

Oregon Progress Board  
2006 Oregon Population Survey  
Technical Report

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# I. Background & Methodology

## Background and Objectives

In July 2006, the Oregon Progress Board, an independent state planning and oversight agency in the Oregon State Economic Development Department, contracted with Northwest Research Group, Inc. to conduct the biennial Oregon Population Survey with assistance from the Oregon Population Survey Task Force. This ongoing survey research project, first conducted in 1990, collects current, reliable, and representative data from Oregon residents on a variety of demographic, socioeconomic, and community-based satisfaction topics. Northwest Research Group, Inc. has conducted this research in 2002, 2004, and 2006.

## Methodology

This research effort consisted of two components:

- A base survey, in which all households in Oregon with telephones had a non-zero chance of being selected. In the base survey, a total of 3,243 Oregon households were interviewed. A minimum of 400 interviews were completed in each of eight regions. The number of interviews per county was determined by ascertaining the proportion of that county's population as compared to the population of the entire region.
- An ethnic / racial extension, which consisted of the same questionnaire as the base survey, but only included members of specific racial and ethnic groups. More than 400 interviews were completed in each of the following ethnic and racial subgroups: Hispanic, Native American, Asian-American, and 336 interviews for African-American.

It is important to note that in 2004 and 2006, the supplemental survey was folded into the base survey. In previous years, questions regarding attitudes toward Oregon were conducted as a separate survey, by re-contacting respondents from the base survey who agreed to participate in additional research. There were some concerns that this might bias these results as those individuals that agree to participate in additional research may be systematically different than those who do not agree. To reduce any possible bias, these questions were folded into the base survey. To minimize the length of the survey, the questions were divided into groups (education, social, environmental, and economy) that represented general topic areas and asked of random subgroups of all respondents.

Northwest Research Group performed the following services:

- Questionnaire consultation,
- Sample design and management,
- Data collection,
- Data preparation and analysis, and
- Presentation the final results to department and agency heads.

## II. Questionnaire

### Development

Northwest Research Group (hereinafter NWRG) worked with the Oregon Progress Board to fine tune and make necessary adjustments to the survey instrument while still maintaining consistency from previous years' studies to ensure compatibility and comparability of data. Several questions were deleted, reworded, or reordered. Several questions were also added. Appendix A contains the survey instrumentation. Changes made to the questionnaire are detailed in Appendix B.

The questionnaire used a closed-end, single and multiple response question format. In those situations where all possible responses were not known, an "other" category was included.

### Screener

- Trained interviewers screened respondents to ensure that they met the definition of a qualified respondent.
  - A qualified respondent was defined as a householder 18 years of age or older, with the most recent birthday.

### Content

The survey instrument contains the following major sections:

- Introduction / Screener
- Warm-Up Questions – Attitudes Toward Oregon
- Work / Employment Status
- Telecommuting
- Occupational Illness / Worker's Compensation
- Commuting
- Respondent / Relative Disabilities
- Childcare
- Library Use
- Volunteer Work
- Community Colleges and Workforce Development
- Education
- Transportation
- Oregon State Lottery
- Personal Shopping Patterns

- Banking / Payday Loan questions
- Dental Care / Coverage
- Health Insurance Coverage
- Household Expenses
- Technology
- Respondent Demographics
- Household Member Demographics
- Special Topics – Oregon Benchmarks, Taxation, and the Arts

After approximately two-thirds of the survey questions were asked of respondents, the household size was assessed and then a series of household grid questions were asked of the telephone respondent acting as a proxy for the respondent. The proxy interviews began with the oldest household member to the youngest and included both relatives and non-relatives. The All Oregonian dataset which includes all of the household grid data contains the variable REL which categorizes the relationship of the household member to the respondent and RELNUM which indicates the order of each relative for which the household grid questions were asked. The household grid contained a subset of questions asked of the respondent including demographics such as age, gender, race, ethnicity, and in-migration. Other topics included employment and occupation, health and dental insurance coverage, educational level attainment, disabilities, and library usage. There were two topics, schooling and childcare, that were asked of proxy respondents as part of the household grid that were not asked of respondents because they were directed at children. Additional school questions in the household grid discovered enrollment at public, private, chartered, or home-school where those who answered that the household member attended home-school were asked if they had attended a public school during the 2005-2006 school year. The household grid childcare question differed from childcare questions asked of respondents by focusing on the type and quality of childcare being received by the household member. Respondent childcare questions, on the other hand, focused on households that provided childcare.

In 2006, respondents were given the option to complete the household grid online. Out of the 482 respondents that agreed to complete the household grid online 237 or 6 percent of those surveyed used this on-line option.

Proxy data collected as part of the household grid varied between one additional household member up to a maximum of 10 and the data was restructured into the All Oregonian data file by assuming that each household member is an independent observation and not part of a household cluster. Over 5,700 interviews (5,788) were restructured into rows as part of creating the All Oregonian data file.

As in previous studies, the 2006 OPS asked a series of questions of respondents that required the respondent to make an assessment for the entire household. Questions included monthly utility expenses, annual educational expenses, disability among household members, childcare provision, rent or mortgage expenses, house value, type of home or residence, and household income.

The survey averaged 32 minutes with a standard deviation of 12.2 minutes.

Multiple language versions of the questionnaire were also prepared. As interviewers encountered Spanish speakers, they inquired of the respondent if they would prefer to complete the survey in Spanish, Chinese, Vietnamese Korean, or in English. If respondents preferred to complete the survey in Spanish, the call was immediately transferred to one of NWRG's specially trained Spanish language interviewers. If an interviewer was not available, the call was scheduled for an immediate callback. NWRG contracted with Interviewing Services of America to conduct the Asian language surveys. In all, 200 non-English language interviews were completed.

Language	# of Interviews
Spanish	138
Chinese	19
Korean	15
Vietnamese	28

# III. Sampling

## Sampling Frame

Sample was purchased from Survey Sampling International, Inc., a international sampling company. Sample was divided by region and purchased equally for all eight regions for the Base study, see table below. Sample was allocated proportionally within each region by county. Sample replicates were used by NWRG. For the base sample, an approximately equal number (n = 400) of surveys was completed in each region.

Region	2006 Counties
1	Clatsop, Columbia, Lincoln, Tillamook
2	Clackamas, Multnomah, Washington, Yamhill
3	Benton, Lane, Linn, Marion, Polk
4	Coos, Curry, Douglas, Jackson, Josephine
5	Gilliam, Hood River, Morrow, Sherman, Umatilla, Wasco, Wheeler
6	Crook, Deschutes, Jefferson
7	Grant, Harney, Klamath, Lake
8	Baker, Malheur, Union, Wallowa

Sample was derived using the random digit dial (RDD) technique. This method ensures that the sample is representative of the entire “telephone household” populations, including those with new and unlisted numbers, not just those who are listed in telephone directories or other published sources. The person in the household to be surveyed was selected randomly, using the “last birthday” method. This method is widely accepted in the research community as a method of respondent selection, which helps minimize selection bias.

Alternative sampling frames including ethnic and racial densities, census tracts, and other targeted racial list frames were incorporated into the Augment study.

## Sample Representation of Population

The data were weighted to more accurately reflect the actual population. The weighting process used by NWRG for the 2006 Oregon Population Survey differed very little from the 2004 survey. The changes in weighting methodology that occurred between 2002 and 2004 were more dramatic and made use of some new advances in sample weighting, notably the use of more advanced raking methods.

Probability sampling assumes that each household has a known and non-zero probability of selection. In telephone surveys today, all households do not have an equal probability of selection. Weighting adjusts for the probability of being selected resulting from multiple telephone lines in the household, households without telephones, and number of adults in the household.

Post-stratification weighting adjusts the sample so that the distribution of the sample reflects the target population and acts as a non-response correction. Household weighting adjusts for the number of single-person versus multiple-person households and for primary racial / ethnic makeup of the household. Respondent weighting adjusts for distribution of age within

gender and for race / ethnicity. For a more in-depth discussion of the weighting process, see Appendix C.

## Sample Disposition

Each and every sample record attempted for both the Base and Augment studies were assigned a final disposition that was used to compute response rates, refusal rates, and other sample diagnostic rates. NWRG used rate formulas provided by the American Association for Public Opinion Research to calculate response rates and other sample performance measures. Rates for 2006 may differ from previous years' estimates due to the conservative nature of the AAPOR rates.

- Response Rate (Base Survey) = 33%.  $\frac{[\text{Completed Interviews}] + [\text{Completed and Partially Completed Interviews}]}{[\text{Completed Interviews}] + [\text{Completed and Partially Completed Interviews}] + [\text{Refusals, Non-contacts, and Other non-contacts}] + e \cdot [\text{Unknown Households}]}$
- Refusal Rate (Base Survey) = 15%.  $\frac{[\text{Refusals}]}{[\text{Completed and Partially Completed Interviews}] + [\text{Refusals, Non-contacts, and Other non-contacts}] + e \cdot [\text{Unknown Households}]}$
- Response Rate (Augment Survey) = 12%.  $\frac{[\text{Completed Interviews}]}{[\text{Completed and Partially Completed Interviews}] + [\text{Refusals, Non-contacts, and Other non-contacts}] + e \cdot [\text{Unknown Households}]}$
- Refusal Rate (Augment Survey) = 25%.  $\frac{[\text{Refusals}]}{[\text{Completed and Partially Completed Interviews}] + [\text{Refusals, Non-contacts, and Other non-contacts}] + e \cdot [\text{Unknown Households}]}$

*\*“e” refers to the estimated number of households that exist among disconnected and non-working numbers based on the contact rate of known numbers. Response rates and refusal rates are based on The American Association for Public Opinion Research published Standard Definitions – Final Dispositions of Case Codes and Outcome Rates for Surveys. The document can be obtained at [www.aapor.org](http://www.aapor.org).*

<b>Final Base Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	6,816	19%
Busy	427	1%
Answering Machine	1,735	5%
Message Left	358	1%
Callback Introduction	667	2%
Possible Disconnect	425	1%
Verified Non-working	11,138	30%
Business	3,623	10%
Privacy Manager	30	0%
Initial Refusal	5,714	16%
Final Refusal	1,234	3%
Never	47	0%
Screener Refusal	0	0%
Communication Barrier	303	1%
Language Barrier (Unknown)	71	0%
Language Barrier (Spanish)	10	0%
Language Barrier (Vietnamese)	1	0%
Language Barrier (Chinese)	5	0%
Language Barrier (Korean)	1	0%
Targeted Respondent Not Available	97	0%
Interview In Progress	116	0%
Mid-terminate	219	1%
No Head of Household / No one over 18	21	0%
Out of Area	33	0%
OQ - Region 1	0	0%
OQ - Region 2	5	0%
OQ - Region 3	8	0%
OQ - Region 4	7	0%
OQ - Region 5	4	0%
OQ - Region 6	9	0%
OQ - Region 7	1	0%
OQ - Region 8	0	0%
Partial Complete – did not finish HH Grid online	177	0%
Complete	3,243	9%
Total Attempted Sample	36,545	100%

### Final Augment Sample Disposition Report

<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	13,049	24%
Busy	518	1%
Answering Machine	4,083	7%
Message Left	1,370	2%
Callback Introduction	1,083	2%
Disconnected / Nonworking	14,782	27%
Verified Disconnected / Nonworking	234	0%
Business	3,243	6%
Privacy Manager	34	0%
Initial Refusal	7,517	14%
Final Refusal	1,930	3%
Never Call	71	0%
Screener Refusal	0	0%
Communication Barrier	576	1%
Language Barrier (Unknown)	199	0%
Language Barrier (Spanish)	33	0%
Language Barrier (Vietnamese)	91	0%
Language Barrier (Chinese)	120	0%
Language Barrier (Korean)	59	0%
Targeted Respondent Not Available	51	0%
Interview In Progress	77	0%
Mid-Terminate	124	0%
No Head of Household / No One Over 18	23	0%
Out Of Area	43	0%
OQ - Hispanic	30	0%
OQ - African Americans	0	0%
OQ - Native Americans	25	0%
OQ - Asian Pacific Islanders	11	0%
NQ - Caucasian Only	4,841	9%
Partial Complete – did not finish HH Grid online	104	0%
Complete Interview	1,089	2%
<b>Total Attempted Sample</b>	<b>55,410</b>	<b>100%</b>

As mentioned earlier, Interviewing Services of America was subcontracted to conduct the Asian language interviews (Chinese, Vietnamese, and Korean). As NWRG interviewers encountered non-English speakers, they inquired of the respondent if they would prefer to complete the survey in Chinese, Vietnamese, or Korean. This sample was then sent to Interviewing Services of America to attempt in the language the respondent indicated in the initial call. Below is the outcome of those calls.

<b>Final Asian Language Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	53	20%
Busy	18	7%
Answering Machine	44	16%
Callback Introduction	75	28%
Disconnected / Nonworking	2	1%
Initial Refusal	5	2%
Final Refusal	3	1%
Screening Refusal	1	*
Language Barrier (Unknown)	6	2%
Interview In Progress	1	*
NQ - Caucasian Only	1	*
Complete Interview	62	23%
Total Attempted Sample	271	100%

Sample disposition reports for each region of the Base study have been included in Appendix E for regional comparisons.

# IV. Data Collection

## Sample Maintenance

All sampling and call management, including scheduling of callbacks, call dispositions, and quota controls, was handled by NWRG's Ci3 CATI (computer-assisted telephone interviewing) networked system.

In addition to the survey administration, Ci3 CATI managed calling, quota control and callbacks; monitored call dispositions; consolidated data; and tracked interviewer productivity throughout the study. At the beginning of the study, the sample information was entered into the computer and each phone number was assigned a sample number. Ci3 CATI tracked the sample number throughout the project. Ci3 CATI runs on a local area network (LAN) to allow information exchange and to coordinate activities among workstations.

The benefits of Ci3 CATI are numerous:

- Questionnaires are administered appropriately, skip patterns are executed exactly as intended, answers are within range and constant sum questions add up correctly.
- Answers are entered directly into the computer, keypunching is eliminated and data analysis can start immediately.
- The computer handles call record keeping automatically, allowing the interview facility to operate more efficiently.
- Callbacks are handled by the computer and made according to schedule.

NWRG employed the following methods of contact and dialing protocol:

- Numbers, which had scheduled callbacks, were given precedence in the sample.
- For each number dialed, interviewers reviewed a complete call history that detailed the number of attempts made to a particular number and the status of the last attempt.
- Busy numbers were kept in the active queue and retried within 30 minutes of the first dialing.
- Numbers with a respondent "no answer" or with an answering machine were returned to the sample to be tried at a later time. These numbers were returned randomly at different days and times. A minimum of five and up to ten callbacks were made on different days and at different times to reduce bias resulting from non-response due to respondent unavailability and busy numbers.
- Callback appointments were made with respondents who qualified and/or agreed to complete the survey but were not available for the required length of time. These numbers took precedence over all other calls and were automatically returned to the interviewer at the appointed time.

## Contact and Sample Management

All interviewers assigned to the project attended a project briefing / training session. The Project Manager from NWRG assigned to this survey gave the briefing. The sessions included: the purpose of the study, a discussion of issues and technical information specific to the study, and a question-by-question analysis. NWRG's field supervisors gave regular "refresher" briefing sessions throughout data collection to ensure consistency and focus.

NWRG's Project Managers and Field Service Managers continually monitored data collection. Daily interviewing had a supervisor to interviewer ratio that averaged 1 to 10. Each interviewer was monitored through a complete interview at least once per shift. As part of the monitoring process, supervisors completed a question-by-question analysis of the interview and reviewed the call with the interviewer.

A supervisor was immediately available to handle questions that arose during an interview. Call records and data were reviewed daily to verify that sample specifications were met and data quality was maintained.

NWRG also employed the following strategies to increase response rates:

- Messages were left on answering machines on the first attempt. The message contained information on the survey, stressed the importance of participation, and provided the householder with a toll-free number to contact for more information and/or to complete the survey. The message acts as an advance letter in that it legitimizes the study, allows the respondent time to make an informed decision, and distinguishes the "survey telephone call" from telemarketing calls.
- NWRG maintained information on our web site ([www.nwrq.com](http://www.nwrq.com)) for study participants. This page includes a general overview of NWRG's privacy policy and provides answers to frequently asked questions about surveys. In addition, we posted a study-specific page that provides respondents answers to information on the study – e.g., its purpose, how the data will be used, etc. This page also included the toll-free number to contact for further information if needed.
- In previous studies, bi-lingual interviewing had been limited to Spanish. Analysis of the 2004 data indicated that a significant segment of the Asian population may not be represented as they are not comfortable completing such a complex survey in English. To address this in 2006, interviews were conducted in Vietnamese, Chinese, and Korean in addition to Spanish.
- An alternative method was used to collect the proxy data in 2006. Respondents were given an option to complete the Household Grid portion via a web-based survey. After completing the telephone portion of the survey, these respondents were sent a link to the survey with instructions to complete it. Non-responders were sent a reminder email and subsequent reminder calls if they had not completed within a reasonable period of time.
- Respondents were also offered a \$5 incentive to encourage completion of the entire survey. They were also entered into a drawing to win one of 25 \$100.00 cash prizes.

This research consisted of two components, outlined below:

## Base Survey

Data collection occurred for the Base Survey from August 24<sup>th</sup>, 2006 to October 24<sup>th</sup>, 2006. Calls were completed in evenings (4:00 to 9:00 P.M. PST) and on weekends (1:00 to 8:00 P.M. PST). A small number of shifts were scheduled during daytime hours to find those respondents with non-standard work schedules. A minimum of 5 attempts were made to all sampled households on different days and at different times. A total of 36,545 sample elements were attempted during the course of Base Survey data collection.

The Base sample was stratified by region, with a minimum of 400 interviews completed for each region. Additionally, the number of interviews conducted in each county was proportional to the number of households within each region.

## Ethnic / Racial Augment

In order to ensure proper representation of key ethnic and racial subgroups, NWRG conducted 1,089 interviews with respondents in those groups. A minimum of 400 interviews were completed among Asians (including Hawaiians and Other Pacific Islanders), Native Americans (including Alaska Natives), and those of Hispanic or Latino ethnicity. An additional 336 interviews were completed among African-Americans. Data collection occurred from September 15<sup>th</sup>, 2006 to November 11<sup>th</sup>, 2006. Sampling used the Random Digit Dial (RDD) methodology. To more accurately capture members of these key sub-groups, several methodologies were used to target these households. For the Native American augmentation, several key census tracts containing a higher (greater than 10%) than average incidence of Native American households were sampled. These tracts were 9604 in Jefferson County; 9517 in Umatilla County; 9702 in Klamath County; 9518 in Lincoln County; 5.01 in Coos County; and 9708 in Wasco County. To better reach African-American and Asian households, telephone prefixes were analyzed and RDD sample pulled from those with an incidence greater than 3%. Targeted listed sample was also purchased for African Americans. In addition, sample numbers with known Asian surnames were also utilized.

	Base Sample	Augment Sample	Total Sample
<b>Number of households</b>	3,243	1,089	4,332
<b>Number of individuals in household for which detailed demographic data and other behavioral data was obtained from designated respondent</b>	4,102	1,686	5,788
<b>Total number of individuals for which detailed demographic data and other behavioral data was obtained</b>	7,345	2,775	10,120

## Statistical Significance

While interpreting survey results, keep in mind that all surveys are subject to sampling error. Sampling error is the extent to which the results may differ from what would be obtained if the whole population were surveyed. The size of such sampling error depends completely on the number of interviews completed. The larger the sample, the smaller the sampling error.

The overall margin of sampling error for this survey for questions asked of all respondents, base and augment, is plus or minus 1.5 percent. For questions asked for all Oregonians, the margin of error is 0.9 percent. The following table illustrates the error associated with different proportions at different sample sizes and can be used to determine sampling error for subgroup analysis. For example, if we asked a question of a sample size of 4500 respondents and 50 percent gave a specific response (a “worst-case” scenario), the error associated with that 50 percent is plus or minus 1.5 percent. That is, if you repeated the survey, you could expect this same response to be from 48.5 percent to 51.5 percent. As noted in the accompanying table, sampling error is inversely correlated to the difference in proportion.

Sample Size	Estimate					
	10% 90%	20% 80%	30% 70%	40% 60%	50%	
50	8.3%	11.1%	12.7%	13.6%	13.9%	
100	5.9%	7.8%	9.0%	9.6%	9.8%	
200	4.2%	5.5%	6.4%	6.8%	6.9%	
300	3.4%	4.5%	5.2%	5.5%	5.7%	
400	2.9%	3.9%	4.5%	4.8%	4.9%	
500	2.6%	3.5%	4.0%	4.3%	4.4%	
1,000	1.9%	2.5%	2.8%	3.0%	3.1%	
1,200	1.7%	2.3%	2.6%	2.8%	2.8%	
2,400	1.2%	1.6%	1.8%	2.0%	2.0%	
3,600	1.0%	1.3%	1.5%	1.6%	1.6%	
4,500	0.9%	1.2%	1.3%	1.4%	1.5%	

The sampling error will vary from the above chart when taking into consideration the stratified design of the OPS survey. For example, if you have a homogeneous strata (e.g., all respondents within the stratum are from rural counties), it is possible to see sampling error that is lower than that indicated in the above table. Conversely, if you have a region such as Region 2 where you see a heterogeneous mix of respondents due to the over sampling of race and ethnic groups, the sampling error may be larger than those expected under simple random sampling. The amount of deviation from the above chart will vary by question and sample size.

Differences in responses among key subgroups (e.g., respondents age 18 to 24 versus those over 65, or across the different geographic regions) are an important focus of any statistical analysis. If a particular difference is large enough to be unlikely to have occurred due to chance or sampling error, then the difference is *statistically* significant. If results or numbers are different to the extent that the difference would matter from a managerial perspective, the difference is *practically* significant. To be *practically* significant, the difference must be *statistically* significant. However, a *statistically* significant difference may not be *practically* significant.

# IV. Data Preparation

## Coding

All open-end and other-type responses were either post-coded back into original categories or into new categories previously created by the Oregon Progress Board. All categories were identical to previous years'.

For a complete listing of all verbatim responses and their corresponding post-codes, please refer to the *OPS 2006 Verbatim Book* compiled as a separate volume.

## Final Data Sets

As a final step, the data was split into three separate, mostly mutually-exclusive data files. The following information describes the variables included in these two files.

- **“Respondent Only” and “Household Only” Data File:** Consists of questions asked of respondents concerning themselves, but not asked for any other household members. It also consists of questions asked concerning aspects of the household, e.g. housing and utility costs, but not containing information specific to any one household member. Note, in 2004, these were separate files. Two weights are included in this data file. The household weight should be used when describing the characteristics of the household – e.g., income, housing costs, household size, etc. The respondent weight should be used when describing the characteristics of the respondent.
- **“All Oregonians” Data File:** Consists of variables asked of respondents concerning themselves that match up with variables asked in the “household grid” portion of the survey.
- **Complete Data File:** Consists of variables asked of respondents and all variables asked in the “household grid” portion of the survey together in one row.

In previous years, there was a request for each respondent to have a unique identifier. That was done by renumbering the respondent numbers based on which portion of the study the respondent was in. Base respondents have a respondent number under 1,000,000 and Augment respondent numbers are 1,000,000 or greater.

# V. Appendix A

Survey Instrument

Oregon Progress Board  
2006 Oregon Population Survey Questionnaire  
*FINALSURVEY*  
*Project #OPB-06-128*

## NOTES

**ALL CAPS:** IS NOT READ BY THE INTERVIEWER

**AS NEEDED:** IS READ BY THE INTERVIEWER WHEN NECESSARY

**NOTE TO INTERVIEWER:** INSTRUCTIONS ON HOW TO ASK THE QUESTION.

**KEY:** **GREEN** (SAME AS PREVIOUS STUDY); **YELLOW!** (MODIFIED); **RED\*** (NEW QUESTION)

**BOLD & ITALICIZED:** POST-CODE FOR AN OPEN-ENDED QUESTION – INTERVIEWER DOES NOT SEE

## INTRODUCTION

**INTRO!** Hello, this is \_\_\_\_\_ from Northwest Research Group. We are conducting a survey on behalf of the state of Oregon on a variety of topics. The results of this survey will help guide policy decisions that affect Oregonians. Let me assure you that we are not selling anything. This study is being conducted for research purposes only and may be monitored and/or recorded for quality purposes.

For this survey, we are required to conduct a certain number of interviews in key areas in order to insure proper representation of Oregon residents.

**[READ IF NECESSARY:** Survey results will be tabulated by regions within Oregon to help understand residents in your area. You or your household will not be identified with any of your responses to the survey. If you have any questions about this study please contact Anna Ritchey at 800-859-2132 or aritchey@nwr.org [AS LAST RESORT: or Whitney Temple with the Oregon Progress Board at (503) 378-3204]

For this survey, I need to speak to the adult head of the household who is 18 years of age or older and has had the most recent birthday. Would that be you?

**[READ IF NECESSARY:** A head of the household is a person who owns, is buying, or rents this house or apartment.]

- 1 RESPONDENT AVAILABLE [**SKIP TO HISPAR**]
- 2 RESPONDENT NOT AVAILABLE [**SCHEDULE CALLBACK**]
- 3 NO HEAD OF HOUSEHOLD [**SKIP TO THANK**] [**DISPOS = 22**]
- 7 LANGUAGE BARRIER [**SKIP TO LANG**]

**LANG1**

Which language do you prefer to use or are you most comfortable expressing your opinions in? **[ONE RESPONSE ONLY]**

- 1 ENGLISH **[SKIP TO HISPAR]**
- 2 SPANISH **[USE SPANISH VERSION – SKIP TO HISPAR]**
- 3 VIETNAMESE **[SAVE FOR REFERRAL TO ISA]**
- 4 CHINESE **[SAVE FOR REFERRAL TO ISA]**
- 5 KOREAN **[SAVE FOR REFERRAL TO ISA]**
- 6 OTHER **[SPECIFY] [GO TO LANG2]**
- 9 DON'T KNOW / REFUSED **[GO TO LANG2]**

**LANG2=**

May I speak to another adult household member who would be most comfortable speaking English?

