Sample disposition reports were generated on a weekly basis and reviewed by BCSR and DAS to track progress. County quotas were tracked in order to minimize the amount of new sample allocated to each county. Because telephone exchanges do not perfectly correlate with county boundaries, it was determined that residents would be assigned to their county by their self-report of county, town or zip code information rather than the telephone exchange identification.

Interviews were conducted in Spanish with 642 residents, or 4.4 percent of those interviewed.

Table A-1 indicates responses to questions in the J section which ask the interviewer to rate the quality of the interview. Overall, 87 percent of interviews were rated as excellent by the interviewer meaning that there were no problems at all during the interview process. Of the remaining interviews, 10% were rated as good (few problems), 3% were rated as fair (a number of problems, but acceptable overall), and 1% were rated as poor or inadequate (many problems and the overall quality was open to question).

For any interviews that were not rated as excellent, the interviewer was instructed to record one or more reasons why such a rating was recorded. Most respondents received a rating other than ‘excellent’ because the interviewer felt they did not understand some questions in the interview (44%). About one in ten respondents received a rating other than ‘excellent’ because interviewers felt the respondent was rushed during the interview (13%), the interview was not in the respondent’s native language (11%), there were too many interruptions or distractions (10%), the respondent had hearing problems (9%), the respondent did not appear to take the interview seriously (8%), or the respondent was offended by certain questions (8%). Other less frequent reasons recorded by interviewers for the interview not rating as ‘excellent’ included the following: the respondent appeared sick, old or weak (7%), there was a poor phone connection (3%), someone else was listening in and the respondent did not appear truthful (2%), or the respondent seemed intoxicated (1%). Another 10% of reasons for less than ‘excellent’ interview quality were classified as something else.

**Table A-1: Interview Quality**

<i>Quality of information from interview*</i> (n=14678)		<i>Reasons quality of information was less than “excellent”*</i> (n=1789)			
Excellent	87%	did not understand questions	44%	offended by questions	8
Good	10	respondent rushed	13	respondent sick, old, weak	7
Fair	3	interview not in native language	11	poor phone connection	3
Poor/Inadequate	1	interruptions and distractions	10	Not truthful, someone else listening in	2
*quality of interview as determined and recorded by interviewer		hearing problems	9	respondent seemed intoxicated	1
		did not take seriously	8	other	10

**V. STUDY EXPERIMENTS ON IMPROVING RESPONSE RATES**

While BCSR and Abt/SRBI have worked to maximize telephone response rates in the past, BCSR and DAS instructed Abt/SRBI to conduct the following two experiments for the project in order to test for further possible improvements on response rates for this survey.

■ ***50 Call Back Experiment***

The first experiment attempts to determine the proportion of certain cases of unknown eligibility (live-non-contact, no answer) and certain non-contacts (live-not screened) that have valid residential phone numbers. In past household surveys where a large sample of phone numbers are selected for the sample, many numbers are ultimately classified as having unknown eligibility status because no contact is ever made in the first 15 call attempts. This outcome impacts the final response rate calculation because these numbers are counted as “eligible” numbers when more extensive calling may determine that those numbers should be excluded from the sample.

In order to accomplish the objective of this experiment, Abt/SRBI took all records that went through the 15 call attempts as per the study protocol without resulting in a contact with a live voice. These 15 calls represent dialing the sample records at different times during day and evening over a period. A random sample of 400 records was drawn from these records. Abt/SRBI then made up to 50 additional call attempts on this sample over a period of four to six weeks during different times of days and night in order to generate a household contact. Abt/SRBI attempted to complete an interview with all sample records resulting in a successful household contact.

The sampling methodology used in this experiment was as follows (Table A-2):

1. All sample records that did not result in a household contact from the start of the field period (October 9, 2008) through February 12, 2009 were included in the sample selection pool.
2. The following disposition categories were included in this experiment:
  - a. Live, Non Contacts – Over Max (15 attempts): All call attempts resulted in Busy or No Answer.
  - b. No Answer All Attempts – Over Max (15 attempts): All call attempts resulted in No Answer.
  - c. Live, Not Screened - Over Max (15 attempts): All call attempts resulted in Answering Machine or Call Blocking Callback.
3. Abt/SRBI randomly selected a sample of 400 records from the sample pool. These records were independently drawn within each of the above category to represent the proportion of each category in the sample pool. These proportions and amount of sample drawn from each category are shown in Table A-2.

**Table A-2: 50 Call Back Experiment**

Phone Disposition Category	# of Cases	% of all Cases	Projected Sample for Experiment
Live Non Contacts - Over Max 15 attempts (All call attempts resulted in Busy or No Answer)	3,832	23.3%	93
No Answer All Attempts - Over Max 15 attempts (All call attempts resulted in No Answer)	8,779	53.5%	214
Live Not Screened - Over Max 15 attempts (All call attempts resulted in Answering Machine or Call Blocking Callback)	3,812	23.2%	93
	<b>16,423</b>	<b>100%</b>	<b>400</b>

4. Abt/SRBI made up to 50 additional attempts on these 400 records during different times of day over a period of four to six weeks.

The results of the 50 Call Back experiment appear in Table A-3. The table indicates the total results for the experiment as well as the results for each disposition category used in the experiment. Overall, the response rate for the 400 numbers in the experiment was 5%. This rate

was higher among the numbers classified as “live, not screened” (10%) and lower in the “no answer” (7%) and “live, non-contact” (0%) groups.

**Table A-3: 50 Call Back Experiment Results**

Category	Telephone Number Status	Total	Live, non-contact	No Answer	Live, not screened
I	COMPLETED INTERVIEW	11	0	4	7
R	REFUSALS - SUM: Known eligible respondent refusal (qualified refusal) and Interview terminated/break-off (qualified callbacks)	0	0	0	0
NC	NON-CONTACT - SUM: Respondent never available (away for duration); Live, not screened and Household answering machine	35	5	2	28
O	OTHER NON-INTERVIEW: Inability to communicate (hearing problems; health problems) and Language barrier (not English or Spanish)	1	0	0	1
UH	UNKNOWN IF HOUSING UNIT: Busy; Live, non-contact; Poor line quality; Call blocking; and Always no answer	250	60	178	12
UO	HOUSING UNIT/UNKNOWN IF ELIGIBLE RESPONDENT: Refused, not screened and Callback, not screened	46	10	7	29
NE	NOT ELIGIBLE: Fax/data line; Non-resident/business/ government; Child/Teen Phone; Quota filled; Cell Phone; and No eligible respondent	33	8	16	9
NW	NOT WORKING: Temporary Line problems and Not in service/disconnected	24	10	7	7
	<b>TOTAL NUMBERS DIALED</b>	400	93	214	93
AAPOR FORMULAS					
	<i>e</i> =Estimated proportion of cases of unknown eligibility that are eligible $(I+R+NC+O)/(I+R+NC+O+NE)$	0.588	0.385	0.273	0.800
Response Rate	= $(I)/((I+R+NC+O)+e(UH+UO))$	0.050	0.000	0.071	0.101
Cooperation Rate	= $(I)/(I+R)$	1.000	0.000	1.000	1.000
Refusal Rate	= $R/((I+R+NC+O)+e(UH+UO))$	0.000	0.000	0.000	0.000
Contact Rate	= $(I+R+O)/((I+R+NC+O)+e(UH+UO))$	0.054	0.000	0.071	0.116



In Table A-4, the final phone disposition status of the numbers entered into the Call Back Experiment are grouped into whether the phone number is actually a good number – a phone number that yields a contact with an individual who may or may not be eligible for the study; or a bad number – a phone number that, even after 65 attempts, yields no contact or contact with a household having no eligible member.

Of all the 400 numbers, 92 numbers yielded a result which could be classified as a good number (23%) while only 3% produced a completed interview. Those in the “live, not screened” group were most likely to yield a good phone number (69%) and a completed interview (8%). However, from the experiment, we can determine that while a majority of numbers in this group is a working number, even an enormous effort of 65 phone calls will only lead to completions with 8% of the numbers dialed and response rate of 10%.

**Table A-4: 50 Call Back Experiment Results**

Category	Telephone Number Status	Total	Live, non-contact	No Answer	Live, not screened
Bad Number	Live, non-contact	68	43	14	11
	Not in service/disconnected	22	8	7	7
	Fax/data line	1	1	0	0
	Non-resident/business/government	31	6	16	9
	Still no answer, all attempts	182	17	164	1
	Call blocking	0	0	0	0
	Other bad number: child/teen line; cell phone; no eligible respondent; temporary line problems; language barrier; inability to communicate (hearing or health problems)	4	3	0	1
	<b>TOTAL BAD NUMBERS</b>	<b>308</b>	<b>78</b>	<b>201</b>	<b>29</b>
Good Number	Completed Interviews	11	0	4	7
	Callback, not screened	35	9	7	19
	Refusal, not screened	11	1	0	10
	Live, not screened	32	4	2	26
	Other good number: busy; household answer machine; respondent away for duration; interview terminated/break-off; known eligible respondent refusal	3	1	0	2
	<b>TOTAL GOOD NUMBERS</b>	<b>92</b>	<b>15</b>	<b>13</b>	<b>64</b>
<b>TOTAL NUMBERS IN EXPERIMENT</b>		<b>400</b>	<b>93</b>	<b>214</b>	<b>93</b>
<b>POSITIVE CONTACTS: (Good Numbers/Total Numbers)</b>		<b>23%</b>	<b>16%</b>	<b>6%</b>	<b>69%</b>

The case is even less promising among the other two groups in the experiment. Only about 1-in-6 phone numbers are classified as good numbers for those in the “live, non-contact” group (16%) and even fewer in the “no answer” group (6%). In addition, completions were only obtained for 2% in the “no answer group” and 0% for the “live, non-contact” group and the response rates were 7% and 0% respectively. Therefore, not only are a large majority of these phone numbers unusable, determining those that are usable yields a very small number of completed interviews even after an exhaustive and expensive effort of 65 phone attempts.

■ ***Refusal Conversion Experiment***

The second experiment involved conducting refusal conversion interviews among households in which an adult household member had refused to participate in the survey during the initial contact. Since the interview is lengthy by phone standards and deals with a sensitive topic of substance use, DAS was interested in determining whether the provision of incentives would help decrease the number of refusals and thereby increase the response rates. The objective of the experiment was to convert as many refusals into completed interviews as possible and to measure the impact of different incentive treatments on respondent cooperation. This experiment began on January 26, 2009 and concluded on February 8, 2009.

The following sampling methodology was used for the experiment:

1. A random sample of 1,000 respondents classified with the sample disposition of “soft refusal” during initial contact were selected from the sample selection pool for the refusal conversion effort.
2. Respondents were pre-assigned at random to one of following three treatment groups for the experiment (Table A-5):
  - a. No Incentive – 33% of respondents
  - b. \$10 Incentive – 34% of respondents
  - c. \$25 Incentive – 33% of respondents

**Table A-5: Refusal Conversion Experiment (after two weeks)**

<b>Category</b>	<b># of Cases</b>	<b>% of Cases</b>	<b>Response Rate</b> (after 2 weeks)
No Incentive	330	33%	21.8%
\$10 Incentive	340	34%	26.6%
\$25 Incentive	330	33%	23.3%
	<b>1,000</b>	<b>100%</b>	<b>1,000</b>

3. Abt/SRBI made up to 15 attempts to re-contact these 1,000 records during different times of day and on weekends over a period of two weeks. If the respondent refused again upon re-contact, sample record was treated as “hard refusal” and terminated from further dialing.

Based on the results of the first two weeks of this experiment, respondents offered \$10 (26.6%) were more likely than those offered \$25 (23.3%) or not offered anything (21.8%) to respond to the survey. Hence, the decision was made to offer all future respondents classified as “soft refusals” a \$10 incentive in an attempt to convert them to a completed interview.

The final results of all refusal conversion efforts are shown in Table A-6. While Table A-5 indicated the \$10 incentive converted the greatest number of ‘soft’ refusals within a two week period, this was not the case once all refusal conversion attempts were completed with this sample of 1,000 refusals. Whether respondents were offered no incentive, \$10 or \$25 did not seem to make any difference with regard to response rates. About 1-in-7 respondents who initially refused to complete the interview completed the interview during a follow-up attempt. This rate was nearly identical for all three groups – 20.1% for the no incentive group; 18.3% for those who were offered \$10; and 20.0% for those who were offered \$25. The cooperation rate was almost identical for those offered a \$25 incentive (98.3%) than those offered no incentive (98.1%). Since all three groups were randomly assigned, it is not surprising that the contact rate was virtually identical in the three groups. Therefore, the response rates for each of the groups is not being affected by any quality that would make one group more difficult to contact than another.

Table A-6 also indicates that once the \$10 incentive was applied to all future ‘soft’ refusals, the response rate for this group (17.9%) was very similar to the response rate of the initial \$10 incentive experimental group (18.3%). For the entire course of the study, a total of 11,219 ‘soft’ refusals were called resulting in 1,595 completed interviews.

**Table A-6: Refusal Conversion Experiment Results**

Category	Telephone Number Status	Experimental Groups (after all call attempts)			Application Phase
		No Incentive	\$10 Incentive	\$25 Incentive	\$10 Incentive
I	COMPLETED INTERVIEW	53	55	57	1430
R	REFUSALS - SUM: Known eligible respondent refusal (qualified refusal) and Interview terminated/break-off (qualified callbacks)	1	2	1	55
NC	NON-CONTACT - SUM: Respondent never available (away for duration); Live, not screened and Household answering machine	13	6	9	531
O	OTHER NON-INTERVIEW: Inability to communicate (hearing problems; health problems) and Language barrier (not English or Spanish)	4	4	3	173
UH	UNKNOWN IF HOUSING UNIT: Busy; Live, non-contact; Poor line quality; Call blocking; and Always no answer	4	4	5	208
UO	HOUSING UNIT/UNKNOWN IF ELIGIBLE RESPONDENT: Refused, not screened and Callback, not screened	232	254	237	7,074
NE	NOT ELIGIBLE: Fax/data line; Non-resident/business/ government; Child/Teen Phone; Quota filled; Cell Phone; and No eligible respondent	16	7	7	552
NW	NOT WORKING: Temporary Line problems and Not in service/disconnected	7	8	11	196
	<b>TOTAL NUMBERS DIALED</b>	330	340	330	10,219
<i>AAPOR FORMULAS</i>					
	<i>e=Estimated proportion of cases of unknown eligibility that are eligible (I+R+NC+O)/(I+R+NC+O+NE)</i>	0.816	0.905	0.909	.799
	Response Rate = $(I)/((I+R+NC+O)+e(UH+UO))$	0.201	0.183	0.200	.179
	Cooperation Rate = $(I)/(I+R)$	0.981	0.965	0.983	.963
	Refusal Rate = $R/((I+R+NC+O)+e(UH+UO))$	0.004	0.007	0.003	.007
	Contact Rate = $(I+R+O)/((I+R+NC+O)+e(UH+UO))$	0.220	0.203	0.214	.207

**VI. FINAL RESPONSE RATES**

Table A-7 breaks down the telephone disposition into various categories used in the response rate formula developed by the Council of American Survey Research Organizations (CASRO) and also used by the American Association of Public Opinion Research (AAPOR). In this table, the final disposition status for each record is categorized into one of eight possible outcomes – completed interview (I), refusal (R), non-contact (NC), other non-interview (O), unknown if housing unit (UH), unknown if eligible respondent (UO), non-eligible respondent (NE), and non-working number (NW).

**Table A-7: 2009 NJ Survey on Drug Use and Health - Landline Disposition**

Category	Telephone Number Status	Subcategory Total	Category Total
I	COMPLETED INTERVIEWS		14,177
R	Known eligible respondent refusal (qualified refusal)	511	
	Interview terminated/break-off (qualified callbacks)	215	
	REFUSALS – SUM		726
NC	Respondent never available (away for duration)	101	
	Household answering machine	433	
	Live, not screened	4425	
	NON-CONTACT: SUM		4,959
O	Inability to communicate (hearing problems; health problems)	493	
	Language barrier (not English or Spanish)	508	
	OTHER NON-INTERVIEW		1,001
UH	Busy	10	
	Live, non-contact	3,987	
	Poor line quality	0	
	Call blocking	24	
	Always no answer	11,620	
	UNKNOWN IF HOUSING UNIT		15,641
UO	Refused, not screened	13,281	
	Callback, not screened	6,381	
	HOUSING UNIT/UNKNOWN IF ELIGIBLE RESPONDENT		19,662
NE	Fax/data line	7,213	
	Non-resident/business/government	10,676	
	Child/Teen Phone	182	
	Quota filled	0	
	Cell Phone	185	
	No eligible respondent	353	
	NOT ELIGIBLE		18,609
NW	Temporary Line problems	871	
	Not in service/disconnected	60,678	
	NOT WORKING		61,549
	<b>TOTAL NUMBERS DIALED</b>		136,324

Table A-8 presents the formulas used to calculate the response rates for this survey. Overall, the survey yielded a *response rate* of 35.0 percent.

**Table A-8: AAPOR Response Rate Calculation - Landline**

<b>CASRO FORMULAS</b>	<i>w/ study e</i>	<i>w/ experiment results</i>
<i>e</i> =Estimated proportion of cases of unknown eligibility that are eligible $(I+R+NC+O)/(I+R+NC+O+NE)$	0.557	0.512
<b>Response Rate = <math>(I)/((I+R+NC+O)+e(UH+UO))</math></b>	<b>0.350</b>	<b>0.469</b>
Cooperation Rate = $(I)/(I+R)$	0.951	0.951
Refusal Rate = $R/((I+R+NC+O)+e(UH+UO))$	0.018	0.024
Contact Rate = $(I+R+O)/((I+R+NC+O)+e(UH+UO))$	0.392	0.526

Using the findings in the 50 Call Back Experiment, some adjustments can be made to the response rate calculation. The 50 Call Back Experiment took a sample of 400 numbers from approximately 19,000 numbers that were classified in either the “Unknown if Housing Unit” category (UH) or the Non-Contact (NC) category.<sup>2</sup> The contention is that if housing unit status can not be determined after 65 phone attempts, these numbers should be classified as non-working numbers and moved out of the denominator or reduced in the response rate calculations. Hence, the “live, not screened” category is reduced from 4425 to 3053 (69% are good numbers); the “live, non-contact” category is reduced from 3987 to 638 (16% are good numbers); and the “no answer” category is reduced from 11,620 to 697 (6% are good numbers). By using these findings in the new calculation, the response rate for the study improves from 35.0% to 46.9%.

Finally, the county response rates are shown in Table A-9. The counties with the highest response rates were Sussex (42%), Hunterdon (41%), Mercer (40%) and Somerset (40%) counties while the counties with the lowest response rates were Cape May (29%), Hudson (30%), and Burlington (32%) counties.

<sup>2</sup> In 2003, respondents in the “live, not screened” category were classified in the UH group. For 2009, they are now moved to the NC group which creates a somewhat more conservative response rate calculation when compared to 2003.

**Table A-9: RDD Landline County Response Rates**

Sample County	I	R	NC	O	UH	UO	NE	NW	<i>e</i>	Response Rate	Cooperation Rate	Refusal Rate	Contact Rate
Atlantic	682	28	294	51	796	932	906	2,901	0.538	0.344	0.961	0.014	0.383
Bergen	601	35	191	89	766	935	941	3,118	0.493	0.342	0.945	0.020	0.413
Burlington	638	34	289	71	812	985	944	2,704	0.522	0.324	0.949	0.017	0.377
Camden	645	35	195	29	622	696	760	2,808	0.543	0.398	0.948	0.022	0.438
Cape May	704	37	447	40	1,302	946	1,045	4,484	0.540	0.288	0.950	0.015	0.320
Cumberland	721	28	191	28	690	938	671	2,222	0.591	0.374	0.963	0.015	0.403
Essex	677	54	263	35	888	990	945	3,999	0.521	0.337	0.936	0.027	0.382
Gloucester	667	30	247	20	576	1,011	741	1,865	0.565	0.358	0.957	0.016	0.385
Hudson	723	37	256	118	1,127	1,264	1,041	4,651	0.521	0.304	0.951	0.016	0.369
Hunterdon	690	29	214	25	572	944	1,061	2,324	0.474	0.411	0.960	0.017	0.444
Mercer	743	45	202	62	758	894	1,126	3,090	0.483	0.402	0.943	0.024	0.459
Middlesex	547	27	127	52	573	711	719	2,672	0.511	0.388	0.953	0.019	0.444
Monmouth	657	35	229	43	601	863	942	2,872	0.506	0.385	0.949	0.021	0.431
Morris	444	15	185	61	687	657	749	2,444	0.485	0.327	0.967	0.011	0.383
Ocean	708	39	292	20	654	1,097	684	2,247	0.608	0.333	0.948	0.018	0.361
Passaic	778	49	244	94	876	1,099	976	4,032	0.544	0.347	0.941	0.022	0.411
Salem	662	31	186	23	550	820	567	2,142	0.614	0.380	0.955	0.018	0.411
Somerset	678	29	207	30	740	823	1,040	3,104	0.476	0.402	0.959	0.017	0.437
Sussex	730	29	205	22	511	906	852	2,263	0.536	0.418	0.962	0.017	0.447
Union	757	49	231	63	928	1,158	1,018	3,550	0.519	0.347	0.939	0.022	0.398
Warren	725	31	264	25	612	993	881	2,057	0.543	0.378	0.959	0.016	0.407
Total NJ	14,177	726	4,959	1,001	15,641	19,662	18,594	61,549	0.557	0.350	0.951	0.018	0.392

## VII. CELL PHONE RESPONSE RATES

Table A-10 breaks down the cell phone disposition into various categories used in the response rate formula. For this survey, the sample of 675 respondents per county obtained by using an RDD of landline numbers was supplemented by an additional sample of 501 statewide residents who used a cell phone as their ONLY household phone number.

