

2010 Workplace and Gender Relations Survey of Active Duty Members

Statistical Methodology Report

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2010 WORKPLACE AND GENDER RELATIONS SURVEY OF ACTIVE DUTY MEMBERS: STATISTICAL METHODOLOGY REPORT

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Acknowledgments

Defense Manpower Data Center (DMDC) is indebted to numerous people for their assistance with the 2010 Workplace and Gender Relations Survey of Active Duty Members (WGRA2010), 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).

DMDC's Personnel Survey Branch, under the guidance of David McGrath, Branch Chief is responsible for the data processing, sampling, and weighting methods used in the SOFS program. Fawzi al Nassir, SRA International, Inc., supervised the sampling and weighting processes, and provided consultations and overall process control. The lead statistician was Owen Hung, SRA International, Inc., who used the DMDC Sampling Tool to plan the sample. He also developed weights for this survey. Susan Reinhold and Carole Massey, provided the data processing support. Elizabeth Davis, DMDC, and Dorothy Kester Jackman, SRA International, Inc., assisted in formatting the report. Fawzi Al Nassir and Owen Hung wrote this methodology report.

2010 WORKPLACE AND GENDER RELATIONS SURVEY OF ACTIVE DUTY MEMBERS: STATISTICAL METHODOLOGY REPORT

Executive Summary

This report describes sample design, sample selection, weighting, and variance estimation procedures for the 2010 Workplace and Gender Relations Survey of Active Duty Members (2010 WGRA).

The sampling frame consisted of 1,424,304 records drawn from the June 2009 Active Duty Master Edit File and DEERS File. The 2010 WGRA used a single-stage stratified sample design. The allocation was nonproportional, with over-sampling 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.

Analytic weights were created to account for unequal selection probabilities and varying response rates among population subgroups. First, sample records were classified for weighting according to eligibility for the survey and completion of the return. Second, the sampling weights (the inverse of the selection probabilities) were adjusted to account for sample members whose eligibility could not be determined. Third, the eligibility-adjusted weights were adjusted to account for eligible sample members who did not return usable questionnaires. Fourth, the adjusted weights were post-stratified to population totals. Finally, sampling strata were collapsed to create strata for variance estimation by Taylor series linearization.

Location, completion, and response rates were calculated for the sample and for population subgroups after the field closed and data were received. These rates were computed according to the R3 recommendations of the American Association of Public Opinion Researchers (AAPOR, 2008). The weighted location rate was 86.1%, the weighted completion rate was 36.9%, and the weighted response rate was 31.8%.

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2010 WORKPLACE AND GENDER RELATIONS SURVEY OF ACTIVE DUTY MEMBERS: STATISTICAL METHODOLOGY REPORT

Introduction

This report describes the sample design, sample selection, weighting, and variance estimation procedures for the 2010 Workplace and Gender Relations Survey of Active Duty Members (2010 WGRA). The first section of this report presents the sample design and sample selection procedures. The second and third sections provide information regarding the processing of sample and frame files and the statistical methodology used for sample weighting.

Response rates for the 2010 WGRA have also been computed in accordance with the R3 recommendations of the American Association of Public Opinion Researchers (AAPOR, 2008). The response rates for the full sample and for subgroups and the computation methods are described in the last section of this report.

Sample Design and Selection

Target Population

The 2010 WGRA was designed to represent individuals meeting all of the following criteria:

- 1. Active Duty members in the Army, Navy, Marine Corps and Air Force as well as members of Active Coast Guard;
- 2. At least six months service at the scheduled beginning of the survey fielding period;
- 3. Up to and including paygrade O6.

Fielding of the survey began March 8, 2010 and ended on June 3, 2010.

Sampling Frame

The sampling frame consisted of 1,424,304 records drawn from the June 2009 Active Duty Master Edit File (ADMF). Auxiliary information used to develop the frame was obtained from the July 2009 Defense Enrollment Eligibility Reporting System (DEERS) Point-in-Time Extracts (PITE), and June 2009 Contingency Tracking System (CTS) file.

Sample Design

The 2010 WGRA used a single-stage stratified design. Five population characteristics defined the stratification dimensions: service, gender, paygrade, Race/ethnicity and deployed.

These are the first five variables shown in Table 1. The frame was partitioned into 279 strata, produced by cross-classification of the stratification variables. In some circumstances, levels were collapsed within dimensions. For example, minority deployed and not deployed was collapsed along with senior officers (O4-O6) to form a stratum representing female in the Army. Service and gender were preserved (not collapsed).

Within each stratum, individuals were selected with equal probability and without replacement. Because allocation of the sample was not proportional to the size of the strata, selection probabilities varied among strata, so individuals were not selected with equal probability overall. Nonproportional allocation was used to achieve adequate sample sizes for small subpopulations of analytic interest, the survey reporting domains. These domains included subpopulations defined by the stratification characteristics, as well as others: activation during the past 12 months, and region of residence. Key reporting domains variables are also shown in Table 1.

