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2008 Post-Election Voting Survey of Uniformed Service Members

Statistical Methodology Report



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**2008 POST-ELECTION VOTING SURVEY OF
UNIFORMED SERVICE MEMBERS:
STATISTICAL METHODOLOGY REPORT**

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Acknowledgments

Defense Manpower Data Center (DMDC) is indebted to numerous people for their assistance with the *2008 Post-Election Voting Survey of the Uniformed Service Members (PEV-U)*, which was conducted on behalf of the Office of the Under Secretary of Defense for Personnel and Readiness (OUSD[P&R]). The survey program is conducted under the leadership of Timothy Elig, Director of the *Human Resources Strategic Assessment Program (HRSAP)*.

Policy officials contributing to the development of this survey include Erin St. Pierre and Scott Wiedmann (Federal Voting Assistance Program).

DMDC's Program Evaluation Branch, under the guidance of Brian Lappin, previous Branch Chief, and Kristin Williams, current Branch Chief, is responsible for the development of questionnaires used in the SOFS program. The lead survey design analyst was Robert Tinney.

DMDC's Personnel Survey Branch, under the guidance of David McGrath, Branch Chief, is responsible for sampling and weighting methods used in the SOFS program, and survey database construction and archiving. The lead sampling analysts on this survey were Carla Scanlan, DMDC, for the active duty sample and Michael Paraloglou, SRA International, Inc., for the Reserve component sample. Fawzi al Nassir, SRA International, Inc., provided supervision and consultation on the sampling and weighting methods, as well as overall process control. Susan Reinhold and Carole Massey, DMDC, and Deborah West, Northrop Grumman Corporation, provided programming support for the sampling and weighting tasks. Marissa Lee, Consortium Research Fellow assisted in formatting this report. Data Recognition Corporation (DRC) performed data collection and editing.

DMDC's Survey Technology Branch, under the guidance of Frederick Licari, Branch Chief, is responsible for the distribution of datasets outside of DMDC and maintaining records on compliance with the Privacy Act and 32 CFR 219.

2008 POST-ELECTION VOTING SURVEY OF UNIFORMED SERVICE MEMBERS: STATISTICAL METHODOLOGY REPORT

Executive Summary

The Uniformed and Overseas Citizens Absentee Voting Act of 1986 (UOCAVA), 42 USC 1973ff, permits members of the Uniformed Services and Merchant Marine, and their eligible family members and all citizens residing outside the United States who are absent from the United States and its territories to vote in the general election for federal offices. These groups include:

- Members of the Uniformed Services (including Army, Navy, Air Force, Marine Corps, Coast Guard)
- U.S. citizens employed by the Federal Government residing outside the U.S., and
- All other private U.S. citizens residing outside the U.S.

The Federal Voting Assistance Program (FVAP), under the guidance of USD(P&R), is charged with implementing the UOCAVA and evaluating the effectiveness of its programs. The FVAP Office asked DMDC to design, administer, and analyze post-election surveys on Uniformed Services voter participation, overseas nonmilitary voter participation, and local election officials. Without such surveys, the Department will not be able to assess and improve voter access. In addition, such surveys fulfill 1988 Executive Order 12642 that names the Secretary of Defense as the “Presidential designee” for administering the UOCAVA and requires surveys to evaluate the effectiveness of the program in presidential election years.

The objectives of the 2008 post-election surveys are: (1) to gauge participation in the electoral process by citizens covered by UOCAVA, (2) to assess the impact of the FVAP’s efforts to simplify and ease the process of voting absentee, (3) to evaluate other progress made to facilitate voting participation, and (4) to identify any remaining obstacles to voting by these citizens. Surveys were done of military members, federal civilian employees overseas, other U.S. citizens overseas, voting assistance personnel, and local election officials in the U.S.

This report focuses on the *2008 Post-Election Voting Survey of Uniformed Service Members (2008 PEV-U)*, which was designed to capture the attitudes and behaviors of Uniformed Service members throughout the world. This report describes the sampling and weighting methodologies used in the *2008 PEV-U*. Calculation of response rates is described in the final section.

The population of interest for the active duty portion of the *2008 PEV-U* survey consisted of eligible active duty members (1) who are members of the Army, Navy, Marine Corps, Air Force, and Coast Guard, (2) who have at least 6 months of service at the time the questionnaire is first fielded, (3) who are U.S. citizens, and (4) who are below flag rank at the time the invitation to participate is mailed.

The population of interest for the Reserves Members portion of the *2008 PEV-U* consisted of members from the Selected Reserve (1) who are in Reserve Unit, Active Guard/Reserve (AGR/TAR/AR;¹ Title 10 and Title 32), and Individual Mobilization Augmentee (IMA) programs from the Army National Guard (ARNG), U.S. Army Reserve (USAR), U.S. Naval Reserve (USNR), U.S. Marine Corps Reserve (USMCR), Air National Guard (ANG), U.S. Air Force Reserve (USAFR), and U.S. Coast Guard Reserve (USCGR), (2) who have at least 6 months of service at the time the questionnaire is first fielded, (3) who are U.S. citizens, and (4) who are below flag rank at the time the invitation to participate is mailed.

The survey administration period lasted from November 5 to December 19, 2008. A sample of 25,013 active duty members, and 30,731 Reserve component members were selected from the corresponding eligible populations of 1,360,818 active duty members, and 809,159 Reserve component members respectively. Based on updated personnel records and self-reported data, a total of 53,060 sample members (24,300 active duty members, 28,760 Reserve component members) were ultimately determined to be eligible for the survey. Usable questionnaires were returned by 14,995 members (7,669 active duty, and 7,326 Reserves).

The *2008 PEV-U* used a single-stage, stratified sample design for each of the two portions of the survey (active duty members and Reserves component members). The allocation for each of the two portions of the survey was nonproportional, with oversampling of small domains and population subgroups having low response rates. The total sample size was based on precision requirements for key reporting domains. The allocation was determined by an optimization algorithm that minimized the cost of the survey while meeting the precision requirements.

After the determination of eligibility for the survey and completion of a survey, analytic weights were created to account for varying response rates among population subgroups. First, the sampling weights (the inverse of the selection probabilities) were computed. Second, the base weights were adjusted to account for eligible sample members who returned usable questionnaires. In the third step, the adjusted weights were poststratified to match population totals and to reduce bias unaccounted for by the previous weighting steps.

For Uniformed Service members, the location, completion, and response rates were 93%, 33%, and 31%. For active duty members, the rates were 91%, 35%, and 32%. For Reserve component members, the rates were 97%, 31%, and 30%.

Location, completion, and response rates were calculated in accordance with guidelines established by the Council of American Survey Research Organizations (CASRO). The procedure is based on recommendations for Sample Type II response rates (CASRO, 1982). This definition corresponds to The American Association for Public Opinion Research (AAPOR) RR3 (AAPOR, 2008), which estimates the proportion of eligibles among cases of unknown eligibility.

¹ Names for this program vary among Reserve components: AGR/TAR/AR is a combination of Active Guard/Reserve (AGR), Training and Administration of the Reserve (TAR), and Active Reserve (AR).

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2008 POST-ELECTION VOTING SURVEY OF UNIFORMED SERVICE MEMBERS: STATISTICAL METHODOLOGY REPORT

Introduction

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This report focuses on the *2008 Post-Election Voting Survey of Uniformed Service Members (2008 PEV-U)*, which was designed to capture the attitudes and behaviors of Uniformed Service members throughout the world. This report describes the sampling and weighting methodologies used in the *2008 PEV-U*. Calculation of response rates is described in the final section. Tabulated results of the survey are reported by DMDC (2009).

Sample Design and Selection

Target Population

The target population for the active duty members of the *2008 PEV-U* was designed to represent individuals meeting all of the following criteria:

1. An active duty member of the Army, Navy, Marine Corps, Air Force, and Coast Guard;
2. At least 6 months of service by the beginning of the survey fielding period;
3. Up to and including paygrade O6;
4. U.S. citizens.

National Guard and Reserve members in active duty programs were excluded.

The target population for the Reserve component members of the *2008 PEV-U* was designed to represent individuals meeting all of the following criteria:

1. A member of the Selected Reserve who are in Reserve Unit, Active Guard/Reserve (AGR/TAR/AR;² Title 10 and Title 32), and Individual Mobilization Augmentee (IMA) programs from the Army National Guard (ARNG), U.S. Army Reserve (USAR), U.S. Naval Reserve (USNR), U.S. Marine Corps Reserve (USMCR), Air National Guard (ANG), U.S. Air Force Reserve (USAFR), or U.S. Coast Guard Reserve (USCGR);
2. At least 6 months of service by the beginning of the survey fielding period;
3. Up to and including paygrade O6;
4. U.S. citizens.

Fielding of the *2008 PEV-U* survey began November 5, 2008 and ended on December 19, 2008. Please see DMDC (In preparation) for further information on survey administration.

Sampling Frame

For active duty members, the sampling frame was constructed from the following data files with the criteria that non-citizens were excluded. This frame consisted of 1,360,818 records drawn from the May 2008 Active Duty Master Edit File (ADMF). Auxiliary information used to develop the frame was obtained from the May 2008 Active Duty Pay File, Family Database File, Basic Allowance for Housing (BAH), and two additional administrative files that were compiled prior to the scheduled starting date of the survey field period. These files were the June 2008 and August 2008 Defense Enrollment Eligibility Reporting System (DEERS) Medical Point-in-Time Extracts (PITE). Individuals were included on the frame based on membership in both the May 2008 ADMF and the August 2008 DEERS PITE. Sample members who subsequently became ineligible (Record Ineligible) were identified by comparison to the August 2008 updates of the RCCPDS and DEERS PITE. Other individuals were identified as ineligible by self or proxy report due to separation, retirement, or incarceration, by the survey control system and during the survey fielding period, November 5, through December 19, 2008.

² Names for this program vary among Reserve components: AGR/TAR/AR is a combination of Active Guard/Reserve (AGR), Training and Administration of the Reserve (TAR), and Active Reserve (AR).

For Reserve component members, the sampling frame consisted of 809,159 records drawn from the May 2008 Reserve Components Common Personnel Data System (RCCPDS) Master File. Auxiliary information used to develop the frame was obtained from the two additional files that were compiled prior to the scheduled starting date of the survey field period: June 2008 and August 2008 Defense Enrollment Eligibility Reporting System (DEERS) Point-in-Time Extracts (PITE). Individuals were included on the frame based on membership in both the June 2008 update of the RCCPDS file and the August 2008 DEERS PITE. Sample members who subsequently became ineligible (record ineligible) were identified by comparison to the August 2008 updates of the RCCPDS and DEERS PITE. Other Individuals were identified as ineligible by self or proxy report due to separation, retirement, incarceration, by the survey control system and during the survey fielding period, November 5, through December 19, 2008.

Sample Design

The 2008 PEV-U sample used a single-stage stratified design. Six population characteristics defined the stratification dimensions for active duty members: Service, paygrade, gender, race/ethnicity, duty location, and family status. These are the first six variables under the active duty section in Table 1 and displayed by an asterisk (*). The active duty frame was partitioned into 217 strata, produced by cross-classification of the stratification variables. The 201st strata contained all Coast Guard members stationed overseas. The remaining 16 strata contained Coast Guard members serving in the U.S. or U.S. territories stratified by duty location, paygrade, sex, and race/ethnicity. Levels were collapsed within dimensions; occasionally, dimensions were collapsed, in reverse order as listed. Service, paygrade, and gender boundaries were preserved.

Six population characteristics defined the stratification dimensions for Reserve component members: activation status, Service branch, race/ethnicity, gender, paygrade group, and Unit of Service. These are the first six variables under the Reserve component members section in Table 1 and displayed by asterisk (*). The Reserve component members frame was partitioned into 394 strata: 393 strata were produced by cross-classification of the stratification variables and one stratum (stratum number 394) represented all Reserves component members stationed overseas. Strata 383-393 contained Coast Guard members serving in the U.S. or U.S. territories. Levels were collapsed within dimensions; occasionally, dimensions were collapsed, in reverse order as listed. Service boundaries were preserved.

Within each stratum, individuals were selected with equal probability and without replacement. Since the allocation of the sample was not proportional to the size of the strata, selection probabilities varied among strata (i.e., individuals were not selected with equal probability overall). Nonproportional allocation was used to achieve adequate sample sizes for small subpopulations of analytic interest (i.e., the survey reporting domains). These domains included subpopulations defined by the stratification characteristics, as well as other key reporting domains. Key reporting domain variables are shown in Table 1.

Table 1.
Variables for Stratification and Key Reporting Domains

Variable	Categories
Active Duty	
Service Branch*	Army Navy Marine Corps Air Force Coast Guard
Paygrade Group 1*	E1-E3 E4 E5-E6 E7-E9 W1-W5 O1-O3 O4-O6
Gender*	Male Female
Race/Ethnic Category*	Non-minority Minority
Duty Location*	U.S. & U.S. Territories, Other, Unknown Europe Asia/Pacific Islands All Regions
Family-status 4*	Single with child(ren) Dual Service Spouse Other Family
Race/Ethnic Code	Black (not Hispanic) White (not Hispanic) Hispanic Other
Paygrade Group 6	Enlisted Officer

Table 1. (continued)

Variable	Categories
Education	No college Some college 4 year degree Grad/professional degree
Age	18 to 24 years old 25 to 29 years old 30 to 34 years old 35 to 44 years old Older than 45 years
Reserve Component	
Active prior 24 months*	Not Active in prior 24 months Active SOC in prior 24 months De-activated in prior 23 months
Service branch*	Army National Guard Army Reserve Navy Reserve Marine Corps Reserve Air National Guard Air Force Reserve Coast Guard Reserve
Race/Ethnicity*	Non-Minority (Non-Hispanic White) Minority
Gender*	Male Female
Paygrade Group*	E1-E3 E4 E5-E6 E7-E9 W1-W5 O1-O3 O4-O6
Unit of Service*	TPU MilTech AGR/TAR IMA
Paygrade Group	E1-E4 E5-E9 W1-W5 O1-O3 O4-O6
Paygrade Group	Enlisted Officers
Race/Ethnicity	Non Minority Black (Not Hispanic) Hispanic Other Race
AGR	AGR 10 AGR 32
Residency	US, Puerto Rico, Virgin Islands, American Samoa Overseas

Note. * denotes stratification variable.