**Table A-10: 2009 NJ Survey on Drug Use and Health - Cell Phone-ONLY Disposition**

Category	Telephone Number Status	Subcategory Total	Category Total
I	COMPLETED INTERVIEWS		501
R	Known eligible respondent refusal (qualified refusal)	25	
	Interview terminated/break-off (qualified callbacks)	15	
	REFUSALS - SUM		40
NC	Respondent never available (away for duration)	47	
	Household answering machine	55	
	Live, not screened	2235	
	NON-CONTACT: SUM		2,337
O	Inability to communicate (hearing problems; health problems)	55	
	Language barrier (not English or Spanish)	109	
	OTHER NON-INTERVIEW		164
UH	Busy	0	
	Live, non contact	337	
	Poor line quality	0	
	Call blocking	0	
	Always no answer	26	
	UNKNOWN IF HOUSING UNIT		363
UO	Refused, not screened	2,334	
	Callback, not screened	2,428	
	HOUSING UNIT/UNKNOWN IF ELIGIBLE RESPONDENT		4,762
NE	Fax/data line	0	
	Non-resident/business/government	477	
	Child/Teen Phone	252	
	Quota filled	0	
	Cell Phone	0	
	No eligible respondent	1546	
	NOT ELIGIBLE		2,275
NW	Temporary Line problems	231	
	Not in service/disconnected	4,632	
	NOT WORKING		4,863
	<b>TOTAL NUMBERS DIALED</b>		15,305



Table A-11 indicates the formulas used to calculate the response rates for the cell phone portion of the study. Overall, the cell phone supplement yielded a *response rate* of 8.4 percent.

**Table A-11: CASRO Response Rate Calculation - Cell Phone-ONLY**

<b>CASRO FORMULAS</b>	<i>w/ study e</i>
<i>e</i> =Estimated proportion of cases of unknown eligibility that are eligible $(I+R+NC+O)/(I+R+NC+O+NE)$	0.572
<b>Response Rate = <math>(I)/((I+R+NC+O)+e(UH+UO))</math></b>	<b>0.084</b>
Cooperation Rate = $(I)/(I+R)$	0.926
Refusal Rate = $R/((I+R+NC+O)+e(UH+UO))$	0.007
Contact Rate = $(I+R+O)/((I+R+NC+O)+e(UH+UO))$	0.118

The county response rates for the cell phone sample are shown in Table A-11. The counties with the highest response rates for the cell phone sample were Essex (13%), Ocean (12%), Camden (11%) and Burlington (11%) counties while the counties with the lowest response rates were Hunterdon (4%), Salem (4%), and Warren (5%) counties.

**Table A-12: Cell Phone County Response Rates**

Sample County	I	R	NC	O	UH	UO	NE	NW	<i>e</i>	Response Rate	Cooperation Rate	Refusal Rate	Contact Rate
Atlantic	18	2	79	8	15	168	70	119	0.605	0.083	0.900	0.009	0.128
Bergen	52	1	295	32	48	641	258	577	0.596	0.066	0.981	0.001	0.107
Burlington	23	2	78	8	12	149	71	125	0.610	0.110	0.920	0.010	0.158
Camden	53	4	183	6	28	357	162	524	0.603	0.111	0.930	0.008	0.132
Cape May	5	0	21	2	1	47	17	39	0.622	0.086	1.000	0.000	0.121
Cumberland	13	1	64	4	7	91	49	117	0.626	0.091	0.929	0.007	0.126
Essex	45	7	248	21	47	503	269	573	0.544	0.136	0.865	0.021	0.221
Gloucester	14	1	51	4	17	115	66	106	0.515	0.101	0.933	0.007	0.138
Hudson	23	1	93	10	12	235	99	163	0.562	0.086	0.958	0.004	0.128
Hunterdon	3	0	36	2	4	69	44	38	0.482	0.039	1.000	0.000	0.066
Mercer	18	1	110	8	13	196	88	223	0.613	0.068	0.947	0.004	0.102
Middlesex	50	7	218	12	21	493	240	665	0.545	0.088	0.877	0.012	0.122
Monmouth	36	3	178	11	30	417	189	256	0.547	0.076	0.923	0.006	0.106
Morris	31	2	194	8	43	331	154	361	0.604	0.060	0.939	0.004	0.079
Ocean	32	1	101	1	15	223	103	190	0.567	0.119	0.970	0.004	0.126
Passaic	18	2	70	4	6	151	89	193	0.514	0.103	0.900	0.011	0.137
Salem	1	0	10	0	2	17	6	18	0.647	0.043	1.000	0.000	0.043
Somerset	13	0	85	6	10	109	77	93	0.575	0.076	1.000	0.000	0.110
Sussex	7	2	40	3	5	86	54	36	0.491	0.072	0.778	0.021	0.124
Union	44	2	166	14	24	333	157	399	0.590	0.101	0.957	0.005	0.137
Warren	2	1	17	0	3	31	13	48	0.606	0.049	0.667	0.024	0.073
Total NJ	501	40	2337	164	363	4,762	2,275	4,863	0.572	0.084	0.926	0.007	0.518

## VIII. FINAL COUNTY SAMPLES – LANDLINE AND CELL PHONE

Table A-13 outlines the sample distribution by county for the RDD landline sample and cell phone supplement. Samples for the landline and cellphone surveys were randomly drawn based on the area code and exchanges. However, many exchanges cross county boundaries and therefore, the random block number dialed for the sample could end up in a county other than the county from which the number was originally drawn.

**Table A-13: Total RDD Landline and Cell Phone Interviews by County**

Sample County	County Determined through Sample Classification			County Determined By Respondent Classification		
	RDD Landline	Cell Phone	Total	RDD Landline	Cell Phone	Total
Atlantic	682	18	700	675	14	689
Bergen	601	52	653	675	31	706
Burlington	638	23	661	675	29	704
Camden	645	53	698	675	48	723
Cape May	704	5	709	675	7	682
Cumberland	721	13	734	675	7	682
Essex	677	45	722	676	39	715
Gloucester	667	14	681	675	17	692
Hudson	723	23	746	675	31	706
Hunterdon	690	3	693	675	5	680
Mercer	743	18	761	675	18	693
Middlesex	547	50	597	675	43	718
Monmouth	657	36	693	675	39	714
Morris	444	31	475	676	30	706
Ocean	708	32	740	675	35	710
Passaic	778	18	796	675	24	699
Salem	662	1	663	675	3	678
Somerset	678	13	691	675	22	697
Sussex	730	7	737	675	8	683
Union	757	44	801	675	46	721
Warren	725	2	727	675	5	680
Total NJ	14,177	501	14,678	14,177	501	14,678

The final sample designation was determined by the respondents self-report of county or zip code when possible. If no designation could be made based on client self-report information, the sample classification of the RDD number was used. The first three columns in this table indicate the county as determined by sample classification. This is the basis for all county disposition and response rate information since phone numbers in the landline and cell phone samples can only be attributed to county based on their area code and exchange. The last three columns indicate the county to which the completed interviews were assigned – again, based largely on respondent self-report.

**APPENDIX B:**  
**Weighting Methodology**

**2009 NEW JERSEY  
SURVEY ON DRUG USE AND HEALTH**

**Weighting Methodology**

The weighting methodology involved a sequential process from the base sampling weight to the final weight.

**(1) Base Sampling Weight**

An RDD base sampling weight for the completed interviews in each of the 21 county sampling strata was calculated (Table B-1). For each sampling stratum the population count of telephone numbers in the list-assisted sampling frame for each stratum was obtained. From the sample file, the count of sample telephone numbers released for each stratum was determined. The *base sampling weight* equals the population count for a stratum (the total pool of eligible phone numbers in each county) divided by the sample count for that stratum (the amount of sample phone numbers attempted in each county). This weight is applied only to those cases who are from the RDD portion of the sample.

**Table B-1: Base Sampling Weight Calculation for Landline RDD**

<b>County</b>	<b>Sample Phone Numbers Released (A)</b>	<b>Total Phone Number Pool (B)</b>	<b>Base Sampling Weight (B/A)</b>
ATLANTIC	6590	282800	42.913505
BERGEN	6676	942900	141.237268
BURLINGTON	6477	409000	63.146518
CAMDEN	5790	516000	89.119171
CAPE MAY	9005	161000	17.878956
CUMBERLAND	5489	126100	22.973219
ESSEX	7851	794900	101.248249
GLOUCESTER	5157	208700	40.469265
HUDSON	9217	512400	55.592926
HUNTERDON	5859	127800	21.812596
MERCER	6920	373400	53.959538
MIDDLESEX	5248	677200	129.039634
MONMOUTH	6242	632300	101.297661
MORRIS	5242	508900	97.081267
OCEAN	5741	534700	93.137084
PASSAIC	8148	427900	52.515955
SALEM	4980	55600	11.164659
SOMERSET	6651	294100	44.218914
SUSSEX	5518	135300	24.519754
UNION	7754	550300	70.969822
WARREN	5588	102900	18.414460

## (2) Cell vs. Landline

For the cell phone sample the base sampling weight equals the population count of telephone numbers in the cellular sampling frame divided by the total count of sample phone numbers in the released sample replicates (Table B-2). This weight is applied only to those cases in the cell phone sample portion of the survey.

**Table B-2: Base Sampling Weight Calculation for Cell Phone**

Sample Cell Phone Numbers Released (A)	Total Cell Phone Number Pool (B)	Base Sampling Weight (B/A)
15305	10935900	714.531199

## (3) Household Composition: Probability of Selection

For each completed interview in the RDD sample we *multiplied* the base sampling weight by number of adults in the household. The maximum number of adults was set equal to five. For each completed interview in the RDD sample we *divided* the base sampling weight by the number of voice-use landline telephone numbers in the household. The maximum number of voice-use phone lines was set equal to five. Each interview in the RDD sample was then classified into one of two telephone usage categories based on survey questions related to telephone service: landline only or landline and cell service.

## (4) Weighting on County Population Parameters

To obtain the final weight for the combined RDD and cell phone samples, an iterative procedure referred to as raking or sample balancing was used (Battaglia et al. [http://www.abtassociates.com/presentations/raking\\_survey\\_data\\_2\\_JOS.pdf](http://www.abtassociates.com/presentations/raking_survey_data_2_JOS.pdf)). The sample was raked on five margins, also called control variables. The five control variables are education, marital status, telephone usage, county of residence by age group by gender, and county of residence by race/ethnicity. The raking targets (percentages) are shown in the tables that follow. Table B-3 presents the statewide targets for education, telephone usage, and marital status; Table B-4 presents the county-level targets for age group and gender; and Table B-5 presents the county-level targets for race and ethnicity.

The telephone usage estimates for adults in New Jersey are based on two sources. The cell-only estimate of 6.2% comes from Blumberg et al. (2009). The estimates for the other two categories come from a statistical model developed by Battaglia et al. (2008). The raking targets for education and marital status were obtained from the March 2008 American Communities Survey of the US Census Bureaus. The raking targets for county of residence by age group by gender, and county of residence by race/ethnicity were provided by the Bloustein Center for Survey Research from the U.S. Census Bureau's July 2007 County Characteristics Resident Population Estimates File.

**Table B-3: Education, Telephone Usage, and Marital Status Targets**

Education		Telephone usage	
Less than high school graduate	12.14%	Cell-only	6.20%
High school graduate	32.10%	Landline-only	21.30%
Some college	21.66%	Landline & cell	72.50%
Bachelors degree or higher	34.11%		
		Marital Status	
		Married	54.65%
		Never married, member of unmarried couple	28.87%
		Divorced, widowed, separated	16.48%

**Table B-4: County of Residence by Age Group and Gender Raking Targets**

2007 NJ Population Stats							
	Total population 18-29 years: Male	Total population 18-29 years: Female	Total population 30-49 years: Male	Total population 30-49 years: Female	Total population 50-99+ years: Male	Total population 50-99+ years: Female	Total
Atlantic County	20,106	19,832	39,731	41,163	38,389	46,378	205,599
	0.304%	0.299%	0.600%	0.622%	0.580%	0.700%	3.105%
Bergen County	59,800	55,599	133,121	137,547	141,424	170,757	698,248
	0.903%	0.840%	2.010%	2.077%	2.136%	2.579%	10.544%
Burlington County	35,635	30,384	68,688	68,041	63,972	76,388	343,108
	0.538%	0.459%	1.037%	1.027%	0.966%	1.154%	5.181%
Camden County	41,093	39,881	72,512	75,816	69,881	86,157	385,340
	0.621%	0.602%	1.095%	1.145%	1.055%	1.301%	5.819%
Cape May County	6,971	6,370	11,965	12,579	17,522	21,587	76,994
	0.105%	0.096%	0.181%	0.190%	0.265%	0.326%	1.163%
Cumberland County	14,852	11,327	25,639	20,716	20,204	24,782	117,520
	0.224%	0.171%	0.387%	0.313%	0.305%	0.374%	1.775%
Essex County	62,815	60,541	110,960	118,638	98,008	126,782	577,744
	0.949%	0.914%	1.676%	1.792%	1.480%	1.915%	8.724%
Gloucester County	24,317	24,473	41,731	43,174	38,823	46,111	218,629
	0.367%	0.370%	0.630%	0.652%	0.586%	0.696%	3.301%
Hudson County	52,150	47,645	107,539	100,931	70,106	88,843	467,214
	0.788%	0.719%	1.624%	1.524%	1.059%	1.342%	7.055%



**2007 NJ Population Stats**

	Total population 18-29 years: Male	Total population 18-29 years: Female	Total population 30-49 years: Male	Total population 30-49 years: Female	Total population 50-99+ years: Male	Total population 50-99+ years: Female	Total
Hunterdon County	8,846	7,656	18,550	20,234	21,384	22,643	99,313
	0.134%	0.116%	0.280%	0.306%	0.323%	0.342%	1.500%
Mercer County	33,119	30,545	54,528	53,949	49,232	59,845	281,218
	0.500%	0.461%	0.823%	0.815%	0.743%	0.904%	4.247%
Middlesex County	63,578	62,299	127,874	122,455	105,464	125,592	607,262
	0.960%	0.941%	1.931%	1.849%	1.593%	1.897%	9.170%
Monmouth County	45,188	42,261	91,414	95,055	98,305	115,211	487,434
	0.682%	0.638%	1.380%	1.435%	1.484%	1.740%	7.361%
Morris County	31,131	29,547	74,469	74,974	75,295	86,363	371,779
	0.470%	0.446%	1.125%	1.132%	1.137%	1.304%	5.614%
Ocean County	38,672	36,820	74,147	75,750	90,708	118,296	434,393
	0.584%	0.556%	1.120%	1.144%	1.370%	1.786%	6.560%
Passaic County	39,223	38,258	71,398	72,566	64,390	79,022	364,857
	0.592%	0.578%	1.078%	1.096%	0.972%	1.193%	5.510%
Salem County	5,344	5,172	8,937	9,422	10,089	11,925	50,889
	0.081%	0.078%	0.135%	0.142%	0.152%	0.180%	0.768%
Somerset County	20,077	18,674	51,621	52,534	46,331	53,420	242,657
	0.303%	0.282%	0.780%	0.793%	0.700%	0.807%	3.664%
Sussex County	10,725	10,140	22,693	23,485	23,232	24,475	114,750
	0.162%	0.153%	0.343%	0.355%	0.351%	0.370%	1.733%
Union County	38,638	36,690	77,256	79,816	72,268	89,230	393,898
	0.583%	0.554%	1.167%	1.205%	1.091%	1.347%	5.948%
Warren County	7,033	7,141	16,863	17,334	16,036	18,878	83,285
	0.106%	0.108%	0.255%	0.262%	0.242%	0.285%	1.258%
Totals	659,313	621,255	1,301,636	1,316,179	1,231,063	1,492,685	6,622,131
	9.956%	9.381%	19.656%	19.875%	18.590%	22.541%	100.000%

Cell percentages reported are percentages of total NJ population.

**Table B-5: County of Residence by Race and Ethnicity Raking Targets**

	2007 NJ Population Stats				
	Total population 18 years and over: White alone; not Hispanic or Latino	Total population 18 years and over: Black or African American alone; not Hispanic or Latino	Total population 18 years and over: Hispanic or Latino	Total population 18 years and over: Other	Total population 18 years and over: Total
Atlantic County	133,602	30,949	25,468	15,580	205,599
	2.018%	0.467%	0.385%	0.235%	3.105%
Bergen County	463,398	36,922	95,755	102,173	698,248
	6.998%	0.558%	1.446%	1.543%	10.544%
Burlington County	254,627	53,211	16,971	18,300	343,108
	3.845%	0.804%	0.256%	0.276%	5.181%
Camden County	256,426	67,532	39,561	21,820	385,340
	3.872%	1.020%	0.597%	0.330%	5.819%
Cape May County	69,960	3,238	2,535	1,261	76,994
	1.056%	0.049%	0.038%	0.019%	1.163%
Cumberland County	67,916	22,731	23,442	3,431	117,520
	1.026%	0.343%	0.354%	0.052%	1.775%
Essex County	220,411	224,906	100,702	31,725	577,744
	3.328%	3.396%	1.521%	0.479%	8.724%
Gloucester County	183,801	20,664	7,195	6,969	218,629
	2.776%	0.312%	0.109%	0.105%	3.301%
Hudson County	172,432	52,953	182,768	59,061	467,214
	2.604%	0.800%	2.760%	0.892%	7.055%
Hunterdon County	88,455	2,939	3,980	3,939	99,313
	1.336%	0.044%	0.060%	0.059%	1.500%
Mercer County	171,772	51,811	32,602	25,033	281,218
	2.594%	0.782%	0.492%	0.378%	4.247%
Middlesex County	344,099	54,501	93,922	114,740	607,262
	5.196%	0.823%	1.418%	1.733%	9.170%
Monmouth County	387,527	34,667	36,692	28,548	487,434
	5.852%	0.524%	0.554%	0.431%	7.361%
Morris County	289,469	11,277	37,298	33,734	371,779
	4.371%	0.170%	0.563%	0.509%	5.614%
Ocean County	385,968	12,497	25,471	10,457	434,393

**2007 NJ Population Stats**

	Total population 18 years and over: White alone; not Hispanic or Latino	Total population 18 years and over: Black or African American alone; not Hispanic or Latino	Total population 18 years and over: Hispanic or Latino	Total population 18 years and over: Other	Total population 18 years and over: Total
	5.828%	0.189%	0.385%	0.158%	6.560%
Passaic County	186,360	41,773	117,150	19,574	364,857
	2.814%	0.631%	1.769%	0.296%	5.510%
Salem County	40,867	6,823	2,148	1,050	50,889
	0.617%	0.103%	0.032%	0.016%	0.768%
Somerset County	164,685	19,578	27,511	30,883	242,657
	2.487%	0.296%	0.415%	0.466%	3.664%
Sussex County	103,921	1,849	6,083	2,897	114,750
	1.569%	0.028%	0.092%	0.044%	1.733%
Union County	198,594	80,680	93,736	20,889	393,898
	2.999%	1.218%	1.415%	0.315%	5.948%
Warren County	73,457	2,467	4,742	2,618	83,285
	1.109%	0.037%	0.072%	0.040%	1.258%
Totals	4,257,748	833,966	975,735	554,682	6,622,131
	64.296%	12.594%	14.734%	8.376%	100.000%

Cell percentages reported are percentages of total NJ population.

Due to the small number of black, non-Hispanic interviews completed in Hunterdon County, we collapsed this race/ethnicity category with the Hispanic category in this county.

The raking procedure was run three times in order to reduce variability in the final weights. If there is considerable variability in the final weights, the effective sample size (simple random sample equivalent sample size) can be considerably lower than the sample size of completed interviews.

For the first raking, the base sampling weights were used as the input weight. After the first raking converged, the 95-th and 5-th percentiles of the raking output weight were calculated. Any weight values above the 95-th percentile were reduced to the 95-th percentile weight value. Any weight values below the 5-th percentile were increased to the 5-th percentile weight value.

The raking was then run a second time using the output weights from the first raking as the input weights to the second raking. After the second raking converged, the 95-th and 5-th percentiles of the raking output weight were again calculated. Any weight values

above the 95-th percentile were reduced to the 95-th percentile weight value. Any weight values below the 5-th percentile were increased to the 5-th percentile weight value.

The raking was run for a third time using the output weights from the second raking as the input weights to the third raking. After the third raking converged, the 95-th and 5-th percentiles of the raking output weight were calculated once again. Any weight values above the 95-th percentile were reduced to the 95-th percentile weight value. Any weight values below the 5-th percentile were increased to the 5-th percentile weight value.

In theory one could continue this process by doing additional rakings but normally, three rakings are sufficient to reduce variability in the final weights while allowing us to come close to the raking targets for all of the control variables.

The raking weights were ‘ratio-adjusted’ so that the weighted ‘n’ equaled 14,678 – or the total number of completed interviews. Finally, the raking weights were further ‘ratio-adjusted’ to refer to the total number of New Jersey residents 18 years of age or older – or 6,622,131.

### **(5) Unweighted vs Weighted Sample Distribution**

The following tables compare the unweighted distributions of the sample with the weighted percentages based on the final weighting variable. The final weighted percentage is also compared to the known population parameters in the 2007 Census data. These comparisons are made across numerous population demographic characteristics including: education, telephone usage, marital status (Table B-6), race and ethnicity by county (Table B-7), and age group and gender by county (Table B-8).

### **References:**

Battaglia MP, Frankel MR, Mokdad AH. 2008. Statistical Challenges Facing Cell Phone Survey. 2008 Proceedings of the Section on Survey Research Methods of the American Statistical Association.

Blumberg SJ, Luke JV, Davidson G, Davern ME, Yu T, Soderberg K. 2009. Wireless Substitution: State-level estimates from the National Health Interview Survey, January–December 2007. National Health Statistics reports; No 14. Hyattsville, MD: National Center for Health Statistics. 2009.