- 1 YES **[SKIP TO INTRO]**
- 2 NO / NO ONE AVAILABLE **[DISPOS = 10]**

**CTY=**

What county do you live in?

- |  |               |               |
|--|---------------|---------------|
| 1 Baker  | 25 Harney     | 49 Morrow     |
| 3 Benton   | 27 Hood River | 51 Multnomah  |
| 5 Clackamas  | 29 Jackson    | 53 Polk       |
| 7 Clatsop  | 31 Jefferson  | 55 Sherman    |
| 9 Columbia   | 33 Josephine  | 57 Tillamook  |
| 11 Coos  | 35 Klamath    | 59 Umatilla   |
| 13 Crook   | 37 Lake       | 61 Union      |
| 15 Curry   | 39 Lane       | 63 Wallowa    |
| 17 Deschutes   | 41 Lincoln    | 65 Wasco      |
| 19 Douglas   | 43 Linn       | 67 Washington |
| 21 Gilliam   | 45 Malheur    | 69 Wheeler    |
| 23 Grant   | 47 Marion     | 71 Yamhill    |
| 88 None of the above / Not an Oregon County <b>[SKIP TO THANK1, DISPOS=23]</b> |               |               |
| 99 DON'T KNOW / REFUSED  |               |               |

**CTYCON=** I entered [RESTORE CTY]. Is that correct?

- 1 YES
- 2 NO [REASK CTY]

**ZIPCO=**

What is your zip code?

- \_\_\_\_\_ ENTER ZIP CODE  
99999 DON'T KNOW / REFUSED

**PROGRAMMING NOTE: ADD LOGIC TO CHECK COUNTY AGAINST ZIP**

**ZIPCON=**

**[IF ZIPCO NE 99999]** I entered [RESTORE ZIPCO]. Is that correct?

- 1 YES
- 2 NO [REASK ZIPCO]

**ZIPSAMP\***

**[IF ZIPCO EQ 99999]** Our records indicate that your zipcode is [RESTORE ZIP CODE FROM SAMPLE]. Is that correct?

- 1 YES
- 2 NO
- 9 DON'T KNOW / REFUSED

**HHNUMAR!** [ALL] In appreciation of the time it takes to complete this survey, each household that completes the survey will receive \$5.00. In addition, each household that completes the survey will be entered into a drawing to win one of 25 \$100.00 cash prizes. This study is very important and we appreciate your willingness to complete the study.

Including yourself, how many people live in your household at this point in time?

[PROBE: How many people live and sleep in your house most of the time, including you?]

\_\_\_ ENTER ACTUAL NUMBER OF PEOPLE

15 15 OR MORE

99 DON'T KNOW / REFUSED

**NOTE: NEED TO CREATE A VARIABLE OF HHNUMAR THAT'S COMPATIBLE TO THE OLDER VERSIONS – use HHNUMBER**

**ADULT\*** Of the [ENTER NUMBER FROM HHNUMAR] people living in your household, including yourself, how many adults 18 year of age and older live in your household?

\_\_\_ ENTER NUMBER OF ADULTS

88 DON'T KNOW

99 REFUSED

**SEX=** I know this may sound silly, but I am required to ask... Are you male or female?

1 MALE

2 FEMALE

9 REFUSED

**ADULT2\*** [IF ADULT > 1] Is the adult / one of the adults in your household your. . .

1 [IF SEX EQ FEMALE] Husband

2 [IF SEX EQ MALE] Wife

3 [IF DON'T SAY HUSBAND / WIFE] Partner

4 NO / NONE OF THE ABOVE

88 DON'T KNOW

99 REFUSED

**CHILD\*** Of the [ENTER NUMBER FROM HHNUMAR] people living in your household, how many children under the age of 18 currently live in your household?

\_\_\_ ENTER NUMBER OF CHILDREN

99 DON'T KNOW / REFUSED

**[NOTE TO PROGRAMMER – ADULT AND CHILD SHOULD SUM TO HHNUMAR]  
[IF CHILD = 0 OR 99, SKIP TO HISPAR]**

**CHILD1\*** How many of these children are under the age of 13?

\_\_\_ ENTER ACTUAL NUMBER

99 DON'T KNOW / REFUSED

**CHILD4\*** How many of these children are age 13 to 17?

- ENTER ACTUAL NUMBER
- 99 DON'T KNOW / REFUSED

**[NOTE TO PROGRAMMER – CHILD1 AND CHILD4 SHOULD SUM TO CHILD]**

**HISPAR=** Are you Spanish, Hispanic, or Latino?

**[PROBE: Were your ancestors Mexican, Puerto Rican, Cuban, Central or South American, or from Spain?]**

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**RACE=** I am going to read a list of race categories. Please choose one or more races you consider yourself to be:

**[CLARIFY "INDIAN" WITH "Is that American Indian or Asian Indian?"]**  
**[ASIAN/PACIFIC ISLANDER INCLUDES GROUPS SUCH AS CHINESE, FILIPINO, HAWAIIAN, INDIAN (ASIAN), VIETNAMESE, KOREAN, JAPANESE, CAMBODIAN, AND SAMOAN.]**

**[NOTE TO INTERVIEWER: If they say "Hispanic" PROBE: "In addition to Hispanic, what other race categories do you consider yourself to be?"]**

**[AUGMENT ONLY - RESPONDENT REFUSES OR SAYS HUMAN/AMERICAN, ETC.: I realize your hesitance to answer this question, but we are required to conduct a certain number of interviews with key racial subgroups in order to insure proper representation and statistical validity. If you had to choose, which one of these groups would you consider yourself, keeping in mind you may choose more than one?]**

**[AUGMENT ONLY - IF RESPONDENT IS CAUCASIAN ONLY, ASK: is there anyone else in your household that is 18 years of age or older and is one of these races [RE-READ LIST IF NECESSARY] IF YES, SELECT CAUCASIAN FOR RESPONDENT AND TYPE RACE FOR OTHER HH MEMBER IN OTHER.]**

**[READ LIST]**

- 1 White
- 2 Black or African American
- 3 American Indian or Alaskan Native
- 4 Asian or Pacific Islander
- 5 Some other race **[PLEASE SPECIFY]**
- 7 *Hispanic race***
- 9 DON'T KNOW / REFUSED

**AGE=** How old are you? **[ENTER AGE (COMPLETED YEARS; DO NOT ROUND UP)]**

- ENTER NUMBER
- 98 98 OR OLDER
- 99 DON'T KNOW / REFUSED

**AGE2:** [IF AGE = 99] Would that be...

- 1 18
- 2 19
- 3 20 to 24,
- 4 25 to 34,
- 5 35 to 44,
- 6 45 to 54,
- 7 55 to 59,
- 8 60 to 64,
- 9 65 to 74,
- 10 75 to 84,
- 11 Or 85 years or older?
- 99 REFUSED

**PROGRAMMING NOTE: END OF SCREENER. QAL INSTRUCTION GOES HERE – IF NON-QUALIFIER or OVER-QUOTA – ASK SUPP, ADD4, AND D23 THEN TERMINATE.**

**LIVEWHR=** What state or foreign country were you living in 5 years ago?

- |                   |                   |                         |
|-------------------|-------------------|-------------------------|
| 1 ALABAMA         | 25 MASSACHUSETTS  | 47 TENNESSEE            |
| 2 ALASKA          | 26 MICHIGAN       | 48 TEXAS                |
| 4 ARIZONA         | 27 MINNESOTA      | 49 UTAH                 |
| 5 ARKANSAS        | 28 MISSISSIPPI    | 50 VERMONT              |
| 6 CALIFORNIA      | 29 MISSOURI       | 51 VIRGINIA             |
| 8 COLORADO        | 30 MONTANA        | 53 WASHINGTON           |
| 9 CONNECTICUT     | 31 NEBRASKA       | 54 WEST VIRGINIA        |
| 10 DELAWARE       | 32 NEVADA         | 55 WISCONSIN            |
| 11 WASHINGTON, DC | 33 NEW HAMPSHIRE  | 56 WYOMING              |
| 12 FLORIDA        | 34 NEW JERSEY     | 62 EUROPE [SPECIFY]     |
| 13 GEORGIA        | 35 NEW MEXICO     | 63 LATIN AMERICA        |
| 15 HAWAII         | 36 NEW YORK       | [SPECIFY]               |
| 16 IDAHO          | 37 NORTH CAROLINA | 64 AFRICA [SPECIFY]     |
| 17 ILLINOIS       | 38 NORTH DAKOTA   | 65 ASIA/PACIFIC ISLANDS |
| 18 INDIANA        | 39 OHIO           | [SPECIFY]               |
| 19 IOWA           | 40 OKLAHOMA       | 66 CANADA               |
| 20 KANSAS         | 41 OREGON         | 67 AUSTRALIA/NEW        |
| 21 KENTUCKY       | 42 PENNSYLVANIA   | ZEALAND                 |
| 22 LOUISIANA      | 44 RHODE ISLAND   | 97 OTHER [SPECIFY]      |
| 23 MAINE          | 45 SOUTH CAROLINA | 99 DON'T KNOW / REFUSED |
| 24 MARYLAND       | 46 SOUTH DAKOTA   |                         |

**LANGSPK1\*** [ALL ENGLISH INTERVIEWS] Do you speak a language in addition to English?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**LANGSPK2\*** [ALL NON-ENGLISH INTERVIEWS] Do you speak English also?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

## WARM-UP / MISC. QUESTIONS

**ST1=**

Now, I have a few questions about Oregon. Overall, today, how would you rate your feelings about Oregon? Do you feel "very positive," "somewhat positive," "somewhat negative," or "very negative" about Oregon?

[NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY POSITIVE" IS 5 AND "VERY NEGATIVE" IS 1.]

- 1 VERY POSITIVE
- 2 SOMEWHAT POSITIVE
- 3 NEUTRAL **[DO NOT READ]**
- 4 SOMEWHAT NEGATIVE
- 5 VERY NEGATIVE
- 9 DON'T KNOW / REFUSED

**COM3=**

Please think of a five-point scale, with **1** meaning you feel "Not at all a part of your community", and **5** meaning you feel "Very strongly a part of your community". You may also use any number in between 1 and 5. Which number comes closest to how much you feel a part of your community?

- 1 NOT AT ALL A PART OF COMMUNITY
- 2
- 3 IN THE MIDDLE **[DO NOT READ]**
- 4
- 5 VERY STRONGLY PART OF THE COMMUNITY
- 9 DON'T KNOW / REFUSED

**ST20=**

How good a job do you think Oregon is doing providing government services?

**[READ LIST IF NECESSARY]**

NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY GOOD JOB" IS 5 AND "VERY BAD JOB" IS 1.]

- 1 (Very good job)
- 2 (Somewhat good job)
- 3 NEUTRAL **[DO NOT READ]**
- 4 (Somewhat bad job)
- 5 (Very bad job)
- 9 DON'T KNOW / REFUSED

## WORK / EMPLOYMENT STATUS

**RET1!**

**[ALL]** Did you consider yourself retired for the **entire** year of 2005?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**WORK1\***

**[ALL]** Did you work for pay or were you self-employed in a business or farm at any time in 2005? **[READ IF NECESSARY:** This includes any job from which you were temporarily absent.] Please include time you were on paid sick leave, paid vacation, or military service.

**[READ IF NECESSARY:** Self Employed ="Whatever that means to you."]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**WRK1!**

**[IF WORK1 = 1]** For how many months in 2005 were you working?

**[INTERVIEWER INSTRUCTION:** If less than one month, report one month]

- \_\_ [ENTER NUMBER, 1-12]
- 99 DON'T KNOW / REFUSED

**WRK2=**

**[IF WORK1 =1]** In 2005, was your main source of work-related income from being self-employed in a business or farm?

**[READ IF NECESSARY:** Self Employed ="Whatever that means to you."]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**WRK7=**

**[IF WORK1 = 1]** At any time during 2005 did you work for more than one employer or business (excluding self-employment) at the same time?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**OCC\***

**[IF WRK7 = 1]** What was your occupation in your primary job in 2005?

**[IF WRK7 = 2,9]** What was your occupation in your job in 2005?

**[READ IF NECESSARY:** What were your most important duties? What did you do that earned you income?]

**[OPEN END]**

- 11 *Management Occupations*
- 13 *Business & Financial Operations Occupations*
- 15 *Computer & Mathematical Occupations*
- 17 *Architecture & Engineering Occupations*
- 19 *Life, Physical, & Social Science Occupations*
- 21 *Community & Social Services Occupations*
- 23 *Legal Occupations*
- 25 *Education, Training, & Library Occupations*
- 27 *Arts, Design, Entertainment, Sports, & Media Occupations*

- 29 *Healthcare Practitioners & Technical Occupations*
- 31 *Healthcare Support Occupations*
- 33 *Protective Service Occupations*
- 35 *Food Preparation & Serving Related Occupations*
- 37 *Building & Grounds Cleaning & Maintenance Occupations*
- 39 *Personal Care & Service Occupations*
- 41 *Sales & Related Occupations*
- 43 *Office & Administrative Support Occupations*
- 45 *Farming, Fishing, & Forestry Occupations*
- 47 *Construction & Extraction Occupations*
- 49 *Installation, Maintenance, & Repair Occupations*
- 51 *Production Occupations*
- 53 *Transportation & Material Moving Occupations*
- 55 *Military Specific Occupations*
- 66 *Classification Uncertainty*
- 88 *Don't Know / Not Sure*
- 99 *Refused / No Answer*

**SICAR\***

**[IF WRK7 = 1]** What was the employer type (i.e. state gov, fed gov, private employer) of your primary job in 2005?

**[IF WRK7 = 2,9]** What was the employer type (i.e. state gov, fed gov, private employer) of your job in 2005?

**[SELECT ONE, FOR MAIN / PRIMARY JOB. READ LIST AS NECESSARY]**

- 1 [Yourself (Self-Employment)]
- 2 [Federal Government]
- 3 [State Government]
- 4 [City, County, or Local Government]
- 5 [Private Company]
- 6 [Working Without Pay]
- 9 OTHER **[PLEASE SPECIFY]**
- 88 DON'T KNOW / NOT SURE
- 99 REFUSED / NO ANSWER

**SIC\_1\***

**[IF WRK7 = 1]** What was the business or industry of your primary job in 2005?

**[IF WRK7 = 2,9]** What was the business or industry of your job in 2005?

**[READ IF NECESSARY:** What do they do or make there? For example, TV repair shop, farm, retail shoe store, mobile home manufacturing, county office]

**[IF HAD MORE THAN ONE JOB:** Here, your primary job is the one you worked the most hours at.]

**[OPEN END]**

- 11 *Agriculture*
- 12 *Forestry, Fisheries*
- 13 *Mining*
- 14 *Construction*
- 15 *Durable Manufacturing – Lumber & Wood Products*
- 16 *Durable Manufacturing – High Technology*
- 17 *Durable Manufacturing – All Other*
- 18 *Non-durable Manufacturing – Food, Textile, Apparel, Paper*

- 19 *Transportation, Communication, Public Utilities*
- 20 *Wholesale Trade*
- 21 *Retail Trade*
- 22 *Education – Public*
- 23 *Education – Private*
- 24 *Federal Government*
- 25 *State Government (Not Education)*
- 26 *City, County, Local Government (Not Education)*
- 27 *Finance, Insurance, Real Estate*
- 28 *Services – Business (Advertising, Consulting, Repair, Computer)*
- 29 *Services – Private Health, Social (Doctor, Dentist, Law, Child Care, Museum, Church, Voluntary Organization)*
- 30 *Services – Personal (Hotel, Laundry, Beauty, Funeral, In-home)*
- 31 *Services – Entertainment and Recreation*
- 32 *Armed Forces*
- 44 *Education Nonspecific*
- 55 *Government Nonspecific*
- 66 *Classification Uncertainty*
- 88 *Don't Know / Not Sure*
- 99 *Refused / No Answer*

**RET2!**

**[ALL]** Now I have some questions about your **current** work situation. Are you currently retired?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**EMP!**

**[ALL]** Are you currently employed for pay or self-employed in a business or farm?

**[READ IF NECESSARY:** Self-employment = "Whatever that means to you"]

**[READ IF NECESSARY:** This includes any job from which you are temporarily absent.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**CURRT05\***

**[IF WORK1 = 1 AND EMP = 1 (worked in 2005 and currently working)]** Are you currently working for pay in the same primary job **that** you held in 2005?

**[READ IF NECESSARY:** This includes any job from which you are temporarily absent.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**WRK2A\***

**[IF EMP = 1]** Currently, is your main source of work-related income **from** being self-employed in a business or farm?

**[READ IF NECESSARY:** Self-employed = Whatever that means to you.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**UNEM1=** [IF EMP NE 1] Are you currently looking for a new job?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**MULTIJOB\*** [IF EMP = 1] Excluding self-employment, how many employers or businesses do you currently work for?

- 1 One,
- 2 Two,
- 3 Three,
- 4 Four or more,
- 9 DON'T KNOW / REFUSED

**EMPHRS\*** [IF EMP = 1] For each employer or business, how many hours a week do you currently work?  
**[NOTE TO PROGRAMMER: Program for number of employers indicated in MULTIJOBS. IF MUTLIJOBS EQ DK/REF, then program for 1 employer. NOTE THE SUM SHOULD DO NOT EXCEED 160 HOURS PER WEEK]**

EMPLOYER 1: \_\_\_\_\_ ENTER HOURS PER WEEK  
EMPLOYER 2: \_\_\_\_\_ ENTER HOURS PER WEEK  
EMPLOYER 3: \_\_\_\_\_ ENTER HOURS PER WEEK  
EMPLOYER 4: \_\_\_\_\_ ENTER HOURS PER WEEK

999 DON'T KNOW / REFUSED

**OCCA !** [IF MULTIJOBS=1,9 AND CURR05 NE 1] What is **your occupation in your current** job?

[IF MULTIJOBS > 1 AND < 9 AND CURR05 NE 1] What is **your occupation in** your **current** primary job?

[READ IF NECESSARY: What are your most important duties? What do you do that earns you income?]

[IF HAD MORE THAN ONE JOB: Here, your primary job is the one you work the most hours at.]

[OPEN END]

- 11 *Management Occupations*
- 13 *Business & Financial Operations Occupations*
- 15 *Computer & Mathematical Occupations*
- 17 *Architecture & Engineering Occupations*
- 19 *Life, Physical, & Social Science Occupations*
- 21 *Community & Social Services Occupations*
- 23 *Legal Occupations*
- 25 *Education, Training, & Library Occupations*
- 27 *Arts, Design, Entertainment, Sports, & Media Occupations*
- 29 *Healthcare Practitioners & Technical Occupations*
- 31 *Healthcare Support Occupations*
- 33 *Protective Service Occupations*
- 35 *Food Preparation & Serving Related Occupations*

- 37 *Building & Grounds Cleaning & Maintenance Occupations*
- 39 *Personal Care & Service Occupations*
- 41 *Sales & Related Occupations*
- 43 *Office & Administrative Support Occupations*
- 45 *Farming, Fishing, & Forestry Occupations*
- 47 *Construction & Extraction Occupations*
- 49 *Installation, Maintenance, & Repair Occupations*
- 51 *Production Occupations*
- 53 *Transportation & Material Moving Occupations*
- 55 *Military Specific Occupations*
- 66 *Classification Uncertainty*
- 88 *Don't Know / Not Sure*
- 99 *Refused / No Answer*

**SICARA!**

**[IF MULTIJOB = 1,9 AND CURR05 NE 1]** What is the employer type (i.e. state gov, fed gov, private employer) of your **current** job?

**[IF MULTIJOB > 1 AND < 9 AND CURR05 NE 1]** What is the employer type (i.e. state gov, fed gov, private employer) of your **current** primary job?

**[SELECT ONE, FOR MAIN / PRIMARY JOB]**

- 1 Yourself (Self-Employment)
- 2 Federal Government
- 3 State Government
- 4 City, County, or Local Government
- 5 Private Company
- 6 Working Without Pay
- 9 OTHER **[PLEASE SPECIFY]**
- 88 DON'T KNOW / NOT SURE
- 99 REFUSED / NO ANSWER

**SICA!**

**[IF MULTIJOB = 1,9 AND CURR05 NE 1]** What is the business or industry for your **current** job?

**[IF MULTIJOB > 1 AND < 9 AND CURR05 NE 1]** What is the business or industry of your **current** primary job?

**[OPEN END]**

**[PROBE:** What do they do or make there? For example, TV repair shop, farm, retail shoe store, mobile home manufacturing, county office]

**[IF HAD MORE THAN ONE JOB:** Here, your primary job is the one you work the most hours at.]

**[READ IF NECESSARY:** Just in regards to your primary job.]

- 11 *Agriculture*
- 12 *Forestry, Fisheries*
- 13 *Mining*
- 14 *Construction*
- 15 *Durable Manufacturing – Lumber & Wood Products*
- 16 *Durable Manufacturing – High Technology*
- 17 *Durable Manufacturing – All Other*
- 18 *Non-durable Manufacturing – Food, Textile, Apparel, Paper*

- 19 *Transportation, Communication, Public Utilities*
- 20 *Wholesale Trade*
- 21 *Retail Trade*
- 22 *Education – Public*
- 23 *Education – Private*
- 24 *Federal Government*
- 25 *State Government (Not Education)*
- 26 *City, County, Local Government (Not Education)*
- 27 *Finance, Insurance, Real Estate*
- 28 *Services – Business (Advertising, Consulting, Repair, Computer)*
- 29 *Services – Private Health, Social (Doctor, Dentist, Law, Child Care, Museum, Church, Voluntary Organization)*
- 30 *Services – Personal (Hotel, Laundry, Beauty, Funeral, In-home)*
- 31 *Services – Entertainment and Recreation*
- 32 *Armed Forces*
- 44 *Education Nonspecific*
- 55 *Government Nonspecific*
- 66 *Classification Uncertainty*
- 88 *Don't Know / Not Sure*
- 99 *Refused / No Answer*

**WRKSHFT\*** [IF CHILD1 > 0] Which of the following best describes your work schedule last month?

**[READ LIST AND CHECK ALL THAT APPLY]**

**[PROMPT AS NECESSARY:** Which one best describes the schedule you normally work?]

- 1 Day shift starting before 6 a.m.
- 2 6:00 a.m. – 5:00 p.m.
- 3 Day shift staying later than 6 p.m.
- 4 Evenings
- 5 Nights
- 6 Weekdays
- 7 Weekends
- 8 Rotating or changing shifts
- 99 DON'T KNOW / REFUSED

**WRKSHFTA\*** [IF CHILD1 > 0 AND ADULT2 LE 3]  
Which of the following best describes your [RESTORE RESPONSE FROM ADULT2]'s work schedule last month?

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 Day shift starting before 6 a.m.
- 2 6:00 a.m. – 5:00 p.m.
- 3 Day shift staying later than 6 p.m.
- 4 Evenings
- 5 Nights
- 6 Weekdays
- 7 Weekends
- 8 Rotating or changing shifts
- 9 NON-WORKING SPOUSE / PARTNER
- 99 DON'T KNOW / REFUSED

**FLEXWRK\*** [IF CHILD1 > 0] Did your job allow choice of flexible work arrangements of any kind?

[AS NEEDED: Does your job allow you to come to or leave work at times other than the regular work hours or in other ways alter your work schedule to meet family or personal needs.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**EMERG\***

**[IF CHILD1 > 0]** How much flexibility do you have at work in dealing with a personal or family emergency?

- 1 Very little
- 2 Some
- 3 A lot
- 9 DON'T KNOW / REFUSED

**SKL8=**

**[IF EMP = 1]** How many hours, if any, of job skills training or job related education, other than for safety, did you receive altogether in the past 12 months?

- \_\_\_\_\_ HOURS
- 0 NONE
- 9998 9998 OR MORE
- 9999 DON'T KNOW / REFUSED

**TELECOMMUTING**  
**ASK OF ALL PEOPLE CURRENTLY WORKING – EMP = 1**

**WKHOM=**

**[IF EMP = 1]** Do you ever do work for your primary job from home?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO WKHM2]**
- 9 DON'T KNOW / REFUSED **[SKIP TO WKHM2]**

**WKHM1=**

**[IF WKHOM = 1]** Which of the following statements best describes the work you do from home for your primary job? Do you...?

- 1 Bring work home from your full-time job after business hours or on weekends,
- 2 Work from home one to two days a week instead of working from where your company is located, **[SKIP TO OCC1]**
- 3 Work from home three or more days a week instead of working from where your company is located, **[SKIP TO OCC1]**
- 4 Or run a full-time, income producing business out of your home? **[SKIP TO OCC1]**
- 9 DON'T KNOW / REFUSED **[SKIP TO OCC1]**

**WKHM2=**

**[IF WKHOM > 1 OR WKHM1 = 1]** Do you feel your primary job is of the type that you could work from home one or two days a week instead of working from where your company is located?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO OCC1]**
- 9 DON'T KNOW / REFUSED

**WKHM3=**

**[IF WKHM2 = 1, 9]** Given the opportunity, how interested would you be in doing this at least one day a week – would you be very interested, somewhat interested, not too interested, or not at all interested?

[NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY INTERESTED" IS 5 AND "NOT AT ALL INTERESTED" IS 2".]