Sample Allocation

The 2008 PEV-U total sample size consisted of 25,013 active duty members, and 30,731 Reserve component members. Active duty members sample was determined based on precision requirements for key reporting domains. Of the 30,731 Reserve component members, there were 2,337 overseas individuals taken with certainty. The determination of the remaining 28,394 Reserve component members was based on precision requirements for key reporting domains.

Given estimated variable survey costs and anticipated eligibility and response rates, an optimization algorithm determined the minimum-cost allocation that simultaneously satisfied the domain precision requirements. Estimated eligibility and response rates for the 2008 PEV-U sample were based on the *November 2006 Status of Forces Survey of Active Duty Members* and on the *December 2006 Status of Forces Survey of Reserve Component Members* survey. The main reason for using these surveys for estimating eligibility and response rates is that both included Coast Guard members.

The allocation was accomplished by means of the DMDC Sample Planning Tool (SPT), Version 2.1 (Dever & Mason, 2003). This application is based on the method originally developed by J. R. Chromy (1987) and described in Mason, Wheelless, George, Dever, Riemer, and Elig (1995). The SPT defines domain variance equations in terms of unknown stratum sample sizes and user-specified precision constraints. A cost function is defined in terms of the unknown stratum sample sizes and the per-unit cost of data collection, editing, and processing. The variance equations are solved simultaneously, subject to the constraints imposed, for the sample size that minimizes the cost function. Eligibility rates modify the estimated prevalence rates used in the variance equations, thus affecting the allocation; response rates inflate the allocation, thus affecting the final sample size.

Although 87 active duty, and 49 Reserve component member domains were defined for the 2008 PEV-U allocation, precision constraints were imposed only on the domains of primary interest. Generally, the precision requirement was based on an estimated prevalence rate of 0.5 with a 95 percent confidence interval half-width no greater than 0.05. Constraints were manipulated to produce an allocation that achieved satisfactory precision for the domains of interest at an approximate sample size of 56,000.

Sample sizes by service component for the levels of the stratification dimensions for active duty members and Reserve component members are shown in Table 2 and Table 3, respectively. Table A-1 and Table A-2 show the sample allocation by strata for active duty members and Reserve component members respectively. Allocation solutions by reporting domains for active duty members and Reserve component members are given in Table B-1 and Table B-2 respectively. Unknowns are grouped with the largest category of the variable. For example, if the paygrade for enlisted member is unknown and the largest enlisted category in the paygrade variable is E4, then the unknown is added to E4.

Table 2.
Sample Size by Stratification Variables: Active Duty Members

Stratification Variable	Total	Army	Navy	Marine Corps	Air Force	Coast Guard
Total	25,013	10,412	4,806	3,520	5,008	1,267
Gender						
Male	21,199	8,859	4,081	3,319	3,845	1,095
Female	3,814	1,553	725	201	1,163	172
Paygrade Group						
E1-E3	6,320	2,827	1,275	1,410	667	141
E4	4,307	2,270	777	489	616	155
E5-E6	6,497	2,276	1,290	503	2,135	293
E7-E9	2,243	876	367	164	751	85
W1-W5	1,534	1,083	53	113	0	285
O1-O3	2,696	644	796	638	470	148
O4-O6	1,416	436	248	203	369	160
Race/Ethnicity						
Non-minority	16,455	6,541	2,721	2,634	3,592	967
Minority	8,558	3,871	2,085	886	1,416	300
Region Hierarchical Collapsed						
U.S. & U.S. Territories, Other	20,981	9,310	4,422	3,074	4,175	0
Europe	1,343	737	94	15	497	0
Asia & Pacific Islands	1,221	365	290	230	336	0
All Regions	1,468	0	0	201	0	1,267
Family Status						
Single with Child(ren)	1,521	771	258	77	335	80
Dual Service Spouse	1,822	557	256	122	771	116
Other family	21,670	9,084	4,292	3,321	3,902	1,071

Table 3.
Sample Size by Stratification Variables: Reserve Component Members

Stratification Variable	Total	Army National Guard	Army Reserve	Naval Reserve	Marine Corps	Air National Guard	Air Force Reserve	Coast Guard Reserve
Total	30,731	5,939	4,334	4,881	8,293	2,173	2,794	2,317
Activation Status								
Not active in prior 24 months	20,777	4,286	3,290	2,605	4,443	1,711	2,338	2,104
Active SOC in prior 24 months	5,123	695	493	1,798	1,395	78	58	63
De-activated in prior 23 months	4,831	955	551	478	1,915	384	39	150
Race/Ethnicity								
Non-Minority	18,998	3,256	1,775	3,040	5,700	1,636	1,898	1,693
Minority	11,733	2,683	2,559	1,841	2,593	537	896	624
Gender								
Male	24,536	4,624	3,223	3,884	7,332	1,722	1,891	1,860
Female	6,195	1,315	1,111	997	961	451	903	457
Paygrade Group								
E1-E3	8,556	1,753	1,178	694	4,463	190	160	118
E4/Enlisted Unknown	5,495	1,664	795	763	1,143	331	387	412
E5-E6	6,446	1,015	630	1,796	1,032	592	819	562
E7-E9	2,084	230	572	293	241	209	348	191
W1-W5	1,277	603	375	15	154	0	0	130
O1-O3/Officer Unknown	2,849	448	422	400	280	405	362	532
O4-O6	4,024	226	362	920	980	446	718	372
Selected Reserve Program								
TPU	25,381	5,249	3,402	4,245	6,959	1,591	1,618	2,317
AGR/TAR	2,068	319	328	622	474	236	89	0
Military Technicians	1,433	371	468	0	0	346	248	0
IMA	1,849	0	136	14	860	0	839	0

Weighting

Analytical weights for the 2008 PEV-U were created to account for varying response rates among population subgroups. First sampling weights were computed to account for selection probability as the inverse of the selection probabilities. After determining case dispositions, in the second step, the base weights are adjusted primarily for nonresponse. In this stage eligibility is also considered but it typically has a smaller impact than nonresponse. In the third step, the adjusted weights were poststratified to match population totals and to reduce bias unaccounted for by the previous weighting steps.

Case Dispositions

Case dispositions were assigned for weighting based on eligibility and completion of the survey. Execution of the weighting process and computation of response rates both depend on this classification.

Final case dispositions for weighting were determined using information from personnel records, field operations (the Survey Control System or SCS), and returned surveys. No single source of information is both complete and correct; inconsistencies among sources were resolved according to the order of precedence shown in Table 4.

Table 4.
Case Dispositions for Weighting

Case Disposition (Samp_DC)	Information Source	Conditions
1 Record ineligible	Personnel record	Sample ineligible—deceased or no address available in DEERS.
2 Ineligible by self- or proxy-report	Survey Control System (SCS)	“Retired,” “No longer employed by DoD,” or “Deceased.”
3 Ineligible by survey self report	Survey questionnaire	Active duty member retired or separated from military; Reservist no longer member of a Reserve Component. Either Active duty or Reserve respondent is not a US citizen or less than 18 years old.
4 Eligible, complete response	Item response rate	Item response is at least 50% for respondents that were registered voters. All respondents self-identified as “not registered” were eligible and complete for the survey.
5 Eligible, incomplete response	Item response rate	Survey isn’t blank but item response is less than 50%.
6 Unknown eligibility, complete response	Personnel record, first survey question, item response rate	Incomplete personnel record and first survey item is missing and item response is at least 50%.
7 Unknown eligibility, incomplete response	Personnel record, first survey question, and item response rate	Incomplete personnel record AND first survey question is missing AND return is not blank AND item response is less than 50%.
8 Active refusal	SCS	Reason refused is any.
		Reason ineligible is “other.”
		Reason survey is blank is “refused-too long,” “refused-inappropriate/intrusive,” “refused-other,” “ineligible-other,” “unreachable at this address,” “refused by current resident,” “concerned about security/confidentiality.”
9 Blank return	SCS	No reason given.
10 PND	SCS	Postal non-deliverable or original non-locatable.
11 Non-respondent	Remainder	Remainder

This order is critical to resolving case dispositions. For example, suppose a sample person refused the survey with the reason that it was too long; in the absence of any other information the disposition would be “eligible nonrespondent.” If a proxy report also indicated that this person had been hospitalized and was unable to complete the survey, the disposition would be “ineligible.” Final case dispositions for the 2008 PEV-U are shown in Table 5. The total number of eligible complete responses by service and location is given in Table 6.

Table 5.
Sample Case Disposition Counts

Case Disposition (Samp_DC)	Active Duty Members	Reserve Component Members
1 Record ineligible	567	945
Known Eligibility		
2 Ineligible by self- or proxy-report	29	17
3 Ineligible by survey self report	117	446
4 Eligible – complete response	7,669	7,326
5 Eligible – incomplete response	378	33
Unknown Eligibility		
6 Unknown eligibility, complete response	0	0
7 Unknown eligibility, incomplete response	0	0
8 Active refusal – refused, deployed, other	122	191
9 Blank return	166	126
10 PND – postal non-deliverable	2,358	1,718
11 Non-respondents	13,607	19,929
Total	25,013	30,731

Table 6.
Complete Eligible Respondents by Service and Location

Service	U.S./U.S. Territories	Overseas	Unknown	Total
Active Duty				
Army	2,050	319	134	2,503
Navy	1,313	156	0	1,469
Marine Corps	646	191	10	847
Air Force	1,812	330	0	2,142
Coast Guard	700	8	0	708
Total	6,521	1,004	144	7,669
Reserve Component				
Army National Guard	1,412	0	0	1,412
US Army Reserve	1,253	0	2	1,255
US Naval Reserve	787	365	5	1,157
US Marine Corps	837	3	65	905
Air National Guard	708	3	0	711
US Air Force Reserve	730	155	0	885
US Coast Guard Reserve	1,001	0	0	1,001
Total	6,728	526	72	7,326

Nonresponse Adjustments and Poststratification

After case dispositions were resolved, the sampling weights were adjusted for nonresponse. First, the sampling weights for cases of known eligibility (Samp_DC = 2, 3, 4, or 5) were adjusted to account for cases of unknown eligibility (Samp_DC = 8, 9, 10, or 11). Next, the eligibility-adjusted weights for eligible respondents (Samp_DC = 4) were adjusted to account for eligible sample members who had not returned a completed survey (Samp_DC = 5). Record ineligible (Samp_DC = 1; sample members determined to be ineligible by the DEERS PITE match before survey administration) were excluded from nonresponse adjustments.

Weighting adjustment factors for eligibility and completion were computed as the inverse of model-predicted probabilities. First, a logistic regression model was used to predict the probability of eligibility for the survey (known eligibility versus unknown eligibility). A second logistic regression model was used to predict the probability of response among eligible sample members (complete response versus incomplete). Chi-squared Automatic Interaction Detector (CHAID) was used to determine the best predictors for each logistic model. Both logistic models were weighted. The first model was weighted by the sampling weight, and the second model was weighted by the eligibility-adjusted weight.

Finally, the weights were poststratified to match population totals and to reduce bias unaccounted for by the previous weighting adjustments. For active duty members, poststratification cells were defined by the cross-classification of service branch, education, and Tempo. Poststratification cells for Reserve component members were defined by the cross-classification of activation status, service branch, and education. Within each poststratification cell, the nonresponse-adjusted weights for eligible respondents (Samp_DC = 4) and self-reported ineligibles (Samp_DC = 2, 3) were adjusted to match population counts. Final weights for Record ineligibles (Samp_DC = 1) were set to zero. Distributions of the sampling weights, intermediate weights, final weights, and adjustment factors by eligibility status are shown in Table 7. The sum of weights by eligibility status are presented in Table 8.

Table 7.
Distribution of Weights and Adjustment Factors by Eligibility Status

Eligibility Status	Statistic	Sampling Weight	Eligibility Status Adjusted Weight	Complete Eligible Response Adjusted Weight	Final Weight With Nonresponse and Post-stratification Factors	Eligibility Status Factor	Complete Eligible Response Factor	Post-stratification Factor
Active Duty Members								
Eligible Respondents	N	7,669	7,669	7,669	7,669	7,669	7,669	7,669
	MIN	7.48	9.94	10.24	7.99	1.29	1.02	0.51
	MAX	124.21	953.18	1,090.31	1,137.63	11.90	1.14	1.89
	MEAN	54.27	159.00	169.74	173.65	2.89	1.05	1.00
	STD	24.52	123.17	137.69	148.12	2.14	0.03	0.16
	CV	0.45	0.77	0.81	0.85	0.74	0.03	0.16
Self/Proxy Ineligibles	N	146	146	146	146	146	0	146
	MIN	11.80	15.67	15.67	11.54	1.33		0.58
	MAX	96.56	589.70	589.70	640.56	11.90		1.56
	MEAN	53.64	189.37	189.37	199.54	3.75		1.00
	STD	24.66	135.47	135.47	153.68	3.24		0.18
	CV	0.46	0.72	0.72	0.77	0.86		0.18
Non-Respondents	N	16,631	16,631	16,631	16,631	16,631	378	0.00
	MIN	7.48	0.00	0.00	0.00	0.00	0.00	
	MAX	124.21	793.76	0.00	0.00	11.90	0.00	
	MEAN	54.44	4.95	0.00	0.00	0.09	0.00	
	STD	19.79	40.10	0.00	0.00	0.77	0.00	
	CV	0.36	8.09			8.23		
Record Ineligibles	N	567	567	567	567	0.00	0.00	0.00
	MIN	11.69	11.69	11.69	0.00			
	MAX	124.21	124.21	124.21	0.00			
	MEAN	55.38	55.38	55.38	0.00			
	STD	20.39	20.39	20.39	0.00			
	CV	0.37	0.37	0.37				

Table 7. (continued)