Sample Allocation

The total sample size 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. Anticipated eligibility and response rates were based on the 2006 Workplace and Gender Relations Survey of Active Duty Members (2006 WGRA).

The allocation was accomplished by means of the DMDC Sample Planning Tool, Version 2.1 (Dever and Mason, 2003). This application is based on the method originally developed by J. R. Chromy (1987), and is described in Mason, Wheeless, George, Dever, Riemer, and Elig (1995). The Tool 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 per-unit costs of data collection, editing, and processing. The variance equations are solved simultaneously, subject to the constraints imposed, for the sample sizes that minimize the cost function. Eligibility rates modify the prevalence rates that are components of the variance equations, thus affecting the allocation; response rates inflate the allocation, thus affecting the final sample size.

Although 85 domains had been defined for the 2010 WGRA allocation, precision constraints were imposed only on those of primary interest. Generally, the precision requirement was that an estimated prevalence rate of 0.5 have 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 a particular sample size.

The total 2010 WGRA sample size was 90,391. Sample sizes by Service are shown in **Error! Reference source not found.** for the levels of the stratification variables. The allocation solution by strata and by reporting domains are presented in Appendix A, Table A1, and Appendix B, Table B1 respectively.

Table 1. Stratification and Key Reporting Domain Variables

Variable	Categories
Service *	• Army
	• Navy
	Marine Corps
	• Air Force
	Coast Guard
Pay Grade *	• E1-E3/Unknown Enlisted
	• E4
	• E5-E6
	• E7-E9
	• W1-W5
	 O1-O3/Unknown Officers
	• O4-O6
Sex*	Male/Unknown
	• Female
Race/Ethnicity*	Non-Minority/Unknown
	Minority
Deployed in the last 12 months	• None (Never Deployed)
	• Yes
	• No
Constructed DoD	• DOD
	Non-DOD
Pay Grade	• E1-E4
	• E5-E9
	• W1-W5
	• O1-O3
	• O4-O6
	 Unknown
Pay Grade Total Enlisted/Officer Code	Enlisted
	 Officer
Race	• White
	• Black
	Hispanic
	Other Race

Note. * denotes stratification variable.

Table 2. Sample Size by Stratification Levels, Member Service

	Total	Army	Navy	Marine Corps	Air Force	Coast Guard
Total	90,391	25,788	18,682	24,719	16,425	4,777
Gender						
Male/Unknown	58,299	15,309	11,423	19,636	8,305	3,626
Female	32,092	10,479	7,259	5,083	8,120	1,151
Paygrade						
E1-E3	29,616	6,341	6,637	12,156	3,579	903
E4	19,197	6,833	3,464	4,810	3,161	929
E5-E6	18,321	4,437	4,477	3,986	4,386	1,035
E7-E9	4,839	1,333	988	961	1,317	240
W1-W5	4,044	2,949	347	394	0	354
O1-O3	8,596	2,234	1,642	1,749	2,191	780
O4-O6	5,778	1,661	1,127	663	1,791	536
Race			-			
Non-minority/Unknown	56,807	15,303	9,512	17,402	11,183	3,407
Minority	33,584	10,485	9,170	7,317	5,242	1,370
Deployed			-			
None	40,593	8,062	8,586	12,359	7,175	4,411
No	35,944	12,793	8,165	8,208	6,458	320
Yes	13,854	4,933	1,931	4,152	2,792	46

Weighting

Analytical weights for the 2010 Workplace and Gender Relations Survey of Active Duty Members were created to account for unequal probabilities of selection and varying response rates among population subgroups. Sampling weights were computed as the inverse of the selection probabilities and then adjusted for nonresponse. Nonresponse adjustments were accomplished in two phases, first the sampling weights were adjusted for eligibility then eligibility weights were adjusted for survey completion. The adjusted weights were poststratified to match the respective population totals and to reduce bias unaccounted for by the previous weighting steps.

Case Dispositions

Final case dispositions for weighting were determined using information from administrative records, field operations (the Survey Control System or SCS), and returned surveys. No single source of information is both complete and accurate; inconsistencies among these sources were resolved according to the order of precedence shown in Table 3.

Table 3.

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	First survey question	Active duty member retired or separated from military; Reservist no longer member of a Reserve Component
4 Eligible, complete response	Item response rate	Item response is at least 50%.
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.
10 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 was also given that the sample person had been hospitalized and was unable to complete the survey, the disposition would be "ineligible."

Case dispositions were assigned for weighting based on eligibility for the survey and completion of the return. Execution of the weighting process as well as computation of response rates both depend on this classification. Sample case disposition frequencies are reported in Table 4.

Table 4.