**Table B-6: UNWEIGHTED, WEIGHTED AND TARGET PERCENTAGES:  
Education, Marital Status and Telephone Usage**

<b>Raking Variable</b>	<b>Unweighted</b>	<b>Weighted</b>	<b>Target</b>
<b>Education</b>			
Less than high school graduate	7.34%	11.97%	12.14%
High school graduate	23.67%	32.24%	32.10%
Some College	27.46%	21.60%	21.66%
Bachelors degree or higher	41.53%	34.19%	34.11%
<b>Marital Status</b>			
Married	59.55%	55.10%	54.65%
Never married, member of unmarried couple	17.65%	28.10%	28.87%
Divorced, widowed, separated	22.80%	16.80%	16.48%
<b>Telephone Usage</b>			
Cell-only	3.41%	6.07%	6.20%
Landline-only	16.97%	21.20%	21.30%
Landline & Cell	79.62%	72.73%	72.50%

**Table B-7: UNWEIGHTED, WEIGHTED AND TARGET PERCENTAGES: Race and Ethnicity**

	18+: White alone; not Hispanic or Latino Unweighted	18+: White alone; not Hispanic or Latino Weighted	18+: White alone; not Hispanic or Latino Target	18+: Black or African American alone; not Hispanic or Latino Unweighted	18+: Black or African American alone; not Hispanic or Latino Weighted	18+: Black or African American alone; not Hispanic or Latino Target	18+: Hispanic or Latino Unweighted	18+: Hispanic or Latino Weighted	18+: Hispanic or Latino Target	18+: Other Unweighted	18+: Other Weighted	18+: Other Target
Atlantic	3.38%	2.07%	2.02%	0.68%	0.48%	0.47%	0.48%	0.39%	0.39%	0.16%	0.24%	0.24%
Bergen	3.69%	6.95%	7.00%	0.24%	0.54%	0.56%	0.63%	1.36%	1.45%	0.25%	0.86%	1.54%
Burlington	3.74%	3.89%	3.85%	0.57%	0.81%	0.80%	0.24%	0.26%	0.26%	0.22%	0.28%	0.28%
Camden	3.52%	3.95%	3.87%	0.84%	1.03%	1.02%	0.41%	0.60%	0.60%	0.16%	0.33%	0.33%
Cape May	4.24%	1.08%	1.06%	0.21%	0.05%	0.05%	1.10%	0.04%	0.04%	0.09%	0.02%	0.02%
Cumberland	3.08%	1.05%	1.03%	0.72%	0.35%	0.34%	0.71%	0.36%	0.35%	0.14%	0.05%	0.05%
Essex	2.26%	3.35%	3.33%	1.71%	3.34%	3.40%	0.64%	1.44%	1.52%	0.26%	0.48%	0.48%
Gloucester	3.99%	2.84%	2.78%	0.49%	0.32%	0.31%	0.11%	0.11%	0.11%	0.12%	0.10%	0.11%
Hudson	1.83%	2.65%	2.60%	0.69%	0.81%	0.80%	1.70%	2.78%	2.76%	0.59%	0.91%	0.89%
Hunterdon	4.25%	1.37%	1.34%	0.04%	0.05%	0.04%	0.16%	0.06%	0.06%	0.18%	0.06%	0.06%
Mercer	3.00%	2.65%	2.59%	8.24%	0.80%	0.78%	0.50%	0.50%	0.49%	0.39%	0.39%	0.38%
Middlesex	3.20%	5.21%	5.20%	0.44%	0.79%	0.82%	0.45%	1.28%	1.42%	0.80%	1.69%	1.73%
Monmouth	4.05%	5.90%	5.85%	0.25%	0.51%	0.52%	0.30%	0.53%	0.55%	0.27%	0.43%	0.43%
Morris	4.16%	4.46%	4.37%	0.10%	0.17%	0.17%	0.29%	0.56%	0.56%	0.27%	0.51%	0.51%
Ocean	4.22%	5.93%	5.83%	0.16%	0.19%	0.19%	0.36%	0.38%	0.39%	0.09%	0.15%	0.16%
Passaic	2.94%	2.88%	2.81%	0.44%	0.64%	0.63%	1.14%	1.81%	1.77%	0.25%	0.30%	0.30%
Salem	3.66%	0.64%	0.62%	0.66%	0.11%	0.10%	0.20%	0.03%	0.03%	0.10%	0.02%	0.02%
Somerset	3.65%	2.55%	2.49%	0.33%	0.30%	0.30%	0.27%	0.41%	0.42%	0.49%	0.48%	0.47%
Sussex	4.24%	1.60%	1.57%	0.11%	0.03%	0.03%	0.18%	0.09%	0.09%	0.12%	0.05%	0.04%
Union	2.75%	3.06%	3.00%	0.94%	1.25%	1.22%	0.99%	1.44%	1.42%	0.23%	0.32%	0.32%
Warren	4.14%	1.14%	1.11%	0.15%	0.04%	0.04%	0.18%	0.07%	0.07%	0.16%	0.04%	0.04%
	74.02%	65.20%	64.30%	18.01%	12.59%	12.59%	11.05%	14.52%	14.73%	5.31%	7.69%	8.38%

**Table B-8: UNWEIGHTED, WEIGHTED AND TARGET PERCENTAGES: Gender and Age**

	18-29 Male Unweighted	18-29 Male Weighted	18-29 Male Target	18-29 Female Unweighted	18-29 Female Weighted	18-29 Female Target	30-49 Male Unweighted	30-49 Male Weighted	30-49 Male Target	30-49 Female Unweighted	30-49 Female Weighted	30-49 Female Target
Atlantic	0.20%	0.31%	0.30%	0.21%	0.30%	0.30%	0.66%	0.61%	0.60%	0.89%	0.64%	0.62%
Bergen	0.23%	0.66%	0.90%	0.23%	0.69%	0.84%	0.59%	1.76%	2.01%	1.06%	2.03%	1.04%
Burlington	0.16%	0.49%	0.54%	0.27%	0.47%	0.46%	0.62%	1.06%	1.04%	1.06%	1.05%	1.03%
Camden	0.23%	0.60%	0.62%	0.27%	0.61%	0.60%	0.63%	1.12%	1.10%	1.22%	1.17%	1.15%
Cape May	0.17%	0.11%	0.11%	0.11%	0.10%	0.10%	0.44%	0.19%	0.18%	0.64%	0.19%	0.19%
Cumberland	0.27%	0.23%	0.22%	0.31%	0.18%	0.17%	0.55%	0.40%	0.39%	0.86%	0.32%	0.31%
Essex	0.23%	0.75%	0.95%	0.37%	0.90%	0.91%	0.75%	1.67%	1.68%	1.08%	1.83%	1.79%
Gloucester	0.22%	0.37%	0.37%	0.29%	0.38%	0.37%	0.73%	0.65%	0.63%	1.06%	0.67%	0.65%
Hudson	0.33%	0.79%	0.79%	0.40%	0.74%	0.72%	0.72%	1.62%	1.62%	1.02%	1.55%	1.52%
Hunterdon	0.08%	0.14%	0.13%	0.12%	0.12%	0.12%	0.72%	0.29%	0.28%	1.14%	0.31%	0.31%
Mercer	0.21%	0.50%	0.50%	0.20%	0.47%	0.46%	0.61%	0.84%	0.82%	1.14%	0.84%	0.82%
Middlesex	0.23%	0.76%	0.96%	0.29%	0.87%	0.94%	0.70%	1.92%	1.93%	1.04%	1.88%	1.85%
Monmouth	0.18%	0.61%	0.68%	0.20%	0.59%	0.64%	0.70%	1.41%	1.38%	1.02%	1.47%	1.44%
Morris	0.15%	0.44%	0.47%	0.21%	0.45%	0.45%	0.74%	1.14%	1.13%	0.99%	1.16%	1.13%
Ocean	0.20%	0.56%	0.58%	0.23%	0.54%	0.56%	0.57%	1.14%	1.12%	1.09%	1.17%	1.14%
Passaic	0.25%	0.60%	0.59%	0.31%	0.59%	0.58%	0.65%	1.10%	1.08%	1.02%	1.12%	1.10%
Salem	0.17%	0.08%	0.08%	0.28%	0.08%	0.08%	0.48%	0.14%	0.14%	1.00%	0.15%	0.14%
Somerset	0.11%	0.30%	0.30%	0.17%	0.28%	0.28%	0.81%	0.79%	0.78%	1.04%	0.81%	0.79%
Sussex	0.10%	0.16%	0.16%	0.17%	0.16%	0.15%	0.61%	0.35%	0.34%	1.06%	0.36%	0.36%
Union	0.23%	0.58%	0.58%	0.33%	0.56%	0.55%	0.85%	1.19%	1.17%	1.18%	1.23%	1.21%
Warren	0.10%	0.11%	0.11%	0.16%	0.11%	0.11%	0.62%	0.26%	0.26%	1.04%	0.27%	0.26%
TOTAL	4.04%	9.16%	9.96%	5.11%	9.17%	9.38%	13.74%	19.63%	19.66%	21.63%	20.20%	19.88%

**Table B-8: UNWEIGHTED, WEIGHTED AND TARGET PERCENTAGES: Gender and Age (continued)**

	<b>50-99+ Male Unweighted</b>	<b>50-99+ Male Weighted</b>	<b>50-99+ Male Target</b>	<b>50-99+ Female Unweighted</b>	<b>50-99+ Female Weighted</b>	<b>50-99+ Female Target</b>
Atlantic	1.08%	0.59%	0.58%	1.66%	0.72%	0.70%
Bergen	1.04%	2.05%	2.14%	1.67%	2.53%	2.58%
Burlington	1.05%	0.99%	0.97%	1.64%	1.18%	1.15%
Camden	0.97%	1.08%	1.06%	1.60%	1.33%	1.30%
Cape May	1.27%	0.27%	0.27%	2.02%	0.33%	0.33%
Cumberland	1.04%	0.31%	0.31%	1.62%	0.38%	0.37%
Essex	0.89%	1.50%	1.48%	1.55%	1.96%	1.92%
Gloucester	0.91%	0.60%	0.59%	1.51%	0.71%	0.70%
Hudson	0.86%	1.08%	1.06%	1.49%	1.38%	1.34%
Hunterdon	1.02%	0.33%	0.32%	1.56%	0.35%	0.34%
Mercer	1.02%	0.76%	0.74%	1.54%	0.93%	0.90%
Middlesex	1.09%	1.62%	1.59%	1.55%	1.93%	1.90%
Monmouth	1.06%	1.52%	1.48%	1.71%	1.78%	1.74%
Morris	1.15%	1.16%	1.14%	1.63%	1.34%	1.30%
Ocean	1.09%	1.40%	1.37%	1.66%	1.83%	1.79%
Passaic	0.93%	1.00%	0.97%	1.61%	1.22%	1.19%
Salem	1.05%	0.16%	0.15%	1.65%	0.19%	0.18%
Somerset	1.11%	0.72%	0.70%	1.51%	0.83%	0.81%
Sussex	1.19%	0.36%	0.35%	1.53%	0.38%	0.37%
Union	0.89%	1.12%	1.09%	1.44%	1.38%	1.35%
Warren	1.10%	0.25%	0.24%	1.62%	0.29%	0.29%
TOTAL	21.79%	18.87%	18.59%	33.76%	22.97%	22.54%



**APPENDIX C:**  
**Questionnaire**

# **THE 2008 NEW JERSEY TELEPHONE HOUSEHOLD SURVEY QUESTIONNAIRE**

**September 26, 2008**

Public reporting burden for this collection of information is estimated to average 18 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information to SAMHSA Reports Clearance Officer, Room 16-105, 5600 Fishers Lane, Rockville, MD 20857. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The control number for this project is 0930-xxxx.

**STNAP SURVEY QUESTIONNAIRE**

**INTERVIEWER'S CODE NUMBER:** \_\_\_\_\_

**DATE AND TIME INTERVIEW BEGAN:**

DATE: (MM:DD:YY)	____   ____   ____	
TIME: (HH:MM)	____   ____	AM=1 / PM=2: ____

**(INTRODUCTION TO PERSON FIRST ANSWERING AND THE PERSON SELECTED TO BE INTERVIEWED.)**

Hello, my name is \_\_\_\_\_, and I am calling from Rutgers University. We are conducting an important survey for the New Jersey Department of Human Services on health issues, including the use of alcohol and drugs. The results of this survey are used by the State to make important planning decisions for providing health services for its citizens.

Your telephone number was chosen randomly and we do not have your name or address, and your responses will not be linked to your phone number. All information you give us will be kept strictly anonymous and no individual data will be reported. May I proceed?

Only if necessary: We need your help to make this study as accurate as possible. The interview will take an average of about 15 to 20 minutes.

INTERVIEWER: *If respondent asks:* S/he may call the project sponsor - Dr. Robert Culleton at the New Jersey Department of Human Services 609-633-9798, or the project director at Rutgers, Dr. Chris Bruzios at Rutgers University, with further questions at 732-932-1900 x204.

**LANDLINE GO TO S1**

**CELL PHONE INTRO:**

Hello, my name is \_\_\_\_\_, and I am calling from Rutgers University. We are conducting an important survey for the New Jersey Department of Human Services on health issues, including the use of alcohol and drugs. I know I am calling you on a cell phone, as a small token of our appreciation for your time, we will pay all eligible respondents \$10 for participating in this survey. May I proceed?

(IF NECESSARY: The results of this survey are used by the State to make important planning decisions for providing health services for its citizens. All information you give us will be kept strictly anonymous and no individual data will be reported. We need your help to make this study as accurate as possible. The interview will take an average of about 12 to 15 minutes. (IF RESPONENT SAYS DRIVING/UNABLE TO TAKE CALL; Thank you. We will try you another time...).

INTERVIEWER: *If respondent asks:* S/he may call the project sponsor - Dr. Robert Culleton at the New Jersey Department of Human Services 609-633-9798, or the project director at Rutgers, Dr. Chris Bruzios at Rutgers University, with further questions at 732-932-1900 x204.

SCREENING INTERVIEW:

CE1. First, I have to ask, are you at least 18 years old?

- 1 YES
- 2 NO (GO TO J1b)
- 7 DON'T KNOW (GO TO J1b)
- 8 REFUSED (GO TO J1b)

**IF CE1=1, CONTINUE WITH CE2**

CE2. Now thinking about your telephone use... Is there at least one telephone INSIDE your home that is currently working and is NOT a cell phone? Please do not include any numbers that are used only for FAX machines, computers or burglar alarms.

**INTERVIEWER:** TELEPHONE SERVICE OVER THE INTERNET COUNTS AS LANDLINE SERVICE. PLEASE CONFIRM NEGATIVE RESPONSES TO ENSURE THAT RESPONDENT HAS HEARD AND UNDERSTOOD CORRECTLY.

- 1 YES, HOME TELEPHONE (GO TO J1d)
- 2 NO, HOME TELEPHONE (GO TO CE2a)
- 7 DON'T KNOW (GO TO J1d)
- 8 REFUSED (GO TO J1d)

CE2a. In which state is this household located?

- 1 New Jersey
- 2 Other/Don't know/Refused (GO TO J1e)

**INSTRUCTIONS TO INTERVIEWER**

**Throughout the interview, response categories for *don't know* and *refused* have been inserted where appropriate. Whenever one of these choices applies to a question, follow the "GO TO" directions for the "NO" response unless otherwise instructed.**

**Never read the "*DON'T KNOW*" and "*REFUSED*" response categories or any capitalized and bolded text to the respondent. Always skip to next question if "*DON'T KNOW*" or "*REFUSED*" are selected unless otherwise indicated. Do not leave response categories blank; use zero if appropriate.**

Public reporting burden for this collection of information is estimated to average 3 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information to SAMHSA Reports Clearance Officer, Room 16-105, 5600 Fishers Lane, Rockville, MD 20857. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The control number for this project is 0930-xxxx.

## SCREENING QUESTIONS

S1. Have I reached a household, or is this a group quarters, such as a dormitory, shelter, nursing home, or institution?

- 1 HOUSEHOLD
- 2 GROUP QUARTERS ⇒ (GO TO J1a)
- 7 *DON'T KNOW*
- 8 *REFUSED*

S2. How many people live in your household, including yourself?

- \_\_\_\_\_ # PEOPLE
- 77 *DON'T KNOW*
  - 88 *REFUSED*

S2a. How many of the people who live here are adults? Adult includes everyone age 18 and older. (IF NO ADULTS LIVE IN THE HOUSEHOLD, GO TO J1a)

- \_\_\_\_\_ # ADULTS
- 77 *DON'T KNOW*
  - 88 *REFUSED*

[CELL PHONE SAMPLE SHOULD SKIP TO S8]

S3. How many different **telephone numbers** do you have in this household? Do not count any numbers that are used only for FAX machines, computers, business numbers, or extensions that use the same number. Also do not count cell phones.

- \_\_\_\_\_ # OF TELEPHONES ⇒ (IF MORE THAN 3, CONFIRM THAT IT IS A RESIDENCE. IF IT IS NOT, GO TO J1a)
- 7 *DON'T KNOW*
  - 8 *REFUSED*

S3a. [if more than 3 phone numbers in S3, confirm] Is this a residence or group quarters?

- 1 RESIDENCE
- 0 NON-RESIDENCE ⇒ (GO TO J1a)

S4. Can you tell me, of the adults who now live in your household — including yourself — who had the most recent birthday? Who would that be? **(EXPLAIN AFTER RESPONSE):** We interview whoever had their birthday most recently to make our choice totally random.

**(PERSON WITH MOST RECENT BIRTHDAY OF THOSE 18 OR OLDER):**

- |   |                            |   |
|---|----------------------------|---|
| 1 | RESPONDENT                 | ⇒ Then you're the one I want to talk to <b>(GO TO S8)</b> |
| 2 | SOMEONE ELSE               | ⇒ <b>(GO TO S6)</b>                                       |
| 3 | ONLY KNOWS OWN BIRTHDAY    | ⇒ Then you're the one I want to talk to <b>(GO TO S8)</b> |
| 4 | DOESN'T KNOW ALL BIRTHDAYS | ⇒ <b>(GO TO S5)</b>                                       |
| 8 | REFUSED                    | ⇒ <b>(GO TO J1z)</b>                                      |

S5. **(IF PERSON DOESN'T KNOW ALL BIRTHDAYS)** — Of those 18 or older whose birthdays you do know, who has had the most recent birthday?

- |   |              |   |
|---|--------------|---|
| 1 | RESPONDENT   | ⇒ Then you're the one I want to talk to <b>(GO TO S8)</b> |
| 2 | SOMEONE ELSE | ⇒ <b>(GO TO S6)</b>                                       |
| 8 | REFUSED      | ⇒ <b>(GO TO J1z)</b>                                      |

S6. **(IF SOMEONE ELSE)** May I speak to that person?

- |   |                           |                      |
|---|---------------------------|----------------------|
| 1 | TRANSFERRED TO NEW PERSON | ⇒ <b>(GO TO S7)</b>  |
| 2 | PERSON NOT AVAILABLE      | ⇒ <b>(GO TO S9)</b>  |
| 8 | REFUSED                   | ⇒ <b>(GO TO J1z)</b> |

S7. Am I speaking to a member of the household who is at least 18 years old?  
**(READ INTRODUCTION TO NEW PERSON.)**

- |   |   |                      |
|---|---|----------------------|
| 1 | YES, PERSON AGREES TO INTERVIEW           | ⇒ <b>(GO TO S8)</b>  |
| 2 | QUALIFIES, BUT REFUSED TO INTERVIEW       | ⇒ <b>(GO TO J1z)</b> |
| 3 | DOES NOT QUALIFY (ASK FOR ANOTHER PERSON) | ⇒ <b>(GO TO S5)</b>  |
| 7 | DON'T KNOW                                | ⇒ <b>(GO TO J1z)</b> |
| 8 | REFUSED                                   | ⇒ <b>(GO TO J1z)</b> |

S8. Can we start the interview now?

- |   |            |                            |
|---|------------|----------------------------|
| 0 | NO         | ⇒ <b>(GO TO S9)</b>        |
| 1 | YES        | ⇒ <b>(GO TO SECTION A)</b> |
| 7 | DON'T KNOW |                            |
| 8 | REFUSED    | ⇒ <b>(GO TO J1z)</b>       |

**(IF PERSON NOT AVAILABLE TO BE INTERVIEWED NOW, RESCHEDULE.)**

S9. Could you suggest a convenient time for me to call back to reach...

- |                          |  |
|--------------------------|--|
| <b>(IF RESPONDENT)</b>   | .... you? What is your first name?                       |
| <b>(IF OTHER PERSON)</b> | .... this person? What is the first name of this person? |

**(RECORD FIRST NAME AND DATE / TIME TO RETURN CALL. NEGOTIATE ANOTHER TIME AS SOON AS CONVENIENT.)**

S9a. FIRST NAME: \_\_\_\_\_

DATE: (MM:DD:YY)	____   ____   ____	
TIME: (HH:MM)	____   ____	AM=1 / PM=2: ____

**(ASK ALL RESPONDENTS)**

Very often in health studies like this, information on the general area where people live is used for health planning purposes. For this reason, we would like to know your county of residence and five-digit zip code. **(ENTER BOTH WITH LEADING ZEROS WHERE NEEDED)**

H9. What county do you live in? \_\_\_\_\_ | \_\_\_\_\_

- |                      |                   |             |
|----------------------|-------------------|-------------|
| 01 Atlantic          | 08 Gloucester     | 15 Ocean    |
| 02 Bergen            | 09 Hudson         | 16 Passaic  |
| 03 Burlington        | 10 Hunterdon      | 17 Salem    |
| 04 Camden            | 11 Mercer         | 18 Somerset |
| 05 Cape May          | 12 Middlesex      | 19 Sussex   |
| 06 Cumberland        | 13 Monmouth       | 20 Union    |
| 07 Essex             | 14 Morris         | 21 Warren   |
| <i>77 DON'T KNOW</i> | <i>88 REFUSED</i> |             |

H9a. **(FROM SAMPLE: CODE FROM SRBI Phone exchange)** County of residence.

\_\_\_\_\_ | \_\_\_\_\_ **[CATI PROGRAMMING: CODE RESPONDENT REPORTED COUNTY FROM H9 HERE. FOR ALL DK/REFUSED (PUNCHS 77 AND 88) CASES CODE SAMPLE COUNTY FROM H9a]**

H9b. **CATI: QUOTA COUNTY QUESTION (NOT ASKED TO RESPONDENTS)**

- |               |               |             |
|---------------|---------------|-------------|
| 01 Atlantic   | 08 Gloucester | 15 Ocean    |
| 02 Bergen     | 09 Hudson     | 16 Passaic  |
| 03 Burlington | 10 Hunterdon  | 17 Salem    |
| 04 Camden     | 11 Mercer     | 18 Somerset |
| 05 Cape May   | 12 Middlesex  | 19 Sussex   |
| 06 Cumberland | 13 Monmouth   | 20 Union    |
| 07 Essex      | 14 Morris     | 21 Warren   |

H10. What is your five-digit zip code? \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_

*77777 DON'T KNOW*  
*88888 REFUSED*

## A. CORE DEMOGRAPHICS

A1. Could you please tell me how old you are now.