EligFlgW	Statistic	Sampling Weight	Eligibility Status Adjusted Weight	Complete Eligible Response Adjusted Weight	Final Weight With Nonresponse and Post-stratification Factors	Eligibility Status Factor	Complete Eligible Response Factor	Post-stratification Factor
Reserve Component Members								
Eligible Respondents	N	7,326	7,326	7,326	7,326	7,326	7,326	7,326
	MIN	1.00	1.84	1.85	1.44	1.70	1.00	0.56
	MAX	410.93	1191.65	1197.45	1391.67	14.36	1.00	1.39
	MEAN	30.45	99.26	99.74	102.35	3.54	1.00	1.01
	STD	43.62	146.16	146.87	154.86	2.60	0.00	0.13
	CV	1.43	1.47	1.47	1.51	0.73	0.00	0.13
Self/Proxy Ineligibles	N	463	463	463	463	463	0.00	463
	MIN	1.00	1.84	1.84	1.71	1.70		0.56
	MAX	259.11	1191.65	1191.65	1384.94	14.36		1.30
	MEAN	30.07	122.26	122.26	128.20	4.60		1.03
	STD	37.84	160.86	160.86	175.79	3.16		0.13
	CV	1.26	1.32	1.32	1.37	0.69		0.13
Non-Respondents	N	21,997	21,997	21,997	21,997	21,997	33	0.00
	MIN	1.00	0.00	0.00	0.00	0.00	0.00	
	MAX	410.93	604.02	0.00	0.00	14.36	0.00	
	MEAN	25.02	0.16	0.00	0.00	0.01	0.00	
	STD	34.80	7.42	0.00	0.00	0.20	0.00	
	CV	1.39	46.45			32.36		
Record ineligibles	N	945	945	945	945	0.00	0.00	0.00
	MIN	1.00	1.00	1.00	0.00			
	MAX	331.44	331.44	331.44	0.00			
	MEAN	23.12	23.12	23.12	0.00			
	STD	32.43	32.43	32.43	0.00			
	CV	1.40	1.40	1.40				

Table 8.
Sum of Weights by Eligibility Status

Eligibility Category	Sum of Sampling weights	Sum of Eligibility Status Adjusted Weights	Sum of Complete Eligible Response Adjusted Weights	Sum of Final Weights With Nonresponse and Poststratification Adjustments
Active Duty Members				
Total	416,223	1,219,381	1,301,769	1,331,685
Eligible Respondents	7,832	27,649	27,649	29,133
Self-Report/Proxy Ineligibles	905,364	82,388	0	0
Nonrespondents	31,399	31,399	31,399	0
Total	1,360,818	1,360,817	1,360,817	1,360,818
Reserve Component Members				
Total	223,087	727,169	730,706	749,804
Eligible Respondents	13,922	56,606	56,606	59,355
Self-Report/Proxy Ineligibles	550,303	3,537	0	0
Nonrespondents	21,847	21,847	21,847	0
Total	809,159	809,159	809,159	809,159

Variance Estimation

Analysis of the 2008 PEV-U data requires a variance estimation procedure that accounts for the complex sample design. The final step of the weighting process was to define strata for variance estimation by Taylor series linearization. The 2008 PEV-U variance estimation strata correspond closely to the design strata; however, it was necessary to collapse some sampling strata containing fewer than 25 cases with nonzero final weights into similar strata. A total of 252 (90 active duty, and 162 Reserve components) variance estimation strata were defined for the 2008 PEV-U.

Location, Completion, and Response Rates

Location, completion, and response rates were calculated in accordance with guidelines established by the Council of American Survey Research Organizations (CASRO). The procedure is based on recommendations for Sample Type II response rates (CASRO, 1982). This definition corresponds to The American Association for Public Opinion Research (AAPOR) RR3 (AAPOR, 2008), which estimates the proportion of eligibles among cases of unknown eligibility.

Location, completion, and response rates were computed for the SOFR0802 as follows:

The location rate (LR) is defined as

$$LR = \frac{\text{adjusted located sample}}{\text{adjusted eligible sample}} = \frac{N_L}{N_E}$$

The completion rate (CR) is defined as

$$CR = \frac{\text{usable responses}}{\text{adjusted located sample}} = \frac{N_R}{N_L}$$

The response rate (RR) is defined as

$$RR = \frac{\text{usable responses}}{\text{adjusted eligible sample}} = \frac{N_R}{N_E}$$

where

- N_L = Adjusted located sample
- N_E = Adjusted eligible sample
- N_R = Usable responses.

To identify the cases that contribute to the components of LR, CR, and RR, the disposition codes were grouped as shown in Table 9. Record ineligible were excluded from calculation of the eligibility rate.

Table 9.
Disposition Codes for CASRO Response Rates

Response Category	SAMP_DC Values
Eligible Sample	4, 5, 8, 9, 10, 11
Located Sample	4, 5, 8, 9, 11
Eligible Response	4
No Return	11
Eligibility Determined	2, 3, 4, 5, 8, 9
Self-Reported Ineligible	2, 3

Ineligibility Rate

The ineligibility rate (IR) is defined as

$$IR = \frac{\text{self - reported ineligible cases}}{\text{eligible determined cases}}$$

Estimated Ineligible Postal Non-Deliverable/Not Located Rate

The estimated ineligible postal non-deliverable not located rate (IPNDR) is defined as

$$IPNDR = (Eligible Sample - Located Sample) * IR.$$

Estimated Ineligible Nonresponse

The estimated ineligible nonresponse (EINR) is defined as

$$EINR = (Not returned) * IR.$$

Adjusted Location Rate

The adjusted location rate (ALR) is defined as

$$ALR = \frac{(Located Sample - EINR)}{(Eligible Sample - IPNDR - EINR)}.$$

Adjusted Completion Rate

The adjusted completion rate (ACR) is defined as

$$ACR = \frac{(Eligible response)}{(Located Sample - EINR)}.$$

Adjusted Response Rate

The adjusted response rate (ARR) is defined as

$$ARR = \frac{(Eligible response)}{(Eligible Sample - IPNDR - EINR)}.$$

Unweighted and weighted sample counts used to compute the overall response rates are shown in Table 10; weighted rates were computed using the sampling weights. The final response rate is the product of the location rate and the completion rate. Both weighted and unweighted location, completion, and response rates for the *the 2008 PEV-U* survey are shown in Table 11. The final sample counts, usable response counts, sums of weights, eligibility adjusted rates, weighted location, weighted completion, and weighted response rates are shown in Table 12.

Table 10.
Comparison of the Final Sample Relative to the Drawn Sample

Case Disposition Categories	Active Duty				Reserve Components			
	Sample Counts		Weighted Estimates		Sample Counts		Weighted Estimates	
	n	%	n	%	n	%	n	%
Drawn sample and population	25,013		1,360,818		30,731		809,159	
Total: Ineligible	-713	2.85%	-39,231	2.88%	-945	3.08%	-21,847	2.70%
Ineligible on master files	-567	2.27%	-31,399	2.31%	-463	1.51%	-13,922	1.72%
Self-reported ineligible	-146	0.58%	-7,832	0.58%	-1,408	4.58%	-35,769	4.42%
Eligible sample	24,300	97.15%	1,321,587	97.12%	29,323	95.42%	773,390	95.58%
Total: Not located ^a	-2,358	9.43%	-122,958	9.04%	-1,718	5.59%	-22,413	2.77%
Not located (est. ineligible)	-41		-2,094		-98	0.32%	-1268	0.16%
Not located (est. eligible)	-2,317		-120,864		-1,620	5.27%	-21,145	2.61%
Located sample	21,942	87.72%	1,198,629	88.08%	27,605	89.83%	750,977	92.81%
Total: Nonresponse	-14,273	57.06%	-782,407	57.50%	-20,279	65.99%	-527,890	65.24%
Requested removal from mailings	-122		-6,474		-191	0.62%	-5,090	0.63%
Returned blank	-166		-8,827		-126	0.41%	-3,162	0.39%
Skipped key questions	-378		-20,518		-33	0.11%	-889	0.11%
Did not return survey (est. ineligible)	-234		-12,714		-1134	3.69%	-29,340	3.63%
Did not return survey (est. eligible)	-13,373		-733,873		-18,795	61.16%	-489,409	60.48%
Usable responses from sample	7,669	30.66%	416,223	30.59%	7,326	23.84%	223,087	27.57%

Note. The observed counts of the various response categories are somewhat skewed by the oversampling employed in the sample design. Consequently, weighted counts are also provided because they are more representative of response propensity in the entire population.

^a The categories labeled “Not located ” and “Did not return a survey ” have been broken down into additional subcategories labeled “(estimated ineligible)” and “(estimated eligible).” The ineligible counts are based on an ineligible rate = Self-report ineligible/(Eligible Respondents + Unusable responses + Self-reported ineligibles). Unusable responses include sample members who requested removal, returned blank surveys, or skipped key questions. The eligible counts are the complement of the ineligible count.

Table 11.
Eligible Sample Location Rates, Response Rates, and Completion Rates

Type of Rate	Computation	Active Duty		Reserve Components	
		Observed Rates	Weighted Rates	Observed Rates	Weighted Rates
Location	Adjusted located sample/Adjusted eligible sample	90.4%	90.8%	94.2%	97.2%
Completion	Usable responses/Adjusted located sample	35.3%	35.1%	27.7%	30.9%
Response	Usable responses/Adjusted eligible sample	31.9%	31.9%	26.1%	30.0%

Table 12.
Rates for Full Sample and Stratification Level

Domain	Label	Sample	Usable Responses	Sum of Weights	Eligible Adjusted Responses	Location Rate	Completion Rate	Response Rate
Active Duty Members								
Sample	Sample	25,013	7,669	1,360,818	31.90 ± 0.59	90.75%	35.10%	31.85%
Service	Army	10,412	2,503	511,006	26.23 ± 0.87	88.60%	29.52%	26.15%
	Navy	4,806	1,469	310,446	32.50 ± 1.32	89.67%	36.20%	32.46%
	Marine Corps	3,520	847	180,965	23.10 ± 1.44	87.24%	26.45%	23.07%
	Air Force	5,008	2,142	317,807	42.88 ± 1.40	96.71%	44.31%	42.85%
	Coast Guard	1,267	708	40,594	51.65 ± 3.11	95.02%	54.32%	51.61%
Pay Group	E1-E3	6,320	702	324,959	14.33 ± 0.95	82.11%	17.38%	14.27%
	E4	4,307	744	255,527	18.81 ± 1.19	87.92%	21.33%	18.75%
	E5-E6	6,497	2,280	419,155	35.63 ± 1.19	93.82%	37.94%	35.59%
	E7-E9	2,243	1,151	135,692	54.23 ± 2.14	97.18%	55.71%	54.14%
	W1-W5	1,534	798	21,358	53.72 ± 2.54	97.34%	55.12%	53.65%
	O1-O3	2,696	1,179	120,229	45.65 ± 2.21	95.45%	47.79%	45.62%
	O4-O6	1,416	815	83,898	59.17 ± 2.81	98.55%	60.00%	59.14%
Gender	Male	21,199	6,347	1,168,684	31.46 ± 0.64	90.50%	34.71%	31.41%
	Female	3,814	1,322	192,134	34.57 ± 1.52	92.26%	37.42%	34.52%
Race/ Ethnicity	Nonminority	16,455	5,327	916,260	33.56 ± 0.74	91.16%	36.77%	33.52%
	Minority	8,558	2,342	444,558	28.48 ± 0.98	89.91%	31.59%	28.41%
Region	US & US territories	20,981	6,037	1,161,052	31.09 ± 0.64	90.36%	34.35%	31.04%
	Europe	1,343	447	76,027	32.09 ± 2.58	96.68%	33.17%	32.06%
	Asia & Pacific Islands	1,221	413	72,000	33.31 ± 2.76	88.25%	37.72%	33.29%
	Other	1,468	772	51,739	47.59 ± 2.83	94.33%	50.41%	47.55%
Family Status	Single with Child(ren)	1,521	459	74,007	30.67 ± 2.44	91.07%	33.61%	30.60%
	Dual Service Spouse	1,822	675	90,368	36.02 ± 2.32	95.50%	37.68%	35.99%
	Other Family	21,670	6,535	1,196,442	31.66 ± 0.64	90.37%	34.98%	31.61%

Table 12. (continued)

Domain	Label	Sample	Usable Responses	Sum of Weights	Eligible Adjusted Responses	Location Rate	Completion Rate	Response Rate
Reserve Component Members								
Sample	Sample	30,731	7,326	809,159	29.122 ± 0.867	97.2%	29.9%	29.1%
Activation Status	Not active in prior 24 month	20,777	5,376	608,051	28.582 ± 0.974	97.2%	29.3%	28.5%
	Active SOC in prior 24 month	5,123	888	76,164	27.707 ± 3.051	96.0%	28.8%	27.6%
	De-activated in prior 23 month	4,831	1,062	124,944	32.602 ± 2.360	97.7%	33.4%	32.6%
Organization	Army National Guard	5,939	1,412	346,584	25.981 ± 1.522	97.2%	26.7%	25.9%
	US Army Reserve	4,334	1,255	185,578	31.472 ± 1.783	97.3%	32.3%	31.4%
	US Naval Reserve	4,881	1,157	65,696	32.948 ± 1.820	93.5%	35.1%	32.8%
	US Marine Corps Reserve	8,293	905	36,139	11.700 ± 0.816	95.0%	12.3%	11.6%
	Air National Guard	2,173	711	100,898	35.575 ± 2.541	98.7%	36.0%	35.6%
	US Air Force Reserve	2,794	885	66,535	33.430 ± 2.145	98.7%	33.8%	33.4%
	Coast Guard Reserve	2,317	1,001	7,729	39.278 ± 2.119	98.6%	39.8%	39.2%
Program	TPU	25,381	5,321	667,511	25.154 ± 0.874	96.9%	25.9%	25.1%
	AGR 10	1,594	488	34,668	46.756 ± 4.610	96.0%	48.4%	46.5%
	AGR 32	474	259	35,071	55.275 ± 7.306	99.9%	55.3%	55.3%
	Military Technicians	1,433	662	56,301	44.978 ± 4.216	98.9%	45.5%	45.0%
	IMA	1,849	596	15,607	40.372 ± 4.151	96.4%	41.8%	40.3%
Pay Group	E1-E3	8,556	769	163,966	12.077 ± 1.130	95.4%	12.5%	12.0%
	E4	5,495	696	168,728	15.675 ± 1.430	96.6%	16.2%	15.6%
	E5-E6	6,446	1,531	258,415	30.326 ± 1.812	97.6%	31.0%	30.3%
	E7-E9	2,084	901	99,698	52.246 ± 3.759	98.6%	52.9%	52.2%
	W1-W5	1,277	629	10,206	51.691 ± 3.123	99.0%	52.2%	51.6%
	O1-O3	2,849	1,065	46,006	40.306 ± 2.584	97.9%	41.1%	40.3%
	O4-O6	4,024	1,735	62,140	55.027 ± 2.364	98.1%	56.1%	55.0%
Race /Ethnicity	Non-minority	18,998	5,022	588,211	31.058 ± 1.119	97.6%	31.8%	31.0%
	Minority	11,733	2,304	220,948	23.971 ± 1.101	96.1%	24.9%	23.9%
Gender	Male	24,536	5,818	666,150	29.487 ± 0.993	97.3%	30.3%	29.4%
	Female	6,195	1,508	143,009	27.415 ± 1.631	96.6%	28.3%	27.4%