Description of 2010 WGRA Survey Control System Disposition Codes (SAMP_DC)

SAMP_DC	Description	Sample Cases	Percentage	Sum of Base Weights	Percentage of Sum of Base Weights
1	Record ineligible	3,092	3.42%	44,626	3.13%
2	Ineligble by self- or proxy-report	142	0.16%	2,564	0.18%
3	Ineligible by survey self report	369	0.41%	6,558	0.46%
4	Eligible – complete response	26,505	29.32%	431,053	30.26%
5	Eligible – incomplete response	3,203	3.54%	48,386	3.40%
8	Active refusal – refused, deployed, other	965	1.07%	15,484	1.09%
9	Blank return	588	0.65%	9,445	0.66%
10	PND – postal non-deliverable	13,096	14.49%	191,846	13.47%
11	Non-respondents	42,431	46.94%	674,343	47.35%
	Total	90,391	100.00%	1,424,304	100.00%

Eligible Completed Cases

The total number of eligible complete cases for weighting is shown in Table 5.

Table 5.
Complete Eligible Respondents by Service and Paygrade

Service by Paygrade	Total	Army	Navy	Marine Corps	Air Force	Coast Guard
Paygrade	26,505	6,703	5,330		6,963	2,476
E1-E3	4,339	650	932	1,237	1,253	267
E4	4,012	1,069	718	831	1,016	378
E5-E6	6,432	1,304	1,508	1,171	1,914	535
E7-E9	2,505	661	553	476	656	159
W1-W5	1,895	1,214	213	215	0	253
O1-O3	3,981	856	772	744	1,090	519
O4-O6	3,341	949	634	359	1,034	365

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 values 2, 3, 4, or 5) were adjusted to account for cases of unknown eligibility (samp_dc values 8, 9 10, or 11). Next, the eligibility-adjusted weights for eligible, complete respondents (value 4) were adjusted

to account for eligible sample members who had not returned a completed survey (value 5). Note that record ineligibles (value 1) were excluded from these weighting adjustments.

Finally, the weights were poststratified to match population totals and to reduce bias unaccounted for by the previous weighting adjustments. Poststratification cells were defined by the cross-classification of service branch, gender, paygrade and race. Within each poststratification cell, the nonresponse-adjusted weights for eligible respondents (value 4) and self-reported ineligibles (value 2 or 3) were adjusted to match population counts. Final weights for record ineligibles (value 1) were set to zero. A summary of final weights by service is provided in Table 6.

Table 6.

Final Weights by Service and Paygrade

Service by Paygrade	Army	Navy	Marine Corps	Air Force	Coast Guard
Paygrade	536,931	321,835	199,189	324,582	41,766
E1-E3	113,173	74,556	82,696	65,221	6,575
E4	130,204	49,829	36,381	51,277	7,691
E5-E6	148,081	115,249	45,845	109,571	14,853
E7-E9	56,091	30,264	13,610	33,665	4,357
W1-W5	14,824	1,738	2,002	0	1,800
O1-O3	44,616	30,077	12,361	37,302	4,003
O4-O6	29,942	20,122	6,294	27,546	2,487

Variance Estimation

Analysis of the WGRA2010 data required a variance estimation procedure that accounted for the complex sample design. The final step of the weighting process was to define strata for variance estimation by Taylor series linearization. The WGRA2010 survey variance estimation strata corresponded closely to the design strata; however, it was necessary to collapse some sampling strata containing fewer than 25 cases with non-zero final weights with similar strata. Ninety-one variance estimation strata were defined for the WGRA2010 survey.

Location, Completion, and Response Rates

Location, completion, and response rates were calculated in accordance with the R3 recommendations of (AAPOR, 2008), which estimates the proportion of eligible respondents among cases of unknown eligibility.

Location, completion, and response rates were computed for the WGRA2010 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 cases that contribute to the components of LR, CR, and RR, the disposition codes were grouped as shown in **Error! Reference source not found.**. Record Ineligibles were excluded from calculation of the eligibility rate because it was assumed that all ADMF ineligibles had been identified.

Table 7.
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 Report Ineligible	2, 3

Ineligibility Rate

The ineligibility rate (IR) is defined as

IR = Self Report Ineligible Cases / Eligible Determined Cases.

Estimated Ineligible Postal Non-Deliverable/Not Located Rate

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

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

Adjusted Completion Rate

The adjusted completion rate (ACR) is defined as

Adjusted Response Rate

The adjusted response rate (ARR) is defined as

Unweighted and weighted sample counts used to compute the overall response rates are shown in Table 8. Weighted rates were computed using the sampling weights. The final response rate is the product of the location rate and completion rate. Weighted and Unweighted (observed) location, completion, and response rates for the 2010 WGRA are shown in Table 9. Both weighted and unweighted location, completion, and response rates for the 2010 WGRA survey are shown in Table 10. Weighted rates were computed using the sampling weights.

Table 8.