\_\_\_\_ YEARS OLD ⇒ (RANGE 18-110. IF LESS THAN 18 GO TO S5)  
777 *DON'T KNOW*  
888 *REFUSED*

**(FROM THE SOUND OF THE RESPONDENT'S VOICE INFER SEX. READ ONLY IF NECESSARY)**

A2. So you are a \_\_\_\_\_-year old [female] [male], is that correct?

0 FEMALE  
1 MALE

**(INTERVIEWER: READ ONLY IF NECESSARY)**

A3. What language would you like to be interviewed in?

1 ENGLISH ⇒ (USE ENGLISH QUESTIONNAIRE)  
2 SPANISH ⇒ (USE SPANISH QUESTIONNAIRE)  
3 EITHER IS O.K. ⇒ (USE ENGLISH QUESTIONNAIRE)

A4. Are you of Hispanic or Latino(a) origin or background? (USE "(a)" FOR FEMALE)

0 NO ⇒ (GO TO A5)  
1 YES ⇒ (GO TO A4a)  
7 *DON'T KNOW* ⇒ (GO TO A5)  
8 *REFUSED* ⇒ (GO TO A5)

A4a. Which of these groups best describes you?

1 MEXICAN / MEXICAN AMERICAN / CHICANO(A) (USE "(A)"  
FOR FEMALE)  
2 PUERTO RICAN  
3 CENTRAL OR SOUTH AMERICAN  
4 CUBAN / CUBAN AMERICAN  
5 *OTHER (DO NOT REQUEST, ONLY USE IF VOLUNTEERED.)*  
(SPECIFY) \_\_\_\_\_  
7 *DON'T KNOW*  
8 *REFUSED*



A5. Which of these races describes you? **(Select one or more races.)**

- 1 WHITE
- 2 BLACK OR AFRICAN AMERICAN
- 3 AMERICAN INDIAN OR ALASKA NATIVE
- 4 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
- 5 ASIAN
- 6 *OTHER (DO NOT REQUEST, ONLY USE IF VOLUNTEERED.)*  
**(SPECIFY)** \_\_\_\_\_
- 7 *DON'T KNOW*
- 8 *REFUSED*

**(ASK A5a IF MORE THAN ONE RACE WAS SELECTED IN A5.)**

A5a. Which ONE of these races, **(READ RACES NAMED IN A5)**, BEST describes you?

- 1 WHITE
- 2 BLACK OR AFRICAN AMERICAN
- 3 AMERICAN INDIAN OR ALASKA NATIVE
- 4 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
- 5 ASIAN
- 6 **OTHER [DO NOT REQUEST, ONLY USE IF VOLUNTEERED.]**  
**(SPECIFY)** \_\_\_\_\_
- 7 *DON'T KNOW*
- 8 *REFUSED*

**(OMB NOTE: One race label is needed for assigning a person weight, for non-response adjustment, to ensure that sample counts match the census demographic population counts, and for statistical analysis)**

A6. Are you **currently** on active duty in the armed forces?

- 0 NO ⇒ **(GO TO A7)**
- 1 YES ⇒ **(GO TO J1c)**
- 7 *DON'T KNOW* ⇒ **(GO TO J1z)**
- 8 *REFUSED* ⇒ **(GO TO J1z)**

A7. During the past 12 months, would you say your physical health has been excellent, very good, good, fair, or poor?

- 1 EXCELLENT
- 2 VERY GOOD
- 3 GOOD
- 4 FAIR
- 5 POOR
- 7 *DON'T KNOW*
- 8 *REFUSED*

A7a. In the past 12 months, how many times have you seen a health professional (such as a doctor or nurse) for any physical health problems? (Does not include Dentist.) [PROBE: “Your best estimate is fine” before accepting DK.]

\_\_\_\_\_ # OF TIMES (**Range 0-75, 76=76 or more**)  
77 *DON'T KNOW*  
88 *REFUSED*

A8. During the past 12 months, would you say your emotional or psychological health has been excellent, very good, good, fair, or poor?

1 EXCELLENT  
2 VERY GOOD  
3 GOOD  
4 FAIR  
5 POOR  
7 *DON'T KNOW*  
8 *REFUSED*

A8a. In the past 12 months, how many times have you seen a health professional (such as a counselor or therapist) for any emotional or psychological problems? [PROBE: “Your best estimate is fine” before accepting DK.]

\_\_\_\_\_ # OF TIMES (**Range 0-75, 76=76 or more**)  
77 *DON'T KNOW*  
88 *REFUSED*

A9. Do you currently have health insurance coverage?

0 NO ⇒ **(GO TO SECTION K)**  
1 YES ⇒ **(GO TO A9a)**  
7 *DON'T KNOW* ⇒ **(GO TO SECTION K)**  
8 *REFUSED* ⇒ **(GO TO SECTION K)**

A9a. Now I will ask you who pays for your insurance policy, not including co-payments or deductibles. Please answer yes or no to each question.

**(READ EACH TYPE. CODE AS FOLLOWS)**

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

Is at least some of your insurance paid for by ...	<b>CODE</b>
1 You or your family?	
2 Employer or union?	
3 Public assistance (Welfare, Medicaid, etc.)?	
4 Medicare?	
5 Military health care? (Like VA, CHAMPUS, etc.)	
6 Something else I haven't mentioned? <b>(SPECIFY)</b> _____	

## K. GAMBLING EXPERIENCES

Now I am going to ask you about your gambling experiences.

<p>K1. Thinking back to the year you <b>(BOUGHT LOTTERY TICKETS/PLAYED CASINO GAMES/PLAYED OTHER BETTING GAMES)</b> the <u><b>MOST</b></u>, about how many times did you ... <b>(ASK FOR EACH)</b> [Interviewer Probe: “Your best estimate is fine”]</p> <p style="text-align: right; margin-right: 50px;">ENTER:    <i>Never</i>            0            <b>(Code 776 = 776 or more)</b>                            <i>Don't know</i>    777                            <i>Refused</i>            888</p>	
	Number
K1a. Buy a lottery ticket (such as daily, scratch-offs, lotto)?	_____
K1b. Play casino tables or video games (such as craps, blackjack, roulette, slot machines, cards, video poker)?	_____
K1c. Play other games (such as Cards, race tracks, bingo, bet on horses, bet on sports)?	_____

**IF K1a ≥ 50 OR K1b ≥ 10 OR K1c ≥ 20 THEN CONTINUE.  
ELSE SKIP TO MODULE B.**

**INTERVIEWER NOTE: If hesitant – use this probe throughout survey when necessary:**

The answers that people give us about their [topic] are important to this study’s success. We know that this information is personal, but remember your answers will be kept confidential and your participation is completely anonymous.

K2. Have you ever spent a lot of time thinking about ways to get money together so you could gamble?

- 0    NO
- 1    YES
- 7    *DON'T KNOW*
- 8    *REFUSED*

K3. Have you **often** spent a lot of time planning your bets, studying the odds, or kept thinking over and over about past wins or past losses when you should have been doing other things?

- 0    NO
- 1    YES
- 7    *DON'T KNOW*
- 8    *REFUSED*

K4. Have you sometimes used gambling as a way of getting out of a bad mood, for instance when you felt nervous, sad or down?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K5. Over time, did you have to increase the amount of money you would gamble in order to keep it exciting?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K6. Have you tried to quit or cut down on your gambling more than once without being able to?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K7. Have you ever raised gambling money by writing a bad check, signing someone else's name to a check, stealing, cashing someone else's check, or in some other illegal way?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K8. Has your gambling ever put you in such financial trouble that you had to get help with living expenses from friends, family, or welfare?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K9. Has your gambling ever caused you any other trouble with family, friends or work?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

**GSCREEN: GSCREEN: IF 0, 7 OR 8 (“NO/DK/Ref”) IS CODED FOR ALL K2-K9 THEN SKIP TO MODULE B, ELSE ASK K10-K13. CATI: CREATE VARIABLE “QUALIFIED FOR K10-K13” Yes=1, No=0)**

K10. I have marked experiences you had with gambling (**READ ITEMS CODED 1 IN K2-K9**). Have you had any one or more of these experiences in the past 12 months?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K11. How old were you the first time gambling caused you one of these problems?

ONSET AGE \_\_\_ | \_\_\_ (**Range 1-75, Code 76=76 or more**)

- 77 *DON'T KNOW*
- 88 *REFUSED*

K12. Have you ever talked to a doctor or other health professional about your gambling?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

K13. Have you ever been to Gamblers Anonymous for your own gambling problems?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

## B. TOBACCO PREVALENCE

Now I am going to ask you a series of questions about your use of cigarettes.

(NOTE: B1 is core question – try to avoid DK, refuse responses)

B1. Have you **ever** smoked part or all of a cigarette?

- 0 NO ⇒ (GO TO B6a)
- 1 YES
- 7 *DON'T KNOW* ⇒ (GO TO B6a)
- 8 *REFUSED* ⇒ (GO TO B6a)

B1a. Have you smoked at least 100 cigarettes in your entire life?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

B2. How old were you the **first time** you smoked part or all of a cigarette?

- \_\_\_\_\_ YEARS OLD (Range 0-75, CODE 76 FOR 76 OR MORE)
- 77 *DON'T KNOW*
  - 88 *REFUSED*

B3. How long has it been since you **last** smoked part or all of a cigarette?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO BUT WITHIN THE PAST 3 YEARS
- 4 MORE THAN 3 YEARS AGO
- 7 *DON'T KNOW*
- 8 *REFUSED*

B4. (IF B3 = 1 ASK B4a. IF B3 = 2, 3, 4, 7 OR 8 ASK B4b.)

B4a. During the past 30 days, on how many **days** did you smoke part or all of a cigarette?

B4b. During the 30 days when you last smoked, on how many **days** did you smoke part or all of a cigarette?

- \_\_\_\_\_ # OF DAYS (RANGE 1 - 30)
- 77 *DON'T KNOW*
  - 88 *REFUSED*

<b>B5. (IF B3 = 1 ASK B5a. IF B3 = 2, 3, 4, 7 OR 8 ASK B5b.)</b>	
B5a.	During the past 30 days, how many cigarettes did you smoke per day, on average?
B5b.	During that same 30 days when you last smoked, how many cigarettes did you smoke per day, on average?

- 0 About 2 packs or more (more than 35 cigarettes per day)
- 1 About 1½ packs (26 to 35 cigarettes per day)
- 2 About 1 pack (16 to 25 cigarettes per day)
- 3 About ½ pack (6 to 15 cigarettes per day)
- 4 2 to 5 cigarettes per day
- 5 1 cigarette per day
- 6 Less than one cigarette per day
- 7 *DON'T KNOW*
- 8 *REFUSED*

**(IF S2=1, Autopunch '0' and GO TO B6b)**

B6a. How many of the other adults in your household currently smoke cigarettes?

# SMOKERS: \_\_ | \_\_ **(Range 0-76) ENTER 0 IF NONE**  
**(Refer to S2a for # in household)**

- 77 *DON'T KNOW*
- 88 *REFUSED*

**(IF S2a=S2, Autopunch '0' and GO TO B7)**

B6b. How many adolescents (children under 18 years of age) in your household currently smoke cigarettes?

# SMOKERS: \_\_ | \_\_ **(Range 0-76) ENTER 0 IF NONE**  
**(Refer to S2a for # in household)**

- 77 *DON'T KNOW*
- 88 *REFUSED*



Now I am going to ask about your use of other tobacco products.

B7. During the past 12 months, on how many days during an average month did you ...

<b>ENTER CODES FOR QUESTION B7 OPTION</b>	
B7a. use chewing tobacco or snuff?	
B7b. smoke part or all of any type of cigar?	
B7c. smoke tobacco in a pipe?	

\_\_\_\_\_ # OF DAYS (**Range 0-30, CODE 30 FOR 30 OR MORE**)

77 *DON'T KNOW*

88 *REFUSED*

## C. ALCOHOL PREVALENCE

I am going to ask you several questions about alcohol use. Count as a drink — a can or bottle of beer, a glass of wine or a wine cooler, a shot of liquor or a mixed drink. Count a 40 oz. bottle of beer as 4 drinks. **(SEE ALCOHOL EQUIVALENTS CHART BELOW IF NEEDED)**

**[NOTE: C1 is core question – try to avoid DK, refuse responses]**

C1. Have you **ever**, even once, had a drink of any type of alcoholic beverage? Please do not include times when you only had a sip or two from a drink.

- 0 NO ⇒ (GO TO SECTION D)
- 1 YES
- 7 *DON'T KNOW* ⇒ (GO TO SECTION D)
- 8 *REFUSED* ⇒ (GO TO SECTION D)

C1a. Have you ever had twelve or more drinks in the same year?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

C2. How old were you the **first time** you had a drink of an alcoholic beverage?

- \_\_\_\_\_ YEARS OLD (Range 0-75, CODE 76 FOR 76 OR MORE)
- 77 *DON'T KNOW*
  - 88 *REFUSED*

C3. How long has it been since you **last** drank an alcoholic beverage?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO BUT WITHIN THE PAST 3 YEARS
- 4 MORE THAN 3 YEARS AGO
- 7 *DON'T KNOW*
- 8 *REFUSED*

**[IF S2a=1, GO TO C4, Autopunch '0']**

C3a. How many of the other adults in your household have drunk any alcoholic beverages in the past 30 days?

- # DRINKERS: \_\_\_ | \_\_\_ (Range 0-76) ENTER 0 IF NONE  
(Refer to S2a for # in household)
- 77 *DON'T KNOW*
  - 88 *REFUSED*

C4. During the most recent times you were drinking, on how many days during an average month did you have at least one drink? **(Refers to periods given in C3)**

\_\_\_\_\_ # OF DAYS **(Range 0-76) (CODE 30 FOR 30 OR MORE)**

77 *DON'T KNOW*

88 *REFUSED*

C5. During this same time, about how many drinks a day have you usually had when you did drink?

\_\_\_\_\_ # OF DRINKS ⇒ **(Range 0-76) (GO TO C6a, IF MALE AND >4 DRINKS A DAY, OR FEMALE AND >3 DRINKS A DAY)**

77 *DON'T KNOW*

88 *REFUSED*

**[READ AS FOUR [4] DRINKS FOR FEMALES, AND FIVE [5] DRINKS FOR MALES IN QUESTIONS C6, C6a, AND C6b.]**

C6. At any time in your life, did you **ever** have [4] [5] or more drinks on the same occasion? (By occasion, we mean within several hours.)

0 NO ⇒ **(GO TO C7)**

1 YES ⇒ **(GO TO C6a)**

7 *DON'T KNOW*

8 *REFUSED*

C6a. How long has it been since you had [4] [5] or more drinks on the same occasion?

1 Within the past 30 days

2 More than 30 days ago but within the past 12 months

3 More than 12 months ago

7 *DON'T KNOW*

8 *REFUSED*

C6b. **(IF C6a = 1 ASK C6b1. IF C6a = 2, 3, 7 or 8 ASK C6b2.)**

C6b1. In the past 30 days, on how many days did you have [4] [5] or more drinks on the same occasion?

C6b2. In the 30 days prior to when you last drank [4] [5] drinks on the same occasion, on how many days did you have [4] [5] or more drinks on the same occasion?

\_\_\_\_\_ # OF DAYS **(CODE 30 FOR 30 OR MORE)**

77 *DON'T KNOW*

88 *REFUSED*

C7. At any time in your life, have you **ever**, even once, gone on a binge where you kept drinking for a couple of days or more without sobering up?

- 0 NO ⇒ (GO TO C8)
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

C7a. When was the last time this happened?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO
- 7 *DON'T KNOW*
- 8 *REFUSED*

C8. Have you **ever** thought that you might have a problem with alcohol?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

## D. PREVALENCE OF OTHER SUBSTANCES

I want to ask some questions now about your use of other drugs that were **NOT PRESCRIBED** for you by your doctor or other health professional. You can just say yes or no as I read each drug.

**(FIRST, READ ALL DRUG NAMES DOWN COLUMN D1. THEN FOR EACH "YES" DRUG IN D1, READ ACROSS EACH COLUMN IN TURN, FROM D2 TO D6.)**

D1. Have you **ever**, even once, used [DRUG]?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

D2. How old were you the **first time** you used [DRUG]?

- \_\_\_\_\_ YEARS OLD (**Range 0-75, CODE 76 FOR 76 OR MORE**)
- 77 *DON'T KNOW*
  - 88 *REFUSED*

D3. How long has it been since you **last** used [DRUG]?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO BUT WITHIN THE PAST 3 YEARS
- 4 MORE THAN 3 YEARS AGO
- 7 *DON'T KNOW*
- 8 *REFUSED*

D4. **(IF D3 = 1 OR 2 ASK D4a. IF D3 = 3, 4, 7 OR 8 ASK D4b.)**

D4a. During the past 12 months, on how many days did you have at least a little [DRUG]?

D4b. During the 12 months prior to when you last used [DRUG], on how many days did you have at least a little?

- \_\_\_\_\_ # OF DAYS (**CODE 1 TO 365**)
- 777 *DON'T KNOW*
  - 888 *REFUSED*

<b>D5. (IF D3 = 1 ASK D5a. IF D3 = 2, 3, 4, 7 OR 8 ASK D5b.)</b>
D5a. During the past 30 days, on how many days did you use [DRUG]?
D5b. During the 30 days prior to when you last used [DRUG], on how many days did you use it?

\_\_\_\_\_ # OF DAYS (RANGE 1-30)  
 77 DON'T KNOW  
 88 REFUSED

D6. Have you **ever** thought that you might have a problem with [DRUG]?

0 NO  
 1 YES  
 7 DON'T KNOW  
 8 REFUSED

<b>D1 through D6 - Drug Prevalence*</b>						
	<b>D1</b> Ever Use	<b>D2</b> Age 1 <sup>st</sup> Use	<b>D3</b> Last Use	<b>D4</b> # -12 Mos.	<b>D5</b> # -30 Days	<b>D6</b> Problem
1. Marijuana	___	___   ___	___	___   ___	___   ___	___
2. Powder Cocaine	___	___   ___	___	___   ___	___   ___	___
3. Crack Cocaine	___	___   ___	___	___   ___	___   ___	___
4. Heroin	___	___   ___	___	___   ___	___   ___	___
5. Pain Relievers or Other Opiates, such as Codeine or Percocet*	___	___   ___	___	___   ___	___   ___	___
6. Methamphetamine or Crystal Meth, Speed, or Crank	___	___   ___	___	___   ___	___   ___	___
7. Other Stimulants, such as Ritalin or Adderall*	___	___   ___	___	___   ___	___   ___	___
8. Hallucinogens, such as PCP or LSD	___	___   ___	___	___   ___	___   ___	___
9. Tranquilizers, such as Valium*	___	___   ___	___	___   ___	___   ___	___
10. Sedatives, or Sleeping Pills*^	___	___   ___	___	___   ___	___   ___	___
11. Ecstasy or MDMA	___	___   ___	___	___   ___	___   ___	___
12. Other Club Drugs such as Ketamine, GHB	___	___   ___	___	___   ___	___   ___	___
13. Steroids*	___	___   ___	___	___   ___	___   ___	___
<ul style="list-style-type: none"> <li>• All questions apply to non-prescription drug use.</li> <li>• ^ Does NOT include over the counter medications.</li> </ul>						

**(STATES CAN ADD OTHER DRUGS. FOR ADOLESCENTS, ADD INHALANTS)**

**(ASK ALL RESPONDENTS)**

D7. Have you ever injected any drug in order to get high, even just once?

- 0 NO ⇒ **(GO TO SECTION E)**
- 1 YES
- 7 *DON'T KNOW* ⇒ **(GO TO SECTION E)**
- 8 *REFUSED* ⇒ **(GO TO SECTION E)**

D7a. How long has it been since you **last** injected a drug to get high?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO
- 7 *DON'T KNOW*
- 8 *REFUSED*

## E. ALCOHOL AND DRUG PROBLEM INDEX

### INTERVIEWER INSTRUCTIONS:

**ALCOHOL SCREEN:** Ask questions for Alcohol (Columns A & B) **ONLY IF:**

1. Alcohol was used in the past 12 months (if C3=1 or 2), **AND**

2. Response was “YES” to **ANY ONE** of the following:

C8. Ever had a problem with alcohol (if C8=1), **OR**

C7a. Binged in the past 12 months (if C7a=1 or 2), **OR**

**IF FEMALE:** C5. Averaged 3 or more drinks per occasion (if C5 ≥ 3), **OR**

C6a. Had 4 or more drinks at least once in the past 12 months (if C6a =1 or 2).

**IF MALE:** C5. Averaged 4 or more drinks per occasion (if C5 ≥ 4), **OR**

C6a. Had 5 or more drinks at least once in the past 12 months (if C6a =1 or 2).

[CATI create var and lab]

Ask alcohol questions in Problem Index below? ALC\_SCRN. 0 NO 1 YES

**DRUG SCREEN:** Ask questions for Drugs (Columns A & B) **ONLY ONCE**, and only if **ANY** drug was used once a month or more in the past 12 months (if (D4a ≥ 10 and D3=1 or 2))

**For positive screen results (First for Alcohol, then for all drugs combined):**

**Read questions E1 to E10 and record responses for Columns A and B.**

Substitute “alcohol” or “any drug” for [SUBST] below.

**NOTE:** The questions are to be asked only one time for “Drugs.” Before asking the DRUG questions, read the following to the respondent:

“I am going to ask you **one set** of questions about things that might have happened as a result of your using **any** of the drugs you have used in the past 12 months. I won’t be asking which drug was responsible for any particular thing, but only if it happened. Before I start, you reported, that you used **(recite drugs used once a month or more in past 12 months, if D4a >= 12)**. Is that correct?” (If NO, clarify and correct.)