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Appendix A.
Sample Allocation

Table A-1.
Sample Allocation by Strata: Active Duty Members

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
6,0378	153	2,911	4.82	001 Army_E1-E3_Male_NonMin_US&T&Ot_AllFamily
6,799	26	213	3.13	002 Army_E1-E3_Male_NonMin_OverSeas_AllFamily
1,233	4	50	4.06	003 Army_E1-E3_Male_Minori_US&T&Ot_Sing+Child
22,377	55	1,117	4.99	004 Army_E1-E3_Male_Minori_US&T&Ot_NotSingCh
1,499	6	49	3.27	005 Army_E1-E3_Male_Minori_Europe_AllFamily
1,572	6	50	3.18	006 Army_E1-E3_Male_Minori_AsiaPI_AllFamily
13,288	55	397	2.99	007 Army_E1-E4_Female_NonMin_AllReg_NotDualSp
2,240	11	60	2.68	008 Army_E1-E4_Female_NonMin_AllRegn_DualSp
6,396	22	240	3.75	009 Army_E1-E3_Female_Minori_US&T&Ot_AllFam
1,003	5	29	2.89	010 Army_E1-E3_Female_Minori_OverSea_AllFamily
3,183	12	111	3.49	011 Army_E4_Male_NonMin_US&T&Ot_Sing+Child
59,794	220	1,966	3.29	012 Army_E4_Male_NonMin_US&T&Ot_NotSingWK
6,311	27	180	2.85	013 Army_E4_Male_NonMin_Europe_AllFamily
1,735	8	49	2.82	014 Army_E4_Male_NonMin_AsiaPI_AllFamily
1,976	7	71	3.59	015 Army_E4_Male_Minori_US&T&Ot_Sing+Child
25,923	92	879	3.39	016 Army_E4_Male_Minori_US&T&Ot_NotSingWK
2,968	13	87	2.93	017 Army_E4_Male_Minori_Europe_AllFamily
1,086	5	31	2.85	018 Army_E4_Male_Minori_AsiaPI_AllFamily
7,622	32	228	2.99	019 Army_E4_Female_Minori_US&T&Ot_AllFamily
1,009	5	27	2.68	020 Army_E4_Female_Minori_OverSea_AllFamily
3,921	21	94	2.40	021 Army_E5-E6_Male_NonMin_US&TOt_Sing+Chld
64,712	403	1,235	1.91	022 Army_E5-E6_Male_NonMin_US&TOt_OtherFam
1,935	10	45	2.33	023 Army_E5-E6_Male_NonMin_US&T&Ot_DualSp
6,255	39	125	2.00	024 Army_E5-E6_Male_NonMin_Europe_AllFamily
2,055	13	42	2.04	025 Army_E5-E6_Male_NonMin_AsiaPI_AllFamily
3,578	18	94	2.63	026 Army_E5-E6_Male_Minori_US&TOt_Sing+Child
35,640	197	768	2.15	027 Army_E5-E6_Male_Minori_US&TOt_OtherFam
2,279	11	59	2.59	028 Army_E5-E6_Male_Minori_US&TOt_DualSVCS
4,454	25	100	2.25	029 Army_E5-E6_Male_Minori_Europe_AllFamily
1,781	10	38	2.13	030 Army_E5-E6_Male_Minori_AsiaPI_AllFamily
4,231	28	81	1.91	031 Army_E5-E6_Female_NonMin_US&TOt_NotDuSp
1,384	9	31	2.24	032 Army_E5-E6_Female_NonMin_US&T&Ot_DualSp
1,002	6	20	2.00	033 Army_E5~E9_Female_NonMin_OverSea_AllFam

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
2,867	15	66	2.30	034 Army_E5-E6_Femal_Minori_US&TOt_Sing+Child
5,101	29	109	2.14	035 Army_E5-E6_Female_Minori_US&TOt_OtherFam
2,269	12	53	2.34	036 Army_E5-E6_Female_Minori_US&T&Ot_DualSp
1,584	9	36	2.27	037 Army_E5~E9_Female_Minor_OverSea_NotDualSp
478	3	15	3.14	038 Army_E5~E9_Female_Minori_OverSea_DualSp
25,395	213	368	1.45	039 Army_E7-E9_Male_NonMin_US&T&Ot_AllFamily
2,353	20	36	1.53	040 Army_E7-E9_Male_NonMin_OverSea_AllFamily
17,828	133	290	1.63	041 Army_E7-E9_Male_Minori_US&T&Ot_AllFamily
1,569	12	27	1.72	042 Army_E7-E9_Male_Minori_Europe_AllFamily
733	6	14	1.91	043 Army_E7-E9_Male_Minori_AsiaPI_AllFamily
1,516	12	24	1.58	044 Army_E7-E9_Female_NonMin_US&TOt_AllFam
3,619	23	73	2.02	045 Army_E7-E9_Female_Minori_US&T&Ot_AllFam
8,835	109	241	2.73	046 Army_W1-W5_Male_NonMin_US&TOt_AllFam
707	9	21	2.97	047 Army_W1-W5_Male_NonMin_Europe_AllFamily
372	5	12	3.23	048 Army_W1-W5_Male_NonMin_AsiaPI_AllFamily
2,698	32	79	2.93	049 Army_W1-W5_Male_Minori_US&T&Ot_AllFam
456	6	15	3.29	050 Army_W1-W5_Male_Minori_OverSea_AllFamily
5,680	77	141	2.48	051 Army_W1O6_Femal_NonMin_US&TOt_NotDual
1,442	19	38	2.64	052 Army_W1O6_Femal_NonMin_US&T&Ot_DualSp
813	11	20	2.46	053 Army_W1~O6_Female_NonMin_OverSea_AllFami
3,545	42	102	2.88	054 Army_W1~O6_Female_Minori_US&T&Ot_NotDu
804	9	25	3.11	055 Army_W1~O6_Female_Minori_US&T&Ot_DualSp
546	7	17	3.11	056 Army_W1~O6_Female_Minori_OverSea_AllFam
22,810	274	626	2.74	057 Army_O1-O3_Male_NonMin_US&T&Ot_NotDual
645	8	20	3.10	058 Army_O1-O3_Male_NonMin_US&T&Ot_DualSp
1,689	22	44	2.61	059 Army_O1-O3_Male_NonMin_Europe_AllFamily
565	8	16	2.83	060 Army_O1-O3_Male_NonMin_AsiaPI_AllFamily
6,250	72	183	2.93	061 Army_O1-O3_Male_Minori_US&T&Ot_AllFam
774	10	23	2.97	062 Army_O1-O3_Male_Minori_OverSea_AllFamily
18,456	273	408	2.21	063 Army_O4-O6_Male_NonMin_US&T&Ot_NotDual
593	8	15	2.53	064 Army_O4-O6_Male_NonMin_US&T&Ot_DualSp
1,493	22	35	2.34	065 Army_O4-O6_Male_NonMin_Europe_AllFamily
494	7	11	2.23	066 Army_O4-O6_Male_NonMin_AsiaPI_AllFamily
3,965	53	98	2.47	067 Army_O4-O6_Male_Minori_US&T&Ot_AllFamily
443	6	12	2.71	068 Army_O4-O6_Male_Minori_OverSea_AllFamily
641	3	18	2.81	069 Navy_E1~E4_Male_NonMin_US&T&Ot_Sing+Ch

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
47,563	179	1,527	3.21	070 Navy_E1~E4_Male_NonMin_US&TOt_NotSingW
3,962	20	98	2.47	071 Navy_E1~E4_Male_NonMin_OverSea_AllFamily
543	3	22	4.05	072 Navy_E1-E3_Male_Minori_US&T&Ot_SingChild
27,427	92	984	3.59	073 Navy_E1-E3_Male_Minori_US&T&Ot_NotSingW
2,649	13	66	2.49	074 Navy_E1-E3_Male_Minori_OverSea_AllFamily
8,578	40	223	2.60	075 Navy_E1~E4_Female_NonMin_AllRegn_AllFam
7,892	35	221	2.80	076 Navy_E1-E3_Female_Minori_US&T&Ot_AllFam
1,064	6	25	2.35	077 Navy_E1~E4_Female_Minori_OverSea_AllFamily
558	3	17	3.05	078 Navy_E4_Male_Minori_US&T&Ot_Sing+Child
15,584	69	429	2.75	079 Navy_E4_Male_Minori_US&T&Ot_NotSingWK
1,812	10	43	2.37	080 Navy_E4_Male_Minori_OverSea_AllFamily
576	3	14	2.43	081 Navy_E4_Female_Minori_US&T&Ot_Sing+Child
3,375	16	90	2.67	082 Navy_E4_Female_Minori_US&T&Ot_NotSingWK
2,422	15	47	1.94	083 Navy_E5-E6_Male_NonMin_US&T&Ot_Sing+Chd
46,348	317	805	1.74	084 Navy_E5-E6_Male_NonMin_US&T&Ot_OtherFam
1,664	11	35	2.10	085 Navy_E5-E6_Male_NonMin_US&T&Ot_DualSp
1,601	13	27	1.69	086 Navy_E5~E9_Male_NonMin_Europe_AllFamily
3,716	26	64	1.72	087 Navy_E5~E9_Male_NonMin_AsiaPI_AllFamily
2,692	16	57	2.12	088 Navy_E5-E6_Male_Minori_US&T&Ot_SingChild
31,441	197	600	1.91	089 Navy_E5-E6_Male_Minori_US&T&Ot_NotSingWK
1,109	8	21	1.89	090 Navy_E5~E9_Male_Minori_Europe_AllFamily
3,890	26	73	1.88	091 Navy_E5~E9_Male_Minori_AsiaPI_AllFamily
1,045	7	20	1.91	092 Navy_E5~E9_Female_NonMin_AllRegn_SingChild
4,395	30	82	1.87	093 Navy_E5~E9_Female_NonMin_AllRegn_OtherFam
1,699	12	33	1.94	094 Navy_E5~E9_Female_NonMin_AllRegn_DualSp
2,410	14	51	2.12	095 Navy_E5~E9_Female_Minori_AllRegn_Sing+Child
5,051	30	105	2.08	096 Navy_E5~E9_Female_Minori_AllRegn_OtherFam
2,142	13	47	2.19	097 Navy_E5~E9_Female_Minori_AllRegn_DualSVCS
965	8	15	1.55	098 Navy_E7-E9_Male_NonMin_US&TOt_Sing+Child
16,958	149	233	1.37	099 Navy_E7-E9_Male_NonMin_US&TOt_NotSingWK
8,650	70	130	1.50	100 Navy_E7-E9_Male_Minori_US&T&Ot_AllFamily
396	8	19	4.80	101 Navy_W1~O3_Male_NonMin_US&TOt_SingChild
18,933	392	826	4.36	102 Navy_W1~O3_Male_NonMin_US&TOt_NotSingCh
362	9	16	4.42	103 Navy_W1~O3_Male_NonMin_Europe__AllFamily

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
885	19	37	4.18	104 Navy_W1~O3_Male_NonMin_AsiaPI_AllFamily
224	5	13	5.80	105 Navy_W1~O3_Male_Minori_US&TOt_Sing+Child
4,587	90	214	4.67	106 Navy_W1~O3_Male_Minori_US&TOt_NotSingCh
451	10	21	4.66	107 Navy_W1~O3_Male_Minori_OverSea_AllFamily
4,950	99	233	4.71	108 Navy_W1~O6_Female_NonMin_US&TOt_AllFam
398	8	20	5.03	109 Navy_W1~O6_Female_NonMin_OverSea_AllFam
1,720	32	86	5.00	110 Navy_W1~O6_Female_Minori_US&T&Ot_AllFam
168	3	9	5.36	111 Navy_W1~O6_Female_Minori_OverSea_AllFamily
342	8	14	4.09	112 Navy_O4-O6_Male_NonMin_US&TOt_Sing+Child
12,830	307	489	3.81	113 Navy_O4-O6_Male_NonMin_US&TOt_NotSingCh
624	15	25	4.01	114 Navy_O4-O6_Male_NonMin_Europe_AllFamily
589	14	24	4.07	115 Navy_O4-O6_Male_NonMin_AsiaPI_AllFamily
2,565	58	106	4.13	116 Navy_O4-O6_Male_Minori_AllRegn_AllFamily
50,546	143	2,177	4.31	117 USMC_E1-E3_Male_NonMin_US&TOt_AllFamily
3,602	16	107	2.97	118 USMC_E1-E3_Male_NonMin_OverSea_AllFamily
12,597	36	546	4.33	119 USMC_E1-E3_Male_Minori_US&T&Ot_AllFamily
2,403	11	65	2.70	120 USMC_E1~E4_Male_Minori_OverSea_AllFamily
2,948	13	83	2.82	121 USMC_E1-E3_Female_NonMin_AllRegn_AllFam
1,428	7	44	3.08	122 USMC_E1-E3_Female_Minori_AllRegn_AllFamily
21,890	90	650	2.97	123 USMC_E4_Male_NonMin_US&T&Ot_AllFamily
1,984	10	51	2.57	124 USMC_E4_Male_NonMin_OverSea_AllFamily
6,787	28	203	2.99	125 USMC_E4_Male_Minori_US&T&Ot_AllFamily
1,521	8	36	2.37	126 USMC_E4_Female_NonMin_AllRegn_AllFamily
903	5	23	2.55	127 USMC_E4_Female_Minori_AllRegn_AllFamily
23,998	140	496	2.07	128 USMC_E5-E6_Male_NonMin_US&T&Ot_AllFam
2,350	15	45	1.91	129 USMC_E5-E9_Male_NonMin_OverSea_AllFamily
12,494	64	294	2.35	130 USMC_E5-E6_Male_Minori_US&T&Ot_AllFamily
1,692	10	35	2.07	131 USMC_E5-E9_Male_Minori_OverSea_AllFamily
1,610	11	33	2.05	132 USMC_E5-E9_Female_NonMin_AllRegn_AllFam
1,626	9	37	2.28	133 USMC_E5-E9_Female_Minori_AllRegn_AllFamily
6,979	56	109	1.56	134 USMC_E7-E9_Male_NonMin_US&TOt_AllFamily
4,156	30	70	1.68	135 USMC_E7-E9_Male_Minori_US&T&Ot_AllFamily