Comparison of the Final Sample Relative to the Drawn Sample

Case Disposition Categories	Sample	Counts	Weighted	Estimates
	n	%	n	%
Drawn sample & Population	90,391		1,424,304	
Ineligible on master files	-3092	3.42%	-44,626	3.13%
Self-reported ineligible	-511	0.57%	-9,122	0.64%
Total: Ineligible	-3,603	3.99%	-53,748	3.77%
Eligible sample	86,788	96.01%	1,370,556	96.23%
Not located (estimated ineligible)	-211	0.23%	-3408	0.24%
Not located (estimated eligible)	-12,885	14.26%	-188,438	13.23%
Total not located	-13,096	14.49%	-191,846	13.47%
Located sample	73,692	81.53%	1,178,710	82.76%
Requested removal from survey mailings	-965	1.07%	-15,484	1.09%
Returned blank	-588	0.65%	-9,445	0.66%
Skipped key questions	-3203	3.54%	-48,386	3.40%
Did not return a survey (estimated ineligible)	-682	0.75%	-11,979	0.84%
Did not return a survey (estimated				
eligible)	-41,749	46.19%	-662,363	46.50%
Total: Nonresponse	-47,187	52.20%	-747,657	52.49%
Usable responses	26,505	29.32%	431,053	30.26%

Notes

A total of 3,603 sample members (3.99%) were lost from the final sample through classification as ineligible. Elimination of ineligibles resulted in decreasing the sample to

^{1.} 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 ineligibles / (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.

^{2.} 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.

96.01% (N=86,788) of its original size. Because of the address update procedure, less than 14.49% of the drawn sample (13,096 of 90,391) was lost because the sample members could not be located. Losses attributable to either ineligibility or unlocatability resulted in a sample that was 81.53% of the drawn sample. Nonrespondents included the following groups: sample members who contacted the operations contractor (by mail, fax, e-mail, Web, or telephone) and asked to have their names removed from the survey mailing list, and 42,431 sample members who did not return a survey. At the conclusion of the survey fielding, 26,505 eligible, locatable sample members had returned usable surveys.

Table 9.

Location, Completion, and Response Rates

Type of Rate	Computation	Observed Rates	Weighted Rates
Location	Adjusted located sample / Adjusted eligible sample	85.0%	86.1%
Completion	Usable responses / Adjusted located sample	36.3%	36.9%
Response	Usable responses / Adjusted eligible sample	30.9%	31.8%

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Table 10.
Rates for Full Sample and Stratification Level

Stratification/ Domain Variable	Stratification /Domain Variable Levels	Sample	Usable Responses	Sum of Weights	Eligibility Adjusted Response Rate	Weighted Location Rate	Weighted Completion Rate	Weighted Response Rate
Sample	Sample	90,391	26,505	1,424,304	31.9 ± 0.4	86.1%	36.9%	31.8%
Sumpre	Army	25,788	6,703	536,958	26.3 ± 0.7	82.1%	31.8%	26.1%
	Navy	18,682	5,330	321,844	32.7 ± 0.8	85.3%	38.3%	32.7%
Service	Marine Corps	24,719	5,033	199,171	22.4 ± 0.5	82.9%	26.9%	22.3%
	Air Force	16,425	6,963	324,582	43.6 ± 0.9	94.2%	46.2%	43.5%
	Coast Guard	4,777	2,476	41,749	51.8 ± 1.6	95.3%	54.2%	51.7%
	E1-E3	29,616	4,339	342,221	14.9 ± 0.4	74.4%	19.9%	14.8%
	E4	19,197	4,012	275,382	19.6 ± 0.7	79.9%	24.4%	19.5%
	E5-E6	18,321	6,432	433,599	35.6 ± 0.8	90.9%	39.0%	35.5%
Pay Group	E7-E9	4,839	2,505	137,987	55.3 ± 1.8	97.1%	56.7%	55.0%
	W1-W5	4,044	1,895	20,365	49.1 ± 1.4	95.4%	51.3%	48.9%
	O1-O3	8,596	3,981	128,359	44.5 ± 1.2	93.0%	47.9%	44.5%
	O4-O6	5,778	3,341	86,391	59.8 ± 1.4	97.7%	61.1%	59.7%
Gender	Male	58,299	15,865	1,222,464	31.0 ± 0.4	85.8%	36.0%	30.9%
Gender	Female	32,092	10,640	201,840	37.5 ± 0.6	87.7%	42.7%	37.4%
	Non-minority/							
Race	Unknown	56,807	17,570	945,472	33.7 ± 0.5	86.9%	38.7%	33.6%
	Minority	33,584	8,935	478,832	28.3 ± 0.6	84.6%	33.4%	28.3%
	Non-match to	40.502	10.620	501 220	205.05	92.69	24.40	20.40
Deploy	CTS file	40,593	10,628	591,239	28.5 ± 0.5	82.6%	34.4%	28.4%
	No Yes	35,944 13,854	11,909 3,968	698,230	35.1 ± 0.6	89.1% 85.9%	39.3%	35.0%
Constant	Non-DOD	4,777		134,835	30.3 ± 1.2		35.1%	30.2%
Constructed DoD	DOD	85,614	2,476	41,749 1,382,555	51.8 ± 1.6 31.3 ± 0.4	95.3% 85.8%	54.2% 36.4%	51.7% 31.2%
Pay Group	ם ססט	83,014	24,029	1,362,333	31.3 ± 0.4	83.8%	30.4%	31.2%
Total	Enlisted	71,973	17,288	1,189,189	28.2 ± 0.4	84.3%	33.3%	28.1%
Enlisted/		,> , -	-,,	-,,,,		5 110 / 1		
Officers	Officer	18,418	9,217	235,115	50.5 ± 0.8	94.9%	53.1%	50.4%
	White/							
Race/	Unknown	56,798	17,565	945,302	33.7 ± 0.5	86.9%	38.7%	33.6%
Ethnicity	Black	15,912	4,129	230,436	28.1 ± 1.0	85.0%	32.9%	28.0%
Zimicity	Hispanic	10,821	2,790	152,338	27.6 ± 1.1	83.7%	32.9%	27.5%
	Other	6,860	2,021	96,228	30.2 ± 1.4	85.0%	35.4%	30.1%