- 1 VERY INTERESTED
- 2 SOMEWHAT INTERESTED
- 3 NOT TOO INTERESTED
- 4 NOT AT ALL INTERESTED
- 9 DON'T KNOW / REFUSED

**OCCUPATIONAL ILLNESS / WORKERS' COMP**  
**[BASE: ASKED OF PEOPLE WHO WORKED IN 2005 [WORK1 EQ 1]**

**[IF WORK1 NE 1, SKIP TO TRANSAR]**

**OCC1=**

**[IF WORK1 = 1]** During 2005, were you injured on the job or did you have an occupational illness that required the services of a medical provider (such as a doctor, a physician's assistant or a nurse)?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO TRANSAR]**
- 9 DON'T KNOW / REFUSED **[SKIP TO TRANSAR]**

**OCC1B=**

**[IF OCC1 = 1]** How many work related injuries or illnesses did you suffer during 2005?

\_\_\_ ENTER NUMBER OF INJURIES OR ILLNESSES  
999 DON'T KNOW / REFUSED

**OCC2=**

**[IF OCC1 = 1]** For my next few questions, please think about your most recent work-related injury or illness. Did you file a Worker's Compensation Claim for this work-related illness or injury?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO OCC2A]**
- 9 DON'T KNOW / REFUSED **[SKIP TO OCC4A]**

**OCC2A=**

**[IF OCC2 = 2]** Did you *not* file a Worker's Compensation Claim because...?

**[READ LIST & ANSWER YES, NO OR DK/REF TO EACH]  
[ROTATE LIST]**

- OCC2A\_1 You are not covered by Worker's Compensation Insurance
- OCC2A\_2 You did not think you were eligible
- OCC2A\_3 The injury was not serious enough
- OCC2A\_4 You did not believe the claim would be accepted
- OCC2A\_5 You felt filing the claim would affect your job
- OCC2A\_6 You felt you were to blame / you were responsible for the injury or illness
- OCC2A\_7 You recovered quickly / did not need extended or further care
- OCC2A\_8 You did not receive a bill for your medical treatment
- OCC2A\_9 You felt the medical costs would be covered by your medical insurance
- OCC2A\_10 Of some other reason **[PLEASE SPECIFY]**

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**OCC3=**

**[IF OCC2 = 1]** Was the Worker's Compensation claim that you filed Accepted, Partially Accepted, Denied or is it still under consideration?

- 1 ACCEPTED
- 2 PARTIALLY ACCEPTED
- 3 DENIED
- 4 STILL UNDER CONSIDERATION
- 9 DON'T KNOW / REFUSED

**OCC4A=**

**[IF OCC1 = 1]** How many days / weeks / months did you miss from work because of this work-related illness or injury?

\_\_\_ ENTER NUMBER **[IF 0 OR 999, SKIP TO TRANSAR]**  
998 998 OR MORE  
999 DON'T KNOW / REFUSED

**OCC4B=**

**[IF OCC4A = 1-998]** ENTER DAYS / WEEKS / MONTHS / YEARS

- 1 DAYS
- 2 WEEKS
- 3 MONTHS
- 4 YEARS

**COMMUTING**  
**ASK OF ALL PEOPLE CURRENTLY WORKING – EMP = 1**

**TRANSAR=** **[IF EMP = 1]** Now I have some questions about commuting. On average, how many minutes did it usually take you to get from home to work each day last week?

**[PROMPT FOR BEST GUESS IF UNSURE OF EXACT NUMBER]**

- \_\_ ENTER MINUTES
- 97 97 MINUTES OR MORE
- 98 WORKS AT HOME (NO COMMUTING TIME) **[SKIP TO DISABCR]**
- 99 DON'T KNOW / REFUSED

**VEHICLR!** **[IF TRANSAR NE 98]** How did you usually get to work last week?

**[ENTER ALL THAT APPLY TO GET MULTIPLE MODES.  
READ LIST AS NECESSARY]**

**[IF NECESSARY: MAX is Portland Metro's light rail]**

- 1 (Car, truck, van) **[SKIP TO TRANSCR]**
- 2 (Bus)
- 3 (Railroad, lightrail, MAX, streetcar)
- 4 (Taxi)
- 5 (Motorcycle)
- 6 (Bicycle)
- 7 (Walked)
- 8 (Worked at home) **[SKIP TO DISABCR]**
- 10 (Combination of modes (for example, bike+MAX or car+walk)) **[SPECIFY]**  
**CODING NOTE - code into individual categories**
- 11 (Other) **[PLEASE SPECIFY] [SKIP TO TRANSDR]**
- 25 (Retired/ Did not work) **[SKIP TO DISABCR]**
- 99 DON'T KNOW / REFUSED **[SKIP TO TRANSDR]**

**ALTACCSS!** **[IF VEHICLR = 2-4, 6-7, 10 AND NE 1]** Did you have access to a motor vehicle that you could have driven to work last week?

**PROGRAMMER NOTE: IF VEHICLR = 1 AND 2-4,6-7,10 (E.G. CAR & BUS), SKIP THIS QUESTION, THEY HAVE ACCESS TO A CAR.**

- 1 YES
- 2 NO **[RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO TRANSDR]**
- 9 DON'T KNOW / REFUSED **[SKIP TO TRANSDR]**

**TRANSCR!** [IF VEHICLR = 1] Including yourself, how many people usually rode to work in that vehicle last week?

**[NOTE TO INTERVIEWER: YOU MAY ENTER 0 IF THE RESPONDENT DID NOT USE THE VEHICLE TO GET TO WORK LAST WEEK; IF RESPONDENT DID USE THE VEHICLE BUT NO ONE RODE WITH THE RESPONDENT, RESPONSE SHOULD BE 1]**

- \_\_\_\_ PEOPLE  
8 8 OR MORE  
9 DON'T KNOW / REFUSED

**TRANSDR=** [IF VEHICLR = 1-7, 10 , 11, 99] Did you commute to or from work between 3 p.m. and 6 p.m. in the last week?

- 1 YES  
2 NO [RECODED TO "0" IN THE FINAL DATA FILE]  
9 DON'T KNOW / REFUSED

## DISABILITIES

**DISABCR!** [ALL] Next, I have some questions about disabilities. Do you have any of the following long-lasting conditions:

**[READ IF NECESSARY: "Lasting" means at least one year]**

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 Blindness, deafness, or a severe vision or hearing impairment  
2 Any other condition that substantially limits one or more basic physical activities, such as walking, climbing stairs, reaching, lifting, or carrying? [SPECIFY]  
3 NONE OF THE ABOVE  
99 DON'T KNOW / REFUSED

**DISABCR\_DETAIL\*** – [IF DISABCR = 2] Conditions that substantially limits one or more basic physical activities.

- 1 **Back/Spine problems**  
2 **Arthritis**  
3 **Misc. diseases (Multiple-Sclerosis, Muscular Dystrophy, Fibromyalgia, Parkinson's, Diabetes, etc.)**  
4 **Knee / Hip injuries**  
5 **Heart & stroke (circulatory problems)**  
6 **Breathing problems (asthma, emphysema, etc.)**  
7 **Have trouble walking / climbing / carrying / lifting (general)**  
8 **All other**

**DISABBR!**

Because of a physical, mental, or emotional condition lasting 6 months or more, do you have any difficulty in doing any of the following activities:

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 Going outside the home alone to shop or visit a doctor's office?
- 2 Working at a job or business?
- 5 NONE OF THE ABOVE
- 9 DON'T KNOW / REFUSED

**DISABAR!**

**[IF DISABCR = 1,2 OR DISABBR = 1,2]** Does this disability limit the **kind** of work you can do?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 8 DON'T KNOW
- 9 REFUSED

**DISCA=**

**[IF DISABCR = 1, 2]** Are you receiving personal care or assistance for daily activities from someone who lives in your household?

**[READ IF NECESSARY:** "Care" means help with such things as bathing, personal hygiene, walking, etc.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 8 DON'T KNOW
- 9 REFUSED

**DISBL6 =**

**[ALL]** Do you or does anyone in your household currently provide some type of personal care or assistance for daily activities for any disabled or elderly relatives who do not live in your home?

**[READ IF NECESSARY:** "Daily Activities" include money management, transportation, yard work, etc. "Care" means help with such things as bathing, personal hygiene, walking, etc.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 8 DON'T KNOW
- 9 REFUSED

**CHILDCARE  
ASK OF ALL RESPONDENTS**

**CCOR=** [ALL] The next topic is child care. During May of 2006, did any adult, 18 or over, who lives in your household get paid for providing child care for children who come to your home?

[PROBE: That is, children who come to your home for care. This does not include the caregiver's own children, foster care (i.e. 24 hour care), or care of children by nannies who live in the same house.]

[WE ARE INTERESTED ONLY IN MAY OF 2006.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO LIBMO1]
- 9 DON'T KNOW / REFUSED [SKIP TO LIBMO1]

**CHILDCR4=** [IF CCOR = 1] Is this care provided on an ongoing, regular basis?

[PROBE: Regular means three or more months in a row.]

- 1 YES [MUST BE 3 MONTHS IN A ROW]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**CHILDCR2=** [IF CCOR = 1] How many of these children are relatives of the caregiver, such as nephews and nieces?

[PROMPT FOR BEST GUESS IF UNSURE OF EXACT NUMBER.]

- \_\_ ENTER NUMBER OF CHILDREN
- 98 98 OR MORE
- 99 DON'T KNOW / REFUSED

**CHILDCR5=** [IF CCOR = 1] Other than the caregiver's own children, what is the maximum number of children who are cared for at any one time?

[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]

[RELATIVES SUCH AS NIECES AND NEPHEWS SHOULD BE COUNTED]  
[CURRENT (NOT TYPICAL/USUAL) MAXIMUM]

- \_\_ ENTER NUMBER OF CHILDREN
- 98 98 OR MORE
- 99 DON'T KNOW / REFUSED

**CHILDCR6A=** [IF CCOR = 1] Other than the caregiver's own children, what is the total number of children that are cared for on a typical day?

[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]  
[RELATIVES SUCH AS NIECES AND NEPHEWS SHOULD BE COUNTED]

\_\_ ENTER NUMBER OF CHILDREN  
98 98 OR MORE  
99 DON'T KNOW / REFUSED

**CHILDCR6B=** [IF CCOR = 1] Other than the caregiver's own children, what is the maximum number of children that are cared for on a typical day, at any single point of time during the day?

[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]  
[RELATIVES SUCH AS NIECES AND NEPHEWS SHOULD BE COUNTED]

\_\_ ENTER NUMBER OF CHILDREN  
98 98 OR MORE  
99 DON'T KNOW / REFUSED

[CHILDCR6B SHOULD BE LESS THAN OR EQUAL TO CHILDCR6A. IF CHILDCR6B IS GREATER THAN CHILDCR6A, RE-ASK QUESTIONS]

## LIBRARIES ASK OF ALL RESPONDENTS

**LIBMO1!** [ALL] Have you, personally, used a public library or library program in the last 30 days? This includes connecting to the library on the Internet.

- 1 YES [SKIP TO VOLASTYR]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**LIBYR1!** [IF LIBMO1 = 2, 9] Have you, personally, used a public library or library program in the last 12 months?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**VOLUNTEER WORK  
ASK OF ALL RESPONDENTS**

**VOLASTYR=** [ALL] Over the last 12 months, how many hours, if any, did you volunteer your time to civic, community or non-profit activities? Please do not include involuntary "community service" like that required by a school or a judge.

**[EXCLUDE REQUIRED SERVICE LIKE COMMUNITY SERVICE FOR COURSE WORK OR TO AVOID INCARCERATION].**

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER] [INVOLUNTARY MEANS COURT-ORDERED]**

\_\_\_\_\_ HOURS (NO COMMAS, ROUND TO THE NEAREST HOUR)  
99998 99998 OR MORE  
99999 DON'T KNOW / REFUSED

**DEPARTMENT OF COMMUNITY COLLEGES & WORKFORCE DEVELOPMENT  
ASK OF ALL RESPONDENTS**

**INTRO!** [ALL] For each of the following questions, please tell me whether you, personally, are comfortable or uncomfortable for each item.

**READING!** [ALL] How comfortable would you say you, personally, are at reading in English? Would that be very or somewhat (comfortable / uncomfortable)?

- 1 VERY UNCOMFORTABLE
- 2 SOMEWHAT UNCOMFORTABLE
- 3 NEUTRAL
- 4 SOMEWHAT COMFORTABLE
- 5 VERY COMFORTABLE
- 9 DON'T KNOW / REFUSED

**WRITENG!** [ALL] How comfortable would you say you, personally, are at writing in English? Would that be very or somewhat (comfortable / uncomfortable)?

- 1 VERY UNCOMFORTABLE
- 2 SOMEWHAT UNCOMFORTABLE
- 3 NEUTRAL
- 4 SOMEWHAT COMFORTABLE
- 5 VERY COMFORTABLE
- 9 DON'T KNOW / REFUSED

**MATH!** [ALL] How comfortable are you, personally, at solving math problems? Would that be very or somewhat (comfortable / uncomfortable)?

- 1 VERY UNCOMFORTABLE
- 2 SOMEWHAT UNCOMFORTABLE
- 3 NEUTRAL
- 4 SOMEWHAT COMFORTABLE
- 5 VERY COMFORTABLE
- 9 DON'T KNOW / REFUSED

**WRITINS!**

**[ALL]** How comfortable would you say you, personally, are at reading and applying written instructions or directions to operate equipment or perform a new work task? Would that be very or somewhat (comfortable / uncomfortable)?

- 1 VERY UNCOMFORTABLE
- 2 SOMEWHAT UNCOMFORTABLE
- 3 NEUTRAL
- 4 SOMEWHAT COMFORTABLE
- 5 VERY COMFORTABLE
- 9 DON'T KNOW / REFUSED

<b>EDUCATION</b> <b>ASK OF ALL RESPONDENTS</b>
---

**EDUC=**

**[ALL]** The next few questions are about your education. What is the highest level of education you have completed?

**[BUSINESS/SECRETARIAL SCHOOL/OTHER "CERTIFICATE" PROGRAMS DO NOT COUNT]**

**[PROBE IF ASSOCIATE DEGREE:** Was that an occupational program or an academic program? **IF SOME COLLEGE, NO DEGREE:** Did you finish at least one year of college?]

**[READ IF NECESSARY]**

- 11 (Doctorate (PHD, EDD))
- 12 (Professional (MD, JD, DVM, DDS))
- 20 (Masters (MA, MS, MBA, MED))
- 30 (Bachelors (BA, BS, AB))
- 41 (Associate-academic, transferable to 4-year college)
- 42 (Associate-professional/technical, applied science (electronic, nursing))
- 51 (Some college, no degree, 1+ year college completed)
- 52 (Some college, no degree, less than 1 year college)
- 61 (High school diploma)
- 62 (GED)
- 71 (12<sup>th</sup> grade, no diploma)
- 72 (11<sup>th</sup> grade)
- 73 (10<sup>th</sup> grade)
- 74 (9<sup>th</sup> grade)
- 81 (5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> grade)
- 82 (4<sup>th</sup> grade or less)
- 99 DON'T KNOW / REFUSED

**EDSUB=**

**[IF EDUC < 51]** What is the subject matter of your <ENTER DEGREE > degree?

**[OPEN END]**

**[PROMPT: Your highest or most recent degree.]**

- 1 *Architecture and Natural Resources*
- 2 *Architecture and Environmental Design*
- 3 *Area, Ethnic, and Cultural Studies*
- 4 *Biological Sciences, Life Sciences*
- 5 *Business and Management*
- 6 *Communications*
- 7 *Computer and Information Sciences*
- 8 *Construction Trades*
- 9 *Consumer and Personal Services*
- 10 *Education*
- 11 *Engineering and Engineering Technologies*
- 12 *English Language and Literature / Letters*
- 13 *Foreign Languages*
- 14 *Health Sciences / Health Professions*
- 15 *Home Economics*
- 16 *Law and Legal Studies*
- 17 *Liberal Arts and Sciences / General Studies and Humanities*
- 18 *Library and Archival Studies*
- 19 *Mathematics*
- 20 *Mechanics and Repairs*
- 21 *Military Technologies*
- 22 *Multi / Interdisciplinary Studies*
- 23 *Parks and Recreation*
- 24 *Philosophy, Religion, and Theology*
- 25 *Physical Sciences and Science Technologies*
- 26 *Precision Production Trades*
- 27 *Protective Services*
- 28 *Psychology*
- 29 *Public Administration and Services*
- 30 *Social Sciences (Includes History)*
- 31 *Transportation and Material Moving*
- 32 *Visual and Performing Arts*
- 33 *Unclassified*
- 98 *Miscellaneous*
- 99 *Don't Know / NR/ Refused*

**EDORHS\***

**[IF EDUC <= 62]** Did you earn a high school diploma or equivalency in Oregon?

**[READ IF NECESSARY: "Equivalency" means GED or adult high school diploma.]**

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DK/REF

**EDORA\***

**[IF EDUC = 41 OR EDUC = 42]** Did you attend any Oregon public community college?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO EDUC3A1]**
- 9 DK/REF **[SKIP TO EDUC3A1]**

**EDUC3A\*** [IF (EDUC = 41 OR EDUC = 42) AND EDORA = 1] Did you receive your Associate degree from an Oregon community college?

- 1 YES [SKIP TO EDUC4A]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DK/REF

**EDUC4A\*** [IF (EDUC = 41 OR EDUC = 42) AND EDUC3A = 1] From which Oregon community college did you receive your Associate degree?

- 10 BLUE MOUNTAIN COMMUNITY COLLEGE
- 11 CENTRAL OREGON COMMUNITY COLLEGE
- 12 CHEMEKETA COMMUNITY COLLEGE
- 13 CLACKAMAS COMMUNITY COLLEGE
- 14 CLATSOP COMMUNITY COLLEGE
- 15 COLUMBIA GORGE COMMUNITY COLLEGE
- 16 KLAMATH COMMUNITY COLLEGE
- 17 LANE COMMUNITY COLLEGE
- 18 LINN-BENTON COMMUNITY COLLEGE
- 19 MT. HOOD COMMUNITY COLLEGE
- 20 OREGON COAST COMMUNITY COLLEGE
- 21 PORTLAND COMMUNITY COLLEGE
- 22 ROGUE COMMUNITY COLLEGE
- 23 SOUTHWESTERN COMMUNITY COLLEGE
- 24 TILLAMOOK COMMUNITY COLLEGE
- 25 TREASURE VALLEY COMMUNITY COLLEGE
- 26 UMPQUA COMMUNITY COLLEGE
- 77 OTHER [SPECIFY]
- 99 DK/REF

**EDUC3A1\*** [IF EDUC3A = 2,9 OR EDORA=2] In what state did you receive your Associate's degree?

- |               |                   |                    |
|---------------|-------------------|--------------------|
| 1 ALABAMA     | 20 MARYLAND       | 39 RHODE ISLAND    |
| 2 ALASKA      | 21 MASSACHUSETTS  | 40 SOUTH CAROLINA  |
| 3 ARIZONA     | 22 MICHIGAN       | 41 SOUTH DAKOTA    |
| 4 ARKANSAS    | 23 MINNESOTA      | 42 TENNESSEE       |
| 5 CALIFORNIA  | 24 MISSISSIPPI    | 43 TEXAS           |
| 6 COLORADO    | 25 MISSOURI       | 44 UTAH            |
| 7 CONNECTICUT | 26 MONTANA        | 45 VERMONT         |
| 8 DELAWARE    | 27 NEBRASKA       | 46 VIRGINIA        |
| 9 FLORIDA     | 28 NEVADA         | 47 WASHINGTON      |
| 10 GEORGIA    | 29 NEW HAMPSHIRE  | 48 WEST VIRGINIA   |
| 11 HAWAII     | 30 NEW JERSEY     | 49 WISCONSIN       |
| 12 IDAHO      | 31 NEW MEXICO     | 50 WYOMING         |
| 13 ILLINOIS   | 32 NEW YORK       | 51 WASHINGTON, DC  |
| 14 INDIANA    | 33 NORTH CAROLINA | 52 PUERTO RICO     |
| 15 IOWA       | 34 NORTH DAKOTA   | 53 OTHER [SPECIFY] |
| 16 KANSAS     | 35 OHIO           | 99 DON'T KNOW /    |
| 17 KENTUCKY   | 36 OKLAHOMA       | REFUSED            |
| 18 LOUISIANA  | 37 OREGON         |                    |
| 19 MAINE      | 38 PENNSYLVANIA   |                    |

**EDOR=**

**[IF EDUC < 52]** Did you attend undergraduate school at any Oregon public four-year university or college?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO EDUC3A1B]**
- 9 DK/REF **[SKIP TO EDUC3A1B]**

**EDUC3=**

**[IF EDUC <= 30 AND EDOR = 1]** Did you receive your bachelor's degree from an Oregon public four-year university or college?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO EDUC3A1]**
- 9 DK/REF **[SKIP TO EDUC3A1]**

**EDUC4=**

**[IF EDUC3 = 1]** From which Oregon public university or college did you receive your bachelor's degree?

- 1 EASTERN OREGON UNIVERSITY (FORMERLY EASTERN OREGON STATE COLLEGE)
- 2 OREGON INSTITUTE OF TECHNOLOGY
- 3 OREGON STATE UNIVERSITY
- 4 PORTLAND STATE UNIVERSITY
- 5 SOUTHERN OREGON UNIVERSITY
- 6 UNIVERSITY OF OREGON
- 7 WESTERN OREGON UNIVERSITY (FORMERLY WESTERN OREGON STATE COLLEGE AND OREGON COLLEGE OF EDUCATION)
- 8 OREGON HEALTH SCIENCES UNIVERSITY
- 9 OTHER **[SPECIFY]**
- 99 DON'T KNOW / REFUSED

**EDUC3A1B\***

**[IF EDUC3 = 2,9 OR (EDOR = 2 AND EDUC<=30)]** In what state did you receive your Bachelor's degree?

- |               |                   |                           |
|---------------|-------------------|---------------------------|
| 1 ALABAMA     | 20 MARYLAND       | 39 RHODE ISLAND           |
| 2 ALASKA      | 21 MASSACHUSETTS  | 40 SOUTH CAROLINA         |
| 3 ARIZONA     | 22 MICHIGAN       | 41 SOUTH DAKOTA           |
| 4 ARKANSAS    | 23 MINNESOTA      | 42 TENNESSEE              |
| 5 CALIFORNIA  | 24 MISSISSIPPI    | 43 TEXAS                  |
| 6 COLORADO    | 25 MISSOURI       | 44 UTAH                   |
| 7 CONNECTICUT | 26 MONTANA        | 45 VERMONT                |
| 8 DELAWARE    | 27 NEBRASKA       | 46 VIRGINIA               |
| 9 FLORIDA     | 28 NEVADA         | 47 WASHINGTON             |
| 10 GEORGIA    | 29 NEW HAMPSHIRE  | 48 WEST VIRGINIA          |
| 11 HAWAII     | 30 NEW JERSEY     | 49 WISCONSIN              |
| 12 IDAHO      | 31 NEW MEXICO     | 50 WYOMING                |
| 13 ILLINOIS   | 32 NEW YORK       | 51 WASHINGTON, DC         |
| 14 INDIANA    | 33 NORTH CAROLINA | 52 PUERTO RICO            |
| 15 IOWA       | 34 NORTH DAKOTA   | 53 OTHER <b>[SPECIFY]</b> |
| 16 KANSAS     | 35 OHIO           | 99 DON'T KNOW /           |
| 17 KENTUCKY   | 36 OKLAHOMA       | REFUSED                   |
| 18 LOUISIANA  | 37 OREGON         |                           |
| 19 MAINE      | 38 PENNSYLVANIA   |                           |

**CERTIF=**

**[IF EDUC > 30]** Have you completed a professional/technical, vocational, or career certificate program?

**[READ IF NECESSARY:** Does not include professional/technical or applied degrees through academic programs (e.g. community college degrees in applied science, electronic, nursing, etc.)]

**[READ IF NECESSARY:** These certificate programs could include, but are not restricted to: Business certificates (accounting for example); Health program certificates (speech, hearing, medical technology or equipment); Engineering technology programs (circuit design or testing, computer design digital signal processing, for example); Construction trades (welding, for example)]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO TRAFFR]**
- 9 DON'T KNOW / REFUSED **[SKIP TO TRAFFR]**

**CERTSUB\***

**[IF CERTIF = 1]** What is the subject matter of your certificate? **[OPEN-END]**

**[PROMPT:** Your highest or most recent degree.]

- 1 *Real Estate*
- 2 *Business / Managerial (includes. accounting)*
- 3 *Health Care Programs (nursing, medical technology, pharmacy, physical therapy, etc.)*
- 4 *Education / Teaching*
- 5 *Secretarial / Clerical*
- 6 *Engineering*
- 7 *Computer technology*
- 8 *Social / Protective Services (psychology, police, EMT, etc.)*
- 9 *Construction trades (carpenter, electrician, plumbing, welding, etc.)*
- 10 *Mechanics / Auto*
- 11 *Personal services (hairdresser, manicurist, etc.)*
- 12 *Advanced/continuing professional development for practitioners in the field*
- 98 *Miscellaneous*
- 99 *Don't know / refused*

**CERT3\***

**[IF CERTIF = 1]** Did you receive your certificate from an Oregon community college?

- 1 YES **[SKIP TO CERT4]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED **[SKIP TO TRAFFR]**

**CERTC3A\*** [IF CERT3 = 2] In which state did you receive your certificate?

- |               |                   |                    |
|---------------|-------------------|--------------------|
| 1 ALABAMA     | 20 MARYLAND       | 39 RHODE ISLAND    |
| 2 ALASKA      | 21 MASSACHUSETTS  | 40 SOUTH CAROLINA  |
| 3 ARIZONA     | 22 MICHIGAN       | 41 SOUTH DAKOTA    |
| 4 ARKANSAS    | 23 MINNESOTA      | 42 TENNESSEE       |
| 5 CALIFORNIA  | 24 MISSISSIPPI    | 43 TEXAS           |
| 6 COLORADO    | 25 MISSOURI       | 44 UTAH            |
| 7 CONNECTICUT | 26 MONTANA        | 45 VERMONT         |
| 8 DELAWARE    | 27 NEBRASKA       | 46 VIRGINIA        |
| 9 FLORIDA     | 28 NEVADA         | 47 WASHINGTON      |
| 10 GEORGIA    | 29 NEW HAMPSHIRE  | 48 WEST VIRGINIA   |
| 11 HAWAII     | 30 NEW JERSEY     | 49 WISCONSIN       |
| 12 IDAHO      | 31 NEW MEXICO     | 50 WYOMING         |
| 13 ILLINOIS   | 32 NEW YORK       | 51 WASHINGTON, DC  |
| 14 INDIANA    | 33 NORTH CAROLINA | 52 PUERTO RICO     |
| 15 IOWA       | 34 NORTH DAKOTA   | 53 OTHER [SPECIFY] |
| 16 KANSAS     | 35 OHIO           | 99 DON'T KNOW /    |
| 17 KENTUCKY   | 36 OKLAHOMA       | REFUSED            |
| 18 LOUISIANA  | 37 OREGON         |                    |
| 19 MAINE      | 38 PENNSYLVANIA   |                    |

**CERT4\*** [IF CERTIF = 1 AND CERT3 = 1] From which Oregon community college did you receive your certificate?

- 10 BLUE MOUNTAIN COMMUNITY COLLEGE
- 11 CENTRAL OREGON COMMUNITY COLLEGE
- 12 CHEMEKETA COMMUNITY COLLEGE
- 13 CLACKAMAS COMMUNITY COLLEGE
- 14 CLATSOP COMMUNITY COLLEGE
- 15 COLUMBIA GORGE COMMUNITY COLLEGE
- 16 KLAMATH COMMUNITY COLLEGE
- 17 LANE COMMUNITY COLLEGE
- 18 LINN-BENTON COMMUNITY COLLEGE
- 19 MT. HOOD COMMUNITY COLLEGE
- 20 OREGON COAST COMMUNITY COLLEGE
- 21 PORTLAND COMMUNITY COLLEGE
- 22 ROGUE COMMUNITY COLLEGE
- 23 SOUTHWESTERN COMMUNITY COLLEGE
- 24 TILLAMOOK COMMUNITY COLLEGE
- 25 TREASURE VALLEY COMMUNITY COLLEGE
- 26 UMPQUA COMMUNITY COLLEGE
- 88 OTHER [SPECIFY]
- 99 DK/REF

**TRANSPORTATION  
ASK OF ALL RESPONDENTS**

**TRAFFR=**

Now, let's talk a little bit about transportation in Oregon. How serious a problem is auto traffic congestion in your community? Is it a ...