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
9,566	481	1267	13.24	136 USMC_W1~O3_Male_NonMin_US&TOt_AllFam
651	34	85	13.06	137 USMC_W1~O3_Male_NonMin_OverSea_AllFam
2,228	107	312	14.00	138 USMC_W1~O3_Male_Minori_AllRegn_AllFamily
1,109	59	141	12.71	139 USMC_W1~O6_Female_AllRac_AllRegn_AllFam
4,581	278	512	11.18	140 USMC_O4-O6_Male_NonMin_US&TOt_AllFam
489	29	57	11.66	141 USMC_O4-O6_Male_NonMin_OverSea_AllFamily
827	49	93	11.25	142 USMC_O4-O6_Male_Minori_AllRegn_AllFamily
32,305	157	803	2.49	143 USAF_E1-E3_Male_NonMin_US&T&Ot_AllFam
5,324	34	100	1.88	144 USAF_E1-E3_Male_NonMin_OverSea_AllFamily
9,170	44	234	2.55	145 USAF_E1-E3_Male_Minori_US&T&Ot_AllFamily
1,739	12	33	1.90	146 USAF_E1-E3_Male_Minori_OverSea_AllFamily
6,489	38	139	2.14	147 USAF_E1-E3_Femal_NonMin_UStOt_NotDualSp
1,359	9	25	1.84	148 USAF_E1-E3_Female_NonMin_US&TOt_DualSp
1,187	9	23	1.94	149 USAF_E1-E3_Female_NonMin_OverSea_AllFam
3,832	21	88	2.30	150 USAF_E1-E3_Female_Minori_US&T&Ot_AllFam
1,332	9	29	2.18	151 USAF_E1-E4_Female_Minori_OverSea_AllFamily
21,212	119	452	2.13	152 USAF_E4_Male_NonMin_US&T&Ot_NotDualSP
1,858	10	45	2.42	153 USAF_E4_Male_NonMin_US&T&Ot_DualSVCS
2,938	19	58	1.97	154 USAF_E4_Male_NonMin_Europe_AllFamily
2,231	15	43	1.93	155 USAF_E4_Male_NonMin_AsiaPI_AllFamily
7,176	39	164	2.29	156 USAF_E4_Male_Minori_US&T&Ot_AllFamily
2,216	14	44	1.99	157 USAF_E4_Male_Minori_OverSea_AllFamily
3,432	19	77	2.24	158 USAF_E4_Female_NonMin_US&TOt_NotDualSP
1,704	10	38	2.23	159 USAF_E4_Female_NonMin_US&T&Ot_DualSp
1,007	6	21	2.09	160 USAF_E4_Female_NonMin_OverSea_AllFamily
2,782	15	68	2.44	161 USAF_E4_Female_Minori_US&T&Ot_AllFamily
2,825	18	58	2.05	162 USAF_E5-E6_Male_NonMin_US&T&Ot_Sing+Ch
44,121	325	709	1.61	163 USAF_E5-E6_Male_NonMin_US&TOt_OtherFam
5,638	35	113	2.00	164 USAF_E5-E6_Male_NonMin_US&T&Ot_DualSp
7,076	50	119	1.68	165 USAF_E5-E6_Male_NonMin_Europe_AllFamily
4,431	32	74	1.67	166 USAF_E5-E6_Male_NonMin_AsiaPI_AllFamily
1,499	9	35	2.33	167 USAF_E5-E6_Male_Minori_US&T&Ot_Sing+Chd
14,076	95	251	1.78	168 USAF_E5-E6_Male_Minori_US&TOt_OtherFam
2,742	16	60	2.19	169 USAF_E5-E6_Male_Minori_US&T&Ot_DualSp
2,868	19	53	1.85	170 USAF_E5-E6_Male_Minori_Europe_AllFamily
2,632	18	49	1.86	171 USAF_E5-E6_Male_Minori_AsiaPI_AllFamily
1,072	8	20	1.87	172 USAF_E7-E9_Male_NonMin_US&T&Ot_Sing+Ch
15,426	131	229	1.48	173 USAF_E7-E9_Male_NonMin_US&TOt_OtherFam

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
1,494	12	28	1.87	174 USAF_E7-E9_Male_NonMin_US&TOt_DualSVCS
3,937	31	62	1.57	175 USAF_E7-E9_Male_NonMin_OverSea_AllFamily
5,588	40	96	1.72	176 USAF_E7-E9_Male_Minori_US&T&Ot_AllFamily
1,569	11	29	1.85	177 USAF_E7-E9_Male_Minori_OverSea_AllFamily
1,705	11	37	2.17	178 USAF_E5-E9_Femal_NonMin_US&TOt_Sing+Ch
5,809	41	101	1.74	179 USAF_E5-E9_Femal_NonMin_US&TOt_OtherFam
5,413	34	106	1.96	180 USAF_E5-E9_Female_NonMin_US&TOt_DualSp
2,618	16	53	2.02	181 USAF_E5-E9_Female_NonMin_OverSea_AllFam
1,993	11	46	2.31	182 USAF_E5-E9_Female_Minori_US&TOt_Sing+Ch
4,345	26	88	2.03	183 USAF_E5-E9_Female_Minori_US&TOt_OtherFam
3,160	18	74	2.34	184 USAF_E5-E9_Female_Minori_US&T&Ot_DualSp
2,335	13	51	2.18	185 USAF_E5-E9_Female_Minori_OverSea_AllFam
21,070	342	753	3.57	186 USAF_O1-O3_Male_NonMin_USTOt_NotDualSP
1,455	21	59	4.05	187 USAF_O1-O3_Male_NonMin_US&T&Ot_DualSp
1,440	24	50	3.47	188 USAF_O1-O3_Male_NonMin_Europe_AllFamily
966	16	34	3.52	189 USAF_O1-O3_Male_NonMin_AsiaPI_AllFamily
5,811	92	215	3.70	190 USAF_O1-O6_Male_Minori_US&TOt_AllFamily
783	13	29	3.70	191 USAF_O1-O6_Male_Minori_OverSea_AllFamily
6,006	97	223	3.71	192 USAF_O1-O6_Femal_NonMin_USTOt_NotDualSP
2,023	29	85	4.20	193 USAF_O1-O6_Female_NonMin_US&TOt_DualSp
1,060	16	43	4.06	194 USAF_O1-O6_Female_NonMin_OverSea_AllFam
2,510	37	102	4.06	195 USAF_O1-O6_Female_Minori_AllRegn_AllFamily
387	7	16	4.13	196 USAF_O4-O6_Male_NonMin_US&TOt_Sing+Ch
16,926	322	519	3.07	197 USAF_O4-O6_Male_NonMin_US&TOt_OtherFam
1,286	21	50	3.89	198 USAF_O4-O6_Male_NonMin_US&T&Ot_DualSp
1,707	31	56	3.28	199 USAF_O4-O6_Male_NonMin_Europe_AllFamily
712	14	24	3.37	200 USAF_O4-O6_Male_NonMin_AsiaPI_AllFamily
172	2	9	5.23	201 USCG_Outside 50 States, DC, 4 Terr
7,992	2	3	0.04	202 USCG_HRegUS_E1-E4_Male_Nonmin
3,977	2	4	0.10	203 USCG_HRegUS_E1-E4_Male_Minori
1,346	2	4	0.30	204 USCG_HRegUS_E1-E4_Female_NonMin
615	2	3	0.49	205 USCG_HRegUS_E1-E4_Female_Minori
13,120	2	3	0.02	206 USCG_HRegUS_E5-E9_Male_Nonmin
3,825	2	3	0.08	207 USCG_HRegUS_E5-E9_Male_Minori
1,275	2	3	0.24	208 USCG_HRegUS_E5-E9_Female_Nonmin
546	2	3	0.55	209 USCG_HRegUS_E5-E9_Female_Minori
3,571	2	3	0.08	210 USCG_HRegUS_W1-O3_Male_Nonmin
869	2	3	0.35	211 USCG_HRegUS_W1-O3_Male_Minori

Table A-1. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
7,992	2	3	0.04	202 USCG_HRegUS_E1-E4_Male_Nonmin
3,977	2	4	0.10	203 USCG_HRegUS_E1-E4_Male_Minori
1,346	2	4	0.30	204 USCG_HRegUS_E1-E4_Female_NonMin
615	2	3	0.49	205 USCG_HRegUS_E1-E4_Female_Minori
13,120	2	3	0.02	206 USCG_HRegUS_E5-E9_Male_Nonmin
3,825	2	3	0.08	207 USCG_HRegUS_E5-E9_Male_Minori
1,275	2	3	0.24	208 USCG_HRegUS_E5-E9_Female_Nonmin
546	2	3	0.55	209 USCG_HRegUS_E5-E9_Female_Minori
3,571	2	3	0.08	210 USCG_HRegUS_W1-O3_Male_Nonmin
869	2	3	0.35	211 USCG_HRegUS_W1-O3_Male_Minori
679	2	3	0.44	212 USCG_HRegUS_W1-O3_Female_Nonmin
227	2	3	1.32	213 USCG_HRegUS_W1-O3_Female_Minori
1,834	2	3	0.16	214 USCG_HRegUS_O4-O6_Male_Nonmin
282	2	3	1.06	215 USCG_HRegUS_O4-O6_Male_Minori
216	2	3	1.39	216 USCG_HRegUS_O4-O6_Female_Nonmin
45	2	3	6.67	217 USCG_HRegUS_O4-O6_Female_Minori
3	2	3	100.00	Unknown

Table A-2.
Sample Allocation by Strata: Reserve Component Members

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
50,178	77	626	1.25	001 NotA_ANG_NonM_M_E1-E3_NonI
34,276	54	375	1.09	002 NotA_ANG_NonM_M_E4_TPU_
1,323	3	14	1.06	003 NotA_ANG_NonM_M_E4_A-M_
35,736	59	214	0.60	004 NotA_ANG_NonM_M_E5-E6_TPU_
5,054	9	14	0.28	005 NotA_ANG_NonM_M_E5-E6_AGR_
4,664	8	18	0.39	006 NotA_ANG_NonM_M_E5-E6_Mil_
6,586	11	29	0.44	007 NotA_ANG_NonM_M_E7-E9_TPU_
5,753	10	14	0.24	008 NotA_ANG_NonM_M_E7-E9_AGR_
2,983	6	9	0.30	009 NotA_ANG_NonM_M_E7-E9_Mil_
2,014	97	173	8.59	010 NotA_ANG_NonM_M_W1-W5_TPU_
655	33	49	7.48	011 NotA_ANG_NonM_M_W1-W5_AGR_
1,149	57	82	7.14	012 NotA_ANG_NonM_M_W1-W5_Mil_
7,730	64	157	2.03	013 NotA_ANG_NonM_M_O1-O3_TPU_
764	7	16	2.09	014 NotA_ANG_NonM_M_O1-O3_AGR_
426	4	9	2.11	015 NotA_ANG_NonM_M_O1-O3_Mil_
3,301	28	42	1.27	016 NotA_ANG_NonM_M_O4-O6_TPU_
2,056	18	24	1.17	017 NotA_ANG_NonM_M_O4-O6_AGR_
839	8	11	1.31	018 NotA_ANG_NonM_M_O4-O6_Mil_
10,090	19	131	1.30	019 NotA_ANG_NonM_F_E1-E3_NonI
5,936	11	76	1.28	020 NotA_ANG_NonM_F_E4_TPU_
410	2	18	4.39	021 NotA_ANG_NonM_F_E4_A-M_
3,926	8	52	1.32	022 NotA_ANG_NonM_F_E5-E6_TPU_
1,017	2	6	0.59	023 NotA_ANG_NonM_F_E5-E6_AGR_
710	2	10	1.41	024 NotA_ANG_NonM_F_E5-E6_Mil_