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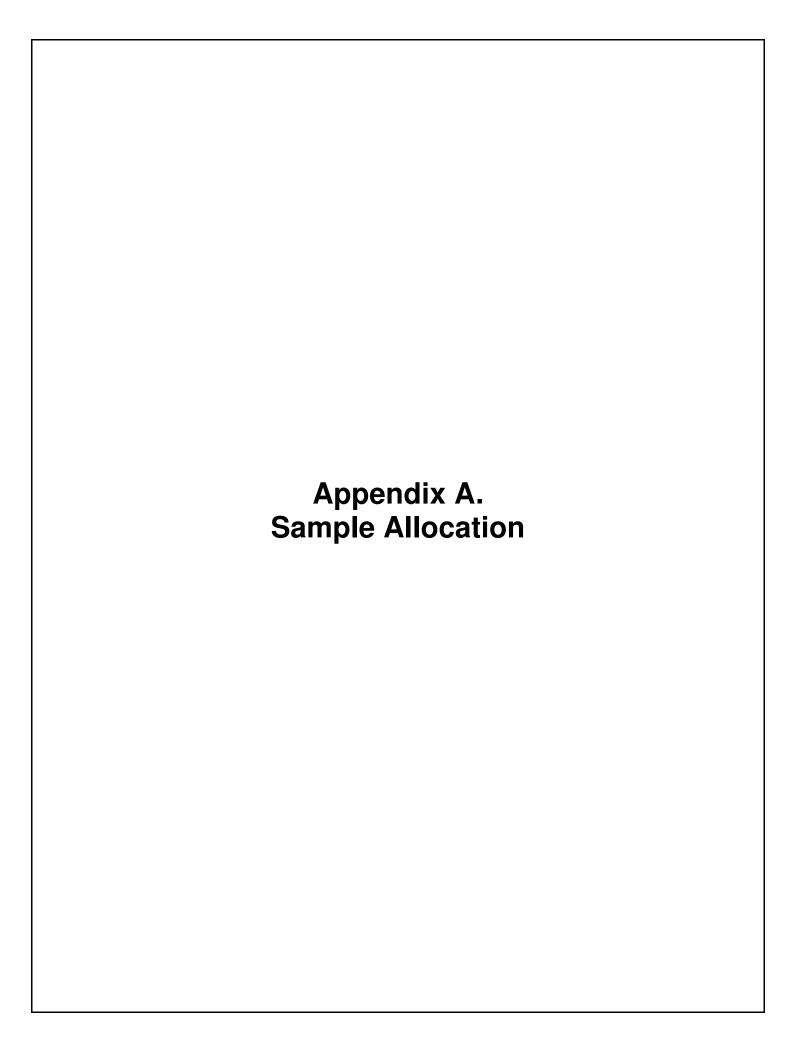