**[READ LIST] [ROTATE RESPONSE LIST: HI-LO VS LO-HI ]**

- 1 Critical problem
- 2 Very serious problem
- 3 Moderate problem
- 4 Only a small problem
- 5 Not a problem at all
- 9 DON'T KNOW / REFUSED

**HWYSAFR=**

On a scale of 1 to 5, where 1 is "not at all safe" and 5 is "completely safe", How safe do you feel when you're on freeways and highways in Oregon?

**[ROTATE RESPONSE LIST: HI-LO VS LO-HI ]**

- 5 COMPLETELY SAFE
- 4
- 3
- 2
- 1 NOT AT ALL SAFE
- 9 DON'T KNOW / REFUSED

**OREGON STATE LOTTERY  
ASK OF ALL RESPONDENTS**

**LOTGAMR1!**

Next, I have a few questions about the Oregon Lottery. In the past 12 months, have you played any of the following Oregon Lottery Games?

**[READ ONE AT A TIME AND SELECT IF YES]**

**[ROTATE LIST]**

- 1 Scratch-it Click&Play games
- 2 Scratch-it Bingo
- 3 Scratch-it Crossword
- 4 Scratch-it excluding Scratch-it Bingo, Crossword, or Scratch-it Click&Play games
- 5 Megabucks
- 6 Oregon Lottery Keno
- 7 Breakopens or pull-tabs
- 8 Powerball
- 9 Sports Action
- 10 Oregon Lottery Video Poker
- 11 Oregon Lottery Video Line Games also known as slot games, and please note these line games are played on the same machines as video poker
- 12 Pick 4
- 13 Win for Life
- 14 Scoreboard
- 15 Lucky Lines
- 16 NONE OF THE ABOVE
- 99 DON'T KNOW/REFUSED

**LOTASHR=** [IF LOTGAMR1 EQ 1-15] In a typical month how much do you spend on all Oregon Lottery games?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_\_ (NO COMMAS, ROUND TO THE NEAREST DOLLAR)  
10000 \$10,000 OR MORE  
99999 DON'T KNOW / REFUSED

**GAMR=** [ALL] In the past 12 months, have you played non-Lottery games like Bingo, Horse or Dog Racing, Indian Casinos, Sports Betting, Resort Casinos (eg., Las Vegas or a cruise ship), raffle for fund raising, office pools?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**GAMASHR=** [IF GAMR = YES] In a typical month, how much do you spend on other gambling activities including Bingo, horse or dog racing, Indian Casinos, sports betting, or Nevada casinos?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

**[TRIPS TO NEVADA AND INDIAN CASINOS ONLY INCLUDES MONEY SPENT ON GAMBLING, NOT TRAVEL EXPENSES.]**

\_\_\_\_\_ (NO COMMAS, ROUND TO THE NEAREST DOLLAR)  
99998 \$99,998 OR MORE  
99999 DON'T KNOW / REFUSED

**PERSONAL SHOPPING PATTERNS  
ASK OF ALL RESPONDENTS**

**SHOP1INT=** [ALL] Now I would like to ask you about your shopping habits. I am going to read you a list of different types of stores, and for each one, please tell me how many times in a day, week, or month you shop at that type of store.

**[READ ITEMS & ROTATE.]**

\_\_\_ ENTER NUMBER  
99 DON'T KNOW / REFUSED

**[PROBE: Would that be per day / week / month?]**

**ITEM**

- SHOPPAT1A=** Convenience store that does not sell gas (e.g. 7-11 that does not sell gas, Plaid Pantry that does not sell gas)
- SHOPPAT1B=** Convenience store that sells gas
- SHOPPAT1C=** Supermarkets like Albertson's, Safeway, Roth's, and Winco
- SHOPPAT1D=** Tobacco store (i.e., store that specializes in tobacco products)
- SHOPPAT1E=** Fred Meyer
- SHOPPAT1F=** Drug & variety stores like Walgreen's and Rite Aid
- SHOPPAT1G=** Liquor store
- SHOPPAT1H=** Warehouse club stores like Costco
- SHOPPAT1I=** Stores like Walmart, K-Mart, Target
- SHOPPAT1J=** Specialty grocery stores like Trader Joe's and New Season

**SHOPPAT=** **IF SHOPPAT1C, SHOPPAT1E, SHOPPAT1H OR SHOPPAT1I OR SHOPPAT1J, AT LEAST ONCE A MONTH]** Please name the retailer establishment/s which you go to at least once a month for your grocery shopping

**[MULTIPLE RESPONSE]**

**[PROBE UNTIL NEGATIVE]**

- 1 ALBERTSON'S
- 2 COSTCO
- 3 DANIELSONS
- 4 FOOD-FOR-LESS
- 5 FRED MEYER
- 6 HAGGEN
- 7 K-MART
- 8 LAMB'S
- 9 MCKAYS
- 10 WILD OATS / NATURE'S / *Whole Foods*
- 11 NEW SEASONS
- 12 QFC
- 13 RAY'S
- 14 ROSAUERS
- 15 ROTH'S
- 16 SAFEWAY
- 17 SENTRY
- 18 TARGET
- 19 THRIFTWAY / (*Chester's Thriftway / Hank's Thriftway*)
- 20 TRADER JOE'S
- 21 WAL-MART
- 22** WINCO / *Walmart*
- 23 ZUPANS
- 24 OTHER [SPECIFY]
- 25 OTHER [SPECIFY]
- 26 OTHER [SPECIFY]
- 27** *Clark's*
- 28** *Century*

- 29 *Erickson's*
- 30 *Grocery Outlet / Rainbow*
- 31 *Market of Choice*
- 32 *Red Apple*
- 33 *Sherm's / Thunderbird*
- 34 *Shop-n-Cart*
- 35 *Super One*
- 36 *BuyMart (Bi-Mart)- \*note, this is a different code than 2004*
- 37 *Canned Food Store- \*note, this is a different code than 2004*
- 38 *IGA- \*note, this is a new code*
- 39 *Price-n-Pride \*note, this is a new code*
- 99 DON'T KNOW / REFUSED

**BANKING / PAYDAY LOANS QUESTIONS  
ASK OF ALL RESPONDENTS**

**CHECK\*** Do you have a checking account?

- 1 YES [SKIP TO CHKFEE]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**DENIED\*** [IF CHECK = 2, 9] Have you, personally, applied for a checking account and been denied?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**CHKFEE\*** [ALL] Have you, personally, paid a fee to cash a check in the last year?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**PDYLN\*** Have you, personally, taken out a payday loan in the last year?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO INT4]
- 9 DON'T KNOW / REFUSED [SKIP TO INT4]

**LNNUM\*** [IF PDYLN = 1] How many payday loans have you, personally, taken out in the last year?

- ENTER NUMBER
- 98 98 OR MORE
- 99 DON'T KNOW / REFUSED

**INTLN\*** [IF LNNUM = 1-98] How many of those payday loans were taken out over the Internet?

— ENTER NUMBER  
98 98 OR MORE  
99 DON'T KNOW / REFUSED

**SUPPLEMENTAL QUESTIONS  
ASK OF RANDOM SUBSETS OF ALL RESPONDENTS**

**[THE 3,200 BASE SAMPLE GROUP WILL BE RANDOMLY ASSIGNED TO ONE OF FIVE GROUPS. FOUR OF THE FIVE GROUPS WILL BE ASKED A SUBSET OF THE SUPPLEMENTAL QUESTIONS. GROUP 5 WILL NOT BE ASKED ANY OF THE SUPPLEMENTAL QUESTIONS].**

**INT4=** These next few questions have to do with how good a job you think Oregon is doing in several areas. For each question I ask, please tell me if you think Oregon is doing a "very good" job, "somewhat good", "somewhat bad," or a "very bad" job.

**ROTATION BEGINNING [RANDOMIZE ST16 TO GRWTH].**

**GROUP 1: SOCIAL**

**GROUP 2: EDUCATION**

**GROUP 3: ENVIRONMENTAL**

**GROUP 4: ECONOMY**

**GROUP 5: SKIP TO NEXT SECTION**

FOR ALL "ST" AND "GRWTH" QUESTIONS USE SCALE BELOW:

[NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY GOOD JOB" IS 5 AND "VERY BAD JOB" IS 1.]

[READ LIST IF NEEDED]

- 1 (Very good job)
- 2 (Somewhat good job)
- 3 NEUTRAL **[DO NOT READ]**
- 4 (Somewhat bad job)
- 5 (Very bad job)
- 8 NOT APPLICABLE / NO EXPERIENCE
- 9 DON'T KNOW / REFUSED

**ST16=** [IF GROUP = 4] How good a job do you think Oregon is doing creating jobs?

**ST2=** [IF GROUP = 4] How good a job do you think Oregon is doing helping individuals and families in need?

**ST13=** [IF GROUP = 4] How good a job do you think Oregon is doing providing affordable access to health care?

**ST4=** [IF GROUP = 2] How good a job do you think Oregon is doing providing primary and secondary education?

**[PROMPT: Primary education is Kindergarten to Grade 8, secondary is Grades 9-12.]**

- ST8=** [IF GROUP = 1] How good a job do you think Oregon is doing maintaining highways, roads, and bridges?
- ST10=** [IF GROUP = 1] How good a job do you think Oregon is doing developing mass transit, such as bus systems and light rail?
- ST21=** [IF GROUP = 2] How good a job do you think Oregon is doing providing community college education?
- ST22=** [IF GROUP = 2] How good a job do you think Oregon is doing providing undergraduate and graduate education at public four-year colleges and universities?
- ST5=** [IF GROUP = 1] How good a job do you think Oregon is doing controlling drug use?
- ST14=** [IF GROUP = 1] How good a job do you think Oregon is doing controlling crime?
- ST6=** [IF GROUP = 3] How good a job do you think Oregon is doing protecting natural resources such as forests, rivers and farmland?
- ST7=** [IF GROUP = 3] How good a job do you think Oregon is doing maintaining clean air and water?
- ST9=** [IF GROUP = 3] How good a job do you think Oregon is doing providing parks and open spaces?
- ST23=** [IF GROUP = 3] How good a job do you think Oregon is doing preserving Oregon's heritage for the next generation?  
 [PROBE: By 'Oregon's heritage', I mean the historic places and buildings, archeological sites, and historic cemeteries that are especially important reminders of Oregon's past.]
- GRWTH=** [ALL] How good a job do you think Oregon is doing managing growth and preventing sprawl?  
 [READ IF NECESSARY: Sprawl = "Whatever that means to you."]

[END ROTATION]

<p><b>SALMON QUESTIONS ASKED OF ALL RESPONDENTS</b></p>
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**SAL1=** [ALL] Now I would like to ask you about the salmon runs in Oregon. As you may know, salmon runs are declining in Oregon. How important do you feel it is to improve salmon runs in Oregon? Is it...[READ LIST]

[NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY IMPORTANT" IS 4 AND "NOT AT ALL IMPORTANT" IS 1.]

- 1 Very important
- 2 Somewhat important
- 3 Not too important
- 4 Not at all important
- 9 DK/REF

**SAL2=**

How much per month would you be willing to pay for water quality and habitat improvement efforts to help improve salmon runs in Oregon? Would it be...

**[READ LIST]**

- 1 Zero dollars
- 2 One to three dollars
- 3 Four to six dollars
- 4 Seven to ten dollars
- 5 More than ten dollars
- 9 DK/REF

**TAX / TECHNOLOGY QUESTIONS  
ASK OF ALL RESPONDENTS**

**BENCH=**

How familiar are you with Oregon Benchmarks? Are you "very familiar," "somewhat familiar," "not too familiar," or "not at all familiar"?

[NOTE, IN FINAL DATA FILE THE VALUES OF THE SCALE WERE REVERSED SO THAT "VERY FAMILIAR" IS 4 AND "NOT AT ALL FAMILIAR" IS 1.]

- 1 VERY FAMILIAR
- 2 SOMEWHAT FAMILIAR
- 3 NOT TOO FAMILIAR
- 4 NOT AT ALL FAMILIAR
- 9 DON'T KNOW / REFUSED

**TAX1=**

Now, I am going to ask you a few questions about state revenues and expenses. Just your best guess is fine. Which of the following do you think is the biggest source of revenue for Oregon State government? Do you think it is...

**[READ LIST]**

**[RANDOMIZE RESPONSES 1-5]**

- 1 Corporate-income tax
- 2 Property tax
- 3 Personal income tax
- 4 Lottery revenues
- 5 Licenses and fees
- 9 DON'T KNOW / REFUSED

**TAX2=**

And, now thinking about how state revenues are spent, which of the following do you think makes up the biggest portion of the state government's general fund spending? Do you think it is...

**[READ LIST]**

**[RANDOMIZE RESPONSES 1-3]**

- 1 Public safety (police, corrections, etc.)
- 2 Human resources (welfare, social programs, etc)
- 3 Education
- 4 All other state expenditures (including natural resources, economic development, environmental protection, etc.)
- 9 DON'T KNOW / REFUSED

**ARTS1=** With the exception of elementary or high school performance, in the last 12 months did you go to or visit . . . ?

**[ROTATE LIST – ARTS1G SHOULD ALWAYS FOLLOW ARTS1F]**

**ARTS1A=** A live jazz performance

**ARTS1B=** A live classical music performance (such as symphony, chamber or choral music)

**ARTS1C=** A live opera

**ARTS1D=** A live musical stage play or operetta

**ARTS1E=** A live performance or nonmusical stage play

**ARTS1F=** A live ballet performance

**ARTS1G=** Other live dance performance (modern, folk, or tap)

**ARTS1H=** An art museum or gallery

**ARTS1I=** An arts and craft fair or festival

**ARTS1J=** A historic park or monument or tour buildings or neighborhoods for their historic or design value

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**ARTS1AA-AJ\*** **[FOR EACH YES IN ARTS1A to ARTS1J]** How many times in the past 12 months did you go to or visit [RESTORE RESPONSE FROM ARTS1]?

- ENTER RESPONSE
- 97 97 OR MORE TIMES
  - 99 DON'T KNOW / REFUSED

**ARTS2=** With the exception of books required for work or school did you read any. . . ?

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 Plays
- 2 Poetry
- 3 Novels or short stories
- 9 NONE / DON'T KNOW / REFUSED

**TECHNOLOGY  
ASK OF ALL RESPONDENTS**

**CMP4=** **[ALL]** Do you, personally, have access to a personal computer?

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 In your home
- 2 Where you work
- 3 Other places such as the library, an Internet cafe
- 4 NONE OF THE ABOVE
- 9 DON'T KNOW / REFUSED

**CMP6=**

**[IF CMP4 = 1]** Can you use the computer at home to access the Internet?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 8 DK
- 9 REF

**CMP7=**

**[IF CMP6 =1]** Do you, personally, have high-speed Internet access at home such as DSL or cable modem?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 8 DK
- 9 REF

**CMP8=**

**[ALL]** Do you use a computer anywhere to create or edit documents or graphics, or to analyze data?

**[IF YES, PROBE: "Would that be a little or a lot?"]**

- 1 YES – A LOT
- 2 YES – A LITTLE
- 3 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**LOTPCG=**

**[IF CMP4=1]** Which of the following games do you play on your home computer?

**[READ LIST AND CHECK ALL THAT APPLY]**

- 1 PC games that come on the computer such as solitaire and minesweeper
- 2 PC Games that are purchased and loaded on your computer such as Myst or SimCity
- 3 Internet PC Games, such as Slingo, Real Arcade, etc.
- 4 I don't play any computer games on my home computer
- 9 DON'T KNOW / REFUSED

## HEALTH INSURANCE / COVERAGE ASK OF ALL RESPONDENTS

HIINTRO The next questions are about health insurance.

**HI-H14\***: Do you **currently** have **[ENTER H1-H14]**?

**[IF YES, PROBE: "Besides this, do you have any other type of insurance coverage?"]**

PROGRAMMER NOTE: THE PROBE SHOULD NOT BE ASKED IN RESPONSE TO YES TO H14

- 1 YES – HAVE THIS AND OTHER INSURANCE COVERAGE **[PROCEED WITH ROSTER]**
- 2 YES – HAVE THIS AND NO OTHER INSURANCE COVERAGE *[RECODED TO "1" IN THE FINAL DATA FILE]* **[SKIP TO H15]**
- 3 NO **[PROCEED WITH ROSTER]**
- 8 DON'T KNOW **[PROCEED WITH ROSTER]**
- 9 REFUSED **[PROCEED WITH ROSTER]**

**[NOTE TO PROGRAMMER :** A response of DON'T KNOW or REFUSED should be treated as a NO.

- H1!** Medicare? **[PROBE:** Medicare is the health insurance for persons 65 years old and over or some people with disabilities. This is NOT the Oregon Health Plan. Medicare has a red, white and blue card.]
- H2\*** A Railroad Retirement Plan?
- H3!** Veteran's Affairs, Military Health, TRICARE or CHAMPUS?
- H4!** Indian Health Service (IHS)?
- H5!** Oregon Health Plan also known as Medicaid or OMAP (Oregon Medical Assistance Program)? **[Note: CareOregon=OHP]** **[PROBE:** This is Oregon's Medicaid program for low-income families with children, seniors, and people with disabilities.
- H6!** **[IF AGE<19 OR AGE2 =1]** Children's Health Insurance Program or CHIP?  
**[READ IF NECESSARY:** This is health insurance for children available through OMAP]
- H7!** Insurance through the Family Health Insurance Assistance Program or FHIAP ? **[NOTE TO INTERVIEWER: PRONOUNCED FEE-AWP]** **[PROBE:** This is a state program that subsidizes health insurance premiums for qualified families.]
- H8!** Insurance through the Oregon Medical Insurance Pool or high risk pool (known as OMIP)?
- H9\*** Cobra **[PROBE:** Continuation of health benefits for a specified period of time from a former employer.]
- H11!** Health insurance through your work or union?  
**[PROBE:** This insurance could be through a former employer or a retiree benefit, but not COBRA.]
- H12!** Health insurance through someone else's work or union?  
**[PROBE:** This insurance could be through a former employer or a retiree benefit, but not COBRA.]
- H13!** Health insurance bought directly by you?
- H14\*** Health insurance bought directly by someone else?

**[Programmer Note: IF <TARGET> HAS ONLY INDIAN SERVICES, SKIP TO H15A IF <TARGET> HAS ANY OTHER INSURANCE, SKIP TO H17.]**

**H15\*** **[IF NO TO ALL H1-H14]** According to the information you provided, you do not have health insurance coverage. Does anyone else pay for your bills when you go to a doctor or hospital?

- 1 YES **[SKIP TO H16]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO H17]**
- 8 DON'T KNOW **[SKIP TO H17]**
- 9 REFUSED **[SKIP TO H17]**

**NOTE TO PROGRAMMER: IF TARGET HAS ONLY INDIAN SERVICES, CONTINUE WITH H15A. IF NOT, SKIP TO H17.**

**H15a\*** You've just told me that you receive services through the Indian Health Service. In addition to this, does anyone else pay for your bills when you go to a doctor or hospital?

- 1 YES **[SKIP TO H16]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO H17]**
- 8 DON'T KNOW **[SKIP TO H17]**
- 9 REFUSED **[SKIP TO H17]**

**H16\*** **[IF H15= 1 OR H15A = 1]** And who is that?  
**[DO NOT READ, SELECT ANSWER]**

- 1 MEDICARE **[SKIP TO MEDIGAP]**
- 2 RAILROAD RETIREMENT PLAN **[SKIP TO H17]**
- 3 VETERAN'S AFFAIRS, MILITARY HEALTH, TRICARE OR CHAMPUS? **[SKIP TO H17]**
- 4 INDIAN HEALTH SERVICE **[SKIP TO H17]**
- 5 OREGON HEALTH PLAN (OREGON MEDICAL ASSISTANCE PROGRAM (OMAP), MEDICAID, CAREOREGON **[SKIP TO H17]**
- 6 CHILDREN'S HEALTH INSURANCE PROGRAM (CHIP OR S-CHIP) **[SKIP TO H17]**
- 7 INSURANCE THROUGH THE FAMILY HEALTH INSURANCE ASSISTANCE PROGRAM (FHIAP)-(NOTE TO INTERVIEWER: PRONOUNCED FEE-AWP) (THIS IS A STATE PROGRAM THAT SUBSIDIZES HEALTH INSURANCE PREMIUMS FOR QUALIFIED FAMILIES) **[SKIP TO H17]**
- 8 OREGON MEDICAL INSURANCE POOL OR OMIP (HIGH RISK POOL) **[SKIP TO H17]**
- 9 COBRA **[SKIP TO H17]**
- 10 HEALTH INSURANCE THROUGH <TARGET'S>. WORK OR UNION **[SKIP TO H17]**
- 11 HEALTH INSURANCE THROUGH SOMEONE ELSE'S WORK OR UNION **[SKIP TO H17]**
- 12 HEALTH INSURANCE BOUGHT DIRECTLY BY <TARGET>. **[SKIP TO H17]**
- 13 HEALTH INSURANCE BOUGHT DIRECTLY BY SOMEONE ELSE **[SKIP TO H17]**
- 14 WORKERS' COMPENSATION FOR SPECIFIC INJURY/ILLNESS **[SKIP TO H17]**
- 15 <TARGET'S>EMPLOYER PAYS FOR BILLS, BUT NOT AN INSURANCE POLICY **[SKIP TO H17]**
- 16 FAMILY MEMBER PAYS OUT OF POCKET FOR ANY BILLS **[SKIP TO H17]**
- 17 NO PRIVATE OR PUBLIC INSURANCE **[SKIP TO H17]**
- 18 OTHER NON-INSURANCE PAYMENT SOURCE **[SKIP TO H17]**
- 19 OTHER [SPECIFY]
- 99 DK/REF **[SKIP TO H17]**

**MEDIGAP\*** **[IF H1 EQ 1 OR H16 EQ 1]** Do you have additional insurance to supplement Medicare, such as self-purchased Medigap policy, or a retiree benefit?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**H17\*** [ALL] At any time in the last 12 months, were you, personally, without health insurance?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO DENT1]
- 9 DON'T KNOW / REFUSED [SKIP TO DENT1]

**H18\*** [IF H17 EQ 1] How many months during the past year were you, personally, without coverage?

- Months
- 99 DON'T KNOW / REFUSED [SKIP TO DENT1]

**H20\*** [IF H17 EQ 1] Was cost a reason why you did not have health insurance at some point in the past 12 months?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**H21\*** [IF H17 EQ 1] Other than cost, what was the primary reason you did not have health insurance coverage for part of the past 12 months?

**[DO NOT READ; SELECT ANSWER]**

- 1 DID NOT NEED OR WANT HEALTH INSURANCE
- 2 RARELY SICK
- 3 DO NOT KNOW WHERE TO BEGIN / WHERE TO GO
- 4 TOO MUCH HASSLE / PAPERWORK
- 5 EXPECT TO BE COVERED BY HEALTH INSURANCE POLICY SHORTLY
- 6 BENEFIT PACKAGE DIDN'T MEET NEEDS
- 7 DOUBT ELIGIBLE / REJECTED BECAUSE OF A HEALTH CONDITION
- 8 NOT ELIGIBLE FOR REASON OTHER THAN HEALTH
- 9 CURRENT EMPLOYER DOES NOT OFFER COVERAGE BENEFITS
- 10 DO NOT WORK ENOUGH HOURS IN A WEEK
- 11 HAVE NOT BEEN WITH EMPLOYER LONG ENOUGH / *Change of employment*
- 12 WAS COVERED, BUT LOST JOB
- 13 EMPLOYER DROPPED COVERAGE
- 14 OTHER [SPECIFY]
- 15 COST IS THE ONLY REASON
- 88 DON'T KNOW
- 99 REFUSED

**DENTAL CARE / COVERAGE  
ASK OF ALL RESPONDENTS**

**DENT1!**

**[ALL]** The next few questions are about dental care. Which of the following best describes how long it has been since you, personally, last visited the dentist?