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
417	2	8	1.92	025 NotA_ANG_NonM_F_E7-E9_TPU_
767	2	4	0.52	026 NotA_ANG_NonM_F_E7-E9_AGR_
361	2	6	1.66	027 NotA_ANG_NonM_F_E7-E9_Mil_
394	20	54	13.71	028 NotA_ANG_NonM_F_W1-W5_NonI
1,400	18	37	2.64	029 NotA_ANG_NonM_F_O1-O3_NonI
382	5	12	3.14	030 NotA_ANG_NonM_F_O4-O6_TPU_
322	5	9	2.80	031 NotA_ANG_NonM_F_O4-O6_A-M_
14,765	52	531	3.60	032 NotA_ANG_Mino_M_E1-E3_NonI
10,835	39	394	3.64	033 NotA_ANG_Mino_M_E4_TPU_
327	2	7	2.14	034 NotA_ANG_Mino_M_E4_A-M_
11,246	43	232	2.06	035 NotA_ANG_Mino_M_E5-E6_TPU_
1,283	5	16	1.25	036 NotA_ANG_Mino_M_E5-E6_AGR_
1,057	5	22	2.08	037 NotA_ANG_Mino_M_E5-E6_Mil_
1,887	8	33	1.75	038 NotA_ANG_Mino_M_E7-E9_TPU_
1,235	5	10	0.81	039 NotA_ANG_Mino_M_E7-E9_AGR_
558	3	8	1.43	040 NotA_ANG_Mino_M_E7-E9_Mil_
432	21	60	13.89	041 NotA_ANG_Mino_M_W1-W5_NonI
1,702	16	38	2.23	042 NotA_ANG_Mino_M_O1-O3_NonI
464	5	16	3.45	043 NotA_ANG_Mino_M_O4-O6_TPU_
379	4	8	2.11	044 NotA_ANG_Mino_M_O4-O6_A-M_
5,719	23	165	2.89	045 NotA_ANG_Mino_F_E1-E3_NonI
3,736	13	255	6.83	046 NotA_ANG_Mino_F_E4_NonI
2,304	10	63	2.73	047 NotA_ANG_Mino_F_E5-E6_TPU_
560	3	15	2.68	048 NotA_ANG_Mino_F_E5-E6_AGR_
387	2	16	4.13	049 NotA_ANG_Mino_F_E5-E6_Mil_
220	2	15	6.82	050 NotA_ANG_Mino_F_E7-E9_TPU_
630	3	12	1.90	051 NotA_ANG_Mino_F_E7-E9_A-M_
902	24	71	7.87	052 NotA_ANG_Mino_F_W1~O6_NonI
18,656	37	327	1.75	053 NotA_AR_NonM_M_E1-E3_NonI
13,730	28	193	1.41	054 NotA_AR_NonM_M_E4_TPU_
238	2	25	10.50	055 NotA_AR_NonM_M_E4_NonI
13,378	29	95	0.71	056 NotA_AR_NonM_M_E5-E6_TPU_
1,400	4	9	0.64	057 NotA_AR_NonM_M_E5-E6_AGR_
949	3	12	1.26	058 NotA_AR_NonM_M_E5-E6_M-I_
3,778	9	18	0.48	059 NotA_AR_NonM_M_E7-E9_TPU_
2,370	6	9	0.38	060 NotA_AR_NonM_M_E7-E9_AGR_
930	3	7	0.75	061 NotA_AR_NonM_M_E7-E9_M-I_
733	36	55	7.50	062 NotA_AR_NonM_M_W1-W5_TPU_
343	19	38	11.08	063 NotA_AR_NonM_M_W1-W5_AGR_
251	13	37	14.74	064 NotA_AR_NonM_M_W1-W5_M-I_
3,891	35	74	1.90	065 NotA_AR_NonM_M_O1-O3_TPU_
412	4	10	2.43	066 NotA_AR_NonM_M_O1-O3_AGR_
419	4	7	1.67	067 NotA_AR_NonM_M_O1-O3_M-I_
4,171	37	57	1.37	068 NotA_AR_NonM_M_O4-O6_TPU_

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
1,366	13	14	1.02	069 NotA_AR_NonM_M_O4-O6_AGR_
1,123	11	17	1.51	070 NotA_AR_NonM_M_O4-O6_M-I_
5,177	12	86	1.66	071 NotA_AR_NonM_F_E1-E3_NonI
6,051	15	49	0.81	072 NotA_AR_NonM_F_E4~E6_TPU_
671	2	9	1.34	073 NotA_AR_NonM_F_E4~E6_NonT
586	2	6	1.02	074 NotA_AR_NonM_F_E7-E9_TPU_
445	2	4	0.90	075 NotA_AR_NonM_F_E7-E9_AGR_
304	2	8	2.63	076 NotA_AR_NonM_F_E7-E9_M-I_
285	14	61	21.40	077 NotA_AR_****_F_W1-W5_****
1,457	19	47	3.23	078 NotA_AR_NonM_F_O1-O3_TPU_
805	11	19	2.36	079 NotA_AR_NonM_F_O1~O6_NonT
1,002	14	22	2.20	080 NotA_AR_NonM_F_O4-O6_TPU_
8,229	29	367	4.46	081 NotA_AR_Mino_M_E1-E3_NonI
7,940	29	266	3.35	082 NotA_AR_Mino_M_E4_TPU_
1,991	9	24	1.21	083 NotA_AR_Mino_M_E4~E6_NonT
8,337	34	110	1.32	084 NotA_AR_Mino_M_E5-E6_TPU_
2,451	11	37	1.51	085 NotA_AR_Mino_M_E7-E9_TPU_
1,957	10	20	1.02	086 NotA_AR_Mino_M_E7-E9_AGR_
360	2	333	92.50	087 NotA_AR_Mino_M_E7-E9_M-I_
401	19	129	32.17	088 NotA_AR_Mino_M_W1-W5_****
1,429	14	52	3.64	089 NotA_AR_Mino_M_O1-O3_TPU_
376	4	19	5.05	090 NotA_AR_Mino_M_O1-O3_NonT
1,075	11	24	2.23	091 NotA_AR_Mino_M_O4-O6_TPU_
749	8	12	1.60	092 NotA_AR_Mino_M_O4-O6_NonT
4,685	19	188	4.01	093 NotA_AR_Mino_F_E1-E3_NonI
7,312	31	200	2.74	094 NotA_AR_Mino_F_E4~E6_TPU_
1,284	6	41	3.19	095 NotA_AR_Mino_F_E4~E6_NonT
794	4	20	2.52	096 NotA_AR_Mino_F_E7-E9_TPU_
966	5	16	1.66	097 NotA_AR_Mino_F_E7-E9_AGR_
308	2	14	4.55	098 NotA_AR_Mino_F_E7-E9_M-I_
1,130	15	67	5.93	099 NotA_AR_Mino_F_O1-O3_****
521	8	18	3.45	100 NotA_AR_Mino_F_O4-O6_TPU_
344	5	18	5.23	101 NotA_AR_Mino_F_O4-O6_NonT
2,656	21	193	7.27	102 NotA_NR_NonM_M_E1-E3_TPU_
518	5	27	5.21	103 NotA_NR_NonM_M_E1-E3_AGR_
2,491	21	101	4.05	104 NotA_NR_NonM_M_E4_TPU_
475	5	68	14.32	105 NotA_NR_NonM_M_E4_AGR_
8,142	69	176	2.16	106 NotA_NR_NonM_M_E5-E6_TPU_
2,353	24	64	2.72	107 NotA_NR_NonM_M_E5-E6_NonT
1,597	14	28	1.75	108 NotA_NR_NonM_M_E7-E9_TPU_
805	9	18	2.24	109 NotA_NR_NonM_M_E7-E9_AGR_
1,924	59	125	6.50	110 NotA_NR_NonM_M_W1~O3_NonM
6,495	184	288	4.43	111 NotA_NR_NonM_M_O4-O6_NonM
607	5	35	5.77	112 NotA_NR_NonM_F_E1-E3_T-A_

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
815	7	27	3.31	113 NotA_NR_NonM_F_E4_T-A_
2,368	21	86	3.63	114 NotA_NR_NonM_F_E5-E6_NonM
493	5	14	2.84	115 NotA_NR_NonM_F_E7-E9_NonM
386	12	28	7.25	116 NotA_NR_NonM_F_W1~O3_T-A_
1,121	34	59	5.26	117 NotA_NR_NonM_F_O4-O6_NonM
2,613	21	204	7.81	118 NotA_NR_Mino_M_E1-E3_TPU_
583	6	61	10.46	119 NotA_NR_Mino_M_E1-E3_AGR_
2,216	19	137	6.18	120 NotA_NR_Mino_M_E4_TPU_
409	5	31	7.58	121 NotA_NR_Mino_M_E4_AGR_
6,225	58	230	3.69	122 NotA_NR_Mino_M_E5-E6_NonM
695	8	24	3.45	123 NotA_NR_Mino_M_E7-E9_T-A_
1,377	40	97	7.04	124 NotA_NR_Mino_M_W1~O6_NonM
974	9	78	8.01	125 NotA_NR_Mino_F_E1-E3_T-A_
1,118	10	65	5.81	126 NotA_NR_Mino_F_E4_NonM
2,463	25	87	3.53	127 NotA_NR_Mino_F_E5~E9_NonM
376	12	32	8.51	128 NotA_NR_Mino_F_W1~O6_T-A_
9,163	100	1695	18.50	129 NotA_MCR_NonM_M_E1-E3_NonM
2,222	28	235	10.58	130 NotA_MCR_NonM_M_E4_NonM
2,148	28	152	7.08	131 NotA_MCR_NonM_M_E5-E6_NonM
617	9	24	3.89	132 NotA_MCR_NonM_M_E7-E9_NonM
411	62	211	51.34	133 NotA_MCR_NonM_M_W1~O3_NonM
1,358	198	497	36.60	134 NotA_MCR_NonM_M_O4-O6_NonM
943	60	500	53.02	135 NotA_MCR_NonM_F_E1~O6_NonM
2,304	26	456	19.79	136 NotA_MCR_Mino_M_E1-E3_NonM
789	9	161	20.41	137 NotA_MCR_Mino_M_E4_NonM
1,070	14	107	10.00	138 NotA_MCR_Mino_M_E5-E6_NonM
308	5	23	7.47	139 NotA_MCR_Mino_M_E7-E9_NonM
270	40	136	50.37	140 NotA_MCR_Mino_M_W1~O6_NonM
459	21	239	52.07	141 NotA_MCR_Mino_F_E1~O6_NonM
5,067	21	92	1.82	142 NotA_AFG_NonM_M_E1-E3_TPU_
727	4	16	2.20	143 NotA_AFG_NonM_M_E1~E4_A-M_
6,997	29	124	1.77	144 NotA_AFG_NonM_M_E4_TPU_
14,671	62	179	1.22	145 NotA_AFG_NonM_M_E5-E6_TPU_
2,283	10	19	0.83	146 NotA_AFG_NonM_M_E5-E6_AGR_
4,784	21	45	0.94	147 NotA_AFG_NonM_M_E5-E6_Mil_
4,521	20	41	0.91	148 NotA_AFG_NonM_M_E7-E9_TPU_
2,752	13	18	0.65	149 NotA_AFG_NonM_M_E7-E9_AGR_
5,015	22	34	0.68	150 NotA_AFG_NonM_M_E7-E9_Mil_
1,973	57	185	9.38	151 NotA_AFG_NonM_M_O1-O3_TPU_
239	8	16	6.69	152 NotA_AFG_NonM_M_O1-O3_AGR_
372	11	19	5.11	153 NotA_AFG_NonM_M_O1-O3_Mil_
2,712	79	153	5.64	154 NotA_AFG_NonM_M_O4-O6_TPU_
1,284	39	59	4.60	155 NotA_AFG_NonM_M_O4-O6_AGR_
1,006	30	44	4.37	156 NotA_AFG_NonM_M_O4-O6_Mil_

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
1,475	7	27	1.83	157 NotA_AFG_NonM_F_E1-E3_NonI
1,867	8	34	1.82	158 NotA_AFG_NonM_F_E4_NonI
2,980	13	29	0.97	159 NotA_AFG_NonM_F_E5-E6_TPU_
672	3	6	0.89	160 NotA_AFG_NonM_F_E5-E6_AGR_
738	4	13	1.76	161 NotA_AFG_NonM_F_E5-E6_Mil_
808	4	9	1.11	162 NotA_AFG_NonM_F_E7-E9_TPU_
1,084	5	8	0.74	163 NotA_AFG_NonM_F_E7-E9_AGR_
674	3	6	0.89	164 NotA_AFG_NonM_F_E7-E9_Mil_
741	23	58	7.83	165 NotA_AFG_NonM_F_O1-O3_NonI
844	27	45	5.33	166 NotA_AFG_NonM_F_O4-O6_NonI
1,031	6	50	4.85	167 NotA_AFG_Mino_M_E1-E3_NonI
1,811	10	55	3.04	168 NotA_AFG_Mino_M_E4_NonI
3,323	18	73	2.20	169 NotA_AFG_Mino_M_E5-E6_TPU_
428	3	7	1.64	170 NotA_AFG_Mino_M_E5-E6_AGR_
1,084	6	21	1.94	171 NotA_AFG_Mino_M_E5-E6_Mil_
845	5	14	1.66	172 NotA_AFG_Mino_M_E7-E9_TPU_
502	3	3	0.60	173 NotA_AFG_Mino_M_E7-E9_AGR_
763	4	8	1.05	174 NotA_AFG_Mino_M_E7-E9_Mil_
415	13	34	8.19	175 NotA_AFG_Mino_M_O1-O3_NonI
492	15	29	5.89	176 NotA_AFG_Mino_M_O4-O6_NonI
478	3	16	3.35	177 NotA_AFG_Mino_F_E1-E3_NonI
802	5	24	2.99	178 NotA_AFG_Mino_F_E4_NonI
1,199	7	37	3.09	179 NotA_AFG_Mino_F_E5-E6_TPU_
249	2	6	2.41	180 NotA_AFG_Mino_F_E5-E6_AGR_
254	2	9	3.54	181 NotA_AFG_Mino_F_E5-E6_Mil_
813	5	13	1.60	182 NotA_AFG_Mino_F_E7-E9_NonI
320	10	26	8.13	183 NotA_AFG_Mino_F_O1~O6_NonI
1,406	10	51	3.63	184 NotA_AFR_NonM_M_E1-E3_NonA
4,103	29	154	3.75	185 NotA_AFR_NonM_M_E4_****
7,394	55	151	2.04	186 NotA_AFR_NonM_M_E5-E6_TPU_
339	3	7	2.06	187 NotA_AFR_NonM_M_E5-E6_AGR_
1,941	15	31	1.60	188 NotA_AFR_NonM_M_E5-E6_Mil_
799	6	26	3.25	189 NotA_AFR_NonM_M_E5-E6_IMA_
3,450	26	38	1.10	190 NotA_AFR_NonM_M_E7-E9_TPU_
474	4	6	1.27	191 NotA_AFR_NonM_M_E7-E9_AGR_
2,119	17	32	1.51	192 NotA_AFR_NonM_M_E7-E9_Mil_
579	5	12	2.07	193 NotA_AFR_NonM_M_E7-E9_IMA_
1,175	32	80	6.81	194 NotA_AFR_NonM_M_O1-O3_TPU_
759	21	52	6.85	195 NotA_AFR_NonM_M_O1-O3_NonT
2,482	68	121	4.88	196 NotA_AFR_NonM_M_O4-O6_TPU_
556	17	22	3.96	197 NotA_AFR_NonM_M_O4-O6_AGR_
711	20	31	4.36	198 NotA_AFR_NonM_M_O4-O6_Mil_
2,309	64	111	4.81	199 NotA_AFR_NonM_M_O4-O6_IMA_
642	5	28	4.36	200 NotA_AFR_NonM_F_E1-E3_T-I_