Table A1.
Sample Allocation

	Stratum		Sample	%	
Stratum	Size	Allocation	Size	Sampled	Label
1	51,004	171	1,789	3.5	001Army_Male_E1-E3_Non-Minority_non
2	14,541	42	601	4.1	002Army_Male_E1-E3_Non-Minority_No
3	3,050	9	135	4.4	003Army_Male_E1-E3_Non-Minority_Yes
4	21,614	72	757	3.5	004Army_Male_E1-E3_Minoritynon
5	6,100	18	257	4.2	005Army_Male_E1-E3_Minority_No
6	1,129	4	60	5.3	006Army_Male_E1-E3_Minority_Yes
7	17,702	87	421	2.4	007Army_Male_E4_Non-Minority_non
8	48,103	195	1,386	2.9	008Army_Male_E4_Non-Minority_No
9	11,869	47	360	3.0	009Army_Male_E4_Non-Minority_Yes
10	8,391	37	222	2.6	010Army_Male_E4_Minority_non
11	21,554	79	699	3.2	011Army_Male_E4_Minority_No
12	4,911	18	172	3.5	012Army_Male_E4_Minority_Yes
13	7,372	49	128	1.7	013Army_Male_E5-E6_Non-Minority_non
14	62,310	376	1,192	1.9	014Army_Male_E5-E6_Non-Minority_No
15	11,097	67	217	2.0	015Army_Male_E5-E6_Non-Minority_Yes
16	4,549	29	84	1.8	016Army_Male_E5-E6_Minority_non
17	37,997	218	767	2.0	017Army_Male_E5-E6_Minority_No
18	6,360	36	130	2.0	018Army_Male_E5-E6_Minority_Yes
19	3,746	32	53	1.4	019Army_Male_E7-E9_Non-Minority_non
20	22,065	179	315	1.4	020Army_Male_E7-E9_Non-Minority_No
21	3,396	28	47	1.4	021Army_Male_E7-E9_Non-Minority_Yes
22	3,162	25	47	1.5	022Army_Male_E7-E9_Minority_non
23	15,311	117	234	1.5	023Army_Male_E7-E9_Minority_No
24	2,318	18	36	1.6	024Army_Male_E7-E9_Minority_Yes
25	8,973	151	323	3.6	025Army_Male_O1-O3_Non-Minority_non
26	16,070	260	600	3.7	026Army_Male_O1-O3_Non-Minority_No
27	2,903	43	119	4.1	027Army_Male_O1-O3_Non-Minority_Yes
28	2,290	37	90	3.9	028Army_Male_O1-O3_Minority_non
29	4,828	73	196	4.1	029Army_Male_O1-O3_Minority_No
30	831	12	38	4.6	030Army_Male_O1-O3_Minority_Yes
31	3,581	100	149	4.2	031Army_Male_O4-O6_Non-Minority_non
32	15,501	420	657	4.2	032Army_Male_O4-O6_Non-Minority_No
33	2,239	58	102	4.6	033Army_Male_O4-O6_Non-Minority_Yes
34	854	22	39	4.6	034Army_Male_O4-O6_Minority_non
35	3,318	84	152	4.6	035Army_Male_O4-O6_Minority_No
36	476	12	26	5.5	036Army_Male_O4-O6_Minority_Yes
37	6,675	196	961	14.4	037Army_Female_E1-E3_Non-Minority_non
38	1,069	28	182	17.0	038Army_Female_E1-E3_Non-Minority_No
39	214	25	173	80.8	039Army_Female_E1-E3_Non-Minority_Yes
40	6,434	172	1,013	15.7	040Army_Female_E1-E3_Minority_non
41	1,107	26	205	18.5	041Army_Female_E1-E3_Minority_No
42	236	25	208	88.1	042Army_Female_E1-E3_Minority_Yes
43	3,530	128	412	11.7	043Army_Female_E4_Non-Minority_non

44 3,779 116 522 13.8 044Army_Female_E4_Non-Mino 45 836 110 561 67.1 045Army_Female_E4_Non-Mino 46 3,975 119 561 14.1 046Army_Female_E4_Minority_I	•
	rity Ves