**[READ IF NECESSARY: "Year" refers to the previous 12 months (not calendar year)]**

- 1 Less than 1 year ago **[SKIP TO DENT3]**
- 2 At least 1 year, but less than 2 years
- 3 At least 2 years, but less than 5 years
- 4 5 years or more
- 5 YOU HAVE NEVER VISITED A DENTIST
- 9 DK/REF **[SKIP TO DENT3]**

**DENT2A=**

**[IF DENT1 = 2-5]** What is the primary reason you have not visited the dentist within the last year?

**[READ IF NECESSARY: "Year" refers to the previous 12 months (not calendar year)]**

- 1 FEAR, APPREHENSION, NERVOUSNESS, PAIN, DISLIKE
- 2 COST OF GOING
- 3 DO NOT HAVE / KNOW A DENTIST
- 4 CANNOT GET TO THE OFFICE / NO TRANSPORTATION
- 5 NO REASON TO GO
- 6 OTHER PRIORITIES
- 7 HAVE NOT THOUGHT OF IT
- 8 NO TEETH / *dentures*
- 9 TOO YOUNG
- 10 *No / inadequate insurance*
- 11 *Busy / not convenient / no time*
- 98 OTHER [PLEASE SPECIFY] / *lazy*
- 99 DK / NOT SURE

**DENT3=**

**[ALL]** Are you covered for any dental care by dental insurance, an HMO plan, Medicaid, public assistance, or the military?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

## HOUSEHOLD GRID

**[PROGRAMMING NOTE: OFFER ONLINE OPTION ONLY FOR ENGLISH VERSION]**

**HHINTRO\*** This section of the survey is very important as we use it to understand more about everyone who lives in Oregon. For this section, I will be asking you some questions about each member of your household. These include questions about their relationship to you, their age, gender, education levels, insurance coverage, etc. Depending upon the size of your household, this section will take approximately <ADD QUEUE TIME> minutes.

We can continue to complete this section of the survey on the phone or you can complete this section online. If you choose to complete this section of the survey online we do have some additional questions to ask now. We will then get your e-mail address and send you a link with a password to complete the remainder of the survey.

In order for you to qualify to receive the \$5.00 and to be entered into the drawing to win one of 25 \$100.00 cash prizes, you must complete this section on the phone or online.

Would you like to continue this section of the survey on the phone or do you prefer to complete this section online?

- 1 CONTINUE ON PHONE
- 2 COMPLETE ONLINE
- 3 CALLBACK [**SCHEDULE A CALLBACK**]

**HHEMAIL\*** [**HHINTRO = 2**] Great! Can I get your email address so I can send you the link?

ENTER EMAIL ADDRESS: \_\_\_\_\_ [**VERIFY ADDRESS**]

**HHEMAIL2\*** Thank you, we will call to verify you received the link to the survey.

**[NOTE TO PROGRAMMER: IF RESPONDENT REFUSES TO ANSWER THE FIRST FOUR QUESTIONS ABOUT HIS/HER ROOMMATE, SKIP TO NEXT PERSON IN THE HOUSEHOLD GRID.]**

**RELINTRO=** [**IF HHNUMAR = 2-15**] I have a few questions about each member of your household. Please don't tell me any names, just the relationship of the person to you. So that we can both keep track of the person I'm asking questions about, I'd like to start with the oldest person and go in order from oldest to youngest.

**REL.#**

What is the relationship to you of the (next) oldest member of your household?

**[READ IF NECESSARY]**

- 01 (Wife)
- 02 (Husband)
- 03 (Daughter (natural-born or adopted) / step-daughter)
- 04 (Son (natural-born or adopted) / step-son)
- 05 (Brother/sister/sibling)
- 06 (Mother/ Stepmother)
- 07 (Father/ Stepfather)
- 08 (Granddaughter)
- 09 (Grandson)
- 10 (Grandmother)
- 11 (Grandfather)
- 12 (Other relative)
- 13 (Roomer, boarder, foster child)
- 14 (Roommate, housemate)
- 15 (Unmarried partner/cohabitant)
- 16 (OTHER NON-RELATIVE)
- 98 (OTHER) (NOT SPECIFIED RELATIVE OR NON RELATIVE) [SPECIFY]
- 99 REFUSED **[SKIP TO NEXT HH MEMBER]**
- 88 DON'T KNOW / NOT SURE **[SKIP TO NEXT HH MEMBER]**
- 00 NO OTHER MEMBERS OF THE HOUSEHOLD

**RELNUM HOUSEHOLD MEMBER COUNTER**

(0=respondent, 1=next household member and so on up to 14)

**PROGRAMMING NOTE: SHOW THE FOLLOWING ON EACH SCREEN OF HOUSEHOLD GRID.  
[YOU ARE ON HOUSEHOLD MEMBER <RELNUM> OF <HHNUMAR>.]**

**[ASK THE QUESTIONS SEX.# TO LIBYR1.# FOR ALL HH MEMBERS, IF REL = 1-16,98]**

**SEX.#**

**[ASK IF REL.# = 5,12-98]** Is your/the <REL >male or female?

- 1 Male
- 2 Female
- 9 DON'T KNOW / REFUSED

**AGE.#**

**[IF REL.# = 1-16, 98]** How old is your/the <REL >?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF AGE OR BIRTH DATE]**

**[IF AGE NOT KNOWN ENTER 98 AND ASK:** In what year and month was your <REL > born? So they must be \_\_\_\_ years old now. Is that correct? **[INTERVIEWER ENTER AGE]]**

- \_\_\_\_\_ YEARS OLD (**COMPLETED YEARS; DO NOT ROUND UP**)
- 0 < ONE
- 96 96 OR OVER
- 99 DON'T KNOW / REFUSED

**AGE2.#** [IF AGE.# = 99] Would that be...

- |    |           |    |                      |
|----|-----------|----|----------------------|
| 1  | 0-4 yrs   | 12 | 40-44 yrs            |
| 2  | 5- 9 yrs  | 13 | 45-49 yrs            |
| 3  | 10-12 yrs | 14 | 50-54 yrs            |
| 4  | 13-14 yrs | 15 | 55-59 yrs            |
| 5  | 15-17 yrs | 16 | 60-64 yrs            |
| 6  | 18 yrs    | 17 | 65-69 yrs            |
| 7  | 19 yrs    | 18 | 70-74 yrs            |
| 8  | 20-24 yrs | 19 | 75-79 yrs            |
| 9  | 25-29 yrs | 20 | 80-84 yrs            |
| 10 | 30-34 yrs | 21 | 85 yrs or over       |
| 11 | 35-39 yrs | 99 | DON'T KNOW / REFUSED |

**LIVEWHR.#** [IF REL.# = 1-16,98 AND (AGE.# GE 5 OR AGE2.# GE2)] What state or foreign country was your/the <REL >living in 5 years ago?

- |    |                |    |                |    |                       |
|----|----------------|----|----------------|----|-----------------------|
| 1  | ALABAMA        | 25 | MASSACHUSETTS  | 47 | TENNESSEE             |
| 2  | ALASKA         | 26 | MICHIGAN       | 48 | TEXAS                 |
| 4  | ARIZONA        | 27 | MINNESOTA      | 49 | UTAH                  |
| 5  | ARKANSAS       | 28 | MISSISSIPPI    | 50 | VERMONT               |
| 6  | CALIFORNIA     | 29 | MISSOURI       | 51 | VIRGINIA              |
| 8  | COLORADO       | 30 | MONTANA        | 53 | WASHINGTON            |
| 9  | CONNECTICUT    | 31 | NEBRASKA       | 54 | WEST VIRGINIA         |
| 10 | DELAWARE       | 32 | NEVADA         | 55 | WISCONSIN             |
| 11 | WASHINGTON, DC | 33 | NEW HAMPSHIRE  | 56 | WYOMING               |
| 12 | FLORIDA        | 34 | NEW JERSEY     | 62 | EUROPE [SPECIFY]      |
| 13 | GEORGIA        | 35 | NEW MEXICO     | 63 | LATIN AMERICA         |
| 15 | HAWAII         | 36 | NEW YORK       |    | [SPECIFY]             |
| 16 | IDAHO          | 37 | NORTH CAROLINA | 64 | AFRICA [SPECIFY]      |
| 17 | ILLINOIS       | 38 | NORTH DAKOTA   | 65 | ASIA/PACIFIC ISLANDS  |
| 18 | INDIANA        | 39 | OHIO           |    | [SPECIFY]             |
| 19 | IOWA           | 40 | OKLAHOMA       | 66 | CANADA                |
| 20 | KANSAS         | 41 | OREGON         | 67 | AUSTRALIA/NEW ZEALAND |
| 21 | KENTUCKY       | 42 | PENNSYLVANIA   | 97 | OTHER [SPECIFY]       |
| 22 | LOUISIANA      | 44 | RHODE ISLAND   | 99 | DON'T KNOW / REFUSED  |
| 23 | MAINE          | 45 | SOUTH CAROLINA |    |                       |
| 24 | MARYLAND       | 46 | SOUTH DAKOTA   |    |                       |

**HISPAR.#** [IF REL.# = 1-16,98] Is your/the <REL > Spanish, Hispanic, or Latino?

[PROBE: Were their ancestors Mexican, Puerto Rican, Cuban, Central or South American, or from Spain?]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**RACE.#**

**[IF REL.# = 1-16, 98]** I'm going to read a list of race categories. Please choose one or more races your/the <REL > considers himself/herself to be:

**[CLARIFY "INDIAN" WITH "Is that American Indian or Asian Indian?"]**

**[ASIAN/PACIFIC ISLANDER INCLUDES GROUPS SUCH AS: CHINESE, FILIPINO, HAWAIIAN, INDIAN (ASIAN), VIETNAMESE, KOREAN, JAPANESE, CAMBODIAN, AND SAMOAN.]**

**[NOTE TO INTERVIEWER: If they say "Hispanic" PROBE:** In addition to Hispanic, what other race categories does your <REL> consider him/herself to be?]

**[READ LIST]**

- 1 White
- 2 Black or African American
- 3 American Indian or Alaska Native
- 4 Asian or Pacific Islander
- 5 Some other race **[SPECIFY]**
- 7 Hispanic race**
- 9 DON'T KNOW / REFUSED

**HIINTRO.#**

**[IF REL.# = 1-16,98]** The next questions concern health insurance that other people in your household may have at this time.

**HI.#-H14.#:**

**[IF REL.# = 1-16,98]** Does your / the <REL> **currently** have **[ENTER H1.#-H14.#]**?

**[IF YES, PROBE:** "Besides this, do you have any other type of insurance coverage?"]  
PROGRAMMER NOTE: THE PROBE SHOULD NOT BE ASKED IN RESPONSE TO YES TO H14.#

- 1 YES – HAVE THIS AND OTHER INSURANCE COVERAGE **[PROCEED WITH ROSTER]**
- 2 YES – HAVE THIS AND NO OTHER INSURANCE COVERAGE **[SKIP TO H15.#]**
- 3 NO **[PROCEED WITH ROSTER]**
- 8 DON'T KNOW **[PROCEED WITH ROSTER]**
- 9 REFUSED **[PROCEED WITH ROSTER]**

**[NOTE TO PROGRAMMER:** A response of DON'T KNOW or REFUSED should be treated as a NO.

**H1.#** Medicare? **[PROBE:** Medicare is the health insurance for persons 65 years old and over or some people with disabilities. This is NOT the Oregon Health Plan. Medicare has a red, white and blue card.]

**H2.#** A Railroad Retirement Plan?

**H3.#** Veteran's Affairs, Military Health, TRICARE or CHAMPUS?

**H4.#** Indian Health Service (IHS)?

**H5.#** Oregon Health Plan also known as Medicaid or OMAP (Oregon Medical Assistance Program)?  
**[Note: CareOregon=OHP] [PROBE:** This is Oregon's Medicaid program for low-income families with children, seniors, and people with disabilities.

**H6.#** **[IF AGE<19.# OR AGE2.# <7]** Children's Health Insurance Program or CHIP?  
**[READ IF NECESSARY:** This is health insurance for children available through OMAP]

**H7.#** Insurance through the Family Health Insurance Assistance Program or FHIAP ? **[NOTE TO INTERVIEWER: PRONOUNCED FEE-AWP] PROBE:** This is a state program that subsidizes health insurance premiums for qualified families.]

**H8.#** Insurance through the Oregon Medical Insurance Pool or high risk pool (known as OMIP)?

**H9.#** Cobra **[PROBE:** Continuation of health benefits for a specified period of time from a former employer.]

**H11.#** **[IF AGE GE 15.# OR AGE2.# GE 5]** Health insurance through <REL'S> work or union? **[PROBE:** This insurance could be through a former employer or a retiree benefit, but not COBRA.]

**H12.#** Health insurance through someone else's work or union? **[PROBE:** This insurance could be through a former employer or a retiree benefit, but not COBRA.]

**H13.#** **[IF AGE GE 15.# OR AGE2.# GE 5]** Health insurance bought directly by <REL>?

**H14.#** Health insurance bought directly by someone else?

**H15.#** **[IF NO TO ALL H1.#-H14.#]** According to the information you provided, your <REL> does not have health insurance coverage. Does anyone else pay for the bills when your <REL> go to a doctor or hospital?

- 1 YES **[SKIP TO H16.#]**
- 2 NO **[RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO H17.#]**
- 8 DON'T KNOW **[SKIP TO H17.#]**
- 9 REFUSED **[SKIP TO H17.#]**

**NOTE TO PROGRAMMER: IF <REL> HAS ONLY INDIAN SERVICES, CONTINUE WITH H15A.#. IF NOT, SKIP TO H17.#.**

**H15a.#** You've just told me that your <REL> receives services through the Indian Health Service. In addition to this, does anyone else pay for your <REL's> bills when he / she goes to a doctor or hospital?

- 1 YES **[SKIP TO H16.#]**
- 2 NO **[RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO H17.#]**
- 8 DON'T KNOW **[SKIP TO H17.#]**
- 9 REFUSED **[SKIP TO H17.#]**

**H16.#** [IF H15.# = 1 OR H15A.# = 2] And who is that?

**[DO NOT READ, SELECT ANSWER]**

- 1 MEDICARE **[SKIP TO MEDIGAP.#]**
- 2 RAILROAD RETIREMENT PLAN **[SKIP TO H17.#]**
- 3 VETERAN'S AFFAIRS, MILITARY HEALTH, TRICARE OR CHAMPUS? **[SKIP TO H17.#]**
- 4 INDIAN HEALTH SERVICE **[SKIP TO H1.#7]**
- 5 OREGON HEALTH PLAN (OREGON MEDICAL ASSISTANCE PROGRAM (OMAP), MEDICAID, CAREOREGON **[SKIP TO H17.#]**
- 6 CHILDREN'S HEALTH INSURANCE PROGRAM (CHIP OR S-CHIP) **[SKIP TO H17.#]**
- 7 INSURANCE THROUGH THE FAMILY HEALTH INSURANCE ASSISTANCE PROGRAM (FHIAP)-(NOTE TO INTERVIEWER: PRONOUNCED FEE-AWP) (THIS IS A STATE PROGRAM THAT SUBSIDIZES HEALTH INSURANCE PREMIUMS FOR QUALIFIED FAMILIES) **[SKIP TO H17.#]**
- 8 OREGON MEDICAL INSURANCE POOL OR OMIP (HIGH RISK POOL) **[SKIP TO H17.#]**
- 9 COBRA **[SKIP TO H17.#]**
- 10 HEALTH INSURANCE THROUGH <REL'S>. WORK OR UNION **[SKIP TO H17.#]**
- 11 HEALTH INSURANCE THROUGH SOMEONE ELSE'S WORK OR UNION **[SKIP TO H17.#]**
- 12 HEALTH INSURANCE BOUGHT DIRECTLY BY <REL>. **[SKIP TO H17.#]**
- 13 HEALTH INSURANCE BOUGHT DIRECTLY BY SOMEONE ELSE **[SKIP TO H17.#]**
- 14 WORKERS' COMPENSATION FOR SPECIFIC INJURY/ILLNESS **[SKIP TO H17.#]**
- 15 <REL'S>EMPLOYER PAYS FOR BILLS, BUT NOT AN INSURANCE POLICY **[SKIP TO H17.#]**
- 16 FAMILY MEMBER PAYS OUT OF POCKET FOR ANY BILLS **[SKIP TO H17.#]**
- 17 NO PRIVATE OR PUBLIC INSURANCE **[SKIP TO H17.#]**
- 18 OTHER NON-INSURANCE PAYMENT SOURCE **[SKIP TO H17.#]**
- 99 DK/REF **[SKIP TO H17.#]**

**MEDIGAP.#** [IF H1.# EQ 1 OR H16.# EQ 1] Does your <REL> have additional insurance to supplement Medicare, such as self-purchased Medigap policy, or a retiree benefit?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**H17.#** [IF REL.# = 1-16,98] At any time in the last 12 months, was your <REL> without health insurance?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO DENT1.#]**
- 9 DON'T KNOW / REFUSED **[SKIP TO DENT1.#]**

**H18.#** [IF H17.# EQ 1] How many months during the past year was your <REL> without coverage?

- \_\_\_ Months
- 99 DON'T KNOW / REFUSED **[SKIP TO DENT1.#]**

**H20.#** [IF H17.# EQ 1] Was cost a reason why your <REL> did not have health insurance at some point in the past 12 months?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**H21.#** [IF H17.# EQ 1] Other than cost, what was the primary reason your <REL> did not have health insurance coverage for part of the past 12 months?

**[DO NOT READ; SELECT ANSWER]**

- 1 DID NOT NEED OR WANT HEALTH INSURANCE
- 2 RARELY SICK
- 3 DO NOT KNOW WHERE TO BEGIN / WHERE TO GO
- 4 TOO MUCH HASSLE / PAPERWORK
- 5 EXPECT TO BE COVERED BY HEALTH INSURANCE POLICY SHORTLY
- 6 BENEFIT PACKAGE DIDN'T MEET NEEDS
- 7 DOUBT ELIGIBLE / REJECTED BECAUSE OF A HEALTH CONDITION
- 8 NOT ELIGIBLE FOR REASON OTHER THAN HEALTH
- 9 CURRENT EMPLOYER DOES NOT OFFER COVERAGE BENEFITS
- 10 DO NOT WORK ENOUGH HOURS IN A WEEK
- 11 HAVE NOT BEEN WITH EMPLOYER LONG ENOUGH
- 12 WAS COVERED, BUT LOST JOB
- 13 EMPLOYER DROPPED COVERAGE
- 14 OTHER [SPECIFY]
- 15 COST IS THE ONLY REASON
- 88 DON'T KNOW
- 99 REFUSED

**DENT1.#** [IF REL.# = 1-16, 98] Which of the following best describes how long it has been since your/the <REL> last visited the dentist?

**[READ IF NECESSARY: "Year" refers to the previous 12 months (not calendar year)]**

- 1 Less Than One Year Ago
- 2 At Least 1 Year, But Less Than 2 Years
- 3 At Least 2 Years But Less Than 5 Years
- 4 5 Years Or More
- 5 YOUR/THE <REL > HAS NEVER VISITED A DENTIST
- 9 DON'T KNOW / REFUSED

**DENT3.#** [IF REL.# = 1-16, 98] Is your/the <REL > covered for any dental care by dental insurance, an HMO plan, Medicaid, public assistance, or the military?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**WRK1.#**

**[IF REL.# = 1-16, 98 AND (AGE.# > 13 OR AGE2.# GE 4)]** For how many months in 2005 was your/the <REL> working for pay (including self-employment)? Please include time they were on paid sick leave, paid vacation, or military service.

**[READ IF NECESSARY:** Self-employment = “Whatever that means to you”]

**[PROMPT:** If less than one month, report one month]

\_\_\_ [ENTER NUMBER MONTHS 0-12] **[ROUND TO NEAREST MONTH]**

00 DIDN'T WORK AT ALL DURING 2005

99 DON'T KNOW / REFUSED

**EMP.#**

**[IF REL.# = 1-16, 98 AND (AGE.#>13 OR AGE2.# GE 4)]** Is your/the <REL> currently employed for pay or self-employed in a business or farm?

**[READ IF NECESSARY:** Self-employment = “Whatever that means to you”]

**[READ IF NECESSARY:** This includes any job from which they are temporarily absent.

1 YES

2 NO [RECODED TO “0” IN THE FINAL DATA FILE]

9 DON'T KNOW / REFUSED

**OCC.#**

**[IF EMP.# = 1]** What is the occupation of your/the <REL> in their primary job?

**[OPEN END]**

**[READ IF NECESSARY:** What are their most important duties? What do they do that earns them income? Here, their primary job is the one they work the most hours at.]

**EDUC.#**

**[IF REL.# = 1-16, 98 AND (AGE.# > 17 OR AGE2.# GE 6)]** What is the highest level of education your/the <REL > has completed?

**[BUSINESS/SECRETARIAL SCHOOL/OTHER "CERTIFICATE" PROGRAMS DO NOT COUNT]**

**[PROBE IF ASSOCIATE DEGREE:** Was that an occupational program or an academic program?]

**[IF SOME COLLEGE, NO DEGREE:** Did s/he finish at least one year of college?]

**READ IF NECESSARY**

- 11 (Doctorate (PhD, EdD))
- 12 (Professional (MD, JD, DVM, DDS))
- 20 (Masters (MA, MS, MBA, MEd))
- 30 (Bachelors (BA, BS, AB))
- 41 (Associate-Academic, Transferable to 4-year college)
- 42 (Associate-Professional/Technical, applied science (electronic, nursing))
- 51 (Some college, no degree, 1+ year college completed)
- 52 (Some college, no degree, less than 1 year college)
- 61 (High school diploma)
- 62 (GED)
- 71 (12th grade, no diploma)
- 72 (11th grade)
- 73 (10th grade)
- 74 (9th grade)
- 81 (5th, 6th, 7th, 8th grade)
- 82 (4th grade or less)
- 99 DON'T KNOW / REFUSED

**EDSCH.#**

**[IF REL.# = 1-16, 98 AND (AGE.# > 4 and < 18 OR AGE2.# = 2-4)]** What type school of did your/the <REL > attend during the 2005-2006 school year?

- 1 Public
- 2 Private
- 3 Charter
- 4 Home-School **[SKIP TO HOMESC.#]**
- 5 Child did not attend school
- 6 Other **[PLEASE SPECIFY]**
- 9 DON'T KNOW / REFUSED

**HOMESC.#**

**[IF EDUCSCHL.# = 4]** Did your/the <REL > attend any classes at a public or private school during the 2005-2006 school year?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**CERTIF.#**

**[IF AGE.# > 17 OR AGE2.# GE 6]** Has your/the <REL > completed an professional/technical, vocational, or career certificate program?

**[READ IF NECESSARY:** Does not include professional/technical or applied degrees through academic programs (e.g. community college degree in applied science, electronic, nursing, etc.)

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**DISABCR.#**

**[IF REL.# = 1-16, 98 AND (AGE.# GE 5 OR AGE2.# GE 2)]** Does your/the <REL > have any of the following long-lasting conditions:

**READ LIST AND CHECK ALL THAT APPLY**

- 1 Blindness, deafness, or a severe vision or hearing impairment?
- 2 A condition that substantially limits one or more basic physical activities, such as walking, climbing stairs, reaching, lifting, or carrying?
- 5 NONE OF THE ABOVE
- 9 DON'T KNOW / REFUSED

**DISABBR.#**

**[IF AGE.# GE 15 OR AGE2.# GE 5]** Because of a physical, mental, or emotional condition lasting 6 months or more, does your/the <REL > have any difficulty in doing any of the following activities:

**READ LIST AND CHECK ALL THAT APPLY**

- 1 Going outside the home alone to shop or visit a doctor's office?
- 2 Working at a job or business?
- 5 NONE OF THE ABOVE
- 9 DON'T KNOW / REFUSED

**DISABAR.#**

**[IF (DISABCR.# = 1,2 OR DISABBR.# = 1,2) AND (AGE.#>15 OR AGE2.# GE 5)]** Does this lasting disability limit the kind of work your/the <REL > can do?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**CCINTRO.#**

**[IF AGE.# < 13 OR AGE2.# = 1, 2]** Now we are going to ask you about different types of child care and educational programs your/the <REL> received on a regular basis from someone other than a parent (or guardian) during the last (2005-2006) school year. This includes regular child care, preschool and school age programs, whether or not there was a charge or fee, but not occasional babysitting or school (kindergarten – grade 12).

**[PROBE: Regular Means At Least Once A Week]**

**CCRNG\_1.# TO CCRNG\_7.#**

**[ENTER ALL MENTIONED, SELECTING MAIN TYPE FIRST. RESPONSE IS YES IF PARENT MENTIONS USING IT]**

**IF MORE THAN ONE:** Which of these was the main type of child care or education program used for your/the <REL>? The main arrangement is the one used most, that is, for the most hours during the week.

**[APPLIES TO THE 2005/2006 SCHOOL YEAR]**

**[READ LIST]**

- 1 YES-Child care center, a preschool, Head Start, before-or after school program, or other center that was not the caregiver's / teacher's home
- 2 YES Care in the child's home by a non-relative.
- 3 YES-Care in the child's home by a relative.
- 4 YES-Care in a relative's home.
- 5 YES-Care in a non-relative's home.
- 6 YES-Group activities including lessons, clubs, and sports
- 7 NO-No child care or educational program, paid or unpaid for this child **[SKIP TO LIBMO1]**
- 8 OTHER **[PLEASE SPECIFY]**
- 9 DON'T KNOW / REFUSED **[SKIP TO LIBMO1]**

**CCRN20.# - CCRN80.#**

**[IF CCRNG\_1.# TO CCRNG\_7.# = 1-6,8, ASK SEPARATELY FOR EACH]** For the **[INSERT CCRNG RESPONSE]**, was the caregiver/teacher being paid to provide this care?

- 1 YES
- 2 NO **[RECODED TO "0" IN THE FINAL DATA FILE]**
- 8 DON'T KNOW
- 9 REFUSED

**CLDCR8.#**

**[IF (AGE.# <13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8]** In 2005, did you have trouble finding child care or educational programs to meet your <REL> needs? Please rate your trouble finding care or educational programs on a five-point scale where "1" means "None – Had no trouble at all" to "5" meaning you "Had A Great Deal Of Trouble."