[CATI create var and lab]

Ask drug questions in Problem Index below? DRUG\_SCRN. 0 NO 1 YES

A. Was there ever a time when...

0 NO ⇒ (GO TO NEXT SYMPTOM)

1 YES

7 DON'T KNOW ⇒ (GO TO NEXT SYMPTOM)

8 REFUSED ⇒ (GO TO NEXT SYMPTOM)

B. **FOR EACH “YES” ASK:** Did it happen in the past year?

0 NO

1 YES

7 DON'T KNOW

8 REFUSED



Diagnostic Questions  Was there ever a time when...	Alcohol		Any Drug	
	A. Ever	B. When	A. Ever	B. When
E1. You spent a lot of time using [SUBST], (pause) getting over its effects, (pause), or obtaining it?				
E2. You used [SUBST] much more often (pause) or in larger amounts than you intended to?				
E3. Using the same amount of [SUBST] had less effect than before, (pause) or it took more to feel the same effect?				
E4. Your use of [SUBST] often kept you from working, (pause) going to school, (pause) taking care of children, (pause) or taking part in recreational activities?				
E5. Your use of [SUBST] caused you to have emotional or psychological problems—such as feeling uninterested in things, depressed, suspicious of people, or paranoid? <b>(IF NO, RECORD AND GO TO E6.)</b> <b>(IF YES, Did you continue to use in spite of this? [RECORD AND CONTINUE.]</b>				
E6. Your use of [SUBST] caused you to have any physical health problems? <b>(IF NO, RECORD AND GO TO E7.)</b> <b>(IF YES, Did you continue to use in spite of this? [RECORD AND CONTINUE.]</b>				
E7. You wanted to stop using, (pause) or cut down on [SUBST] more than once, but found that you couldn't?				
E8. You made rules about where, when or how much you would use [SUBST], and then broke the rules more than once?				
E9. You had any of the following symptoms as the effect of the [SUBST] was wearing off?	X	X	X	X
E9a. You had anxiety, sweating, hands trembling, or heart beating fast				
E9b. You had trouble sleeping or having bad dreams				
E9c. You were vomiting or feeling nauseous				
E9d. You were seeing, hearing, or feeling things that weren't really there				
E9e. You were feeling either very slowed down, or like you couldn't sit still				
E9f. You had seizures or fits				
<b>READ THE FOLLOWING 4 SYMPTOMS (●) FOR DRUGS ONLY:</b>				
E9g. You were feeling exhausted, or sleeping more than you normally do	X	X		
E9h. You had diarrhea	X	X		
E9i. You had cramps or muscle aches	X	X		
E9j. You were eating either more or less than you usually do	X	X		
E10. [for alcohol] You took <b>ALCOHOL</b> to prevent or cure these problems?				
E10. [[for drug] You took more of the drug that caused these symptoms to prevent or cure these problems?				

## F. OTHER BEHAVIORS

F1. To F11. I am going to ask you how many times several experiences might have happened to you in the past 12 months. For each one, if you have not had the experience, answer “none.”

**(IF (C3 ≠ 1 OR 2) AND (D3 ≠ 1 OR 2 for any drug) THEN SKIP QUESTIONS F4, F5, F6, F7, and F11)**

A. How many times in the past 12 months ... ?

\_\_\_\_\_ # OF TIMES    ⇒ **(Range 0-20, CODE ‘0’ – None, CODE ‘20’ – ‘20 OR MORE’; if ‘0’, skip to next behavior)**  
 77    *DON'T KNOW*    ⇒ **(SKIP TO NEXT BEHAVIOR)**  
 88    *REFUSED*        ⇒ **(SKIP TO NEXT BEHAVIOR)**

**(IF C3 ≠1 OR 2 SKIP COLUMN B.)**

B. How many of these involved you drinking alcohol?

\_\_\_\_\_ # OF TIMES **(CODE 6 OR MORE AS 6)**  
 7    *DON'T KNOW*  
 8    *REFUSED*

**(IF D3 ≠1 OR 2 for any drug SKIP COLUMN C.)**

C. How many involved you using drugs?

\_\_\_\_\_ # OF TIMES **(CODE 6 OR MORE AS 6)**  
 7    *DON'T KNOW*  
 8    *REFUSED*

In the past 12 months, . . .	A. Num	B. Alc	C. Drug
F1. Did you have any accidental injuries that required professional medical care?			
F2. Were you involved in any serious arguments?			
F3. Did you get into any physical fights?			
F4. Did friends, family members, or others complain about your using alcohol or drugs?			
F5. Did you drive at all after drinking or using drugs?			
F6. Were you arrested for driving under the influence of alcohol or drugs?			
F7. Were you arrested and booked for drunkenness or other liquor law violations?			
F8. Were you arrested and booked for possession or sale of drugs?			
F9. Were you arrested and booked for any other violation of the law, other than minor traffic violations?			
F10. Were you on probation or parole at any time?			
F11. Did you do anything else that could be considered risky after you used alcohol or drugs?			

## G. TREATMENT HISTORY

**[IF ((C1 = 0 or C1a=0) AND D1 = 0 FOR ALL DRUGS), SKIP THIS SECTION]**

The next questions are about counseling or treatment for alcohol or drugs, but not cigarettes or other tobacco. First I will ask about attendance at self-help group meetings. Do not include educational classes in any of your answers.

G1. Have you ever attended even one meeting of a self help group such as Alcoholics Anonymous or Narcotics Anonymous because you thought you might have a problem?

- 0 NO ⇒ (GO TO G2)
- 1 YES
- 7 DON'T KNOW
- 8 REFUSED

G1a. About how many self-help meetings have you ever attended in your entire life?

- 1 LESS THAN 10
- 2 10 TO 100
- 3 MORE THAN 100
- 7 DON'T KNOW
- 8 REFUSED

G1b. How long has it been since the last time you attended a self-help meeting?

- 1 WITHIN THE PAST 30 DAYS
- 2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS
- 3 MORE THAN 12 MONTHS AGO
- 7 DON'T KNOW
- 8 REFUSED

Now I will ask about professional help, not including self-help groups or educational classes.

**(NOTE: G2 is core question – try to avoid DK, refuse responses)**

G2. Have you ever received treatment or counseling for your use of alcohol or any drug?

- 0 NO ⇒ (GO TO G8)
- 1 YES ⇒ (GO TO G2a)
- 7 DON'T KNOW ⇒ (GO TO G8)
- 8 REFUSED ⇒ (GO TO G8)

G2a. How many times in your life have you been in treatment or counseling for your use of alcohol or any drug?

\_\_\_\_\_ # OF TIMES (RANGE 1 - 6 CODE MORE THAN 6 AS 6)

7 *DON'T KNOW*

8 *REFUSED*

G2b. Were you last in treatment or counseling for any drug or alcohol use ...

1 WITHIN THE PAST 30 DAYS?

2 MORE THAN 30 DAYS AGO BUT WITHIN THE PAST 12 MONTHS?

3 MORE THAN 12 MONTHS AGO?

7 *DON'T KNOW*

8 *REFUSED*

G3. What was the **main** place where you received treatment or counseling the last time for any drug or alcohol use?

1 HOSPITAL OVERNIGHT AS AN INPATIENT

2 HOSPITAL EMERGENCY ROOM

3 RESIDENTIAL DRUG OR ALCOHOL REHABILITATION FACILITY PROGRAM

4 OUTPATIENT DRUG OR ALCOHOL REHABILITATION PROGRAM

5 OUTPATIENT MENTAL HEALTH CENTER

6 PRIVATE THERAPIST OR DOCTOR'S OFFICE

7 PRISON OR JAIL

8 SOME OTHER PLACE

77 *DON'T KNOW*

88 *REFUSED*

G4. The last time you received treatment or counseling, was it for...

1 Alcohol use only?

2 Drug use only?

3 Both alcohol and drug use?

7 *DON'T KNOW*

8 *REFUSED*

G5. How did your treatment or counseling end? (**READ LIST**)

1 Still in treatment ⇒ (**GO TO G5c**)

2 Successfully completed treatment ⇒ (**GO TO G5b**)

3 Left treatment before completing it

7 *DON'T KNOW* ⇒ (**GO TO G5b**)

8 *REFUSED* ⇒ (**GO TO G5b**)

G5a. What was the **main** reason for not completing? Did you leave because ...

- 1 You had a problem with the program?
- 2 You couldn't afford to continue treatment?
- 3 Your family needed you
- 4 You began using alcohol or drugs again?
- 5 Staff discharged you
- 6 Some other reason: (**specify**) \_\_\_\_\_
- 7 *DON'T KNOW*
- 8 *REFUSED*

G5b. How long did you stay in treatment or counseling the last time?

- \_\_\_\_\_ # OF DAYS ⇒ (**GO TO G6**)
- 777 *DON'T KNOW* ⇒ (**GO TO G6**)
- 888 *REFUSED* ⇒ (**GO TO G6**)

G5c. How long have you been in treatment or counseling this time?

- \_\_\_\_\_ # OF DAYS
- 777 *DON'T KNOW*
- 888 *REFUSED*

G6. Did any of the following sources pay **even part** of the cost of your last treatment?  
 Answer yes or no to each as I read them. [**READ LIST OF SOURCES.**]

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

Payment sources	CODE	Payment sources	CODE
G6a. Private health insurance		G6f. Family members	
G6b. Medicare		G6g. The State or the courts	
G6c. Medicaid		G6h. Military health care	
G6d. Other public assistance program		G6i. Employer	
G6e. Your own savings or earnings		G6j. Some other source	

**(ASK G7 ONLY IF G2b = 1, 2, OR 3)**

G7. Were you enrolled in a treatment program for your alcohol or drug use on March 31, 2008? [STATE WILL INSERT DATE OF MOST RECENT NATIONAL SURVEY OF SUBSTANCE ABUSE TREATMENT SERVICES (NSSATS). SEE NOTES] Please include only formal inpatient or outpatient treatment you received at a hospital, drug rehabilitation facility, or mental health center.

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

**(IF C1 = 0, THEN GO TO G9)**

G8. During the past 12 months, did you **need** treatment or counseling for your use of alcohol but did not receive it?

- 0 NO ⇒ **(GO TO G9)**
- 1 YES ⇒ **(GO TO G8a)**
- 7 *DON'T KNOW*
- 8 *REFUSED*

G8a. During the past 12 months, did you **try** to get treatment or counseling for your use of alcohol?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

**(IF D1 = 0 FOR ALL DRUGS, THEN GO TO H1)**

G9. During the past 12 months, did you **need** treatment or counseling for your use of drugs but did not receive it?

- 0 NO ⇒ **(GO TO SECTION H)**
- 1 YES ⇒ **(GO TO G9a)**
- 7 *DON'T KNOW*
- 8 *REFUSED*

G9a. During the past 12 months, did you **try** to get treatment or counseling for your use of drugs?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

**IF C6, C7, or C8 (Alcohol Use) was “Yes” AND respondent answered “Yes” to G8, OR IF D3 (Drug Use) was 1 or 2, OR D6 or D7 was “Yes” AND respondent answered “Yes” to G9 then say:  
(OTHER WISE SKIP TO G13)**

G10. “Now, I am going to read you a list of statements about the past 12 months. Please tell me if the statement is True or False. “In the last 12 months, a reason I did not get treatment for my use of alcohol or other substances was **[READ FIRST STATEMENT]**”

G10_	Obstacles	True	False	Don't Know	Refused
1.	because I never tried to get treatment.	1	2	7	8
2.	because, although I tried to get treatment, I didn't know where to find a treatment agency.	1	2	7	8
3.	because if I entered treatment I'd have to go away and live somewhere else for a while.	1	2	7	8
4.	because I couldn't find anybody to take care of my kids while I was in treatment.	1	2	7	8
5.	because I would lose custody of my kids if I was in treatment for substance abuse.	1	2	7	8
6.	because I didn't have any transportation to treatment.	1	2	7	8
7.	because I didn't have health insurance or Medicaid and could not afford treatment.	1	2	7	8
8.	because I was afraid my family, friends, or neighbors would find out.	1	2	7	8
9.	because I didn't want my employer to find out.	1	2	7	8
10.	because I didn't think treatment would help me stop using.	1	2	7	8
11.	because treatment takes too long.	1	2	7	8
12.	because I had gone to treatment once before and didn't like it.	1	2	7	8
13.	because they couldn't take me right away and I couldn't wait so long to get admitted.	1	2	7	8
14.	because I was afraid I'd get into trouble with the law if I went into treatment.	1	2	7	8
15.	because I wasn't ready to stop using	1	2	7	8
16.	because I decided I could handle the problem myself without treatment.	1	2	7	8
17.	because the treatment program's hours were not convenient.	1	2	7	8
18.	because the treatment program was too far away.	1	2	7	8
19.	In the last 12 months, is there any other reason you did not get treatment for your use of alcohol or other substances that I haven't already mentioned?	1	2	7	8
19a.	[if '1' in Q.19, record reason verbatim _____]				

G11. If you were to seek treatment today, how much time would you have to spend traveling by bus or car from your home to get to a treatment facility? Would you have to travel...

	Yes	No	Don't Know	Refused
a. more than an hour? (if "YES", stop; skip to G12.)	1	0	7	8
b. 31 to 60 minutes? (if "YES", stop; skip to G12.)	1	0	7	8
c. 15 to 30 minutes? (if "YES", stop; skip to G12.)	1	0	7	8
d. less than 15 minutes?	1	0	7	8

G12. And if were to seek treatment today, how much time would you be willing to travel by bus or car from your home to get treatment? Would you be willing to travel:

	Yes	No	Don't Know	Refused
a. more than 60 minutes? (if "YES", stop; skip to G13)	1	0	7	8
b. more than 30 minutes? (if "YES", stop; skip to G13)	1	0	7	8
c. more than 15 minutes?	1	0	7	8

(ASK ALL)

G13. How serious do you think the problem of alcohol and drug addiction is in New Jersey—very serious, somewhat serious, or not at all serious?

- 1 VERY SERIOUS
- 2 SOMEWHAT SERIOUS
- 3 NOT AT ALL SERIOUS
- 7 *DON'T KNOW*
- 8 *REFUSED*

G14. Suppose someone in your household had a problem with alcohol or drug abuse and wanted treatment. Would it be very easy, somewhat easy, somewhat difficult or very difficult to get the treatment they wanted?

- 1 VERY EASY
- 2 SOMEWHAT EASY
- 3 SOMEWHAT DIFFICULT
- 4 VERY DIFFICULT
- 7 *DON'T KNOW*
- 8 *REFUSED*



G15. Which statement comes CLOSER to your point of view? **(RANDOMIZE)**

1 “ALCOHOL AND DRUG ADDICTION IS MAINLY A HEALTH PROBLEM.”

**OR**

2 “ALCOHOL AND DRUG ADDICTION IS MAINLY A PERSONAL WEAKNESS?”

5 **BOTH (VOLUNTEERED)**

6 NEITHER/ CHOICES NOT APPROPRIATE

7 *DON'T KNOW*

8 *REFUSED*

## V. MILITARY SERVICE

V1a Have you ever served in any branch of the military for the United States?

- 0 NO ⇒ (Go to Next Section - H1)
- 1 YES
- 7 *DON'T KNOW* ⇒ (Go to Next Section - H1)
- 8 *REFUSED* ⇒ (Go to Next Section - H1)

V1b Are you currently part of any branch of the US military?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

V1c In what branch(es) of the Armed Forces do/did you serve? **(IF V1b = 1 then read “do”, ELSE ‘did’)**

- 1 ARMY (INCLUDE RESERVE)
- 2 NAVY (INCLUDE RESERVE)
- 3 MARINE CORPS (INCLUDE RESERVE)
- 4 AIR FORCE (INCLUDE RESERVE)
- 5 COAST GUARD (INCLUDE RESERVE)
- 6 ARMY NATIONAL GUARD
- 7 AIR NATIONAL GUARD
- 8 OTHER (SPECIFY: \_\_\_\_\_)
- 77 *DON'T KNOW*
- 88 *REFUSED*

V2. When did you serve in the Armed Services? (if necessary, **PROBE: Which is the period you served in the longest**) [Interviewer note: **CODE** period including **MOST** years of service; chose more than one response if necessary]

- 1 11/1918 TO 11/1941: PRE WWII
- 2 12/1941 TO 12/1946: WWII
- 3 1/1947 TO 6/1950: PRE-KOREAN WAR
- 4 7/1950 TO 1/1955: KOREAN WAR
- 5 2/1955 TO 7/1964: BETWEEN KOREAN -VIETNAM ERAS
- 6 8/1964 TO 4/1975: VIETNAM ERA
- 7 5/1975 TO 7/1990: POST-VIETNAM ERA
- 8 8/1990 TO 9/2000: PERSIAN GULF-MIDDLE EAST ERA
- 9 10/2000 TO PRESENT: CURRENT GULF WAR (IRAQ-AFGHANISTAN)
- 77 *DON'T KNOW*
- 88 *REFUSED*

V3. Did you ever receive hostile or friendly fire in a combat zone during your military service?

- 0. NO
- 1. YES
- 7. *DON'T KNOW*
- 8. *REFUSED*

V4. Do you have any medical problems resulting from your service in the military?

- 0. NO
- 1. YES
- 7. *DON'T KNOW*
- 8. *REFUSED*

V5. Do you have any psychological problems resulting from your service in the military?

- 0. NO
- 1. YES
- 7. *DON'T KNOW*
- 8. *REFUSED*

V6. Do you have any substance use problems resulting from your service in the military?

- 0. NO
- 1. YES
- 7. *DON'T KNOW*
- 8. *REFUSED*

## H. ADDITIONAL DEMOGRAPHICS

Now I am going to ask you a few more questions about your background and living situation before we complete the interview.

H1. Are you now attending or enrolled in school? By school, I mean any public or private school, GED program, trade school, or a college or university.

- 0 NO ⇒ **(GO TO H1a)**
- 1 YES ⇒ **(GO TO H2)**
- 7 *DON'T KNOW*
- 8 *REFUSED*

H1a. How old were you when you stopped attending school?

- \_\_\_\_\_ YEARS OLD **(Range 0-75, CODE 76 FOR 76 OR MORE;  
CODE '0' IF NEVER ATTENDED SCHOOL)**
- 77 *DON'T KNOW*
- 88 *REFUSED*

H2. How much school have you completed?

- 0 NONE
- 1 FIRST THROUGH 8TH GRADE
- 2 SOME HIGH SCHOOL, BUT NO DIPLOMA
- 3 HIGH SCHOOL GRADUATE OR GED
- 4 SOME COLLEGE, BUT NO DEGREE
- 5 ASSOCIATE DEGREE (2 YEAR)
- 6 COLLEGE GRADUATE (4 YEAR)
- 7 ADVANCED DEGREE (MASTERS OR HIGHER)
- 77 *DON'T KNOW*
- 88 *REFUSED*

H3. Which one of the following best describes your current marital status. Are you ...

- 1 MARRIED?
- 2 LIVING AS MARRIED?
- 3 NEVER MARRIED?
- 4 DIVORCED OR SEPARATED?
- 5 WIDOWED?
- 7 *DON'T KNOW*
- 8 *REFUSED*

H4. Were you born in the United States?

- 0 NO ⇒ (GO TO H4a)
- 1 YES ⇒ (GO TO H5)
- 7 *DON'T KNOW* ⇒ (GO TO H5)
- 8 *REFUSED* ⇒ (GO TO H5)

H4a. What country or U.S. territory were you born in?

COUNTRY OR U.S. TERRITORY: \_\_\_\_\_

H4b. About how many years have you lived in the United States?

\_\_\_\_\_ # OF YEARS (CODE 76 FOR 76 OR GREATER; CODE '0' IF LESS THAN 1 YEAR)

- 77 *DON'T KNOW*
- 78 *REFUSED*

H5. What is your current work status? [READ LIST]

- 1 WORKING FULL-TIME, 35 OR MORE HOURS PER WEEK IN ONE OR MORE JOBS ⇒ (GO TO H6)
- 2 WORKING PART-TIME ⇒ (GO TO H6)
- 3 NOT WORKING AT PRESENT ⇒ (GO TO H5A)
- 7 *DON'T KNOW* ⇒ (GO TO H6)
- 8 *REFUSED* ⇒ (GO TO H6)

H5a. Are you not working because you are ...

- 1 A SEASONAL WORKER?
- 2 A FULL-TIME HOMEMAKER?
- 3 IN SCHOOL?
- 4 RETIRED?
- 5 DISABLED FOR WORK?
- 6 OTHER?
- 7 *DON'T KNOW*
- 8 *REFUSED*

H6. Think now about the last 12 months. Did you have any children under 18 living with you most or all of the time?

- 0 NO ⇒ (GO TO H7)
- 1 YES ⇒ (GO TO H6a)
- 7 *DON'T KNOW*
- 8 *REFUSED*

H6a. How many of these children did you have primary care responsibilities for? By *primary care responsibilities*, I mean that you fed and clothed them and took care of them.

\_\_\_\_\_ # OF CHILDREN  
77 *DON'T KNOW*  
88 *REFUSED*

**[ASK H7 ONLY FEMALES, MALES SKIP TO H11]**

H7 How many children have you given birth to? This is not including adopted, still births, foster or step children. Please give me the number of males and females separately.

\_\_\_\_\_ # OF CHILDREN: MALES  
\_\_\_\_\_ # OF CHILDREN: FEMALES  
77 *DON'T KNOW*  
88 *REFUSED*

**[If # males=0 AND # females=0, THEN GO TO H7b]**

**[SKIP H7a if both Males and Females equal 0]**

H7a How many of these (Males/Females) are alive?

\_\_\_\_\_ # OF CHILDREN: MALES  
\_\_\_\_\_ # OF CHILDREN: FEMALES  
77 *DON'T KNOW*  
88 *REFUSED*

**[ASK H7b ONLY FEMALES AGE 50 OR LESS. FOR OTHERS GO TO H11.]**

H7b. Are you pregnant now?

0 NO  
1 YES ⇒ **(GOTO TO H11)**  
7 *DON'T KNOW*  
8 *REFUSED*

H8. Were you pregnant at any time in the last 12 months?

0 NO  
1 YES  
7 *DON'T KNOW*  
8 *REFUSED*

H8a. Have you given birth to a child in the last 12 months?

- 0 NO
- 1 YES
- 7 *DON'T KNOW*
- 8 *REFUSED*

H11. In studies like this, households are often grouped according to income. What was the total income of all persons in your household over the past year, including salaries or other earnings, interest, retirement, and so on, for all household members combined?

H11a. First, please tell me whether you want to give your answer in dollars per week, every two weeks, month or year?

- 1 PER WEEK
- 2 BI-WEEKLY (every two weeks)
- 3 PER MONTH
- 4 PER YEAR
- 7 *DON'T KNOW* ⇒ (GO TO FINISH)
- 8 *REFUSED* ⇒ (GO TO FINISH)

**[READ 'YOUR' INSTEAD OF 'YOUR HOUSEHOLD'S' IF S2 = 1.]**

H11b. Now, if you added up [*all your*] [*every household member's income*], how much would it be each [*week*] [*two weeks*] [*month*] [*year*]?