46 3,975 119 561 14.1 046Army_Female_E4_Minority_1	nity_1 cs
	non
47 4,604 122 741 16.1 047Army_Female_E4_Minority_1	No
48 950 103 776 81.7 048Army_Female_E4_Minority_	Yes
49 1,547 41 85 5.5 049Army_Female_E5-E6_Non-M	Iinority_non
50 4,293 104 255 5.9 050Army_Female_E5-E6_Non-M	Iinority_No
51 646 117 302 46.7 051Army_Female_E5-E6_Non-M	Iinority_Yes
52 2,675 63 165 6.2 052Army_Female_E5-E6_Minori	ty_non
53 8,128 179 531 6.5 053Army_Female_E5-E6_Minori	ty_No
54 1,107 177 581 52.5 054Army_Female_E5-E6_Minori	ty_Yes
55 536 17 26 4.9 055Army_Female_E7-E9_Non-M	Iinority_non
56 1,245 140 228 18.3 056Army_Female_E7-E9_Non-M	Inority_No/Yes
57 1,354 38 72 5.3 057Army_Female_E7-E9_Minori	ty_non
58 2,643 71 143 5.4 058Army_Female_E7-E9_Minori	ty_No
59 315 64 132 41.9 059Army_Female_E7-E9_Minori	ty_Yes
60 2,701 85 166 6.1 060Army_Female_O1-O3_Non-N	Minority_non
61 2,339 73 145 6.2 061Army_Female_O1-O3_Non-N	Minority_No
62 412 76 192 46.6 062Army_Female_O1-O3_Non-N	Minority_Yes
63 1,309 37 92 7.0 063Army_Female_O1-O3_Minor	rity_non
64 1,671 47 119 7.1 064Army_Female_O1-O3_Minor	rity_No
65 289 46 154 53.3 065Army_Female_O1-O3_Minor	rity_Yes
66 906 37 56 6.2 066Army_Female_O4-O6_Non-N	Minority_non
67 1,632 171 264 16.2 067Army_Female_O4-O6_Non-N	Minority_No/Yes
68 476 17 33 6.9 068Army_Female_O4-O6_Minor	rity_non
69 959 92 183 19.1 069Army_Female_O4-O6_Minor	ity_No/Yes
70 22,442 118 1,357 6.0 070Navy_Male_E1-E3_Non-Mine	ority_non
71 4,198 22 277 6.6 071Navy_Male_E1-E3_Non-Mine	ority_No
72 1,036 6 81 7.8 072Navy_Male_E1-E3_Non-Mine	ority_Yes
73 25,246 136 1,490 5.9 073Navy_Male_E1-E3_Minority_	_non
74 5,855 30 372 6.4 074Navy_Male_E1-E3_Minority_	_No
75 1,352 7 89 6.6 075Navy_Male_E1-E3_Minority_	_Yes
76 10,332 85 395 3.8 076Navy_Male_E4_Non-Minority	y_non
77 9,132 68 396 4.3 077Navy_Male_E4_Non-Minority	y_No
78 1,482 11 67 4.5 078Navy_Male_E4_Non-Minority	y_Yes
79 8,679 66 362 4.2 079Navy_Male_E4_Minority_nor	n
80 10,251 70 481 4.7 080Navy_Male_E4_Minority_No)
81 1,358 10 72 5.3 081Navy_Male_E4_Minority_Ye	S
82 16,099 169 481 3.0 082Navy_Male_E5-E6_Non-Mine	ority_non
83 36,188 372 1,099 3.0 083Navy_Male_E5-E6_Non-Mine	ority_No
84 3,556 36 110 3.1 084Navy_Male_E5-E6_Non-Mine	ority_Yes
85 10,118 102 313 3.1 085Navy_Male_E5-E6_Minority_	_non
86 30,925 303 985 3.2 086Navy_Male_E5-E6_Minority_	_No
87 2,625 26 85 3.2 087Navy_Male_E5-E6_Minority_	Yes
88 4,944 64 122 2.5 088Navy_Male_E7-E9_Non-Mine	ority_non
89 12,039 156 290 2.4 089Navy_Male_E7-E9_Non-Mine	ority_No
90 1,083 15 28 2.6 090Navy_Male_E7-E9_Non-Mine	ority_Yes
91 2,296 28 60 2.6 091Navy_Male_E7-E9_Minority_	_non