- 1 NONE – HAD NO TROUBLE AT ALL
- 2
- 3
- 4
- 5 HAD A GREAT DEAL OF TROUBLE
- 8 DON'T KNOW
- 9 REFUSED

**CCB1.#**

**[IF CCRN20.# - CCRN80.# = 1]** How many hours altogether in a typical week during the school year did your/ the <REL > spend in paid child care or educational programs?

**[PROBE:** Paid means the caregiver/teacher is being paid to provide this care.]

\_\_\_\_ HOURS (ROUND TO NEAREST HOUR-- 3 DIGITS)  
000 LESS THAN 1 HOUR  
168 168 OR MORE  
999 DON'T KNOW / REFUSED

**CCOSTR.#**

**[IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8]** Overall, how much did your household spend on child care or educational programs for your/the <REL> in an average month during the school year?

**[PROBE:** Including child care centers, preschools, and school-age programs and all other paid child care arrangements and include gross amount to household, excluding tax breaks or subsidies.]

\_\_\_\_ (NO COMMAS, ROUND TO NEAREST DOLLAR)  
9998 \$9,998 OR MORE  
9999 DON'T KNOW / REFUSED

**CCINTRO.#**

**[IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8]** I'm going to read four statements about the child care or educational programs your/the <REL > received. For each statement, please tell me whether you feel it was true "never," "rarely," "sometimes," "often," or "always".

**[PRESS ANY KEY TO CONTINUE]**

**CSAFE1.# [IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8]** My child felt safe and secure.

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Always
- 9 DON'T KNOW / REFUSED

**CATTN1.# [IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8]** My <REL > got a lot of individual attention.

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Always
- 9 DON'T KNOW / REFUSED

**CINFO1.#** [IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8] My <REL >'s caregiver / teacher was open to new information and learning.

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Always
- 9 DON'T KNOW / REFUSED

**CCASS1.#** [IF (AGE.# < 13 OR AGE2.# LT 4) AND CCRNG\_1.# TO CCRNG\_7.# = 1-6,8] The care or educational program was just what my <REL > needed.

- 1 Never
- 2 Rarely
- 3 Sometimes
- 4 Often
- 5 Always
- 9 DK/REF

**LIBMO1.#** [IF REL.# = 1-16, 98] Has your/the <REL > used a public library or library program in the last 30 days? This includes connecting to the library on the Internet.

**[READ IF NECESSARY:** Includes preschool and story programs for infants and children]

- 1 YES [SKIP TO ENDLOOP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**LIBYR1.#** [IF LIBMO1.# . 1] Has your/the <REL > used a public library or library program in the last 12 months?

**[READ IF NECESSARY:** Includes preschool and story programs for infants and children]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]
- 9 DON'T KNOW / REFUSED

**END OF HOUSEHOLD GRID**

## HOUSEHOLD EXPENSES

**CST1=** [ALL] Now I need to ask a few questions about your household's expenses.

**ELECTMOR=** [ALL] On average, what is the monthly cost for electricity in your household?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
0 INCLUDED IN RENT  
998 \$998 OR MORE  
999 DK/REF

**GASMOR=** [ALL] On average what is the monthly cost for natural gas in your household?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
0 DO NOT HAVE / INCLUDED IN RENT  
998 \$998 OR MORE  
999 DK/REF

**WATERMOR=** [ALL] On average, what is the monthly cost for water and sewer in your household?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
0 DO NOT HAVE / DOES NOT APPLY / INCLUDED IN RENT  
998 \$998 OR MORE  
999 DON'T KNOW / REFUSED

**FUELMOR=** [ALL] On average what is the monthly cost for heating oil, kerosene, propane, wood or other fuels in your household?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
0 DO NOT HAVE / INCLUDED IN RENT  
998 \$998 OR MORE  
999 DON'T KNOW / REFUSED

**EDEXPNS1=** [ALL] In the past school year (Fall 2005 through Summer 2006), how much did your household spend on tuition? Include preschool activities, private school education – kindergarten through Grade 12 – and college or university tuition. Do not include expenses for room and board, uniforms, books, extra-curricular activities, etc. Please include all household members.

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**  
**[RECOMMEND CHANGING TO 6 DIGIT FIELD SINCE WE ARE NOW MEASURING SCHOOL YEAR AND NOT TUITION MONTH]**

\_\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
 999998 \$999,998 OR MORE  
 999999 DON'T KNOW / REFUSED

**EDEXPNS2=** [IF EDEXPNS1 > 0] In the past school year (Fall 2005 through Summer 2006), how much did your household spend on tuition for...?

\_\_\_\_\_ (ROUND TO NEAREST DOLLAR)  
 999998 \$999,998 OR MORE  
 999999 DON'T KNOW / REFUSED [SKIP TO COLSAV1]

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT]**

**[IF EDEXPNS2, EE.1 > 0 THEN THE SUM OF CCOSTR.# FOR A HOUSEHOLD SHOULD ALSO BE 0.]**

**[FOR TYPE OF EDUCATION > 0]** How many students did that cover?

\_\_ ENTER NUMBER  
 99 DON'T KNOW / REFUSED

Type of Education	Tuition Amount	Number of Students
EE.1 Preschool activities and learning experience?		
EE.2 Private school education (Kindergarten through Grade 12)?		
EE.3 Private college or university?		
EE.4 Public college or university?		
EE.5 Other [PLEASE SPECIFY]		

## TELEPHONE / CELLULAR QUESTIONS

**TEL1=** [ALL] In 2005, was your home without telephone service for more than three (3) months?

[READ IF NECESSARY: All Landlines, does not include cellular telephone service.]

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO TEL3]
- 9 DON'T KNOW / REFUSED [SKIP TO TEL3]

**TEL3=** [ALL] How many telephone numbers are associated with this household?

[READ IF NECESSARY: All Landlines, does not include cellular telephone service.]

- \_\_\_ ENTER NUMBER (1 OR MORE)  
99 DON'T KNOW / REFUSED

**TEL4=** [IF TEL3 > 1] How many telephone lines in your household are currently used only for non-voice communications, such as a dedicated fax or modem line?

[READ IF NECESSARY: All Landlines, does not include cellular telephone service.]

- \_\_\_ ENTER NUMBER (1 OR MORE)  
99 DON'T KNOW / REFUSED

**TEL5=** [ALL] Do you have a cell phone that you use in addition to your home phone to make and receive personal calls?

- 1 YES
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO HOMER]
- 9 DON'T KNOW / REFUSED [SKIP TO HOMER]

**TEL6=** [IF TEL5=1] Are you likely or unlikely to drop your home phone line and switch exclusively to a cell phone in the next 6 months? (Would that be very or somewhat likely / unlikely?)

- 1 VERY UNLIKELY
- 2 SOMEWHAT UNLIKELY
- 3 NOT SURE
- 4 SOMEWHAT LIKELY
- 5 VERY LIKELY
- 8 DON'T KNOW
- 9 REFUSED

## LIVING UNIT

**HOMER=**

**[ALL]** Which of the following best describes your living unit?

**[READ LIST]**

- 1 One-family manufactured dwelling (mobile home or manufactured home) **[SKIP TO HOMR1]**
- 3 A one-family house detached from any other house **[SKIP TO OWNR]**
- 4 A one-family house or condominium attached to one or more houses **[SKIP TO OWNR]**
- 5 A building with 2 or 3 apartments **[SKIP TO OWNR]**
- 6 A building with 4 or more apartments **[SKIP TO OWNR]**
- 7 Other (Boat, RV, van, etc.) **[PLEASE SPECIFY] [SKIP TO OWNR]**
- 8 DK / NOT SURE **[SKIP TO OWNR]**
- 99 REF/NO ANSWER **[SKIP TO OWNR]**

**HOMR1=**

**[IF HOMER = 1]** Is it located...

**[READ LIST]**

- 1 In a rental park or on leased land
- 2 On land owned by you or someone in this household
- 9 DON'T KNOW / REFUSED

**OWNR=**

**[ALL]** Is your living unit...

**[READ LIST]**

- 1 Owned by you or someone in this household with a mortgage or loan?
- 2 Owned by you or someone in this household free and clear (without a mortgage or loan)?
- 3 Rented for cash rent? **[SKIP TO RENTR]**
- 4 Occupied without payment of cash rent? **[SKIP TO INCOME1]**
- 5 SOMETHING ELSE **[PLEASE SPECIFY] [SKIP TO INCOME1]**
- 8 DON'T KNOW/NOT SURE **[SKIP TO INCOME1]**
- 9 REFUSED **[SKIP TO INCOME1]**

**HVLAR=**

**[IF OWNR = 1-2]** What is the value of this property - that is, how much do you think your living unit would sell for if it were for sale?

**[PROMPT FOR BEST GUESS IF UNSURE OF EXACT NUMBER]**

- \_\_\_\_\_ (NO COMMAS, ROUND TO THE NEAREST DOLLAR)
- 9999999 \$10,000,000 OR MORE
- 1 DK / NOT SURE
  - 2 NO ANSWER / REFUSED

**HCOSTR=**

**[IF OWNR = 1-2]** What is the total monthly amount that your household spends on housing costs, including mortgage, insurance, and taxes? Do not include the cost of any utilities.

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_\_ (NO COMMAS, ROUND TO NEAREST DOLLAR)  
10000 \$10,000 OR MORE  
1 DK / NOT SURE  
2 NO ANSWER / REFUSED

**RENTR=**

**[IF OWNR = 3]** What is the total monthly rent?

**[PROMPT FOR BEST GUESS OR ESTIMATE IF UNSURE OF EXACT NUMBER]**

\_\_\_\_\_ (NO COMMAS, ROUND TO NEAREST DOLLAR)  
99999 \$10,000 OR MORE  
1 DK / NOT SURE  
2 NO ANSWER / REFUSED

## INCOME

**INCOME1=**

**[ALL]** Next, I am going to read some broad categories of yearly household income. This includes money from jobs, net income from a business, farm or rent, pensions, dividends, interest, social security payments, child support, alimony, public assistance, unemployment, food stamps, and any other money income by members of this household. Please do not tell me how much your household earns exactly. When I come to the category that best represents the total combined income before taxes of all members of this household during 2005, please let me know.

Was your household's 2005 income...

**[READ LIST]**

- 1 BELOW \$30,000 PER YEAR OR **[SKIP TO INCOME3]**
- 2 ABOVE \$30,000 PER YEAR?
- 8 DON'T KNOW **[PROBE FOR BEST ESTIMATE]** **[SKIP TO SUPP]**
- 9 REFUSED **[PROBE FOR BEST ESTIMATE]** **[SKIP TO SUPP]**

**INCOME2=**

**[IF INCOME1 = 2]** Would that be above or below \$55,000 per year?

- 1 BELOW \$55,000 PER YEAR **[SKIP TO INCOME4]**
- 2 ABOVE \$55,000 PER YEAR **[SKIP TO INCOME5]**
- 8 DON'T KNOW **[PROBE FOR BEST ESTIMATE]** **[SKIP TO SUPP]**
- 9 REFUSED **[PROBE FOR BEST ESTIMATE]** **[SKIP TO SUPP]**

**INCOME3=** [IF INCOME1 = 1] Would that be...?

- 10 Less than \$5,000 [SKIP TO SUPP – AUTOMATIC POVERTY]
- 21 Between \$5,000 to less than \$7,500 [SKIP TO SUPP - AUTOMATIC POVERTY]
- 22 Between \$7,500 to less than \$9,999 [SKIP TO POV1]
- 23 Between \$10,000 and \$12,499 [SKIP TO POV1]
- 24 Between \$12,500 and \$14,999 [SKIP TO POV1]
- 31 Between \$15,000 and \$19,999 [SKIP TO POV1]
- 32 Between \$20,000 and \$24,999 [SKIP TO POV1]
- 41 Between \$25,000 and \$29,999 [SKIP TO POV1]
- 88 DON'T KNOW [SKIP TO SUPP]
- 99 REFUSED [SKIP TO SUPP]

**INCOME4=** [IF INCOME2 = 1] Would that be...?

- 42 Between \$30,000 and \$34,999 [SKIP TO POV1]
- 50 Between \$35,000 and \$44,999 [SKIP TO POV1]
- 60 Between \$45,000 and \$54,999 [SKIP TO POV1]
- 88 DON'T KNOW [SKIP TO SUPP]
- 99 REFUSED [SKIP TO SUPP]

**INCOME5=** [IF INCOME2 = 2] Would that be...?

- 70 Between \$55,000 and \$64,999 [SKIP TO SUPP]
- 80 Between \$65,000 and \$74,999 [SKIP TO SUPP]
- 91 Between \$75,000 and \$84,999 [SKIP TO SUPP]
- 92 Between \$85,000 and \$99,999 [SKIP TO SUPP]
- 93 Between \$100,000 and \$124,999 [SKIP TO SUPP]
- 94 Over \$125,000 [SKIP TO SUPP]
- 88 DON'T KNOW [SKIP TO SUPP]
- 99 REFUSED [SKIP TO SUPP]

#### 2005 HHS Poverty Guidelines

Persons in Family Unit	48 Contiguous States and D.C.	Alaska	Hawaii
1	\$ 9,570	\$11,950	\$11,010
2	12,830	16,030	14,760
3	16,090	20,110	18,510
4	19,350	24,190	22,260
5	22,610	28,270	26,010
6	25,870	32,350	29,760
7	29,130	36,430	33,510
8	32,390	40,510	37,260
For each additional person, add	3,260	4,080	3,750

**SOURCE:** *Federal Register*, Vol. 70, No. 33, February 18, 2005, pp. 8373-8375.

**NOTE TO PROGRAMMER: THIS TABLE NEEDS TO BE PROGRAMMED FOR COMPUTATION OF SURVEY RESPONSES**

**POV1=** [IF INCOME=22 AND HHNUMAR=1] Is your gross household annual income less than \$9,570 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV2=** [IF INCOME=24 AND HHNUMAR=2] Is your gross household annual income less than \$12,830 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV3=** [IF INCOME=31 AND HHNUMAR=3] Is your gross household annual income less than \$16,090 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV4=** [IF INCOME=31 AND HHNUMAR=4] Is your gross household annual income less than \$19,350 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV5=** [IF INCOME=32 AND HHNUMAR=5] Is your gross household annual income less than \$22,610 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV6=** [IF INCOME=41 AND HHNUMAR=6] Is your gross household annual income less than \$25,870 dollars?

- 1 YES [SKIP TO SUPP]
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] [SKIP TO SUPP]
- 9 DON'T KNOW / REFUSED [SKIP TO SUPP]

**POV7=** **[IF INCOME=41 AND HHNUMAR=7]** Is your gross household annual income less than \$29,130 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV8=** **[IF INCOME=42 AND HHNUMAR=8]** Is your gross household annual income less than \$32,390 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV9=** **[IF INCOME=50 AND HHNUMAR=9]** Is your gross household annual income less than \$35,650 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV10=** **[IF INCOME=50 AND HHNUMAR=10]** Is your gross household annual income less than \$38,910 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV11=** **[IF INCOME=50 AND HHNUMAR=11]** Is your gross household annual income less than \$42,170 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV12=** **[IF INCOME=60 AND HHNUMAR=12]** Is your gross household annual income less than \$45,430 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV13=**

**[IF INCOME=60 AND HHNUMAR=13]** Is your gross household annual income less than \$48,690 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV14=**

**[IF INCOME=60 AND HHNUMAR=14]** Is your gross household annual income less than \$51,950 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

**POV15=**

**[IF INCOME=70 AND HHNUMAR=15]** Is your gross household annual income less than \$55,210 dollars?

- 1 YES **[SKIP TO SUPP]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE] **[SKIP TO SUPP]**
- 9 DON'T KNOW / REFUSED **[SKIP TO SUPP]**

## SUPPLEMENTAL INVITE

**SUPP=**

**[ALL]** Would you be interested in participating in another Oregon State Government sponsored survey this year?

- 1 Yes **[SKIP TO D23]**
- 2 NO [RECODED TO "0" IN THE FINAL DATA FILE]

**ADD4=**

**[IF SUPP = 2]** If you qualify and participate in some types of research, you will receive a monetary incentive. Given this, would you be willing to be contacted about future research projects that include an incentive?

- 1 YES
- 2 NO **[SKIP TO INCENT]**
- 9 DON'T KNOW / REFUSE **[SKIP TO INCENT]**

**D23=**

**[IF SUPP = 1 OR ADD4 = 1]** Could you please tell me your first name?

---

**INCENT\*** In order to mail you your \$5 in appreciation of your time today and to enter you into the drawing for a chance to win one of 25 \$100.00 cash prizes, may I please get your name and address?

**NOTE TO INTERVIEW: VERIFY NAME AND ADDRESS INFORMATION**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Zip code: \_\_\_\_\_

BYE Those are all the questions on the survey. On behalf of the State of Oregon, thank you very much for your participation.

THANK Thank you very much for your time, but we are only interviewing the head of the household at this time. **[DISPOS = 22]**

THANK1 Thank you very much for your time. Those are all of the questions that I for you. Have a good day / night. **[DISPOS = 23]**

THANK00 Well, it looks like we've completed the required number of surveys in your area. We'd like to thank you very much for your willingness to participate. Have a good day / night.

**IF (WHIT=1 & BLAK=0 & AMIN=0 & ASIA=0 & OTHR=0 & HISPAR>1) DISPOS=30**  
**IF (BLAK=1) DISPOS=27**  
**IF (AMIN=1) DISPOS=28**  
**IF (ASIA=1) DISPOS=29**  
**IF (OTHR=1) DISPOS=26**

## Base Survey Disposition List:

\*Note – marginals will be monitored for the quotas set at the county level – no disposition assignment, however.

Disp#	Disposition	Display Type	Property	Incidence
		P/S/I/H	A/B/C/N/R/F	D/B/I
1	No Answer	P	A	D
2	Busy	P	B	D
3	Answering Machine	P	A	D
4	Verified Non-Working	P	F	D
5	Initial Refusal	S	R	D
6	Final Refusal	S	F	D
7	Never Call - SUPERVISOR	S	N	D
8	Screener Refusal	H	F	D
9	Communication Barrier	S	F	D
10	Language Barrier (Unknown)	S	F	D
11	Callback Introduction	S	C	D
12	Privacy Manager	P	R	D
13	Possible Disconnect	P	C	D
14	Business / Residential	P	F	D
15	Targeted Respondent Not Available	S	F	D
16	Language Barrier - Spanish	S	F	D
17	Language Barrier - Vietnamese	S	F	D
18	Language Barrier - Chinese	S	F	D
19	Language Barrier - Korean	S	F	D
20	Interview In Progress	I	C	I
21	Mid-Terminate – SUPERVISOR	I	F	I
22	No Head of Household / No One Over 18	H	F	B
23	Out Of Area	H	F	B
24	No Call List Mention	S	F	D
25	Message Left	H	A	B
26	OQ – Region 1 – 400	H	F	B
27	OQ – Region 2 – 400	H	F	B
28	OQ – Region 3 – 400	H	F	B
29	OQ – Region 4 – 400	H	F	B
30	OQ – Region 5 – 400	H	F	B
31	OQ – Region 6 – 400	H	F	B
32	OQ – Region 7 – 400	H	F	B
33	OQ – Region 8 – 400	H	F	B
39	Partial Complete – No HH Grid	H	F	I
40	Complete	H	F	I

### Display Type:

P = Pre-Screener – First Screen With Contact Info (Prior To Contact With Respondent)  
 S = Screener – After First Screen, Before QAL (After Contact With Respondent)  
 I = Interview – Between QAL and CPL  
 H = Hidden – Not Available To Interviewer

### Property:

A = Answering Machine / No Answer  
 B = Busy  
 C = Callback  
 N = Never Call  
 R = Refusal  
 F = Final

### Incidence:

D = Don't include  
 B = Base only  
 I = Include

## Augment Survey Disposition List:

Disp#	Disposition	Display Type	Property	Incidence
		P/S/I/H	A/B/C/N/R/F	D/B/I
1	No Answer	P	A	D
2	Busy	P	B	D
3	Answering Machine	P	A	D
4	Verified Non-Working	P	F	D
5	Initial Refusal	S	R	D
6	Final Refusal	S	F	D
7	Never Call - SUPERVISOR	S	N	D
8	Screener Refusal	H	F	D
9	Communication Barrier	S	F	D
10	Language Barrier (Unknown)	S	F	D
11	Callback Introduction	S	C	D
12	Privacy Manager	P	R	D
13	Possible Disconnect	P	C	D
14	Business / Residential	P	F	D
15	Targeted Respondent Not Available	S	F	D
16	Language Barrier - Spanish	S	F	D
17	Language Barrier - Vietnamese	S	F	D
18	Language Barrier - Chinese	S	F	D
19	Language Barrier - Korean	S	F	D
20	Interview In Progress	I	C	I
21	Mid-Terminate – SUPERVISOR	I	F	I
22	No Head of Household / No One Over 18	H	F	B
23	Out Of Area	H	F	B
24	No Call List Mention	S	F	D
25	Message Left	H	A	B
26	OQ – Hispanic	H	F	B
27	OQ – Black / African American	H	F	B
28	OQ – American Indian / AK Native	H	F	B
29	OQ – Asian / Pacific Islander	H	F	B
39	Partial Complete – No HH Grid	H	F	I
40	Complete	H	F	I

### Display Type:

P = Pre-Screener – First Screen With Contact Info (Prior To Contact With Respondent)  
 S = Screener – After First Screen, Before QAL (After Contact With Respondent)  
 I = Interview – Between QAL and CPL  
 H = Hidden – Not Available To Interviewer

### Property:

A = Answering Machine / No Answer  
 B = Busy  
 C = Callback  
 N = Never Call  
 R = Refusal  
 F = Final

### Incidence:

D = Don't include  
 B = Base only  
 I = Include

# VI. Appendix B

## Changes To Questionnaire

The following changes were made to the 2006 Oregon Population Study questionnaires. Changes refer to Base unless otherwise noted.

- LANG – added Vietnamese, Chinese, and Korean to the list to capture the additional languages.
- Screening questions: We moved several questions regarding household composition up to the screening section of the survey. In previous years, the variable HHNUMAR was asked right before the household grid. Some questions were added to the survey before we hit the household grid that need information on household composition for skip patterns.
- HHNUMAR – changed text to “Including yourself, how many people live in your household at this point in time?”
- We also added seven additional questions – ADULT, ADULT2, CHILD, CHILD1, AND CHILD4 – to determine the presence of children and whether the person is married or has a partner.
- RACE – added probe to try to get respondents that answer Hispanic here into one of the race categories.
- Deleted RACE2 and RACE2A for both respondent and household grid.
- Deleted LANGOR.
- Revamped LANGSPK1 and added LANGSPK2.
- The Work / Employment Status section was re-organized.
- OCC, SICAR, and SIC were added to capture the occupation, employer type, and industry of the respondents *primary job in 2005*.
- WORK1 – a combination of WRK1 and WRK3 from 2004 survey into single yes/no categories for whether respondent worked for pay or was self-employed in a business or farm at any time in 2005.
- WRK1 and EMP – questions slightly reworded.
- RET2 – Changed to: “Are you currently retired or not working for pay?” Those then that say yes – that is they are retired or not working for pay – or “don’t know / refused,” currently skip to OCC1. The remainder (RET2=2) go through the next set of questions – from CURRR05 TO WKHM3.
- SICAR and SICARA – the government response option was expanded to capture Federal, State, or local government.
- CURRT05 – new question.
- Deleted ALLUHRR, and JOBZR.
- WRK2A – new question.
- Added MULTIJOB and EMPHRS to capture the hours for each job worked.

- The questions for occupation, employer type, and industry of the respondents *current* job changed slightly (added the word “current”), but their variable names did. In 2006, these variables were called OCCA, SICARA, and SICA and from their previous OCC, SICAR, and SIC.
- WRKSHIFT, WRKSHIFTA, FLEXWRK, and EMERG – new questions.
- Deleted SALUNIT, SALHO, SALWE, SALMO, SALYR, RETIR, and RETR1.
- VEHICLR – changed to accept multiple modes.
- ALTACCSS – excluded motorcycle as a mode in the skip pattern – as motorcycle is simply a substitute for a car versus an alternative mode.
- TRANSCR – changed to ask of anyone who in VEHICLR says I primarily drive. It does not make sense to ask of people who use alternative modes but have access to a car that they may / may not ever use.
- The Disabilities section was moved up to follow the Commuting section. In 2004, it was after the Concerns for the Environment and Health questions.
- DISTYP – deleted from the 2006 survey.
- DISABCR for both respondent and household grid was reworded and response options expanded to capture multiple conditions. For household grid, this question was filtered on household member age 5 or older.
- DISABBR was reworded to combine the information from the former DISTYPE and DISABBR..
- Department of Community Colleges & Workforces and Libraries – added the word “personally” after each you.
- The Education section was re-organized.
- EDORHS, EDORA, EDUC3A, EDUC4A, EDUC3A1, EDUC3A1B, CERTSUB, CERT3, CERTC3A, CERT4 are new questions.
- LOTGAMR1 AND LOTGAMR2 – Combined to a single question, updated the list of games, and added a response option for “none of the above”. Changed the question LOTGAMR1 to read: “In the past 12 months have you played any of the following Oregon Lottery Games?”
- LOTFEELR – deleted from the 2006 survey.
- Added a series of questions on banking and Payday Loans (CHECK, DENIED, CHKFEE, PDYLN, LNNUM, and INTLN.)
- ARTS1AA-AJ – new questions.
- Health Insurance Questions for both respondent and household grid were reworded and re-organized.
- DENT1 – Added personally again. I could have visited taking my kid but didn’t visit myself and might still say yes because I was in the dentist’s office.
- Deleted EPHT1, EPHT3, EPHT2, EPHT3, and EPHT4.
- HOUSEHOLD GRID INTRO – gave respondents option to complete the household grid online.
- REL – Have expanded list so it is gender specific – then we don’t have to ask sex.