- \$ \_\_\_\_\_ (ENTER DOLLAR AMOUNT, ENTER "100" FOR < \$100)
- 0 NONE
  - 7 *DON'T KNOW*
  - 8 *REFUSED*

LANDLINE ASK L1

L1. Now thinking about your telephone use... Do you have a working cell phone?

- 1 YES, HAVE CELL PHONE
- 0 NO, DO NOT
- 7 DON'T KNOW
- 8 REFUSED

LANDLINE SKIP TO END

CELL PHONE ASK CE3

**CE3**

That's the end of the interview. We'd like to send you \$10 for your time. Can I please have your full name and a mailing address where we can send you the money? **INTERVIEWER**

**NOTE:** If respondent does not want to give full name, explain we only need it so we can make the \$10 check out to them personally.

1 **[ENTER FULL NAME] – INTERVIEWER: PLEASE VERIFY SPELLING**

2 **[ENTER MAILING ADDRESS]**

3 **[City]**

4 **[State]**

5 **CONFIRM ZIP from above**

9 **(VOL.) Respondent does not want the money**

That completes our survey. We appreciate your time and cooperation. Your answers, along with those of others, will help us better provide for the residents of **(STATE)**. We want to reassure you that your responses will be kept strictly confidential. Thank you so much. **(GO TO J2)**



## J. CLOSING

- J1a. Your household does not qualify for our survey. I appreciate your taking the time to speak with me. Thank you.
- J1b. People who are younger than 18 years old are not eligible to be interviewed in this study. I appreciate your taking the time to speak with me. Thank you.
- J1c. People who are on active duty in the armed forces are not eligible to be interviewed in this study. I appreciate your taking the time to speak with me. Thank you.
- J1d. That's all the questions I have. Unfortunately you do not qualify for this survey as we are looking for people who do not have a landline phone. Thank you for your time.
- J1e. That's all the questions I have. Unfortunately you do not qualify for this survey as we are looking for residents of New Jersey. Thank you for your time.
- J1z. Thank you for your time.

<b>DATE AND TIME INTERVIEW ENDED:</b>		
DATE: (MM:DD:YY)	____   ____   ____	
TIME: (HH:MM)	____   ____	AM=1 / PM=2: ____

### COMPLETE REMAINING QUESTIONS AFTER ENDING PHONE CALL.

- J2. How would you (the interviewer) rate the quality of the information obtained in this interview?
- 4 Excellent (no problems at all) ⇒ **(GO TO THE END)**
  - 3 Good (a few problems but overall comprehension good)
  - 2 Fair (a number of problems, but overall acceptable)
  - 1 Poor (many problems, overall quality open to question)
  - 0 Inadequate (interview was terminated by interviewer, or quality judged too poor to be included in data set)
- J3. **(IF NOT EXCELLENT)** What were the reasons that the quality of information was less than excellent? **(CHECK ALL THAT APPLY.)**
- 1 Interview not in respondent's native language \_\_\_\_\_
  - 2 Hearing (hearing loss or background noise) \_\_\_\_\_
  - 3 Interruptions or distractions \_\_\_\_\_
  - 4 Poor phone connection \_\_\_\_\_
  - 5 Infirm (too old, weak, sick) \_\_\_\_\_
  - 6 Intoxication \_\_\_\_\_
  - 7 Respondent was rushed \_\_\_\_\_
  - 8 Respondent did not take interview seriously \_\_\_\_\_
  - 9 Respondent did not understand \_\_\_\_\_  
the meaning of some of the questions.
  - 10 Respondent was offended by interview \_\_\_\_\_

- 11 Respondent may not have been truthful \_\_\_\_\_  
because someone else was listening
- 12 Other (**SPECIFY:** \_\_\_\_\_)
- ☺ THE END ☺

**APPENDIX D:**  
**Required STNAP Tables**



## POPULATION ESTIMATES

The population for the study was adults over the age of 17 years who reside in households and have working telephone numbers in their residential homes. Therefore all statements made in the report and in the following tables refer to either New Jersey's total adult population or some adult subpopulation. Readers should refer to Table D-A for Census figures/survey estimates on the New Jersey adult population and subgroups. The U.S. Census Bureau's July 2007 County Characteristics Resident Population Estimates Files was used to obtain adult population and sub-population figures for Gender, Region and Race/Ethnicity. Education was obtained from the August 2008 release of the Annual County Resident Population Estimates by Age, Sex, Race, and Hispanic Origin of the Current Population survey. Age was obtained from 2005-2007 American Community Survey 3-Year Estimates. With regard to income and employment where it was not possible to match the categories requested. Therefore, survey estimates were used to derive these numbers. Obviously, these survey estimates are prone to response error inherent in any survey but also to the particular non-response error for questions involving income and employment where subjects may not accurately represent their income and employment situation. Population estimates in the tables that follow are derived from multiplying the census figures/survey estimates by the relevant percentages.

**TABLE D-A: Census Data for Total New Jersey Adult Population and Adult Sub-Populations**

	Census Data		Census Data
<b>New Jersey Total Population</b>	6,622,131	<b>Gender</b>	
<b>Age</b>		Male	3,192,012
18-24	758,473	Female	3,430,119
25-34	1,083,079	<b>Race/Ethnicity</b>	
35-44	1,380,265	White	4,257,748
45-64	2,265,523	Black/African-American	833,966
65+	1,134,791	Hispanic	975,735
<b>Income*</b>		Asian	490,442
\$0 - \$9,999	229,786	Other	64,240
\$10,000 - 19,999	395,813	<b>Education</b>	
\$20,000 - 29,999	472,829	Less than High School	803,602
\$30,000 - 39,999	445,052	High School	2,125,455
\$40,000 or higher	5,078,651	Some College	1,434,106
<b>Current Employment*</b>		College Grad or Higher	2,258,968
Full-time	3,263,463	<b>Region</b>	
Part-time	808,121	North	3,070,775
Unemployed	405,427	Central	1,717,884
Other (not in labor force)	2,145,120	South	1,832,472
* Data in these specific sub-populations could not be derived from the US Census so only survey estimates are used.			

**TABLE 1: Demographic Characteristics of the New Jersey Adult Household Population**

	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
Total State	14678		
Gender			
– Male	5807	39.6	52.3
– Female	8871	60.4	47.7
Age Group			
– 18-24	668	4.7	10.3
– 25-34	1411	9.8	14.3
– 35-44	2515	17.5	19.4
– 45-64	6403	44.6	38.2
– 65+	3348	23.3	17.8
Race/Ethnicity			
– White	10823	74.7	65.7
– Black/African-American	1509	10.4	12.5
– Hispanic	1428	9.9	14.4
– Asian	678	4.7	6.9
– Other	54	0.4	0.5
Education			
– Less than High School	1048	7.2	11.8
– High School	3444	23.7	32.2
– Some College	4001	27.5	21.7
– College Grad or Higher	6064	41.7	34.4
Income			
– \$0 - \$9,999	364	3.5	3.9
– \$10,000 - \$19,999	627	6.0	6.6
– \$20,000 - \$29,999	749	7.1	8.3
– \$30,000 - \$39,999	705	6.7	6.7
– \$40,000 or higher	8045	76.7	74.5
Current Employment			
– Full-time	7164	49.3	50.5
– Part-time	1774	12.2	12.9
– Unemployed	890	6.1	8.2
– Other (not in labor force)	4709	32.4	28.4
Region (SPA)			
– North	5657	38.5	46.7
– Central	3435	23.4	24.9
– South	5586	38.1	28.4

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population

	<i>Atlantic</i> (n=689)			<i>Bergen</i> (n=706)			<i>Burlington</i> (n=704)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	285	41.4	47.9	272	38.5	46.1	268	38.1	48.5
– Female	404	58.6	52.1	434	61.5	53.9	436	61.9	51.5
<b>Age Group</b>									
– 18-24	29	4.3	10.5	31	4.5	7.1	26	3.8	8.5
– 25-34	74	11.0	17.2	57	8.1	10.3	66	9.6	14.8
– 35-44	100	14.8	17.7	113	16.0	18.5	123	17.9	18.4
– 45-64	304	45.0	36.9	303	44.2	42.1	307	44.6	40.3
– 65+	168	24.9	17.7	181	26.4	22.0	167	24.2	17.9
<b>Race/Ethnicity</b>									
– White	495	72.6	65.8	539	77.3	72.4	553	79.3	74.8
– Black/African-American	99	14.5	15.2	33	4.7	5.4	81	11.6	15.4
– Hispanic	68	10.0	12.4	91	13.1	13.9	33	4.7	4.8
– Asian	19	2.8	5.9	33	4.7	8.1	26	3.7	3.8
– Other	1	0.1	0.8	1	0.1	0.2	4	0.6	1.2
<b>Education</b>									
– Less than High School	69	10.0	17.6	39	5.6	7.6	36	5.2	9.1
– High School	184	26.8	40.4	117	16.6	20.9	171	24.5	33.3
– Some College	213	31.0	21.2	176	25.3	23.5	189	27.1	21.9
– College Grad or Higher	221	32.2	20.8	365	51.7	48.0	301	43.2	35.7
<b>Income</b>									
– \$0 - \$9,999	19	3.8	4.5	8	1.7	1.4	15	2.9	3.5
– \$10,000 - \$19,999	37	7.3	8.6	18	3.9	4.0	29	4.1	5.2
– \$20,000 - \$29,999	42	8.3	10.7	19	4.1	4.5	35	5.0	6.5
– \$30,000 - \$39,999	52	10.3	12.0	32	6.9	6.4	27	5.3	6.2
– \$40,000 or higher	356	70.4	64.2	389	83.5	83.6	407	79.3	78.6
<b>Current Employment</b>									
– Full-time	324	47.3	47.3	331	46.9	49.8	347	49.9	53.3
– Part-time	77	11.2	12.4	92	13.2	13.4	105	15.1	14.8
– Unemployed	55	8.0	11.5	54	7.8	8.5	30	4.3	5.0
– Other (not in labor force)	229	33.4	28.8	219	31.5	28.4	213	30.6	26.8

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Camden</i> (n=723)			<i>Cape May</i> (n=682)			<i>Cumberland</i> (n=682)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	269	37.2	47.3	275	40.3	47.4	273	40.0	51.6
– Female	454	62.8	52.7	407	59.7	52.6	409	60.0	48.4
<b>Age Group</b>									
– 18-24	39	5.5	11.6	22	3.3	12.0	48	7.2	14.1
– 25-34	79	11.0	15.6	38	5.6	9.4	71	10.6	16.0
– 35-44	137	19.2	20.2	75	11.1	12.7	108	16.1	19.9
– 45-64	324	45.3	35.4	310	46.0	41.3	291	43.4	35.8
– 65+	136	19.0	17.2	33.6	34.0	24.7	152	22.7	14.1
<b>Race/Ethnicity</b>									
– White	513	71.7	67.0	622	91.9	91.3	449	66.7	57.8
– Black/African-American	122	17.1	17.6	29	4.3	3.8	104	15.2	19.4
– Hispanic	59	8.3	10.2	13	1.9	3.2	101	15.0	19.9
– Asian	18	2.5	4.3	11	1.6	1.4	17	2.5	2.4
– Other	3	0.4	0.9	2	0.3	0.2	2	0.3	0.4
<b>Education</b>									
– Less than High School	57	7.9	12.9	62	9.2	18.6	93	14.2	23.6
– High School	166	23.2	36.5	198	29.3	38.0	227	33.6	44.6
– Some College	218	30.4	22.4	192	28.4	20.3	202	29.9	19.4
– College Grad or Higher	276	38.5	28.2	224	33.1	23.1	150	22.2	12.7
<b>Income</b>									
– \$0 - \$9,999	14	2.6	3.2	20	3.9	4.5	24	4.6	4.4
– \$10,000 - \$19,999	40	7.5	8.9	35	6.8	7.9	61	11.6	13.7
– \$20,000 - \$29,999	60	11.2	13.6	52	10.2	9.9	42	8.0	9.0
– \$30,000 - \$39,999	47	8.8	9.2	44	8.6	9.9	52	9.9	9.8
– \$40,000 or higher	374	69.9	65.1	361	70.5	67.8	348	66.0	63.1
<b>Current Employment</b>									
– Full-time	348	48.4	46.4	267	39.5	38.1	311	46.1	48.3
– Part-time	81	11.3	12.6	83	12.3	13.9	69	10.2	12.0
– Unemployed	52	7.2	9.0	59	8.7	13.6	47	7.0	10.4
– Other (not in labor force)	238	33.1	32.1	267	39.5	34.4	248	36.7	29.2



**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Essex</i> (n=715)			<i>Gloucester</i> (n=692)			<i>Hudson</i> (n=706)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	274	38.3	45.5	272	39.3	47.9	280	39.7	48.9
– Female	441	61.7	54.5	420	60.7	52.1	426	60.3	51.1
<b>Age Group</b>									
– 18-24	54	7.8	13.1	36	5.3	14.3	62	9.0	14.3
– 25-34	77	11.1	14.3	88	13.0	15.6	105	15.3	17.6
– 35-44	122	17.7	20.4	124	18.4	17.1	122	17.8	21.5
– 45-64	307	44.4	36.5	270	40.0	36.5	271	39.4	33.5
– 65+	131	19.0	15.7	157	23.3	16.4	127	18.5	13.1
<b>Race/Ethnicity</b>									
– White	328	46.5	38.9	582	85.2	84.5	265	38.2	36.6
– Black/African-American	250	35.5	39.1	70	10.2	9.5	99	14.3	11.3
– Hispanic	94	13.3	17.1	14	2.0	3.3	247	35.6	39.4
– Asian	31	4.4	4.5	13	1.9	2.1	80	11.5	12.1
– Other	2	0.3	0.4	4	0.6	0.6	3	0.4	0.5
<b>Education</b>									
– Less than High School	60	8.5	14.0	47	6.8	11.0	105	15.0	21.3
– High School	155	21.9	30.3	187	27.1	41.4	171	24.4	30.3
– Some College	180	25.5	21.9	232	33.7	24.6	170	24.3	19.0
– College Grad or Higher	312	44.1	33.7	223	32.4	23.0	254	36.3	29.3
<b>Income</b>									
– \$0 - \$9,999	34	6.9	8.2	15	3.0	2.9	30	6.3	6.2
– \$10,000 - \$19,999	40	8.1	9.0	34	6.7	5.8	48	10.1	11.5
– \$20,000 - \$29,999	34	6.9	7.7	35	6.9	6.8	46	9.7	10.6
– \$30,000 - \$39,999	39	7.9	8.5	40	7.9	6.9	53	11.2	12.3
– \$40,000 or higher	344	70.1	66.7	381	75.4	77.5	296	62.6	59.4
<b>Current Employment</b>									
– Full-time	362	51.3	49.3	342	49.9	49.9	327	46.6	46.5
– Part-time	89	12.6	12.5	79	11.5	12.5	79	11.3	13.3
– Unemployed	57	8.1	10.0	33	4.8	8.9	62	8.8	10.5
– Other (not in labor force)	197	27.9	28.1	231	33.7	28.8	233	33.2	29.8

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Hunterdon</i> (n=680)			<i>Mercer</i> (n=693)			<i>Middlesex</i> (n=718)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
Gender									
– Male	267	39.3	49.1	270	39.0	48.5	296	41.2	47.8
– Female	413	60.7	50.9	423	61.0	51.5	422	58.8	52.2
Age Group									
– 18-24	11	1.7	9.1	32	4.7	13.1	30	4.3	8.0
– 25-34	39	5.9	11.1	73	10.7	17.0	91	13.0	17.6
– 35-44	141	21.2	18.5	140	20.5	20.8	127	18.1	22.1
– 45-64	349	52.4	45.6	280	41.1	33.5	285	40.7	34.1
– 65+	126	18.9	15.7	157	23.0	15.6	168	24.0	18.2
Race/Ethnicity									
– White	621	92.4	89.8	438	64.0	61.0	468	67.0	59.6
– Black/African-American	6	0.9	3.0	120	17.5	18.4	59	8.4	8.3
– Hispanic	22	3.3	3.7	71	10.4	11.4	58	8.3	13.1
– Asian	23	3.4	3.5	52	7.6	7.8	111	15.9	18.8
– Other	0	0.0	0.0	3	0.4	1.0	3	0.4	0.2
Education									
– Less than High School	17	2.5	6.2	57	8.3	14.6	43	6.1	8.9
– High School	105	15.6	28.0	128	18.6	29.1	157	22.1	27.0
– Some College	158	23.4	21.4	175	25.4	21.1	150	21.1	20.0
– College Grad or Higher	395	58.5	44.4	330	47.8	35.2	360	50.7	44.1
Income									
– \$0 - \$9,999	13	2.7	2.4	17	3.5	5.0	16	3.2	3.6
– \$10,000 - \$19,999	13	2.7	2.4	24	4.9	6.8	23	4.6	5.1
– \$20,000 - \$29,999	11	2.3	3.6	36	7.3	7.7	27	5.4	6.9
– \$30,000 - \$39,999	13	2.7	2.8	27	5.5	5.0	21	4.2	3.2
– \$40,000 or higher	436	89.7	88.8	387	78.8	75.5	410	82.5	81.3
Current Employment									
– Full-time	366	54.3	54.8	335	48.3	49.0	372	52.5	55.7
– Part-time	73	10.8	12.4	91	13.1	13.9	77	10.9	11.8
– Unemployed	32	4.7	4.2	46	6.6	10.8	43	6.1	7.4
– Other (not in labor force)	203	30.1	28.6	216	31.2	26.3	217	30.6	25.2

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Monmouth</i> (n=714)			<i>Morris</i> (n=706)			<i>Ocean</i> (n=710)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	285	39.9	48.0	299	42.4	48.3	273	38.5	46.7
– Female	429	60.1	52.0	407	57.6	51.7	437	61.5	53.3
<b>Age Group</b>									
– 18-24	28	4.0	8.2	26	3.8	8.6	28	4.0	7.8
– 25-34	58	8.3	11.7	41	6.1	10.4	80	11.4	15.1
– 35-44	126	18.0	20.2	106	15.7	17.1	118	16.8	15.1
– 45-64	333	47.6	42.5	345	51.0	46.6	273	38.9	38.3
– 65+	155	22.1	17.4	159	23.5	17.2	202	28.8	23.7
<b>Race/Ethnicity</b>									
– White	592	83.9	80.5	608	87.5	79.6	619	88.2	89.7
– Black/African-American	35	5.0	6.8	12	1.7	2.6	22	3.1	2.7
– Hispanic	44	6.2	7.2	37	5.3	8.8	49	7.0	5.5
– Asian	31	4.4	5.1	36	5.2	8.7	8	1.1	1.2
– Other	4	0.6	0.4	2	0.3	0.3	4	0.6	0.9
<b>Education</b>									
– Less than High School	28	3.9	6.1	13	1.9	4.5	46	6.5	12.1
– High School	161	22.6	34.4	118	16.8	24.5	204	28.9	41.2
– Some College	191	26.9	22.6	159	22.6	20.8	225	31.9	22.1
– College Grad or Higher	331	46.6	36.9	412	58.7	50.2	230	32.6	24.7
<b>Income</b>									
– \$0 - \$9,999	14	2.7	2.8	14	2.9	2.8	15	2.8	2.8
– \$10,000 - \$19,999	13	2.5	2.3	17	3.5	3.5	33	6.1	6.3
– \$20,000 - \$29,999	34	6.6	8.0	17	3.5	4.5	44	8.2	9.7
– \$30,000 - \$39,999	24	4.6	4.2	22	4.5	4.3	39	7.2	7.8
– \$40,000 or higher	432	83.6	82.7	418	85.7	84.9	408	75.7	73.4
<b>Current Employment</b>									
– Full-time	369	52.2	53.3	388	55.7	59.5	291	71.3	44.5
– Part-time	88	12.4	12.6	85	12.2	13.2	103	14.6	12.9
– Unemployed	30	4.2	6.5	29	4.2	5.2	35	5.0	6.2
– Other (not in labor force)	220	31.1	27.6	194	27.9	22.0	276	39.1	36.4

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Passaic</i> (n=699)			<i>Salem</i> (n=678)			<i>Somerset</i> (n=697)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	269	38.5	47.9	249	36.7	47.5	298	42.8	48.6
– Female	430	61.5	52.1	429	63.3	52.5	399	57.2	51.4
<b>Age Group</b>									
– 18-24	54	7.8	15.6	28	4.2	11.4	15	2.2	6.7
– 25-34	61	8.9	11.9	69	10.3	13.6	56	8.0	14.6
– 35-44	130	18.9	20.4	98	14.7	17.2	133	19.1	22.3
– 45-64	286	41.6	34.4	294	44.1	38.0	327	46.9	41.2
– 65+	157	22.8	17.7	178	26.7	19.8	143	20.5	15.2
<b>Race/Ethnicity</b>									
– White	428	61.8	51.2	536	79.6	80.5	536	78.0	69.2
– Black/African-American	62	9.0	11.0	95	14.1	13.3	43	6.3	7.7
– Hispanic	166	24.0	32.3	28	4.2	4.1	39	5.7	11.1
– Asian	34	4.9	5.2	8	1.2	1.0	67	9.8	11.7
– Other	2	0.3	0.2	6	0.9	1.1	2	0.3	0.2
<b>Education</b>									
– Less than High School	65	9.3	15.0	67	10.0	15.2	15	2.2	5.8
– High School	175	25.0	37.6	213	31.7	40.7	95	13.8	23.0
– Some College	189	27.0	22.1	222	33.0	25.5	152	22.0	22.0
– College Grad or Higher	260	37.2	25.4	170	25.3	18.5	428	62.0	49.1
<b>Income</b>									
– \$0 - \$9,999	21	4.5	5.8	21	4.4	3.3	10	2.0	1.8
– \$10,000 - \$19,999	46	9.8	11.0	29	6.1	6.9	18	3.7	4.0
– \$20,000 - \$29,999	41	8.7	12.6	45	9.4	9.5	22	4.5	6.7
– \$30,000 - \$39,999	26	5.5	5.8	40	8.4	8.8	17	3.5	3.4
– \$40,000 or higher	335	71.4	64.8	342	71.7	71.5	424	86.4	84.1
<b>Current Employment</b>									
– Full-time	340	49.4	48.9	313	46.5	51.3	389	56.3	57.9
– Part-time	87	12.6	12.9	66	9.8	11.1	75	10.9	10.8
– Unemployed	45	6.5	9.0	33	4.9	5.4	35	5.1	7.2
– Other (not in labor force)	216	31.4	29.2	261	38.8	32.2	192	27.8	24.1