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
1,406	11	44	3.13	201 NotA_AFR_NonM_F_E4_****
1,964	15	55	2.80	202 NotA_AFR_NonM_F_E5-E6_T-A_
319	3	13	4.08	203 NotA_AFR_NonM_F_E5-E6_Mil_
294	3	19	6.46	204 NotA_AFR_NonM_F_E5-E6_IMA_
806	7	17	2.11	205 NotA_AFR_NonM_F_E7-E9_TPU_
807	7	19	2.35	206 NotA_AFR_NonM_F_E7-E9_NonT
550	16	40	7.27	207 NotA_AFR_NonM_F_O1-O3_TPU_
315	9	29	9.21	208 NotA_AFR_NonM_F_O1-O3_NonT
869	26	46	5.29	209 NotA_AFR_NonM_F_O4-O6_NonI
885	26	45	5.08	210 NotA_AFR_NonM_F_O4-O6_IMA_
659	5	45	6.83	211 NotA_AFR_Mino_M_E1-E3_T-I_
1,957	16	52	2.66	212 NotA_AFR_Mino_M_E4_ TPU_
1,073	9	32	2.98	213 NotA_AFR_Mino_M_E4-E6_NonT
3,275	27	98	2.99	214 NotA_AFR_Mino_M_E5-E6_TPU_
1,228	11	31	2.52	215 NotA_AFR_Mino_M_E7-E9_TPU_
788	7	14	1.78	216 NotA_AFR_Mino_M_E7-E9_NonT
455	13	34	7.47	217 NotA_AFR_Mino_M_O1-O3_****
727	20	65	8.94	218 NotA_AFR_Mino_M_O4-O6_****
587	5	34	5.79	219 NotA_AFR_Mino_F_E1-E3_T-I_
1,133	9	57	5.03	220 NotA_AFR_Mino_F_E4_ NonA
1,566	13	73	4.66	221 NotA_AFR_Mino_F_E5-E6_TPU_
397	4	36	9.07	222 NotA_AFR_Mino_F_E5-E6_NonT
524	5	19	3.63	223 NotA_AFR_Mino_F_E7-E9_TPU_
404	4	16	3.96	224 NotA_AFR_Mino_F_E7-E9_NonT
323	10	32	9.91	225 NotA_AFR_Mino_F_O1-O3_****
321	10	26	8.10	226 NotA_AFR_Mino_F_O4-O6_****
2,725	4	77	2.83	227 Act_ANG_NonM_M_E1-E3_NonI
10,259	17	55	0.54	228 Act_ANG_NonM_M_E4_ NonI
10,002	17	52	0.52	229 Act_ANG_NonM_M_E5-E6_NonI
3,158	6	19	0.60	230 Act_ANG_NonM_M_E7-E9_NonI
650	32	62	9.54	231 Act_ANG_NonM_M_W1-W5_NonI
1,848	15	49	2.65	232 Act_ANG_NonM_M_O1-O3_NonI
1,129	10	15	1.33	233 Act_ANG_NonM_M_O4-O6_NonI
253	2	49	19.37	234 Act_ANG_NonM_F_E1-E3_NonI
953	2	12	1.26	235 Act_ANG_NonM_F_E4_ NonI
951	2	8	0.84	236 Act_ANG_NonM_F_E5-E9_NonI
276	8	26	9.42	237 Act_ANG_NonM_F_W1~O6_NonI
653	3	45	6.89	238 Act_ANG_Mino_M_E1-E3_TPU_
2,270	8	94	4.14	239 Act_ANG_Mino_M_E4_ NonI
2,706	11	36	1.33	240 Act_ANG_Mino_M_E5-E6_NonI
752	3	10	1.33	241 Act_ANG_Mino_M_E7-E9_NonI
524	13	30	5.73	242 Act_ANG_Mino_M_W1~O6_NonI
621	3	20	3.22	243 Act_ANG_Mino_F_E1~E4_NonI
582	6	39	6.70	244 Act_ANG_Mino_F_E5~O6_NonI

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
610	2	23	3.77	245 Act_AR_NonM_M_E1-E3_NonI
1,810	4	25	1.38	246 Act_AR_NonM_M_E4_NonI
3,507	8	21	0.60	247 Act_AR_NonM_M_E5-E6_TPU
276	2	6	2.17	248 Act_AR_NonM_M_E5-E6_NonT
1,418	4	7	0.49	249 Act_AR_NonM_M_E7-E9_TPU
333	2	4	1.20	250 Act_AR_NonM_M_E7-E9_NonT
2,892	53	80	2.77	251 Act_AR_NonM_M_W1~O6_****
447	2	11	2.46	252 Act_AR_NonM_F_E1~E4_NonI
887	3	7	0.79	253 Act_AR_NonM_F_E5~E9_****
693	12	20	2.89	254 Act_AR_NonM_F_W1~O6_****
238	2	111	46.64	255 Act_AR_Mino_M_E1-E3_NonI
930	4	29	3.12	256 Act_AR_Mino_M_E4_NonI
2,318	10	45	1.94	257 Act_AR_Mino_M_E5-E6_****
1,372	7	15	1.09	258 Act_AR_Mino_M_E7-E9_****
929	18	41	4.41	259 Act_AR_Mino_M_W1~O6_****
442	2	12	2.71	260 Act_AR_Mino_F_E1~E4_NonI
1,256	6	15	1.19	261 Act_AR_Mino_F_E5~E9_****
450	9	21	4.67	262 Act_AR_Mino_F_W1~O6_****
277	2	45	16.25	263 Act_NR_NonM_M_E1~E4_T-A
966	8	65	6.73	264 Act_NR_NonM_M_E5-E6_T-A
245	3	8	3.27	265 Act_NR_NonM_M_E7-E9_NonM
462	14	38	8.23	266 Act_NR_NonM_M_W1~O6_NonM
250	5	30	12.00	267 Act_NR_NonM_F_E1~O6_NonM
197	2	87	44.16	268 Act_NR_Mino_M_E1~E4_T-A
430	4	23	5.35	269 Act_NR_Mino_M_E5~E9_T-A
329	10	23	6.99	270 ADA_NR_Mino_M_W1~O6_NonM
159	3	15	9.43	271 Act_NR_Mino_F_E1~O6_****
2,588	26	684	26.43	272 Act_MCR_NonM_M_E1-E3_NonM
887	10	156	17.59	273 Act_MCR_NonM_M_E4_NonM
873	11	92	10.54	274 Act_MCR_NonM_M_E5~E9_NonM
372	54	186	50.00	275 Act_MCR_NonM_M_W1~O6_NonM
250	23	158	63.20	276 ADA_MCR_NonM_F_E1~O6_****
603	4	400	66.33	277 Act_MCR_Mino_M_E1-E3_T-I
268	3	65	24.25	278 Act_MCR_Mino_M_E4_NonM
480	37	250	52.08	279 Act_MCR_Mino_M_E5~O6_NonM
147	9	63	42.86	280 ADA_MCR_Mino_F_E1~O6_****
352	2	10	2.84	281 Act_AFG_NonM_M_E1~E4_NonI
852	4	13	1.53	282 Act_AFG_NonM_M_E5-E6_NonI
412	2	4	0.97	283 Act_AFG_NonM_M_E7-E9_NonI
244	8	18	7.38	284 Act_AFG_NonM_M_O1~O6_NonI
281	5	14	4.98	285 Act_AFG_NonM_F_E1~O6_NonI
285	4	15	5.26	286 Act_AFG_Mino_M_E1~O6_NonI
524	7	25	4.77	287 ADA_AFG_Mino_F_E1~O6_NonI
602	5	15	2.49	288 Act_AFR_NonM_M_E1~E6_****
258	2	4	1.55	289 Act_AFR_NonM_M_E7-E9_****

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
224	7	13	5.80	290 Act_AFR_NonM_M_O1~O6_****
1,352	30	64	4.73	291 ADA_AFR_NonM_F_E1~O6_****
261	4	10	3.83	292 Act_AFR_Mino_M_E1~O6_****
696	11	31	4.45	293 ADA_AFR_Mino_F_E1~O6_****
1,239	2	57	4.60	294 DAct_ANG_NonM_M_E1-E3_NonI
12,496	20	157	1.25	295 DAct_ANG_NonM_M_E4_TPU_
279	2	12	4.29	296 DAct_ANG_NonM_M_E4_A-M_
12,598	21	75	0.59	297 DAct_ANG_NonM_M_E5-E6_TPU_
906	2	5	0.55	298 DAct_ANG_NonM_M_E5-E6_AGR_
1,178	2	5	0.42	299 DAct_ANG_NonM_M_E5-E6_Mil_
2,734	5	11	0.40	300 DAct_ANG_NonM_M_E7-E9_TPU_
987	2	3	0.30	301 DAct_ANG_NonM_M_E7-E9_AGR_
617	2	3	0.49	302 DAct_ANG_NonM_M_E7-E9_Mil_
1,110	54	95	8.56	303 DAct_ANG_NonM_M_W1-W5_NonI
2,510	21	39	1.55	304 DAct_ANG_NonM_M_O1-O3_NonI
1,801	16	21	1.17	305 DAct_ANG_NonM_M_O4-O6_NonI
1,154	3	18	1.55	306 DAct_ANG_NonM_F_E1~E4_NonI
1,220	3	7	0.57	307 DAct_ANG_NonM_F_E5-E6_NonI
217	2	5	2.30	308 DAct_ANG_NonM_F_E7-E9_NonI
409	11	20	4.89	309 DAct_ANG_NonM_F_W1~O6_NonI
412	2	61	14.77	310 DAct_ANG_Mino_M_E1-E3_NonI
3,896	13	137	3.51	311 DAct_ANG_Mino_M_E4_NonI
4,747	18	93	1.96	312 DAct_ANG_Mino_M_E5-E6_NonI
1,110	5	14	1.26	313 DAct_ANG_Mino_M_E7-E9_NonI
842	20	41	4.87	314 DAct_ANG_Mino_M_W1~O6_NonI
660	3	31	4.70	315 DAct_ANG_Mino_F_E1~E4_NonI
903	11	45	4.98	316 DAct_ANG_Mino_F_E5~O6_NonI
313	2	62	19.81	317 DAct_AR_NonM_M_E1-E3_NonI
2,492	6	33	1.32	318 DAct_AR_NonM_M_E4_NonI
5,290	12	38	0.72	319 DAct_AR_NonM_M_E5-E6_****
2,225	5	9	0.40	320 DAct_AR_NonM_M_E7-E9_****
273	14	37	13.55	321 DAct_AR_NonM_M_W1-W5_****
1,370	13	22	1.61	322 DAct_AR_NonM_M_O1-O3_****
2,614	24	36	1.38	323 DAct_AR_NonM_M_O4-O6_****
545	2	12	2.20	324 DAct_AR_NonM_F_E1~E4_NonI
953	3	9	0.94	325 DAct_AR_NonM_F_E5-E6_****
359	2	5	1.39	326 DAct_AR_NonM_F_E7-E9_****
848	16	25	2.95	327 DAct_AR_NonM_F_W1~O6_****
1,271	5	43	3.38	328 DAct_AR_Mino_M_E1~E4_NonI
2,672	11	54	2.02	329 DAct_AR_Mino_M_E5-E6_TPU_
273	2	12	4.40	330 DAct_AR_Mino_M_E5-E6_NonT
1,409	7	15	1.06	331 DAct_AR_Mino_M_E7-E9_TPU_
229	2	6	2.62	332 DAct_AR_Mino_M_E7-E9_NonT
558	15	36	6.46	333 DAct_AR_Mino_M_W1~O3_****

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
735	7	16	2.18	334 DAct_AR_Mino_M_O4-O6_****
498	3	19	3.82	335 DAct_AR_Mino_F_E1~E4_NonI
1,424	7	24	1.69	336 DAct_AR_Mino_F_E5~E9_TPU_
262	2	10	3.82	337 DAct_AR_Mino_F_E5~E9_NonT
597	12	28	4.69	338 DAct_AR_Mino_F_W1~O6_****
427	4	17	3.98	339 DAct_NR_NonM_M_E1~E4_T-A_
2,936	25	71	2.42	340 DAct_NR_NonM_M_E5-E6_T-A_
697	6	10	1.43	341 DAct_NR_NonM_M_E7-E9_NonM
1,375	41	71	5.16	342 DAct_NR_NonM_M_W1~O6_NonM
590	6	13	2.20	343 DAct_NR_NonM_F_E1~E9_T-A_
237	8	18	7.59	344 DAct_NR_NonM_F_W1~O6_NonM
251	3	13	5.18	345 DAct_NR_Mino_M_E1~E4_T-A_
1,255	12	50	3.98	346 DAct_NR_Mino_M_E5~E9_NonM
438	8	21	4.79	347 DAct_NR_Mino_F_E1~O6_NonM
2,522	27	574	22.76	348 DAct_MCR_NonM_M_E1-E3_NonM
1,484	18	225	15.16	349 DAct_MCR_NonM_M_E4_NonM
1,064	14	104	9.77	350 DAct_MCR_NonM_M_E5-E6_NonM
338	5	17	5.03	351 DAct_MCR_NonM_M_E7-E9_NonM
481	71	182	37.84	352 DAct_MCR_NonM_M_W1~O6_NonM
584	6	207	35.45	353 DAct_MCR_Mino_M_E1-E3_NonM
372	4	129	34.68	354 DAct_MCR_Mino_M_E4_NonM
753	51	354	47.01	355 DAct_MCR_Mino_M_E5~O6_NonM
1,365	6	27	1.98	356 DAct_AFG_NonM_M_E1~E4_NonI
4,067	18	46	1.13	357 DAct_AFG_NonM_M_E5-E6_TPU_
544	3	8	1.47	358 DAct_AFG_NonM_M_E5-E6_AGR_
1,728	8	21	1.22	359 DAct_AFG_NonM_M_E5-E6_Mil_
1,172	5	10	0.85	360 DAct_AFG_NonM_M_E7-E9_TPU_
604	3	5	0.83	361 DAct_AFG_NonM_M_E7-E9_AGR_
1,574	7	11	0.70	362 DAct_AFG_NonM_M_E7-E9_Mil_
760	23	52	6.84	363 DAct_AFG_NonM_M_O1-O3_NonI
1,295	38	67	5.17	364 DAct_AFG_NonM_M_O4-O6_NonI
249	2	12	4.82	365 DAct_AFG_NonM_F_E1~E4_NonI
767	4	10	1.30	366 DAct_AFG_NonM_F_E5-E6_NonI
322	2	4	1.24	367 DAct_AFG_NonM_F_E7-E9_NonI
246	8	19	7.72	368 DAct_AFG_NonM_F_O1~O6_NonI
295	2	26	8.81	369 DAct_AFG_Mino_M_E1~E4_NonI
1,161	7	24	2.07	370 DAct_AFG_Mino_M_E5-E6_NonI
542	3	5	0.92	371 DAct_AFG_Mino_M_E7-E9_NonI
155	5	16	10.32	372 DAct_AFG_Mino_M_O1~O6_NonI
494	4	25	5.06	373 DAct_AFR_NonM_M_E1~E4_****
1,996	15	46	2.30	374 DAct_AFR_NonM_M_E5-E6_TPU_
522	4	15	2.87	375 DAct_AFR_NonM_M_E5-E6_NonT
983	8	15	1.53	376 DAct_AFR_NonM_M_E7-E9_TPU_
478	4	8	1.67	377 DAct_AFR_NonM_M_E7-E9_NonT