- HOUSEHOLD GRID AGE – Added an option for providing categories if they can't provide the exact age.
- CCINTRO.# – this introduction was reworded to include “educational programs.”
- CCRNG\_ 1 to CCRNG\_7 – the word “teacher” was added in addition to “caregiver”.
- CLDCR8.# to CCASS1.# - added “or educational programs” in addition to “childcare”.
- Oregon Benchmarks, TAX, and ART Questions: Moved up with the supplemental questions. Since we were doing the household grid online we wanted the remainder of the survey to be very short.
- Deleted HI, HIUNR, and HIUMOR from 2006 survey.
- Deleted COLSAV1, COLSAV2, and OCBSAV from 2006 survey.

# VII. Appendix C

## Analysis Weights for the 2006 OPS

### Respondent Only Data File

There are two analysis weights available in the Respondent Only Data file; ROWt3 and ROWt4. ROWt3 represents, for each respondent, the number of Oregon adults 18 years of age or older that are being represented by the interview. ROWt4 also represents the number of Oregon adults, but is scaled to the sample size of 4,332 households. Both analysis weights will yield the same results. Use ROWt4 to suppress the large population numbers while doing analysis.

### All Oregonian Data File

As with the Respondent Only Data file, there are two analysis weights available for the All Oregonian Data file; AOWt3 and AOWt4. Both analysis weights will yield the same results. AOWt4 is scaled to the total number of interviews including proxy respondents (10,120).

### Household Data

The household data is included in the Respondent Only data file in 2006. There are two weights in the household file that will yield the same estimates; HHWT and HHWT2. HHWT2 is scaled to the number of households sampled (4,332). When analyzing data that describes households, then use one of these two weights.

### General Analysis Recommendations

The 2006 OPS survey was collected via a disproportionately stratified survey where respondent households had different probabilities of selection. Because the design of the study is not a simple random sample caution should be used when using software that assumes simple random sampling. Software that assumes simple random sampling does not take in consideration the study design and, therefore, will underestimate variance.

## Weighting Methodology for the 2006 OPS

### Weighting Purpose

Weights are applied to the 2006 OPS to accurately represent the number of households or individuals that a respondent represents within Oregon. Weighting is a process that attempts to make the estimates from the survey representative of the total population that was sampled by accounting for the chances of selecting units into the sample and making adjustments for imperfections in the sample. The process begins with a base weight that is adjusted to account for additional stages of sampling and non-response. The base weight is the inverse of the probability of selection of the sampled unit. During the weighting, additional information from external sources is used to benchmark the weights and achieve consistency between totals from the survey data and the external sources. This is usually referred to as the poststratification weighting process. In order to produce estimates, weights are applied to sample data to estimate aggregate household, adult or

person level statistics at the state, region, and race and ethnicity levels. In particular, sample weighting was carried out to accomplish the following objectives:

- Compensate for differential probabilities of selection for households and persons,
- Reduce biases occurring because non-respondents may have different characteristics than respondents,
- Adjust, to the extent possible, for under coverage in the sampling frames and,
- Reduce the variance of the estimates by using auxiliary information.

## **Weighting Components**

The weighting methodology can be divided into 7 components: estimation of household probability of selection, estimation of respondent probability of selection, non-response adjustments, imputation of variables used for post-stratification, final post-stratification process, and checking for large or influential weight values.

## **Changes in Weighting Methodology from the 2004 OPS**

There were only minor changes from the 2004 survey. The following paragraphs reiterate the changes in weighting methodology that occurred between 2002 and 2004 which were more dramatic and apply directly to the 2006 OPS.

The first change involved the use of probability of selection weighting at the base weight level as opposed to using a base weight of unity. The primary goals of this change was to bring the base weight calculation in line with standard methodology used in other large population studies and to properly allow the variability of the complex design to be reflected in the survey. Using unity as a basis for weighting hides the variability introduced by the survey design. This change will have the greatest effect on Region 2 (which includes the Portland Metro area) where the probability of selection base weight calculations will reflect the numerous sampling frames used for Region, Racial, and Ethnic sampling.

The second change focused on introducing a non-response adjustment for respondents in the Base survey. Incomplete surveys with demographic data were used to reduce the poststratification adjustments in the final weighting steps.

The third change involved the use of raking or iterative proportional fitting methods. Use of raking or iterative proportional fitting methods provides a solution to the weighting challenges introduced by combining the region based data and the ethnic and racial oversample data.

## **Calculation of Base Weight (BASEWT)**

### **Probability of Selection of a Household**

To compensate for differential probabilities of selection of households, the probability of selection of each household is estimated by taking the number of sampled phone numbers for a specific sample frame divided by the number of telephone numbers in the sampling universe. In the data;

**NUMSEL** = the number of phone numbers selected for a specific frame

**NUMREC** = the phone universe size for a specific sampling frame

The probability of selection of a household is represented by the variable PROBWT where;

**PROBWT** = NUMSEL / NUMREC.

The base sampling weight or BASEWT is calculated by taking the inverse of the probability of selection weight (BASEWT) or;

**BASEWT** = 1 / PROBWT.

In a perfect world with no non-response by households that are contacted, the sum of the base weights would equal the number of households in the state of Oregon. In reality, this is never true due to the presence of disconnected numbers, telephone numbers that are always busy, or household refusals.

### **Telephone Adjustments to the Base Weight (BASEWT)**

If a household indicates that they have more than one telephone number that could have been used for voice communications, the probability of selection of the household is adjusted downward by a factor of .5 or one half. The adjustment allows a maximum of two phone numbers to be considered to avoid over-adjusting those households that may report a large number of telephones in the household. The variable TRUNKPH in the dataset will have a value of one or two and is used to adjust BASEWT:

**BASEWT** = BASEWT \* (1 / TRUNKPH).

## **Non-Response Adjustments**

### **Non-Response Adjustment Methodology**

All non-response adjustments in the 2006 OPS were done simultaneously within the post-stratification process.

## **Imputation Procedures**

### **Imputed Variables and Methods**

Variables used for weighting cannot have any missing responses, but at times, a respondent may refuse to answer a question or may not be able to provide the information needed. Imputation is commonly used to assign values to the missing items needed for the weighting process. A replacement value, often from another person in the survey who is similar to the non-respondent on other variables, is imputed for the missing value. Hot Deck Imputation methods were used to impute values of gender, age, and housing type. In the OPB data files, imputed variables are clearly marked as IMPAGE, IMPSEX, etc...

## Post-Stratification and Raking

### Post-Stratification

Post-stratification is a common practice in sample surveys as it is known that discrepancies exist between the sampled population and the known population in telephone sampling. It is not uncommon for a survey to have a higher female to male ratio or for there to be an under-representation of younger age groups such as 18-24 year olds. Post-stratification is a form of weighting adjustment that reduces discrepancies between a sample survey and the population. Several standard unifying frameworks are discussed in Gelman and Carlin (2002).

The 2006 OPS is composed of data collected in two separate phases with each phase focused on a separate priority. The Base study is focused on collecting data to meet regional quotas to ensure analyzable subgroups in different parts of Oregon. The second phase focused on over-sampling of racial and ethnic groups. The design of the study requires that sampling irregularities that occur within age, gender, region, and racial or ethnic groups be simultaneously corrected for. A problem with performing post-stratification using auxiliary information on age, gender, region, and race or ethnicity simultaneously is that there is a high likelihood of empty or small weighting cells or strata. There are two solutions to this problem; both are discussed in Bethlehem (2002). One is to use less auxiliary variables and the other is to collapse strata or weighting cells. The use of less auxiliary variables would be difficult for the 2004 or 2006 OPS as there are known gender and age discrepancies within regions of the state. In addition, racial and ethnic groups were over-sampled as part of the design. In 2002, categories were collapsed to facilitate post-stratification, but two independent post-stratification procedures were still required between age and gender and race and ethnicity. This method precluded the ability to correct for age and gender discrepancies within the racial subgroups. To overcome this problem, raking procedures or iterative proportional fitting was used to post-stratify the 2004 and the current 2006 OPS.

### Raking Methodology

The basic raking algorithm used in the three OPS data files is described below and in Bethlehem (2002):

- Introduce a weight factor for each cross-classification term. Set the initial values of all factors to BASEWT.
- Adjust the weight factors for the next cross-classification term so that the weighted sample becomes representative with respect to the auxiliary variables included in this cross-classification.
- Adjust the weight factors for the next cross-classification term so that the weighted sample is representative for the variables involved. Generally, this will disturb representation with respect to the other cross-classification terms in the model.
- Repeat this adjustment process until all cross-classification terms have been dealt with.
- Repeat steps 2, 3, and 4 until the factors do not change any more.

One problem associated with raking, as mentioned by Brick (2003), is the temptation to over-adjust estimates by including unnecessary parameters in the raking. Other than the housing adjustment, raking parameters were limited to either standard variables such as age and gender or variables affected by the design of the survey (including race and ethnicity).

Control totals based on intercensal estimates projected forward from the 2000 census were provided by the Oregon Office of Economic Analysis.

The tables below outline the dimensions that were used for the raking algorithm.

## Raking Dimensions for Respondent Only File For Adults 18+

Dimension	Level	Description	Categories
1	Statewide	Large age by sex	18-54 years, male 55+ years, male 18-54 years, female 55+ years, female
2	Statewide	10 Year Age Groups	18-24 25-34 35-44 45-54 55-64 65-74 75+
3	Statewide	African American Indicator by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+
4	Statewide	Native American Alaskan Native indicator by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+
5	Statewide	Asian / Pacific Islander indicator by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+
6	Statewide	Other Race indicator by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+
7	Statewide	White indicator by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+

Dimension	Level	Description	Categories
8	Statewide	Hispanic Ethnicity by large age groups	Yes, 18-34 years old Yes, 35-54 years old Yes, 55+ No, 18-34 years old No, 35-54 years old No, 55+
9	Region	10 year age by sex by region	18-24 years, male 25-35 years, male 35-44 years, male 45--54 years, male 55-64 years, male 65-74 years, male 75+ years, male 18-24 years, female 25-35 years, female 35-44 years, female 45--54 years, female 55-64 years, female 65-74 years, female 75+ years, female
10	Region	Housing Tenure	Own Rent

### Raking Dimensions for All Oregonian File

Dimension	Level	Description	Categories
1	Statewide	Large age by sex groups	0-34 years, male 35+ years, male 0-34 years, female 35+ years, female
2	Statewide	Under 18 and 10 year Age groups	0-4 years 5-14 years 15-17 years 18-24 years 25-34 years 35-44 years 45-54 years 55-64 65-74 75+
3	Statewide	African American Indicator by large age groups	Yes, 0-17 years old Yes, 18-44 years old

Dimension	Level	Description	Categories
4	Statewide	Native American Alaskan Native indicator by large age groups	Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+ Yes, 0-17 years old Yes, 18-44 years old Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+
5	Statewide	Asian / Pacific Islander indicator by large age groups	Yes, 0-17 years old Yes, 18-44 years old Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+
6	Statewide	Other Race indicator by large age groups	Yes, 0-17 years old Yes, 18-44 years old Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+
7	Statewide	White indicator by large age groups	Yes, 0-17 years old Yes, 18-44 years old Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+
8	Statewide	Hispanic ethnicity by large age groups	Yes, 0-17 years old Yes, 18-44 years old Yes, 45+ No, 0-17 years old No, 18-44 years old No, 45+
9	Region	Under 18 and 10 year age groups by region	0-4 years, male 5-14 years, male 15-17 years, male 18-24 years, male 25-35 years, male 35-44 years, male 45-54 years, male 55-64 years, male 65-74 years, male 75+ years, male

Dimension	Level	Description	Categories
10	Region	Housing Tenure	0-4 years, female 5-14 years, female 15-17 years, female 18-24 years, female 25-35 years, female 35-44 years, female 45--54 years, female 55-64 years, female 65-74 years, female 75+ years, female  Own Rent

## Raking Dimensions for HHWT in Respondent Only File

Dimension	Level	Description	Categories
1	Region	Region HH population	Region 1 Region 2 Region 3 Region 4 Region 5 Region 6 Region 7 Region 8
3	Statewide	African American Indicator by household type	Yes, one person household Yes, multiple person household No, one person household No, multiple person household
4	Statewide	Native American Alaskan Native indicator by household type	Yes, one person household Yes, multiple person household No, one person household No, multiple person household
5	Statewide	Asian / Pacific Islander indicator by household type	Yes, one person household Yes, multiple person household No, one person household No, multiple person household
6	Statewide	Other Race indicator by Household type	Yes, one person household Yes, multiple person household No, one person household No, multiple person household
7	Statewide	White indicator by household type	Yes, one person household Yes, multiple person household No, one person household No, multiple person household
8	Statewide	Hispanic household type	Yes, Hispanic No, not Hispanic
10	Region	Housing Tenure	Own Rent

## Weight Trimming

### Weight Trimming Methodology

Raking methods allow post-stratification to be done in surveys where often times small cell sizes make direct post-stratification difficult if not impossible. One result of raking that also occurs in many weighting methods is that large or influential weights are produced. In the 2006 OPS, approximately 2 percent of weights in both the respondent based data and the all Oregonian data including proxy interviews were deemed to be large weights based on both graphical analysis and past variability in OPS studies. Large weight values in the respondent only file were primarily found in among White respondents in Region 2 where whites were disproportionately sampled and were required to represent a large portion of the state population. For the All Oregonian file, large weight values were found primarily among young (18-24) males, also in Region 2. In this case, this segment was under-represented relative to their real incidence in the population and were required to represent a large portion of this segment in this region. Large weights were trimmed and the weight values were redistributed among either the same weighting cell or adjacent weighting cells that were collapsed.

## Distribution of FINALWT / HHWT by Raking Control Totals

### Respondent Only File

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Region 1	121,225	121,230	4.29%	4.29%	-5	0.00%
Region 2	1,258,065	1,258,038	44.54%	44.54%	27	0.00%
Region 3	694,819	694,830	24.60%	24.60%	-11	0.00%
Region 4	368,786	368,789	13.06%	13.06%	-3	0.00%
Region 5	99,788	99,790	3.53%	3.53%	-2	0.00%
Region 6	152,698	152,701	5.41%	5.41%	-3	0.00%
Region 7	67,647	67,650	2.39%	2.40%	-3	0.00%
Region 8	61,511	61,512	2.18%	2.18%	-1	0.00%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
18 - 24	356,551	356,550	12.62%	12.62%	1	0.00%
25 - 34	499,284	499,284	17.68%	17.68%	0	0.00%
35 - 44	513,847	513,849	18.19%	18.19%	-2	0.00%
45 - 54	551,654	551,647	19.53%	19.53%	7	0.00%
55 - 64	433,473	433,468	15.35%	15.35%	5	0.00%
65 - 74	235,430	235,431	8.34%	8.34%	-1	0.00%
75+	234,300	234,311	8.30%	8.30%	-11	0.00%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Male	1,395,305	1,395,293	49.40%	49.40%	12	0.00%
Female	1,429,235	1,429,246	50.60%	50.60%	-12	0.00%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Afr. Am., 18-44	29,570	28,702	1.05%	1.02%	868	0.03%
Afr. Am., 45+	18,582	18,026	0.66%	0.64%	556	0.02%
Other, 18-44	1,340,112	1,340,980	47.45%	47.48%	-868	-0.03%
Other, 45+	1,436,276	1,436,832	50.85%	50.87%	-556	-0.02%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Hispanic	235,843	237,483	8.35%	8.41%	-1,640	-0.06%
Not Hispanic	2,588,697	2,587,057	91.65%	91.59%	1,640	0.06%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
White	2,394,196	2,394,196	84.76%	84.76%	0	0.00%
Black	46,741	46,728	1.65%	1.65%	13	0.00%
Indian	33,715	33,705	1.19%	1.19%	10	0.00%
Asian	103,580	103,551	3.67%	3.67%	28	0.00%
Other	158,903	158,847	5.63%	5.62%	56	0.00%
2+ Races	87,404	87,513	3.09%	3.10%	-108	0.00%
<b>Total</b>	<b>2,824,539</b>	<b>2,824,539</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0</b>	<b>0.00%</b>

## All Oregonian Data File

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Male, 0 - 34	884,662	875,606	23.97%	23.73%	9,056	0.25%
Male, 35+	955,107	960,161	25.88%	26.02%	-5,054	-0.14%
Female, 0 - 34	836,794	837,850	22.68%	22.70%	-1,056	-0.03%
Female, 35+	1,013,597	1,016,542	27.47%	27.55%	-2,945	-0.08%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	230,056	227,287	6.23%	6.16%	2,769	0.08%
5 - 14	480,232	474,046	13.01%	12.85%	6,186	0.17%
15 - 17	155,332	157,067	4.21%	4.26%	-1,734	-0.05%
18 - 24	356,551	356,354	9.66%	9.66%	198	0.01%
25 - 34	499,284	498,704	13.53%	13.51%	580	0.02%
35 - 44	513,847	517,939	13.92%	14.04%	-4,092	-0.11%
45 - 54	551,654	557,729	14.95%	15.11%	-6,075	-0.16%
55 - 64	433,473	428,540	11.75%	11.61%	4,932	0.13%
65 - 74	235,430	235,780	6.38%	6.39%	-350	-0.01%
75+	234,300	236,714	6.35%	6.41%	-2,414	-0.07%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Afr. Am., 0-17	18,234	18,440	0.49%	0.50%	-206	-0.01%
Afr. Am., 18-44	28,704	29,036	0.78%	0.79%	-332	-0.01%
Afr. Am., 45+	18,037	18,228	0.49%	0.49%	-191	-0.01%
Not, 0-17	847,387	839,960	22.96%	22.76%	7,427	0.20%
Not, 18-44	1,340,978	1,343,961	36.34%	36.42%	-2,983	-0.08%
Not, 45+	1,436,820	1,440,536	38.94%	39.04%	-3,716	-0.10%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
NA / AN, 0-17	13,220	13,370	0.36%	0.36%	-150	0.00%
NA / AN, 18-44	19,868	20,097	0.54%	0.54%	-230	-0.01%
NA / AN, 45+	13,847	13,994	0.38%	0.38%	-147	0.00%
Not, 0-17	852,400	845,030	23.10%	22.90%	7,370	0.20%
Not, 18-44	1,349,814	1,352,899	36.58%	36.66%	-3,085	-0.08%
Not, 45+	1,441,010	1,444,770	39.05%	39.15%	-3,760	-0.10%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
AZ / PI, 0-17	31,129	31,197	0.84%	0.85%	-69	0.00%
AZ / PI, 18-44	64,616	65,361	1.75%	1.77%	-745	-0.02%
AZ / PI, 45+	38,964	39,377	1.06%	1.07%	-414	-0.01%
Not, 0-17	834,492	827,202	22.61%	22.42%	7,290	0.20%
Not, 18-44	1,305,066	1,307,636	35.37%	35.44%	-2,569	-0.07%
Not, 45+	1,415,893	1,419,387	38.37%	38.46%	-3,493	-0.09%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
OTR, 0-17	30,065	30,405	0.81%	0.82%	-340	-0.01%
OTR, 18-44	69,878	70,321	1.89%	1.91%	-444	-0.01%
OTR, 45+	89,025	77,723	2.41%	2.11%	11,302	0.31%
Not, 0-17	835,555	827,995	22.64%	22.44%	7,561	0.20%
Not, 18-44	1,299,805	1,302,675	35.22%	35.30%	-2,870	-0.08%
Not, 45+	1,365,832	1,381,041	37.01%	37.42%	-15,209	-0.41%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
White, 0-17	706,932	698,226	19.16%	18.92%	8,706	0.24%
White, 18-44	1,130,710	1,132,834	30.64%	30.70%	-2,124	-0.06%
White, 45+	1,263,487	1,277,507	34.24%	34.62%	-14,021	-0.38%
Not, 0-17	158,689	160,174	4.30%	4.34%	-1,485	-0.04%
Not, 18-44	238,972	240,162	6.48%	6.51%	-1,190	-0.03%
Not, 45+	191,371	181,257	5.19%	4.91%	10,114	0.27%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Hisp, 0-17	141,104	138,414	3.82%	3.75%	2,690	0.07%
Hisp, 18-44	180,373	170,423	4.89%	4.62%	9,950	0.27%
Hisp, 45+	55,469	56,051	1.50%	1.52%	-581	-0.02%
Not, 0-17	724,517	719,986	19.63%	19.51%	4,531	0.12%
Not, 18-44	1,189,309	1,202,573	32.23%	32.59%	-13,264	-0.36%
Not, 45+	1,399,388	1,402,713	37.92%	38.01%	-3,325	-0.09%
Total	3,690,160	3,690,160	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	4,045	4,090	0.11%	0.11%	-45	0.00%
5 - 14	9,438	9,543	0.26%	0.26%	-105	0.00%
15 - 17	3,567	3,607	0.10%	0.10%	-40	0.00%
18 - 24	7,321	7,402	0.20%	0.20%	-81	0.00%
25 - 34	8,915	9,014	0.24%	0.24%	-99	0.00%
35 - 44	9,629	9,736	0.26%	0.26%	-107	0.00%
45 - 54	12,276	12,414	0.33%	0.34%	-138	0.00%
55 - 64	10,267	10,382	0.28%	0.28%	-115	0.00%
65 - 74	6,011	6,078	0.16%	0.16%	-68	0.00%
75+	4,941	4,996	0.13%	0.14%	-56	0.00%
Total	76,410	77,264	2.07%	2.09%	-854	-0.02%

	Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
REGION 1 - FEMALE	0 - 4	3,816	3,859	0.10%	0.10%	-43	0.00%
	5 - 14	8,613	8,709	0.23%	0.24%	-96	0.00%
	15 - 17	3,355	3,393	0.09%	0.09%	-37	0.00%
	18 - 24	6,785	6,860	0.18%	0.19%	-76	0.00%
	25 - 34	8,641	8,737	0.23%	0.24%	-96	0.00%
	35 - 44	9,707	9,815	0.26%	0.27%	-108	0.00%
	45 - 54	12,629	12,771	0.34%	0.35%	-142	0.00%
	55 - 64	10,742	10,862	0.29%	0.29%	-120	0.00%
	65 - 74	6,564	6,637	0.18%	0.18%	-74	0.00%
	75+	6,797	6,874	0.18%	0.19%	-76	0.00%
	<b>Total</b>	<b>77,650</b>	<b>78,518</b>	<b>2.10%</b>	<b>2.13%</b>	<b>-868</b>	<b>-0.02%</b>
REGION 2 - MALE	0 - 4	57,804	53,111	1.57%	1.44%	4,692	0.13%
	5 - 14	114,405	106,660	3.10%	2.89%	7,745	0.21%
	15 - 17	34,986	35,377	0.95%	0.96%	-391	-0.01%
	18 - 24	73,001	72,135	1.98%	1.95%	866	0.02%
	25 - 34	124,424	123,452	3.37%	3.35%	972	0.03%
	35 - 44	133,021	134,075	3.60%	3.63%	-1,053	-0.03%
	45 - 54	127,048	128,464	3.44%	3.48%	-1,416	-0.04%
	55 - 64	92,310	89,752	2.50%	2.43%	2,558	0.07%
	65 - 74	41,241	41,700	1.12%	1.13%	-459	-0.01%
	75+	31,060	31,408	0.84%	0.85%	-347	-0.01%
	<b>Total</b>	<b>829,300</b>	<b>816,132</b>	<b>22.47%</b>	<b>22.12%</b>	<b>13,168</b>	<b>0.36%</b>
REGION 2 - FEMALE	Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
	0 - 4	53,774	54,375	1.46%	1.47%	-601	-0.02%
	5 - 14	109,050	107,867	2.96%	2.92%	1,183	0.03%
	15 - 17	32,761	33,127	0.89%	0.90%	-366	-0.01%
	18 - 24	70,435	68,752	1.91%	1.86%	1,682	0.05%
	25 - 34	118,082	118,040	3.20%	3.20%	43	0.00%
	35 - 44	125,280	125,471	3.39%	3.40%	-191	-0.01%
	45 - 54	128,029	129,455	3.47%	3.51%	-1,426	-0.04%
	55 - 64	94,989	91,370	2.57%	2.48%	3,619	0.10%
	65 - 74	45,922	44,152	1.24%	1.20%	1,770	0.05%
75+	53,223	53,818	1.44%	1.46%	-595	-0.02%	
	<b>Total</b>	<b>831,545</b>	<b>826,426</b>	<b>22.53%</b>	<b>22.40%</b>	<b>5,118</b>	<b>0.14%</b>
REGION 3 - MALE	Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
	0 - 4	28,062	28,375	0.76%	0.77%	-313	-0.01%
	5 - 14	59,960	60,630	1.62%	1.64%	-669	-0.02%
	15 - 17	19,672	19,891	0.53%	0.54%	-220	-0.01%
	18 - 24	55,528	56,149	1.50%	1.52%	-620	-0.02%
	25 - 34	65,040	65,240	1.76%	1.77%	-200	-0.01%
	35 - 44	59,862	60,530	1.62%	1.64%	-668	-0.02%
	45 - 54	62,448	63,145	1.69%	1.71%	-697	-0.02%
	55 - 64	50,349	49,403	1.36%	1.34%	946	0.03%
	65 - 74	26,760	27,060	0.73%	0.73%	-300	-0.01%
75+	23,869	24,137	0.65%	0.65%	-268	-0.01%	
	<b>Total</b>	<b>451,552</b>	<b>454,560</b>	<b>12.24%</b>	<b>12.32%</b>	<b>-3,008</b>	<b>-0.08%</b>

## REGION 3 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	27,457	27,764	0.74%	0.75%	-307	-0.01%
5 - 14	57,138	57,775	1.55%	1.57%	-638	-0.02%
15 - 17	18,342	18,547	0.50%	0.50%	-205	-0.01%
18 - 24	52,808	53,370	1.43%	1.45%	-562	-0.02%
25 - 34	58,534	57,285	1.59%	1.55%	1,249	0.03%
35 - 44	56,485	57,114	1.53%	1.55%	-630	-0.02%
45 - 54	64,630	65,353	1.75%	1.77%	-723	-0.02%
55 - 64	51,749	52,329	1.40%	1.42%	-580	-0.02%
65 - 74	30,032	30,368	0.81%	0.82%	-336	-0.01%
75+	36,723	37,136	1.00%	1.01%	-413	-0.01%
Total	453,898	457,043	12.30%	12.39%	-3,144	-0.09%