**TABLE 1a:** Demographic Characteristics of the New Jersey County Adult Household Population (cont.)

	<i>Sussex</i> (n=683)			<i>Union</i> (n=721)			<i>Warren</i> (n=680)		
	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>	<i>Number of Respondents</i>	<i>Unweighted Percent</i>	<i>Weighted Percent</i>
<b>Gender</b>									
– Male	278	40.7	49.2	288	39.9	47.6	267	39.3	47.9
– Female	405	59.3	50.8	433	60.1	52.4	413	60.7	52.1
<b>Age Group</b>									
– 18-24	16	2.4	6.7	39	5.6	10.0	14	2.1	8.1
– 25-34	46	6.9	15.1	82	11.7	15.6	60	9.1	15.4
– 35-44	123	18.5	20.1	136	19.4	19.2	113	17.1	19.1
– 45-64	337	50.6	43.1	299	42.7	37.1	308	46.5	39.2
– 65+	144	21.6	15.0	144	20.6	18.1	167	25.2	18.1
<b>Race/Ethnicity</b>									
– White	623	92.0	91.0	401	56.5	50.7	607	90.3	89.3
– Black/African-American	13	1.9	1.5	135	19.0	20.6	20	3.0	2.2
– Hispanic	25	3.7	5.1	143	20.1	23.7	26	3.9	5.8
– Asian	15	2.2	2.3	28	3.9	4.2	17	2.5	2.4
– Other	1	0.1	0.1	3	0.4	0.8	2	0.3	0.3
<b>Education</b>									
– Less than High School	17	2.5	3.7	67	9.3	17.0	42	6.3	11.9
– High School	144	21.2	34.7	185	25.8	38.3	183	27.3	38.9
– Some College	241	35.4	28.5	179	24.9	19.1	188	28.1	23.5
– College Grad or Higher	278	40.9	33.0	287	40.0	25.6	257	38.4	25.6
<b>Income</b>									
– \$0 - \$9,999	11	2.1	1.6	19	4.0	4.0	14	2.8	2.4
– \$10,000 - \$19,999	16	3.0	5.5	28	5.9	7.7	25	5.0	7.9
– \$20,000 - \$29,999	27	5.1	6.1	44	9.2	12.3	36	7.2	5.7
– \$30,000 - \$39,999	29	5.5	4.9	29	6.1	6.2	32	6.4	8.8
– \$40,000 or higher	449	84.4	81.9	357	74.8	69.8	391	78.5	75.2
<b>Current Employment</b>									
– Full-time	346	51.1	55.8	366	50.9	47.8	330	49.0	48.3
– Part-time	92	13.6	12.3	98	13.6	14.3	85	12.6	12.7
– Unemployed	30	4.4	6.0	45	6.3	8.6	38	5.6	11.6
– Other (not in labor force)	209	30.9	25.9	210	29.2	29.2	220	32.7	27.5

**TABLE 2:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Alcohol Use and Past Year Heavy Alcohol Use in the New Jersey Adult Household Population by Demographics

	Lifetime			Past Year			Past Year Heavy Use *			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	5501.0	83.07	0.74	4535.5	68.50	1.00	696.0	10.51	0.63	3576.0	54.00	1.05
Gender												
– Male	2756.9	86.37	0.92	2323.5	72.79	1.36	453.0	14.19	0.92	1909.8	59.83	1.40
– Female	2746.5	80.07	1.14	2214.8	64.57	1.42	245.6	7.16	0.58	1670.1	48.69	1.32
Age Group												
– 18-24	539.0	71.07	2.50	478.2	63.05	2.92	130.8	17.24	2.20	353.3	46.58	2.59
– 25-34	886.3	81.83	1.88	781.6	72.16	1.99	143.2	13.22	1.28	616.6	56.93	2.06
– 35-44	1168.8	84.68	1.53	1023.9	74.18	1.54	160.3	11.61	0.98	792.7	57.43	1.96
– 45-64	1983.7	87.56	0.83	1637.1	72.26	1.52	228.4	10.08	0.71	1320.1	58.27	1.36
– 65+	912.8	80.44	1.73	633.1	55.79	2.61	61.5	5.42	0.87	512.8	45.19	2.65
Race/Ethnicity												
– White	3829.4	89.94	0.58	3249.5	76.32	1.04	514.3	12.08	0.79	2649.6	62.23	1.21
– Black/African-American	629.6	75.50	2.06	447.4	53.65	2.86	60.6	7.26	1.00	331.2	39.71	2.42
– Hispanic	668.2	68.48	1.97	530.1	54.33	2.08	85.0	8.71	1.22	373.8	38.31	2.19
– Asian	317.6	63.96	2.78	262.8	52.93	3.31	29.3	5.89	1.07	182.7	36.79	3.14
– Other	39.9	68.64	8.36	28.9	49.67	8.28	11.6	20.00	7.25	20.6	35.47	8.66
Education												
– Less than High School	542.5	67.51	2.16	364.9	45.41	2.14	91.6	11.40	1.54	246.1	30.63	2.04
– High School	1725.2	81.17	1.67	1331.6	62.65	1.35	219.4	10.32	0.95	1010.0	47.52	1.53
– Some College	1225.4	85.45	1.24	1050.9	73.28	1.32	195.0	13.60	1.01	801.2	55.87	1.51
– College Grad or Higher	2012.5	89.09	0.69	1791.6	79.31	0.69	190.2	8.42	0.59	1514.9	67.06	0.80
Income												
– \$0 - \$9,999	176.5	76.80	2.93	120.9	52.60	3.98	31.7	13.78	2.84	101.2	44.06	4.07
– \$10,000 - \$19,999	267.7	67.64	2.67	173.9	43.93	3.12	28.8	7.28	1.41	105.0	26.53	2.23
– \$20,000 - \$29,999	354.7	75.02	2.63	249.6	52.79	2.71	64.5	13.65	2.21	172.4	36.45	2.43
– \$30,000 - \$39,999	373.5	83.93	2.51	279.0	62.68	2.86	42.0	9.43	1.45	195.9	44.01	2.59
– \$40,000 or higher	4584.5	90.27	0.59	4023.8	79.23	0.72	622.6	12.26	0.73	3257.5	64.14	0.96

**TABLE 2:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Alcohol Use and Past Year Heavy Alcohol Use in the New Jersey Adult Household Population by Demographics (cont.)

	Lifetime			Past Year			Past Year Heavy Use *			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment												
– Full-time	2859.1	87.61	0.64	2498.2	76.55	0.79	381.8	11.70	0.76	2022.7	61.98	0.99
– Part-time	647.7	80.15	1.70	564.2	69.82	1.71	81.8	10.12	1.09	436.0	53.96	1.81
– Unemployed	326.2	80.46	2.19	266.1	65.64	2.29	58.4	14.40	1.67	194.0	47.86	2.06
– Other (not in labor force)	1667.0	77.71	1.33	1185.4	55.26	1.69	159.0	7.41	0.77	900.5	41.98	1.58
Region (SPA)												
– North	2483.0	80.86	1.28	2074.6	67.56	1.71	289.9	9.44	0.83	1639.5	53.39	1.70
– Central	1457.5	84.84	1.24	1223.1	71.20	1.82	173.5	10.10	1.39	973.4	56.66	1.92
– South	1560.4	85.15	0.97	1239.7	67.65	1.33	231.3	12.62	1.05	965.4	52.68	1.53
*Heavy use is defined as drinking five or more drinks (four or more drinks for women) in a 24-hour period at least once a week or on four or more days in the past month												

**TABLE 2a:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Alcohol Use and Past Year Heavy Alcohol Use in the New Jersey Adult Household Population by County

	Lifetime			Past Year			Past Year Heavy Use*			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	167.2	81.30	1.49	132.2	64.30	1.83	20.4	9.93	1.14	100.8	49.05	1.91
Bergen	593.0	84.93	1.35	521.9	74.74	1.64	61.9	8.86	1.07	447.3	64.06	1.81
Burlington	291.0	84.80	1.36	231.0	67.34	1.77	38.5	11.21	1.19	186.5	54.36	1.88
Camden	322.5	83.69	1.37	267.2	69.33	1.72	51.4	13.35	1.27	207.2	53.77	1.86
Cape May	70.4	91.38	1.08	55.6	72.20	1.72	12.2	15.81	1.40	44.8	58.16	1.90
Cumberland	95.6	81.38	1.49	68.7	58.44	1.89	15.9	13.53	1.31	49.5	42.08	1.89
Essex	443.0	76.68	1.58	339.5	58.77	1.85	40.6	7.02	0.96	257.8	44.63	1.87
Gloucester	193.3	88.40	1.22	149.0	68.16	1.77	34.4	15.75	1.39	115.7	52.94	1.90
Hudson	337.3	72.20	1.69	272.3	58.29	1.86	53.5	11.45	1.20	207.6	44.44	1.88
Hunterdon	91.2	91.81	1.05	81.4	81.97	1.48	11.6	11.64	1.23	67.4	67.82	1.80
Mercer	237.0	84.29	1.38	192.2	68.35	1.77	30.7	10.92	1.19	152.8	54.34	1.89
Middlesex	482.8	79.50	1.51	394.2	64.92	1.78	48.0	7.90	1.01	303.6	50.00	1.87
Monmouth	432.6	88.75	1.18	372.4	76.41	1.59	62.1	12.73	1.25	299.2	61.39	1.83
Morris	343.3	92.33	1.00	295.0	79.35	1.53	42.6	11.46	1.20	238.9	64.27	1.81
Ocean	379.3	87.32	1.25	311.0	71.59	1.70	55.5	12.78	1.25	245.3	56.47	1.87
Passaic	268.5	73.60	1.67	226.5	62.09	1.84	26.3	7.20	0.98	175.2	48.03	1.89
Salem	42.7	83.85	1.42	29.4	57.77	1.90	6.4	12.50	1.27	21.3	41.90	1.90
Somerset	210.1	86.60	1.29	181.3	74.72	1.65	19.0	7.84	1.02	142.9	58.87	1.87
Sussex	105.0	91.48	1.07	91.0	79.26	1.56	15.5	13.50	1.31	71.6	62.42	1.86
Union	323.1	82.03	1.43	267.9	68.00	1.74	35.3	8.95	1.06	200.2	50.83	1.86
Warren	71.9	86.37	1.32	58.2	69.90	1.76	12.3	14.72	1.36	45.2	54.27	1.91

*\*Heavy use is defined as drinking five or more drinks (four or more drinks for women) in a 24-hour period at least once a week or on four or more days in the past month*



**TABLE 3:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Alcohol Dependence or Abuse in the New Jersey Adult Household Population by Demographics\*

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	390.0	5.89	0.53	156.9	2.37	0.33	418.5	6.32	0.47
Gender									
– Male	274.8	8.61	0.83	117.2	3.67	0.61	301.7	9.45	0.53
– Female	117.0	3.41	0.45	40.8	1.19	0.21	119.4	3.48	0.43
Age Group									
– 18-24	86.2	11.37	2.16	62.8	8.28	1.78	59.2	7.81	1.31
– 25-34	118.2	10.91	1.20	54.6	5.04	0.84	95.6	8.83	0.97
– 35-44	95.5	6.92	0.93	25.8	1.87	0.44	98.8	7.16	0.85
– 45-64	103.1	4.55	0.50	26.1	1.15	0.24	148.6	6.56	0.67
– 65+	12.3	1.08	0.21	3.1	0.27	0.13	30.1	2.65	0.59
Race/Ethnicity									
– White	277.6	6.52	0.62	103.0	2.42	0.36	306.6	7.20	0.60
– Black/African-American	41.2	4.94	0.94	18.3	2.19	0.69	39.0	4.67	0.76
– Hispanic	50.0	5.12	0.91	27.8	2.85	0.75	44.7	4.58	0.79
– Asian	20.2	4.07	1.42	7.5	1.50	0.83	23.4	4.71	1.04
– Other	5.2	9.00	5.46	2.8	4.80	4.68	4.4	7.48	5.28
Education									
– Less than High School	40.4	5.03	1.02	21.6	2.69	0.79	32.0	3.98	0.95
– High School	95.7	4.50	0.60	45.3	2.13	0.42	95.2	4.48	0.56
– Some College	118.2	8.24	0.82	52.2	3.64	0.66	110.1	7.68	0.80
– College Grad or Higher	137.6	6.09	0.56	37.7	1.67	0.29	184.3	8.16	0.65
Income									
– \$0 - \$9,999	20.8	9.03	2.22	14.6	6.37	2.04	12.6	5.47	1.74
– \$10,000 - \$19,999	8.9	2.24	0.62	2.9	0.73	0.46	10.5	2.65	0.70
– \$20,000 - \$29,999	24.8	5.24	1.40	19.9	4.21	1.31	15.8	3.34	0.89
– \$30,000 - \$39,999	34.4	7.73	1.90	11.2	2.51	0.89	23.0	5.16	1.39
– \$40,000 or higher	379.4	7.47	0.60	125.4	2.47	0.34	440.3	8.67	0.57

**TABLE 3:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Alcohol Dependence or Abuse in the New Jersey Adult Household Population by Demographics (cont.)

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment									
– Full-time	230.4	7.06	0.54	74.4	2.28	0.32	271.9	8.33	0.54
– Part-time	42.6	5.27	0.75	24.6	3.04	0.66	39.0	4.83	0.66
– Unemployed	41.4	10.20	1.43	22.3	5.49	1.26	29.4	7.24	1.10
– Other (not in labor force)	62.6	2.92	0.49	28.1	1.31	0.33	71.2	3.32	0.49
Region (SPA)									
– North	162.4	5.29	0.75	62.0	2.02	0.42	186.7	6.08	0.70
– Central	113.2	6.59	1.01	48.6	2.83	0.62	120.4	7.01	1.06
– South	114.9	6.27	1.02	46.5	2.54	0.69	112.2	6.12	0.71
*Lifetime abuse can not be calculated as questions only ask about last 12 months.									

**TABLE 3a:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Alcohol Dependence or Abuse in the New Jersey Adult Household Population by County

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	10.8	5.24	0.85	4.8	2.34	0.58	18.4	8.94	1.09
Bergen	41.9	6.00	0.89	11.0	1.57	0.47	51.9	7.43	0.99
Burlington	17.9	5.22	0.84	5.4	1.56	0.47	18.3	5.32	0.85
Camden	23.6	6.12	0.89	12.3	3.20	0.65	17.7	4.60	0.78
Cape May	5.5	7.10	0.98	1.8	2.33	0.58	4.9	6.35	0.93
Cumberland	6.6	5.60	0.88	3.2	2.76	0.63	7.2	6.15	0.92
Essex	24.7	4.28	0.76	13.0	2.25	0.56	31.9	5.53	0.86
Gloucester	14.0	6.41	0.93	4.4	2.00	0.53	15.9	7.27	0.99
Hudson	22.8	4.88	0.81	8.0	1.72	0.49	21.3	4.56	0.79
Hunterdon	6.2	6.24	0.93	2.7	2.71	0.62	7.0	7.00	0.98
Mercer	21.5	7.65	1.01	11.8	4.20	0.76	25.4	9.02	1.09
Middlesex	29.1	4.79	0.80	12.1	2.00	0.52	28.5	4.69	0.79
Monmouth	40.3	8.27	1.03	18.1	3.71	0.71	42.0	8.62	1.05
Morris	32.2	8.67	1.06	12.5	3.36	0.68	31.3	8.41	1.05
Ocean	32.0	7.37	0.98	9.9	2.29	0.56	28.1	6.46	0.92
Passaic	11.0	3.01	0.65	4.8	1.32	0.43	16.1	4.41	0.78
Salem	2.7	5.37	0.87	1.2	2.28	0.57	2.9	5.61	0.89
Somerset	12.5	5.15	0.84	3.8	1.55	0.47	16.7	6.90	0.96
Sussex	8.3	7.23	0.99	3.9	3.38	0.69	9.0	7.85	1.03
Union	21.5	5.46	0.85	9.9	2.52	0.58	19.6	4.98	0.81
Warren	4.7	5.70	0.89	1.8	2.12	0.55	5.1	6.14	0.92
*Lifetime abuse can not be calculated as questions only ask about last 12 months.									

**TABLE 4:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Illicit Drug Use in the New Jersey Adult Household Population

	New Jersey								
	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Any Illicit Drug Use*	2,068.8	31.24	1.15	374.9	5.66	0.59	213.9	3.23	0.35
Any Core Illicit Drug Use**	2,064.8	31.18	1.15	367.5	5.55	0.58	209.3	3.16	0.35
Any Core Illicit Drug Use Excluding Marijuana***	882.7	13.33	0.81	130.5	1.97	0.26	57.0	0.86	0.13
<p>*Includes marijuana, cocaine, crack, heroin, other opiates, methamphetamines, other stimulants, hallucinogens, ecstasy.  **Includes marijuana, cocaine, crack, heroin, other opiates, hallucinogens, ecstasy.  ***Includes cocaine, crack, heroin, other opiates, hallucinogens, ecstasy.</p>									

**TABLE 4a:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Illicit Drug Use in the New Jersey Adult Household Population

	Any Illicit Drug Use*								
	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	73.1	35.57	1.83	14.8	7.21	0.99	10.9	5.30	0.85
Bergen	191.9	27.48	1.68	28.8	4.12	0.75	18.5	2.65	0.61
Burlington	127.8	37.24	1.82	19.9	5.81	0.88	10.2	2.97	0.64
Camden	134.6	34.94	1.77	24.9	6.46	0.91	13.4	3.48	0.68
Cape May	28.3	36.82	1.85	5.4	7.06	0.98	2.9	3.71	0.72
Cumberland	38.2	32.51	1.79	7.6	6.50	0.95	1.6	1.39	0.45
Essex	173.9	30.10	1.72	45.5	7.87	1.01	29.9	5.17	0.83
Gloucester	79.5	36.35	1.83	17.2	7.89	1.03	9.2	4.20	0.76
Hudson	113.4	24.28	1.62	19.3	4.13	0.75	12.1	2.59	0.60
Hunterdon	33.1	33.30	1.81	6.1	6.16	0.92	3.7	3.71	0.73
Mercer	100.0	35.55	1.82	16.9	6.00	0.90	9.5	3.38	0.69
Middlesex	158.3	26.06	1.64	24.8	4.08	0.74	17.6	2.90	0.63
Monmouth	182.0	37.34	1.81	32.0	6.56	0.93	15.5	3.18	0.66
Morris	138.6	37.29	1.82	28.8	7.75	1.01	17.0	4.58	0.79
Ocean	138.2	31.81	1.75	21.9	5.04	0.82	12.2	2.82	0.62
Passaic	79.2	21.70	1.56	13.6	3.73	0.72	7.3	1.99	0.53
Salem	14.2	27.92	1.72	2.5	4.82	0.82	1.1	2.15	0.56
Somerset	78.2	32.21	1.77	15.3	6.32	0.92	7.7	3.16	0.66
Sussex	45.8	39.94	1.88	7.5	6.55	0.95	3.4	2.95	0.65
Union	112.1	28.46	1.68	18.4	4.68	0.79	9.2	2.33	0.56
Warren	25.0	30.05	1.76	2.7	3.25	0.68	1.2	1.45	0.46

\*Includes marijuana, cocaine, crack, heroin, other opiates, methamphetamines, other stimulants, hallucinogens, ecstasy.

**TABLE 4b:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Core Illicit Drug Use in the New Jersey Adult Household Population

	Any Core Illicit Drug Use*								
	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	73.0	35.53	1.82	14.8	7.21	0.99	10.9	5.30	0.85
Bergen	191.9	27.48	1.68	28.8	4.12	0.75	18.5	2.65	0.61
Burlington	127.0	37.01	1.82	19.1	5.57	0.86	9.4	2.73	0.61
Camden	134.6	34.94	1.77	24.9	6.46	0.91	13.4	3.48	0.68
Cape May	28.3	36.82	1.85	5.4	7.06	0.98	2.9	3.71	0.72
Cumberland	38.2	32.51	1.79	7.7	6.54	0.95	1.6	1.39	0.45
Essex	173.9	30.10	1.72	45.5	7.87	1.01	29.9	5.17	0.83
Gloucester	79.5	36.35	1.83	17.2	7.89	1.03	9.2	4.20	0.76
Hudson	112.8	24.15	1.61	19.3	4.13	0.75	12.1	2.59	0.60
Hunterdon	33.1	33.30	1.81	6.1	6.16	0.92	3.7	3.71	0.73
Mercer	100.0	35.55	1.82	15.2	5.42	0.86	8.1	2.88	0.64
Middlesex	158.3	26.06	1.64	24.8	4.08	0.74	17.6	2.90	0.63
Monmouth	182.0	37.34	1.81	30.7	6.29	0.91	13.9	2.86	0.62
Morris	138.6	37.29	1.82	28.8	7.75	1.01	17.0	4.58	0.79
Ocean	136.3	31.38	1.74	20.2	4.66	0.79	11.9	2.74	0.61
Passaic	79.2	21.70	1.56	13.6	3.73	0.72	7.1	1.95	0.52
Salem	14.2	27.92	1.72	2.5	4.82	0.82	1.1	2.15	0.56
Somerset	78.0	32.13	1.77	14.7	6.06	0.90	7.0	2.90	0.64
Sussex	45.6	39.72	1.88	6.6	5.74	0.89	3.4	2.95	0.65
Union	112.1	28.46	1.68	18.4	4.68	0.79	9.2	2.33	0.56
Warren	25.0	30.05	1.76	2.0	2.45	0.59	1.2	1.45	0.46

\*Includes marijuana, cocaine, crack, heroin, other opiates, hallucinogens, ecstasy.