Table A-2. (continued)

Stratum Size	Allocation	Sample Size	Pct Sampled	Stratum and Label
289	8	22	7.61	378 DAct_AFR_NonM_M_O1-O3_TPU_
490	14	27	5.51	379 DAct_AFR_NonM_M_O1~O6_NonT
755	21	44	5.83	380 DAct_AFR_NonM_M_O4-O6_TPU_
1,232	10	33	2.68	381 DAct_AFR_Mino_M_E1~E6_****
594	13	39	6.57	382 DAct_AFR_Mino_M_E7~O6_****
1,829	100	299	16.35	383 NotA_CGR_NonM_M_E1~E4_TPU_
1,525	83	249	16.33	384 NotA_CGR_NonM_M_E5-E6_TPU_
734	40	120	16.35	385 NotA_CGR_NonM_M_E7-E9_TPU_
732	208	623	85.11	386 NotA_CGR_NonM_M_W1~O6_TPU_
586	32	96	16.38	387 NotA_CGR_NonM_F_E1~E9_TPU_
160	46	138	86.25	388 NotA_CGR_NonM_F_W1~O6_TPU_
588	32	96	16.33	389 NotA_CGR_Mino_M_E1~E4_TPU_
580	32	96	16.55	390 NotA_CGR_Mino_M_E5~E9_TPU_
228	65	195	85.53	391 NotA_CGR_Mino_M_W1~O6_TPU_
330	64	192	58.18	392 NotA_CGR_Mino_F_E1~O6_TPU_
437	71	213	48.74	393 ADA_CGR_****_*_E1~O6_TPU_
2,337	2,337	2,337	100.00	394 Overseas
809,159	8,945	30,731	3.52	

Note. “NotA” means Not Activated during the past 24 months from the survey administration, “ADA” means Activated and de-activated during the past 24 months, “Act” means Activated during the past 24 months, “NonT” means not TPU, “NonA” means Not AGR, “NonM” means Not Military Technician, and “NotI” means Not IMA.

Appendix B.
Allocation Solution for Reporting Domains

Table B-1.***Allocation Solution for Reporting Domains: Active Duty Members***

Domain	Label	Population Count	HWCI -In	Alloca- tion	Estimated n	Percent Sampled	Design Effect
1	All Domains	1,360,815	0.05	7,437	24,881	1.84	1.7
2	DoD	1,320,224	0.01	6,666	23,622	1.8	1.61
3	Army	511,006		2,549	10,366	2.04	1.7
4	Navy	310,446		1,462	4,783	1.55	1.41
5	Marine Corps	180,965		771	3,505	1.95	2
6	Air Force	317,807		1,884	4,971	1.58	1.29
7	Enlisted	1,135,318		4,711	19,274	1.71	1.45
8	Officer	225,497		2,726	5,603	2.5	1.5
9	E1-E3	325,923	0.05	665	6,320	1.94	1.22
10	E4	254,545	0.05	704	4,285	1.69	1.23
11	E5-E6	418,935		2,219	6,466	1.55	1.14
12	E7-E9	135,915		1,123	2,206	1.66	1.21
13	W1-W5	19,277		606	1,350	7.05	1.56
14	O1-O3	121,480		1,293	2,839	2.35	1.59
15	O4-O6	84,740		826	1,416	1.69	1.33
16	E1-E4	580,464		1,370	10,605	1.83	1.18
17	E5-E9	554,850		3,341	8,674	1.58	1.15
18	Male	1,168,700	0.02	6,291	21,095	1.81	1.74
19	Female	192,115	0.04	1,146	3,785	1.98	1.44
20	Non-minority	916,303		5,232	16,360	1.8	1.77
21	Minority	444,512		2,205	8,522	1.92	1.56
22	White/Unk	916,159		5,232	16,358	1.8	1.77
23	Black	223,144		1,140	4,303	1.94	2.25
24	Hispanic	138,914		643	2,682	1.94	2.56
25	Other	82,598		420	1,540	1.87	2.91
26	Overseas	180,429	0.05	970	3,173	1.76	1.87
27	US, US Territories	1,155,497		6,339	21,190	1.84	1.83
28	On Base/No. BAH	414,485		1,242	7,555	1.83	1.9
29	Off Base/Rec BAH	891,983		5,759	16,148	1.82	2.11
30	Army*Enlisted	426,931		1,530	8,215	1.93	1.37
31	Army*Officer	84,075	0.03	1,019	2,150	2.57	1.59
32	Navy*Enlisted	260,422		932	3,694	1.42	1.2
33	Navy*Officer	50,024	0.03	530	1,088	2.19	1.11
34	Marine Corps*Enlisted	161,514		381	2,556	1.59	1.23
35	Marine Corps*Officer	19,451	0.03	390	946	4.9	1
36	Air Force*Enlisted	253,665		1,478	4,139	1.64	1.35
37	Air Force*Officer	64,142	0.03	406	832	1.31	1.05

Table B-1. (continued)

Domain	Label	Population Count	HWC I -In	Allocation	Estimated n	Percent Sampled	Design Effect
38	Army*E1-E4	228,392		452	5,089	2.23	1.07
39	Army*E5-E9	198,539		1,078	3,130	1.59	1.08
40	Army*O1-O3	40,591		291	646	1.6	1.27
41	Army*O4-O6	29,219		256	430	1.48	1.13
42	Navy*E1-E4	122,221		270	2,048	1.68	1.03
43	Navy*E5-E9	138,198		662	1,647	1.2	1.06
44	Navy*O1-O3	29,103		362	792	2.74	1.21
45	Navy*O4-O6	19,263		144	246	1.29	1.11
46	Marine Corps*E1-E4	106,609		177	1,895	1.78	1.06
47	Marine Corps*E5-E9	54,905		204	662	1.21	1.07
48	Marine Corps*O1-O3	11,441		241	635	5.58	1.15
49	Marine Corps*O4-O6	6,082		109	202	3.37	1.04
50	Air Force*E1-E4	109,292		313	1,280	1.17	1.05
51	Air Force*E5-E9	144,372		1,165	2,855	2	1.05
52	Air Force*O1-O3	36,388		199	455	1.26	1.12
53	Air Force*O4-O6	27,754		207	376	1.37	1.21
54	Army*Male	442,567		2,120	8,822	2	1.7
55	Army*Female	68,439		429	1,544	2.27	1.57
56	Navy*Male	264,983		1,268	4,062	1.54	1.45
57	Navy*Female	45,463		194	721	1.59	1.19
58	Marine Corps*Male	169,820		716	3,305	1.95	2.02
59	Marine Corps*Female	11,145		55	200	1.8	1.61
60	Air Force*Male	255,706		1,523	3,818	1.5	1.32
61	Air Force*Female	62,101		361	1,152	1.87	1.19
62	Male*Non-minority	813,392		4,574	14,452	1.79	1.8
63	Male*Minority	355,308		1,717	6,644	1.88	1.58
64	Female*Non-minority	102,911		657	1,908	1.87	1.46
65	Female*Minority	89,204		488	1,878	2.11	1.41
66	Male*Enlisted	977,152		3,975	16,364	1.68	1.47
67	Male*Officer	191,548		2,316	4,728	2.49	1.52
68	Female*Enlisted	158,166		735	2,910	1.85	1.25
69	Female*Officer	33,949		410	874	2.6	1.38
70	No College	979,581		3,900	16,779	1.72	1.58
71	Some College	120,172		1,112	2,838	2.38	3.32
72	4-Year Degree	162,148		1,550	3,527	2.19	2.43
73	Grad/Prof Degree	80,362		698	1,374	1.73	1.79
74	Coast Guard	40,591		771	1,260	3.11	1.36
75	Coast Guard*Enlisted	32,786		390	670	2.05	1
76	Coast Guard*Officer	7,805		381	590	7.58	0.98
77	Coast Guard*E1-E4	13,950		158	293	2.11	1

Table B-1. (continued)

Domain	Label	Population Count	HWCI -In	Allocation	Estimated n	Percent Sampled	Design Effect
78	Coast Guard*E5-E9	18,836		232	377	2.01	1
79	Coast Guard*O1-O3	3,957		200	311	7.89	1.21
80	Coast Guard*O4-O6	2,422		110	162	6.73	0.99
81	Coast Guard*Male	35,624		664	1,091	3.07	1.36
82	Coast Guard*Female	4,967		107	169	3.41	1.4
83	18 to 24 years old	536,465		1,577	9,663	1.81	1.67
84	25 to 29 years old	315,442		1,705	5,604	1.78	2.54
85	30 to 34 years old	195,803		1,371	3,644	1.87	2.58
86	35 to 44 years old	265,498		2,284	5,023	1.91	2.22
87	>= 45 years old	47,405		477	938	2	2.39

Table B-2.*Allocation Solution for Reporting Domains: Reserve Component Members*

Domain	Label	Pop	HWCI	Allocation	Estimated n	Pct Sampled	Design Effect
1	All Domains	806,822	0.02	6,606	28,016	3.52	2.63
2	NotASOC24	599,720	0.02	4,887	19,626	3.32	2.67
3	ActSOC24	207,102	0.04	1,719	8,395	4.09	2.69
4	Army National Guard	346,584	0.04	1,341	5,891	1.71	1.84
5	US Army Reserve	185,578	0.04	983	4,287	2.34	1.66
6	US Naval Reserve	63,816	0.04	872	2,837	4.70	1.42
7	US Marine Corps Reserve	36,128	0.05	973	8,159	22.92	2.07
8	Air National Guard	100,891	0.04	816	2,151	2.15	1.57
9	US Air Force Reserve	66,096	0.04	848	2,316	3.56	1.37
10	US Coast Guard Reserve	7,729	0.04	773	2,285	29.98	1.43
11	E1-E4	332,032	0.03	1,468	13,657	4.15	1.81
12	E5-E9	357,087	0.03	1,967	7,108	2.03	1.81
13	W1-W5	10,085	0.05	535	1,232	12.53	1.36
14	O1-O3	46,118	0.04	993	2,622	5.75	1.80
15	O4-O6	61,500	0.03	1,638	3,417	5.65	1.78
16	Male	664,373	0.02	5,281	22,455	3.42	2.68
17	Female	142,449	0.04	1,325	5,560	3.96	2.29
18	Male*Enlisted	567,792	0.03	2,663	16,580	2.96	1.79
19	Male*Officer	96,581	0.03	2,618	5,865	6.17	1.89
20	Female*Enlisted	121,327	0.05	774	4,149	3.47	1.79
21	Female*Officer	21,122	0.05	551	1,412	6.78	1.37
22	Army National Guard*Enlisted	309,927	0.04	704	4,623	1.50	1.18
23	Army National Guard*Officer	36,657	0.05	637	1,265	3.49	1.60
24	US Army Reserve*Enlisted	151,336	0.05	476	3,142	2.10	1.15
25	US Army Reserve*Officer	34,242	0.05	507	1,144	3.38	1.27

Table B-2. (continued)

Domain	Label	Pop	HWCI	Allocation	Estimated n	Pct Sampled	Design Effect
26	US Naval Reserve*Enlisted	49,613	0.05	456	2,081	4.46	1.14
27	US Naval Reserve*Officer	14,203	0.05	416	759	5.56	1.06
28	US Marine Corps Reserve*Enlisted	32,862	0.05	522	6,778	20.92	1.33
29	US Marine Corps Reserve*Officer	3,266	0.05	451	1,375	43.13	1.16
30	Air National Guard*Enlisted	87,702	0.05	421	1,312	1.51	1.05
31	Air National Guard*Officer	13,189	0.05	395	839	6.40	1.00
32	US Air Force Reserve*Enlisted	51,220	0.05	432	1,455	2.89	1.08
33	US Air Force Reserve*Officer	14,876	0.05	416	861	5.88	1.06
34	USCGR*Enlisted	6,459	0.05	427	1,263	19.82	1.10
35	USCGR*Officers	1,270	0.05	346	1,023	81.63	0.89
36	US/Territories	802,820	0.02	6,567	27,422	3.46	2.64
37	No College	482,798	0.03	2,548	16,864	3.54	2.41
38	Some College	163,925	0.05	1,055	3,627	2.24	3.04
39	4-year Degree	109,004	0.05	1,903	5,057	4.71	5.26
40	Grad/Prof Degree	42,937	0.06	913	2,086	4.93	3.80
41	17-24 years old	239,814	0.05	1,041	9,986	4.20	2.40
42	25-29 years old	145,164	0.06	914	4,686	3.27	3.79
43	30-34 years old	93,851	0.08	828	3,045	3.29	4.92
44	35-44 years old	210,283	0.04	2,333	6,648	3.22	4.78
45	45+ years old	117,700	0.06	1,431	3,665	3.17	4.74
46	Non-minority	571,242	0.03	4,593	16,471	2.92	3.02
47	Non-Hispanic Black	117,881	0.05	866	5,000	4.31	2.14
48	Hispanic	70,719	0.07	620	3,877	5.57	2.90
49	Other Race	31,633	0.10	371	1,989	6.40	3.81

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