## REGION 4 - MALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	12,229	12,365	0.33%	0.34%	-136	0.00%
5 - 14	28,340	28,657	0.77%	0.78%	-316	-0.01%
15 - 17	10,326	10,441	0.28%	0.28%	-115	0.00%
18 - 24	21,505	21,744	0.58%	0.59%	-240	-0.01%
25 - 34	26,750	27,048	0.72%	0.73%	-298	-0.01%
35 - 44	27,331	27,636	0.74%	0.75%	-305	-0.01%
45 - 54	33,538	33,913	0.91%	0.92%	-375	-0.01%
55 - 64	30,329	30,667	0.82%	0.83%	-338	-0.01%
65 - 74	19,825	20,047	0.54%	0.54%	-222	-0.01%
75+	18,826	19,037	0.51%	0.52%	-211	-0.01%
Total	228,999	231,555	6.21%	6.27%	-2,556	-0.07%

## REGION 4 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	11,683	11,813	0.32%	0.32%	-130	0.00%
5 - 14	26,752	27,051	0.72%	0.73%	-298	-0.01%
15 - 17	9,709	9,817	0.26%	0.27%	-108	0.00%
18 - 24	20,482	20,710	0.56%	0.56%	-228	-0.01%
25 - 34	27,315	27,620	0.74%	0.75%	-304	-0.01%
35 - 44	27,820	28,130	0.75%	0.76%	-310	-0.01%
45 - 54	36,235	36,641	0.98%	0.99%	-406	-0.01%
55 - 64	32,091	32,449	0.87%	0.88%	-359	-0.01%
65 - 74	21,768	22,011	0.59%	0.60%	-243	-0.01%
75+	24,971	25,053	0.68%	0.68%	-81	0.00%
Total	238,826	241,295	6.47%	6.54%	-2,469	-0.07%

## REGION 5 - MALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	4,830	4,884	0.13%	0.13%	-54	0.00%
5 - 14	10,086	10,199	0.27%	0.28%	-113	0.00%
15 - 17	3,093	3,128	0.08%	0.08%	-35	0.00%
18 - 24	6,840	6,916	0.19%	0.19%	-76	0.00%
25 - 34	8,349	8,442	0.23%	0.23%	-93	0.00%
35 - 44	9,552	9,659	0.26%	0.26%	-106	0.00%
45 - 54	10,305	10,420	0.28%	0.28%	-115	0.00%
55 - 64	7,918	8,006	0.21%	0.22%	-89	0.00%
65 - 74	4,203	4,250	0.11%	0.12%	-47	0.00%
75+	3,620	3,661	0.10%	0.10%	-41	0.00%
Total	68,796	69,565	1.86%	1.89%	-769	-0.02%

## REGION 5 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	4,598	4,649	0.12%	0.13%	-51	0.00%
5 - 14	9,619	9,726	0.26%	0.26%	-107	0.00%
15 - 17	3,021	3,055	0.08%	0.08%	-34	0.00%
18 - 24	5,936	6,003	0.16%	0.16%	-66	0.00%
25 - 34	7,463	7,546	0.20%	0.20%	-83	0.00%
35 - 44	8,612	8,708	0.23%	0.24%	-96	0.00%
45 - 54	9,900	10,011	0.27%	0.27%	-111	0.00%
55 - 64	7,461	7,545	0.20%	0.20%	-84	0.00%
65 - 74	4,593	4,645	0.12%	0.13%	-52	0.00%
75+	5,034	5,077	0.14%	0.14%	-43	0.00%
Total	66,239	66,966	1.80%	1.81%	-727	-0.02%

## REGION 6 - MALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	6,093	6,161	0.17%	0.17%	-68	0.00%
5 - 14	12,592	12,733	0.34%	0.35%	-141	0.00%
15 - 17	4,476	4,526	0.12%	0.12%	-50	0.00%
18 - 24	9,260	9,363	0.25%	0.25%	-103	0.00%
25 - 34	14,443	14,603	0.39%	0.40%	-161	0.00%
35 - 44	13,561	13,712	0.37%	0.37%	-151	0.00%
45 - 54	14,240	14,399	0.39%	0.39%	-159	0.00%
55 - 64	11,727	11,859	0.32%	0.32%	-132	0.00%
65 - 74	7,156	7,237	0.19%	0.20%	-80	0.00%
75+	5,396	5,457	0.15%	0.15%	-61	0.00%
Total	98,945	100,051	2.68%	2.71%	-1,105	-0.03%

## REGION 6 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	5,676	5,739	0.15%	0.16%	-63	0.00%
5 - 14	12,329	12,466	0.33%	0.34%	-138	0.00%
15 - 17	4,341	4,389	0.12%	0.12%	-48	0.00%
18 - 24	8,754	8,853	0.24%	0.24%	-98	0.00%
25 - 34	14,192	14,350	0.38%	0.39%	-158	0.00%
35 - 44	13,222	13,370	0.36%	0.36%	-147	0.00%
45 - 54	14,784	14,949	0.40%	0.41%	-165	0.00%
55 - 64	12,053	12,188	0.33%	0.33%	-135	0.00%
65 - 74	7,241	7,322	0.20%	0.20%	-81	0.00%
75+	6,668	6,743	0.18%	0.18%	-75	0.00%
Total	99,260	100,369	2.69%	2.72%	-1,109	-0.03%

## REGION 7 - MALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	2,653	2,682	0.07%	0.07%	-30	0.00%
5 - 14	6,026	6,094	0.16%	0.17%	-67	0.00%
15 - 17	2,111	2,134	0.06%	0.06%	-24	0.00%
18 - 24	4,900	4,954	0.13%	0.13%	-55	0.00%
25 - 34	4,452	4,501	0.12%	0.12%	-50	0.00%
35 - 44	5,135	5,192	0.14%	0.14%	-57	0.00%
45 - 54	6,656	6,731	0.18%	0.18%	-75	0.00%
55 - 64	5,926	5,993	0.16%	0.16%	-67	0.00%
65 - 74	3,718	3,760	0.10%	0.10%	-42	0.00%
75+	2,997	3,031	0.08%	0.08%	-34	0.00%
Total	44,573	45,071	1.21%	1.22%	-498	-0.01%

## REGION 7 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	2,372	2,398	0.06%	0.06%	-26	0.00%
5 - 14	5,560	5,498	0.15%	0.15%	62	0.00%
15 - 17	1,927	1,948	0.05%	0.05%	-21	0.00%
18 - 24	3,872	3,915	0.10%	0.11%	-43	0.00%
25 - 34	4,579	4,630	0.12%	0.13%	-51	0.00%
35 - 44	5,236	5,295	0.14%	0.14%	-58	0.00%
45 - 54	6,851	6,928	0.19%	0.19%	-77	0.00%
55 - 64	5,700	5,764	0.15%	0.16%	-64	0.00%
65 - 74	3,883	3,927	0.11%	0.11%	-44	0.00%
75+	3,742	3,784	0.10%	0.10%	-42	0.00%
Total	43,722	44,087	1.18%	1.19%	-365	-0.01%

## REGION 8 - MALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	2,595	2,624	0.07%	0.07%	-29	0.00%
5 - 14	5,253	5,311	0.14%	0.14%	-59	0.00%
15 - 17	1,822	1,842	0.05%	0.05%	-20	0.00%
18 - 24	4,868	4,922	0.13%	0.13%	-54	0.00%
25 - 34	4,603	4,654	0.12%	0.13%	-51	0.00%
35 - 44	4,959	5,014	0.13%	0.14%	-55	0.00%
45 - 54	6,209	6,195	0.17%	0.17%	14	0.00%
55 - 64	4,952	5,008	0.13%	0.14%	-55	0.00%
65 - 74	3,215	3,251	0.09%	0.09%	-36	0.00%
75+	2,718	2,748	0.07%	0.07%	-31	0.00%
Total	41,193	41,570	1.12%	1.13%	-376	-0.01%

## REGION 8 - FEMALE

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
0 - 4	2,370	2,396	0.06%	0.06%	-26	0.00%
5 - 14	5,071	5,127	0.14%	0.14%	-57	0.00%
15 - 17	1,824	1,845	0.05%	0.05%	-20	0.00%
18 - 24	4,257	4,305	0.12%	0.12%	-47	0.00%
25 - 34	3,501	3,540	0.09%	0.10%	-39	0.00%
35 - 44	4,434	4,484	0.12%	0.12%	-49	0.00%
45 - 54	5,874	5,940	0.16%	0.16%	-66	0.00%
55 - 64	4,908	4,963	0.13%	0.13%	-55	0.00%
65 - 74	3,298	3,335	0.09%	0.09%	-37	0.00%
75+	3,713	3,755	0.10%	0.10%	-41	0.00%
Total	39,252	39,690	1.06%	1.08%	-438	-0.01%

## Household Data File

Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Region 1	151273.251424	151,273	4.19%	4.19%	0	0.00%
Region 2	1630593.849635	1,630,594	45.20%	45.20%	0	0.00%
Region 3	877702.299247	877,702	24.33%	24.33%	0	0.00%
Region 4	459008.167380	459,008	12.72%	12.72%	0	0.00%
Region 5	130116.425257	130,117	3.61%	3.61%	0	0.00%
Region 6	195985.160460	195,985	5.43%	5.43%	0	0.00%
Region 7	86698.067454	86,698	2.40%	2.40%	0	0.00%
Region 8	75833.002892	75,833	2.10%	2.10%	0	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
AA, Single	7236.308488	7,236	0.20%	0.20%	0	0.00%
AA, Multi	53521.394350	53,519	1.48%	1.48%	2	0.00%
Other, Single	384550.252374	384,550	10.66%	10.66%	0	0.00%
Other, Multi	3161902.268536	3,161,904	87.66%	87.66%	-2	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
NA / AN, Single	3551.004355	3,551	0.10%	0.10%	0	0.00%
NA / AN, Multi	41818.584735	41,817	1.16%	1.16%	2	0.00%
Not, Single	388235.556507	388,236	10.76%	10.76%	0	0.00%
Not, Multi	3173605.078151	3,173,607	87.98%	87.98%	-1	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
AZ / PI, Single	10860.161441	10,860	0.30%	0.30%	0	0.00%
AZ / PI, Multi	120408.147721	120,404	3.34%	3.34%	4	0.00%
Not, Single	380926.399422	380,927	10.56%	10.56%	0	0.00%
Not, Multi	3095015.515165	3,095,020	85.80%	85.80%	-4	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
OTR, Single	4607.291762	4,607	0.13%	0.13%	0	0.00%
OTR, Multi	178314.721501	178,307	4.94%	4.94%	7	0.00%
Not, Single	387179.269101	387,179	10.73%	10.73%	0	0.00%
Not, Multi	3037108.941386	3,037,116	84.20%	84.20%	-7	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
White, Single	351048.698469	351,049	9.73%	9.73%	0	0.00%
White, Multi	2685384.178853	2,685,386	74.44%	74.44%	-1	0.00%
Not, Single	40737.862394	40,738	1.13%	1.13%	0	0.00%
Not, Multi	530039.484033	530,038	14.69%	14.69%	2	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%
Group	Pop CT	Sam CT	Pop %	Sam %	CT Diff	% Diff
Hispanic	368287.943763	368,288	10.21%	10.21%	0	0.00%
Not Hispanic	3238922.279986	3,238,922	89.79%	89.79%	0	0.00%
Total	3607210.223749	3,607,210	100.00%	100.00%	0	0.00%

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# VIII. Appendix D

## **Disproportionate Stratified Sampling (DSS) Methodology**

The DSS design attempts to sample chosen strata to control the level of precision of statistical measures. The 2006 OPS as did previous OPS surveys divides the state into distinct regions or strata. The Base study design required that a minimum of 400 interviews be conducted in each region independent of the regions population which creates the “disproportionate” effect. The end result is that a sparsely populated region like region 8 which includes Baker, Malheur, Union, and Wallowa counties will have the same statistical precision as region 2 which contains the Portland Metro area.

The following are some telephone sampling definitions as they relate to the 2006 Oregon Population Survey

### **Sampling Frame**

The sampling frame is the set of all telephone numbers that reside in working blocks in Oregon. The 2006 OPS used multiple sampling frames to target ethnic and racial subgroups in Oregon.

### **Stratum**

A discrete subdivision of a sampling frame. For example, using information about the geographic location to which a telephone number is assigned, we can assign each number uniquely to a state or even county (even though some of those assignments might be incorrect). The 2006 OPS has 8 stratum which are grouped by county and contiguous geography.

### **Working Block**

A block of 100 telephone numbers in which at least 1 number can be verified using list-assisted methods as matching a residential household.

### **Primary Sampling Unit**

In the 2006 OPS the primary sampling unit is telephone households.

### **Secondary Sampling Unit**

The randomly selected adult within a contacted household.

### **Unique Identifier**

Each telephone number in the sample is assigned a unique identifier.

### **Replicate**

A group of telephone numbers in which the distribution of strata is identical to each other replicate. The 2006 OPS used differing replicate sizes depending on the sampling frame and whether the sample replicate was created for the Base or Augment studies.

# IX. Appendix E

## Final Sample Dispositions by Region

### Region One

- Effective Region Incidence = 98%
- Response Rate = 31%
- Cooperation Rate = 61%
- Refusal Rate = 15%

Final Sample Disposition Report		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	905	<b>20%</b>
Busy	60	<b>1%</b>
Answering Machine	222	<b>5%</b>
Verified/ Non-working	1,318	<b>29%</b>
Initial Refusal	781	<b>17%</b>
Final Refusal	159	<b>3%</b>
Never Call	9	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	29	<b>1%</b>
Language Barrier (Unknown)	3	<b>0%</b>
Callback Introduction	85	<b>2%</b>
Privacy Manager	5	<b>0%</b>
Possible Disconnect	44	<b>1%</b>
Business	423	<b>9%</b>
Targeted Respondent Not Available	23	<b>0%</b>
Language Barrier (Spanish)	0	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	1	<b>0%</b>
Interview In Progress	12	<b>0%</b>
Mid-terminate	32	<b>1%</b>
No Head of Household / No one over 18	3	<b>0%</b>
Out of Area	6	<b>0%</b>
Message Left	51	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	1	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	45	<b>1%</b>
Complete	405	<b>9%</b>
Total Attempted Sample	4,622	<b>100%</b>

## Region Two

- Effective Region Incidence = 98%
- Response Rate = 31%
- Cooperation Rate = 55%
- Refusal Rate = 20%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	1,131	<b>17%</b>
Busy	68	<b>1%</b>
Answering Machine	317	<b>5%</b>
Verified/ Non-working	2,513	<b>38%</b>
Initial Refusal	743	<b>11%</b>
Final Refusal	231	<b>4%</b>
Never Call	6	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	59	<b>1%</b>
Language Barrier (Unknown)	19	<b>0%</b>
Callback Introduction	90	<b>1%</b>
Privacy Manager	7	<b>0%</b>
Possible Disconnect	65	<b>1%</b>
Business	695	<b>11%</b>
Targeted Respondent Not Available	11	<b>0%</b>
Language Barrier (Spanish)	3	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	4	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	17	<b>0%</b>
Mid-terminate	26	<b>0%</b>
No Head of Household / No one over 18	6	<b>0%</b>
Out of Area	2	<b>0%</b>
Message Left	68	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	4	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	49	<b>1%</b>
Complete	402	<b>6%</b>
<b>Total Attempted Sample</b>	<b>6,536</b>	<b>100%</b>

### Region Three

- Effective Region Incidence = 97%
- Response Rate = 30%
- Cooperation Rate = 60%
- Refusal Rate = 14%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	899	<b>19%</b>
Busy	35	<b>1%</b>
Answering Machine	249	<b>5%</b>
Verified/ Non-working	1,342	<b>29%</b>
Initial Refusal	758	<b>16%</b>
Final Refusal	143	<b>3%</b>
Never Call	7	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	35	<b>1%</b>
Language Barrier (Unknown)	13	<b>0%</b>
Callback Introduction	80	<b>2%</b>
Privacy Manager	4	<b>0%</b>
Possible Disconnect	59	<b>1%</b>
Business	421	<b>9%</b>
Targeted Respondent Not Available	11	<b>0%</b>
Language Barrier (Spanish)	3	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	1	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	20	<b>0%</b>
Mid-terminate	37	<b>1%</b>
No Head of Household / No one over 18	1	<b>0%</b>
Out of Area	4	<b>0%</b>
Message Left	72	<b>2%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	8	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	1	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	58	<b>1%</b>
Complete	402	<b>9%</b>
Total Attempted Sample	4,663	<b>100%</b>

## Region Four

- Effective Region Incidence = 97%
- Response Rate = 31%
- Cooperation Rate = 61%
- Refusal Rate = 15%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	811	<b>18%</b>
Busy	60	<b>1%</b>
Answering Machine	229	<b>5%</b>
Verified/ Non-working	1,198	<b>27%</b>
Initial Refusal	797	<b>18%</b>
Final Refusal	159	<b>4%</b>
Never Call	3	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	32	<b>1%</b>
Language Barrier (Unknown)	2	<b>0%</b>
Callback Introduction	91	<b>2%</b>
Privacy Manager	2	<b>0%</b>
Possible Disconnect	56	<b>1%</b>
Business	445	<b>10%</b>
Targeted Respondent Not Available	9	<b>0%</b>
Language Barrier (Spanish)	0	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	19	<b>0%</b>
Mid-terminate	32	<b>1%</b>
No Head of Household / No one over 18	3	<b>0%</b>
Out of Area	6	<b>0%</b>
Message Left	48	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	7	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	1	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	42	<b>1%</b>
Complete	406	<b>9%</b>
<b>Total Attempted Sample</b>	<b>4,458</b>	<b>100%</b>

## Region Five

- Effective Region Incidence = 98%
- Response Rate = 36%
- Cooperation Rate = 68%
- Refusal Rate = 13%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	682	<b>18%</b>
Busy	47	<b>1%</b>
Answering Machine	125	<b>3%</b>
Verified/ Non-working	1,184	<b>31%</b>
Initial Refusal	610	<b>16%</b>
Final Refusal	116	<b>3%</b>
Never Call	5	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	50	<b>1%</b>
Language Barrier (Unknown)	18	<b>0%</b>
Callback Introduction	71	<b>2%</b>
Privacy Manager	3	<b>0%</b>
Possible Disconnect	40	<b>1%</b>
Business	387	<b>10%</b>
Targeted Respondent Not Available	9	<b>0%</b>
Language Barrier (Spanish)	1	<b>0%</b>
Language Barrier (Vietnamese)	1	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	16	<b>0%</b>
Mid-terminate	24	<b>1%</b>
No Head of Household / No one over 18	3	<b>0%</b>
Out of Area	5	<b>0%</b>
Message Left	35	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	4	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	34	<b>1%</b>
Complete	409	<b>11%</b>
<b>Total Attempted Sample</b>	<b>3,879</b>	<b>100%</b>

## Region Six

- Effective Region Incidence = 98%
- Response Rate = 27%
- Cooperation Rate = 59%
- Refusal Rate = 14%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	1,100	<b>21%</b>
Busy	72	<b>1%</b>
Answering Machine	275	<b>5%</b>
Verified/ Non-working	1,100	<b>21%</b>
Initial Refusal	923	<b>18%</b>
Final Refusal	186	<b>4%</b>
Never Call	6	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	41	<b>1%</b>
Language Barrier (Unknown)	7	<b>0%</b>
Callback Introduction	127	<b>2%</b>
Privacy Manager	7	<b>0%</b>
Possible Disconnect	116	<b>2%</b>
Business	662	<b>13%</b>
Targeted Respondent Not Available	15	<b>0%</b>
Language Barrier (Spanish)	2	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	11	<b>0%</b>
Mid-terminate	21	<b>0%</b>
No Head of Household / No one over 18	0	<b>0%</b>
Out of Area	4	<b>0%</b>
Message Left	56	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	8	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	59	<b>1%</b>
Complete	408	<b>8%</b>
<b>Total Attempted Sample</b>	<b>5,206</b>	<b>100%</b>

## Region Seven

- Effective Region Incidence = 99%
- Response Rate = 35%
- Cooperation Rate = 65%
- Refusal Rate = 14%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	798	<b>20%</b>
Busy	50	<b>1%</b>
Answering Machine	178	<b>5%</b>
Verified/ Non-working	1,198	<b>30%</b>
Initial Refusal	567	<b>14%</b>
Final Refusal	134	<b>3%</b>
Never Call	4	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	22	<b>1%</b>
Language Barrier (Unknown)	6	<b>0%</b>
Callback Introduction	61	<b>2%</b>
Privacy Manager	2	<b>0%</b>
Possible Disconnect	38	<b>1%</b>
Business	329	<b>8%</b>
Targeted Respondent Not Available	11	<b>0%</b>
Language Barrier (Spanish)	1	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	13	<b>0%</b>
Mid-terminate	31	<b>1%</b>
No Head of Household / No one over 18	1	<b>0%</b>
Out of Area	6	<b>0%</b>
Message Left	37	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	37	<b>1%</b>
Complete	412	<b>10%</b>
<b>Total Attempted Sample</b>	<b>3,936</b>	<b>100%</b>

## Region Eight

- Effective Region Incidence = 99%
- Response Rate = 36%
- Cooperation Rate = 67%
- Refusal Rate = 12%

<b>Final Sample Disposition Report</b>		
<u>Disposition</u>	<u>Total Sample</u>	<u>% Of Sample</u>
No Answer	763	<b>18%</b>
Busy	55	<b>1%</b>
Answering Machine	172	<b>4%</b>
Verified/ Non-working	1,474	<b>35%</b>
Initial Refusal	620	<b>15%</b>
Final Refusal	111	<b>3%</b>
Never Call	7	<b>0%</b>
Screener Refusal	0	<b>0%</b>
Communication Barrier	40	<b>1%</b>
Language Barrier (Unknown)	8	<b>0%</b>
Callback Introduction	80	<b>2%</b>
Privacy Manager	0	<b>0%</b>
Possible Disconnect	55	<b>1%</b>
Business	312	<b>7%</b>
Targeted Respondent Not Available	11	<b>0%</b>
Language Barrier (Spanish)	2	<b>0%</b>
Language Barrier (Vietnamese)	0	<b>0%</b>
Language Barrier (Chinese)	0	<b>0%</b>
Language Barrier (Korean)	0	<b>0%</b>
Interview In Progress	9	<b>0%</b>
Mid-terminate	20	<b>0%</b>
No Head of Household / No one over 18	4	<b>0%</b>
Out of Area	2	<b>0%</b>
Message Left	43	<b>1%</b>
OQ - Region 1	0	<b>0%</b>
OQ - Region 2	0	<b>0%</b>
OQ - Region 3	0	<b>0%</b>
OQ - Region 4	0	<b>0%</b>
OQ - Region 5	0	<b>0%</b>
OQ - Region 6	0	<b>0%</b>
OQ - Region 7	0	<b>0%</b>
OQ - Region 8	0	<b>0%</b>
Partial Complete – HH Grid not completed	54	<b>1%</b>
Complete	399	<b>9%</b>
Total Attempted Sample	4,241	<b>100%</b>

# X. Appendix F

## Augment Dispositions by Race / Ethnicity

Final Sample Disposition Report – Augment by Race / Ethnicity								
<u>Disposition</u>	Hispanic		African-American		Asian / Pacific Islander		Native American	
No Answer	864	24%	5,416	23%	5,412	25%	1357	21%
Busy	31	1%	203	1%	212	1%	72	1%
Answering Machine	196	5%	1,613	7%	1,916	9%	358	6%
Message Left	87	2%	492	2%	650	3%	141	2%
Callback Introduction	42	1%	535	2%	464	2%	42	1%
Disconnected / Nonworking	1,105	31%	6,322	27%	5,173	23%	2182	34%
Verified Disconnected / Nonworking	4	0%	92	0%	106	0%	32	0%
Business	318	9%	1,372	6%	1,143	5%	410	6%
Privacy Manager	1	0%	18	0%	14	0%	1	0%
Initial Refusal	504	14%	2,599	11%	3,598	16%	816	13%
Final Refusal	50	1%	1,093	5%	608	3%	179	3%
Never Call	2	0%	32	0%	26	0%	11	0%
Screener Refusal	0	0%	0	0%	0	0%	0	0%
Communication Barrier	45	1%	187	1%	298	1%	46	1%
Language Barrier (Unknown)	6	0%	32	0%	158	1%	3	0%
Language Barrier (Spanish)	0	0%	24	0%	9	0%	0	0%
Language Barrier (Vietnamese)	0	0%	4	0%	86	0%	1	0%
Language Barrier (Chinese)	1	0%	2	0%	116	1%	1	0%
Language Barrier (Korean)	0	0%	4	0%	55	0%	0	0%
Targeted Respondent Not Available	2	0%	15	0%	23	0%	11	0%
Interview In Progress	1	0%	19	0%	53	0%	4	0%
Mid-Terminate	2	0%	57	0%	54	0%	11	0%
No Head of Household / No One Over 18	1	0%	11	0%	9	0%	2	0%
Out Of Area	6	0%	14	0%	12	0%	11	0%
OQ - Hispanic	0	0%	30	0%	0	0%	0	0%
OQ - African Americans	0	0%	0	0%	0	0%	0	0%
OQ - Native Americans	0	0%	24	0%	1	0%	0	0%
OQ - Asian Pacific Islanders	0	0%	7	0%	4	0%	0	0%
NQ - Caucasian Only	287	8%	2,569	11%	1,398	6%	587	9%
Partial Complete – HH Grid not completed	1	0%	39	0%	53	0%	11	0%
Complete Interview	65	2%	457	2%	387	2%	140	2%
<b>Total Attempted</b>	<b>3621</b>	<b>100%</b>	<b>23282</b>	<b>100%</b>	<b>22038</b>	<b>100%</b>	<b>6429</b>	<b>100%</b>
Incidence		19%		18%		28%		22%
Contact Rate		52%		53%		43%		55%
Cooperation Rate		54%		27%		33%		39%
Refusal Rate		16%		33%		18%		27%
Response Rate		20%		13%		10%		19%