**TABLE 4c:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Core Illicit Drug Use excluding Marijuana in the New Jersey Adult Household Population

	Any Core Illicit Drug Use Excluding Marijuana*								
	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	33.9	16.47	1.41	5.9	2.88	0.64	3.1	1.51	0.47
Bergen	77.9	11.16	1.19	5.1	0.73	0.32	2.2	0.32	0.21
Burlington	47.4	13.81	1.30	4.9	1.43	0.45	0.9	0.27	0.20
Camden	54.7	14.19	1.30	12.5	3.24	0.66	4.3	1.12	0.39
Cape May	13.2	17.17	1.45	0.1	0.19	0.17	0.1	0.08	0.11
Cumberland	17.8	15.15	1.37	3.4	2.88	0.64	0.4	0.35	0.22
Essex	71.2	12.33	1.23	13.6	2.36	0.57	8.4	1.46	0.45
Gloucester	34.9	15.98	1.39	7.4	3.40	0.69	3.4	1.57	0.47
Hudson	55.0	11.77	1.21	9.2	1.96	0.52	5.4	1.16	0.40
Hunterdon	14.3	14.41	1.35	1.9	1.90	0.52	0.6	0.62	0.30
Mercer	40.3	14.34	1.33	4.3	1.52	0.46	2.2	0.79	0.34
Middlesex	63.0	10.37	1.14	10.0	1.65	0.48	2.3	0.38	0.23
Monmouth	80.2	16.46	1.39	11.3	2.31	0.56	6.1	1.26	0.42
Morris	58.4	15.72	1.37	11.5	3.10	0.65	6.2	1.67	0.48
Ocean	59.5	13.70	1.29	5.8	1.34	0.43	2.5	0.57	0.28
Passaic	40.9	11.22	1.20	6.4	1.76	0.50	1.9	0.52	0.27
Salem	6.9	13.57	1.32	0.9	1.79	0.51	0.3	0.57	0.29
Somerset	30.3	12.47	1.25	7.5	3.10	0.66	2.0	0.81	0.34
Sussex	20.7	18.01	1.47	1.6	1.43	0.46	0.2	0.17	0.16
Union	49.3	12.52	1.23	5.0	1.27	0.42	3.3	0.84	0.34
Warren	10.6	12.67	1.28	1.1	1.30	0.44	0.5	0.60	0.30

\*Includes cocaine, crack, heroin, other opiates, hallucinogens, ecstasy.

**TABLE 5:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Marijuana Use in the New Jersey Adult Household Population

	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	1999.9	30.20	1.14	320.5	4.84	0.55	177.5	2.68	0.32
Gender									
– Male	1139.2	35.69	1.57	209.4	6.56	0.92	109.2	3.42	0.53
– Female	864.7	25.21	1.34	112.2	3.27	0.56	69.0	2.01	0.35
Age Group									
– 18-24	246.1	32.45	2.64	146.0	19.25	1.96	86.3	11.38	1.43
– 25-34	361.2	33.35	2.12	88.3	8.15	1.21	44.7	4.13	0.65
– 35-44	454.0	32.89	2.02	50.8	3.68	0.62	24.0	1.74	0.42
– 45-64	882.0	38.93	1.37	62.3	2.75	0.33	38.3	1.69	0.24
– 65+	81.6	7.19	0.99	2.7	0.24	0.15	0.2	0.02	0.02
Race/Ethnicity									
– White	1500.4	35.24	1.52	214.6	5.04	0.62	111.6	2.62	0.34
– Black/African-American	258.7	31.02	2.30	53.2	6.38	1.11	33.7	4.04	0.77
– Hispanic	146.1	14.97	1.35	28.5	2.92	0.68	19.6	2.01	0.54
– Asian	68.0	13.70	1.69	13.7	2.76	1.21	9.9	1.99	0.91
– Other	22.2	38.27	9.37	11.3	19.51	8.03	6.0	10.27	5.70
Education									
– Less than High School	150.3	18.70	2.03	35.9	4.47	0.95	21.8	2.71	0.71
– High School	581.5	27.36	1.84	91.8	4.32	0.69	61.2	2.88	0.52
– Some College	527.2	36.76	1.29	103.4	7.21	0.99	55.9	3.90	0.60
– College Grad or Higher	749.1	33.16	1.11	90.6	4.01	0.57	39.1	1.73	0.29
Income									
– \$0 - \$9,999	77.1	33.56	4.30	9.7	4.22	1.64	8.0	3.48	1.60
– \$10,000 - \$19,999	56.8	14.36	1.86	6.1	1.54	0.64	1.6	0.40	0.27
– \$20,000 - \$29,999	116.3	24.59	2.63	19.8	4.18	1.24	9.2	1.92	0.68
– \$30,000 - \$39,999	131.8	29.62	3.12	20.8	4.68	1.03	8.0	1.80	0.56
– \$40,000 or higher	1971.5	38.82	1.07	286.4	5.64	0.63	159.0	3.13	0.38



**TABLE 5:** Estimated Numbers and Percents of Lifetime, Past Year, and Past Month Marijuana Use in the New Jersey Adult Household Population (cont.)

	Lifetime			Past Year			Past Month		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>Se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment									
– Full-time	1204.9	36.92	1.09	152.1	4.66	0.51	80.6	2.47	0.30
– Part-time	227.4	28.14	1.63	62.1	7.69	1.25	30.0	3.71	0.89
– Unemployed	156.3	38.56	2.37	43.2	10.66	1.71	28.8	7.11	1.42
– Other (not in labor force)	373.7	17.42	1.41	48.3	2.25	0.42	28.1	1.31	0.29
Region (SPA)									
– North	856.1	27.88	1.59	143.7	4.68	0.80	80.5	2.62	0.48
– Central	535.8	31.19	2.27	80.1	4.66	1.08	45.9	2.67	0.64
– South	607.8	33.17	2.33	96.4	5.26	0.84	51.1	2.79	0.48

**TABLE 6: New Jersey, Regional, and National Comparisons of Substance Use in the Past Year by Age Group in 2003.**

Substance Used	2009 New Jersey (Percent)	2003 New Jersey (Percent)	2002 NHSDA* National (Percent)	2002 NHSDA Mid-Atlantic Regional (Percent)
Alcohol				
– 18-25 years old	64.4	75.9	77.9	82.2
– 26 or older	69.4	72.9	68.4	73.5
Marijuana				
– 18-25 years old	18.0	17.7	29.8	32.0
– 26 or older	3.2	2.9	7.0	6.6
Hallucinogens				
– 18-25 years old	4.0	4.6	8.4	8.6
– 26 or older	0.1	0.3	0.7	0.6
Cocaine				
– 18-25 years old	1.1	2.8	6.7	6.3
– 26 or older	0.4	0.6	1.8	1.9
Psychotherapeutics				
– 18-25 years old	7.1	6.8	14.2	11.2
– 26 or older	1.7	1.7	4.5	3.2
* Based on 2002 National Household Survey on Drug Abuse.				

**TABLE 7:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Drug Dependence or Abuse in the New Jersey Adult Household Population by Demographics\*

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	62.9	0.95	0.18	46.4	0.70	0.14	57.6	0.87	0.134
Gender									
– Male	47.9	1.50	0.35	34.8	1.09	0.27	44.7	1.40	0.24
– Female	15.1	0.44	0.11	11.7	0.34	0.10	13.4	0.39	0.12
Age Group									
– 18-24	32.1	4.23	1.05	25.9	3.42	0.84	23.6	3.11	0.71
– 25-34	19.5	1.80	0.47	15.4	1.42	0.42	11.6	1.07	0.43
– 35-44	10.1	0.73	0.34	6.5	0.47	0.17	8.8	0.64	0.24
– 45-64	7.7	0.34	0.09	3.9	0.17	0.06	12.9	0.57	0.14
– 65+	0.3	0.03	0.03	0.0	0.00	0.00	5.1	0.45	0.16
Race/Ethnicity									
– White	33.2	0.78	0.18	23.0	0.54	0.13	31.5	0.74	0.15
– Black/African-American	14.9	1.79	0.56	11.3	1.35	0.42	11.0	1.32	0.36
– Hispanic	10.2	1.04	0.35	9.1	0.93	0.34	11.7	1.20	0.39
– Asian	3.5	0.70	0.69	1.8	0.36	0.35	2.6	0.52	0.38
– Other	3.0	5.15	3.62	3.0	5.15	3.62	0.0	0.00	0.00
Education									
– Less than High School	11.6	1.44	0.47	10.9	1.35	0.47	5.5	0.69	0.29
– High School	14.5	0.68	0.23	11.1	0.52	0.22	16.5	0.78	0.20
– Some College	26.4	1.84	0.43	19.9	1.39	0.37	20.8	1.45	0.35
– College Grad or Higher	11.1	0.49	0.20	5.0	0.22	0.08	15.4	0.68	0.20
Income									
– \$0 - \$9,999	5.5	2.38	1.04	3.2	1.40	0.81	1.5	0.65	0.48
– \$10,000 - \$19,999	2.1	0.52	0.30	1.7	0.42	0.28	1.9	0.49	0.33
– \$20,000 - \$29,999	4.4	0.94	0.52	1.7	0.36	0.27	6.5	1.38	0.65
– \$30,000 - \$39,999	3.6	0.80	0.39	1.7	0.39	0.31	3.8	0.85	0.34
– \$40,000 or higher	51.8	1.02	0.26	37.1	0.73	0.20	54.9	1.08	0.23

**TABLE 7:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Drug Dependence or Abuse in the New Jersey Adult Household Population by Demographics (cont.)

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment									
– Full-time	30.7	0.94	0.24	21.2	0.65	0.19	27.1	0.83	0.17
– Part-time	8.2	1.02	0.37	5.5	0.68	0.29	7.4	0.91	0.36
– Unemployed	11.5	2.84	0.88	9.8	2.42	0.83	8.2	2.02	0.75
– Other (not in labor force)	8.8	0.41	0.13	6.9	0.32	0.12	13.7	0.64	0.17
Region (SPA)									
– North	31.3	1.02	0.28	20.3	0.66	0.19	30.1	0.98	0.21
– Central	13.4	0.78	0.30	12.7	0.74	0.30	16.5	0.96	0.31
– South	17.8	0.97	0.28	13.0	0.71	0.22	11.5	0.63	0.16
*Lifetime abuse can not be calculated as questions only ask about last 12 months.									

**TABLE 7a:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Drug Dependence or Abuse in the New Jersey Adult Household Population by County

	Lifetime Dependence			Past Year Dependence			Past Year Abuse		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	5.4	2.62	0.61	4.2	2.05	0.54	2.4	1.19	0.41
Bergen	5.0	0.72	0.32	3.4	0.48	0.26	4.5	0.64	0.30
Burlington	0.5	0.15	0.15	0.0	0.00	0.00	0.5	0.15	0.14
Camden	4.7	1.21	0.41	4.4	1.15	0.40	3.8	0.98	0.37
Cape May	1.2	1.56	0.47	1.2	1.56	0.47	0.7	0.96	0.37
Cumberland	1.0	0.89	0.36	0.8	0.65	0.31	0.4	0.36	0.23
Essex	8.7	1.50	0.46	4.3	0.75	0.32	10.9	1.88	0.51
Gloucester	2.1	0.98	0.38	2.1	0.98	0.38	1.5	0.68	0.31
Hudson	4.3	0.93	0.36	3.0	0.65	0.30	2.4	0.51	0.27
Hunterdon	1.4	1.41	0.45	0.2	0.17	0.16	0.9	0.93	0.37
Mercer	3.1	1.11	0.40	2.6	0.94	0.37	2.2	0.80	0.34
Middlesex	3.4	0.56	0.28	3.4	0.56	0.28	4.6	0.75	0.32
Monmouth	4.7	0.97	0.37	4.7	0.97	0.37	2.3	0.47	0.26
Morris	6.7	1.81	0.50	5.1	1.38	0.44	3.1	0.84	0.34
Ocean	2.9	0.66	0.31	0.4	0.10	0.12	2.7	0.63	0.30
Passaic	0.1	0.03	0.07	0.0	0.00	0.00	6.2	1.71	0.49
Salem	0.5	0.96	0.38	0.5	0.96	0.38	0.2	0.49	0.27
Somerset	0.8	0.34	0.22	0.7	0.28	0.20	5.0	2.06	0.54
Sussex	2.1	1.80	0.51	1.5	1.33	0.44	0.5	0.46	0.26
Union	3.1	0.78	0.33	2.7	0.69	0.31	1.6	0.40	0.24
Warren	0.5	0.60	0.03	0.5	0.60	0.30	1.0	1.24	0.42

\*Lifetime abuse can not be calculated as questions only ask about last 12 months.

**TABLE 8:** Estimated Numbers and Percents of Adults Meeting Lifetime DSM-IV Criteria for Substance Dependence or Abuse and Ever Received Treatment in the New Jersey Adult Household Population by Demographic Characteristics

	Lifetime Dependence and/or Abuse			Lifetime Treatment		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	738.4	11.15	0.81	207.3	3.13	0.32
Gender						
– Male	522.5	16.37	1.07	157.7	4.94	0.52
– Female	219.5	6.40	0.67	51.1	1.49	0.21
Age Group						
– 18-24	146.2	19.28	2.60	28.4	3.74	0.93
– 25-34	199.0	18.37	1.56	47.8	4.41	0.87
– 35-44	166.7	12.08	1.38	54.1	3.92	0.83
– 45-64	223.2	9.85	0.88	75.2	3.32	0.43
– 65+	41.8	3.68	0.60	10.6	0.93	0.30
Race/Ethnicity						
– White	518.6	12.18	0.97	138.8	3.26	0.35
– Black/African-American	80.9	9.70	1.35	46.1	5.53	1.04
– Hispanic	94.7	9.71	1.17	17.5	1.79	0.38
– Asian	37.8	7.62	1.86	2.7	0.54	0.38
– Other	9.3	16.04	7.17	2.1	3.63	3.34
Education						
– Less than High School	66.5	8.28	1.32	43.6	5.43	1.08
– High School	185.3	8.72	0.92	68.4	3.22	0.62
– Some College	206.5	14.40	1.22	59.8	4.17	0.49
– College Grad or Higher	284.2	12.58	0.89	38.9	1.72	0.30
Income						
– \$0 - \$9,999	30.2	13.14	3.07	16.2	7.06	2.31
– \$10,000 - \$19,999	18.3	4.63	0.91	13.0	3.29	1.00
– \$20,000 - \$29,999	41.6	8.79	1.79	12.8	2.71	0.79
– \$30,000 - \$39,999	50.2	11.27	1.94	22.8	5.12	1.28
– \$40,000 or higher	740.5	14.58	0.93	156.4	3.08	0.34

**TABLE 8:** Estimated Numbers and Percents of Adults Meeting Lifetime DSM-IV Criteria for Substance Dependence or Abuse and Ever Received Treatment in the New Jersey Adult Household Population by Demographic Characteristics (cont.)

	Lifetime Dependence and/or Abuse			Lifetime Treatment		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment						
– Full-time	452.3	13.86	0.85	94.0	2.88	0.34
– Part-time	75.7	9.37	1.03	21.1	2.61	0.56
– Unemployed	63.4	15.63	2.00	32.5	8.02	1.34
– Other (not in labor force)	130.2	6.07	0.70	53.4	2.49	0.41
Region (SPA)						
– North	315.7	10.28	1.86	80.5	2.62	0.45
– Central	216.6	12.61	1.70	61.5	3.58	0.70
– South	207.1	11.30	1.37	65.8	3.59	0.58

**TABLE 8a:** Estimated Numbers and Percents of Adults Meeting DSM-IV Criteria for Lifetime and Past Year Drug Dependence or Abuse in the New Jersey Adult Household Population by County

	Lifetime Dependence and/or Abuse			Lifetime Treatment		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Atlantic	28.5	13.85	1.32	13.6	6.61	0.95
Bergen	77.6	11.12	1.18	7.8	1.12	0.40
Burlington	33.0	9.61	1.11	13.8	4.01	0.74
Camden	41.7	10.82	1.16	9.7	2.51	0.58
Cape May	10.0	12.95	1.29	2.9	3.77	0.73
Cumberland	12.0	10.18	1.16	7.8	6.66	0.95
Essex	57.8	10.01	1.12	21.3	3.69	0.71
Gloucester	24.3	11.11	1.20	8.9	4.08	0.75
Hudson	41.3	8.84	1.07	13.5	2.89	0.63
Hunterdon	13.4	13.50	1.31	2.7	2.70	0.62
Mercer	44.7	15.89	1.39	18.8	6.70	0.95
Middlesex	54.5	8.98	1.07	9.7	1.59	0.47
Monmouth	69.4	14.24	1.31	23.3	4.77	0.80
Morris	56.0	15.07	1.35	8.0	2.16	0.55
Ocean	51.8	11.92	1.22	11.6	2.67	0.61
Passaic	28.3	7.77	1.01	6.7	1.85	0.51
Salem	4.8	9.53	1.13	1.7	3.37	0.69
Somerset	30.5	12.58	1.26	5.1	2.09	0.54
Sussex	15.1	13.14	1.29	3.3	2.88	0.64
Union	35.0	8.88	1.06	11.9	3.02	0.64
Warren	8.1	9.74	1.14	3.9	4.72	0.81



**TABLE 9:** Demand for Treatment Services in the Past Year in the New Jersey Adult Household Population

<b>Measure</b>	<i>Number (in thousands)</i>	<i>Percent</i>	<i>se</i>
<b>Received Assistance</b> (Any assistance <sup>1</sup> , Treatment Only <sup>2</sup> , Other Assistance <sup>3</sup> )	143.0	2.16	0.23
<b>Unmet Demand</b> (Any unmet demand <sup>4</sup> , Wanted additional services <sup>5</sup> , Felt the need for treatment, but received no assistance)	30.5	0.46	0.11
<sup>1</sup> Any assistance includes professional treatment and counseling self-help groups, education classes, etc <sup>2</sup> Treatment only includes treatment-detoxification, residential treatment, halfway house services or outpatient treatment) <sup>3</sup> Other assistance excludes professional treatment or counseling <sup>4</sup> Any unmet demand includes persons who wanted or felt the need for treatment, but did not receive assistance <sup>5</sup> Wanted additional services includes persons who received some AOD services, but wanted additional service			

**TABLE 10:** Estimated Numbers and Percents of Tobacco Use and Heavy Current Tobacco Use in the New Jersey Adult Household Population by Demographic Characteristics

	Lifetime			Past Year			Past Month			Current Heavy Use*		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Total State	3476.6	52.50	0.87	1340.3	20.24	0.92	1147.0	17.32	0.73	415.9	6.28	0.41
Gender												
– Male	1844.3	57.78	1.28	726.2	22.75	1.587	616.1	19.30	1.31	263.3	8.25	0.72
– Female	1635.8	47.69	0.99	616.1	17.96	1.01	532.4	15.52	0.79	153.7	4.48	0.33
Age Group												
– 18-24	325.7	42.94	2.65	251.9	33.21	2.70	190.5	25.11	2.08	55.4	7.31	1.22
– 25-34	570.9	52.71	2.02	306.5	28.30	1.78	254.7	23.52	1.62	79.2	7.31	0.99
– 35-44	688.2	49.86	1.70	280.9	20.35	1.47	239.2	17.33	1.40	87.0	6.30	0.85
– 45-64	1261.2	55.67	1.13	451.1	19.91	0.87	407.1	17.97	0.78	159.5	7.04	0.60
– 65+	629.2	55.45	2.40	92.9	8.19	0.70	84.5	7.45	0.63	38.5	3.39	0.48
Race/Ethnicity												
– White	2517.2	59.12	0.85	887.3	20.84	1.02	765.1	17.97	0.82	320.2	7.52	0.53
– Black/African-American	371.5	44.54	1.90	187.2	22.45	1.35	167.6	20.10	1.38	31.7	3.80	0.78
– Hispanic	388.3	39.80	2.15	185.6	19.02	1.97	150.6	15.43	1.61	45.0	4.61	0.75
– Asian	160.8	32.39	2.42	65.5	13.18	1.91	49.8	10.02	1.71	13.1	2.64	0.75
– Other	26.9	46.32	9.53	22.3	38.32	9.28	19.4	33.30	8.89	5.3	9.20	5.74
Education												
– Less than High School	412.8	51.37	2.27	220.1	27.39	2.32	203.8	25.36	2.16	84.6	10.53	1.41
– High School	1189.8	55.98	1.52	499.5	23.50	1.41	436.6	20.54	1.23	194.7	9.16	0.85
– Some College	803.4	56.02	1.18	376.2	26.23	1.32	319.4	22.27	1.16	93.9	6.55	0.61
– College Grad or Higher	1078.4	47.74	1.11	248.3	10.99	0.62	191.1	8.46	0.51	42.5	1.88	0.24
Income												
– \$0 - \$9,999	130.3	56.71	3.63	57.3	24.95	3.06	54.3	23.65	3.03	16.8	7.29	2.08
– \$10,000 - \$19,999	191.2	48.30	2.66	100.4	25.37	2.69	88.6	22.39	2.57	27.1	6.84	1.37
– \$20,000 - \$29,999	256.2	54.19	3.33	117.9	24.94	2.83	100.3	21.21	2.67	37.5	7.94	1.49
– \$30,000 - \$39,999	261.4	58.73	2.76	133.3	29.96	3.03	121.8	27.36	2.96	33.8	7.59	1.28
– \$40,000 or higher	2853.7	56.19	0.91	1023.4	20.15	0.95	860.3	16.94	0.80	339.3	6.68	0.52

**TABLE 10:** Estimated Numbers and Percents of Tobacco Use and Heavy Current Tobacco Use in the New Jersey Adult Household Population by Demographic Characteristics (cont.)

	Lifetime			Past Year			Past Month			Current Heavy Use*		
	<i>Number (thousands)</i>	<i>Percent</i>	<i>Se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>	<i>Number (thousands)</i>	<i>Percent</i>	<i>se</i>
Current Employment												
– Full-time	1726.4	52.90	0.85	671.0	20.56	0.88	566.2	17.35	0.80	195.5	5.99	0.51
– Part-time	416.3	51.51	1.92	175.1	21.67	1.90	146.4	18.12	1.53	40.0	4.95	0.82
– Unemployed	216.8	53.48	2.28	124.3	30.66	2.52	110.4	27.23	2.41	36.5	8.99	1.33
– Other (not in labor force)	1122.8	52.34	1.69	343.9	16.03	1.14	303.3	14.14	0.97	141.6	6.60	0.72
Region (SPA)												
– North	1513.3	49.28	1.29	566.9	18.46	1.20	474.4	15.45	0.86	160.0	5.21	0.49
– Central	893.1	51.99	1.87	316.6	18.43	1.67	264.6	15.40	1.47	88.0	5.12	0.79
– South	1067.2	58.24	1.45	453.5	24.75	1.87	404.4	22.07	1.61	165.8	9.05	0.88
*Current heavy use is defined as smoking one or more packs a day at the time of the survey.												