92 7,174 88 183 2.6 092Navy_Male_E7-E9_Minority_No 93 494 7 14 2.8 093Navy_Male_E7-E9_Minority_Yes 94 9,577 188 391 4.1 094Navy_Male_D1-O3_Non-Minority_non 95 9,038 175 374 4.1 095Navy_Male_D1-O3_Non-Minority_No 96 1,138 22 50 4.4 096Navy_Male_D1-O3_Non-Minority_No 97 2,242 42 96 4.3 097Navy_Male_D1-O3_Minority_No 98 2,569 48 112 4.4 096Navy_Male_D1-O3_Minority_No 99 251 5 13 5.2 099Navy_Male_D1-O3_Minority_No 100 4,682 134 219 4.7 100Navy_Male_D1-O3_Minority_No 101 9,381 265 447 4.8 101Navy_Male_O4-O6_Non-Minority_non 102 686 19 34 5.0 102Navy_Male_O4-O6_Non-Minority_No 102 686 19 34 5.0 102Navy_Male_O4-O6_Non-Minority_Yes 103 826 22 42 5.1 103Navy_Male_O4-O6_Minority_non 104 1,948 51 101 5.2 104Navy_Male_O4-O6_Minority_non 105 4,199 112 666 15.9 105Navy_Female_E1-E3_Non-Minority_non 106 829 60 416 50.2 106Navy_Female_E1-E3_Non-Minority_No 107 7,590 188 1,295 17.1 107Navy_Female_E1-E3_Minority_No 109 395 42 338 85.6 109Navy_Female_E1-E3_Minority_No 109 395 42 338 85.6 109Navy_Female_E1-E3_Minority_No 110 1,905 67 234 12.3 110Navy_Female_E4_Non-Minority_Yes 111 1,438 106 461 32.1 111Navy_Female_E4_Non-Minority_Yes 112 2,620 78 377 14.4 112Navy_Female_E4_Minority_No 113 2,296 62 363 15.8 113Navy_Female_E4_Minority_No 114 336 40 256 76.2 114Navy_Female_E4_Minority_No 115 2,053 52 115 5.6 115Navy_Female_E4_Minority_No 116 3,891 92 238 6.1 116Navy_Female_E5-E6_Non-Minority_No 117 350 62 165 47.1 117Navy_Female_E5-E6_Non-Minority_No 118 2,728 60 182 6.7 118Navy_Female_E5-E6_Minority_No 119 6,181 131 420 6.8 119Navy_Female_E5-E6_Minority_No 110 5.5 121Navy_Female_E5-E6_Minority_No 1110 5.5 121Navy_Female_E5-E6_Minority_No 1120 535 86 284 53.1 120Navy_Female_E7-E9_Non-Minority_No 113 200 535 86 284 53.1 120Navy_Female_E7-E9_Non-Minority_No 120 535 86 284 53.1 121Navy_Female_E7-E9_Non-Minority_No 121 22 812 66 121 14.9 122Navy_Female_E7-E9_Non-Minorit	
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96 1,138 22 50 4.4 096Navy_Male_O1-O3_Non-Minority_Yes 97 2,242 42 96 4.3 097Navy_Male_O1-O3_Minority_non 98 2,569 48 112 4.4 098Navy_Male_O1-O3_Minority_No 99 251 5 13 5.2 099Navy_Male_O1-O3_Minority_No 100 4,682 134 219 4.7 100Navy_Male_O4-O6_Non-Minority_non 101 9,381 265 447 4.8 101Navy_Male_O4-O6_Non-Minority_No 102 686 19 34 5.0 102Navy_Male_O4-O6_Non-Minority_Yes 103 826 22 42 5.1 103Navy_Male_O4-O6_Minority_non 104 1,948 51 101 5.2 104Navy_Male_O4-O6_Minority_No/Yes 105 4,199 112 666 15.9 105Navy_Female_E1-E3_Non-Minority_non 106 829 60 416 50.2 106Navy_Female_E1-E3_Non-Minority_No/Yes 107 7,590 188 1,295 17.1 107Navy_Female_E1-E3_Minority_non 108 1,414 33 256 18.1 108Navy_Female_E1-E3_Minority_No 109 395 42 338 85.6 109Navy_Female_E1-E3_Minority_No 110 1,905 67 234 12.3 110Navy_Female_E4_Non-Minority_No/Yes 111 1,438 106 461 32.1 111Navy_Female_E4_Non-Minority_No/Yes 112 2,620 78 377 14.4 112Navy_Female_E4_Minority_No 114 336 40 256 76.2 114Navy_Female_E4_Minority_No 115 2,053 52 115 5.6 115Navy_Female_E4_Minority_No 116 3,891 92 238 6.1 116Navy_Female_E5-E6_Non-Minority_No 117 350 62 165 47.1 117Navy_Female_E5-E6_Non-Minority_No 119 6,181 131 420 6.8 119Navy_Female_E5-E6_Non-Minority_No 119 6,181 131 420 6.8 119Navy_Female_E5-E6_Non-Minority_No 110 120 535 86 284 53.1 120Navy_Female_E5-E6_Minority_No 110 5.9 121Navy_Female_E5-E6_Minority_No 111 2,90 9 17 5.9 121Navy_Female_E5-E6_Minority_No 111 2,90 9 17 5.9 121Navy_Female_E7-E9_Non-Minority_No/No 112 2,90 9 17 5.9 121Navy_Female_E7-E9_Non-Minority_No/No/No/No/No/No/No/No/No/No/No/No/No/N	
97 2,242 42 96 4.3 097Navy_Male_O1-O3_Minority_non 98 2,569 48 112 4.4 098Navy_Male_O1-O3_Minority_No 99 251 5 13 5.2 099Navy_Male_O1-O3_Minority_Yes 100 4,682 134 219 4.7 100Navy_Male_O4-O6_Non-Minority_non 101 9,381 265 447 4.8 101Navy_Male_O4-O6_Non-Minority_No 102 686 19 34 5.0 102Navy_Male_O4-O6_Non-Minority_Yes 103 826 22 42 5.1 103Navy_Male_O4-O6_Minority_non 104 1,948 51 101 5.2 104Navy_Male_O4-O6_Minority_No/Yes 105 4,199 112 666 15.9 105Navy_Female_E1-E3_Non-Minority_non 106 829 60 416 50.2 106Navy_Female_E1-E3_Non-Minority_non 107 7,590 188 1,295 17.1 107Navy_Female_E1-E3_Minority_non 108 1,414 33 256 18.1 108Navy_Female_E1-E3_Minority_No/Yes 110 1,905 67 234 12.3 110Navy_Female_E1-E3_Minority_Yes 110 1,905 67 234 12.3 110Navy_Female_E4_Non-Minority_No/Yes 111 1,438 106 461 32.1 111Navy_Female_E4_Non-Minority_No/Yes 112 2,620 78 377 14.4 112Navy_Female_E4_Non-Minority_No/Yes 113 2,296 62 363 15.8 113Navy_Female_E4_Minority_No 114 336 40 256 76.2 114Navy_Female_E4_Minority_No 115 2,053 52 115 5.6 115Navy_Female_E4_Minority_No 116 3,891 92 238 6.1 116Navy_Female_E5-E6_Minority_No 117 350 62 165 47.1 117Navy_Female_E5-E6_Minority_No 119 6,181 131 420 6.8 119Navy_Female_E5-E6_Minority_No 120 535 86 284 53.1 120Navy_Female_E5-E6_Minority_No 120 535 86 284 53.1 120Navy_Female_E5-E6_Minority_No 121 290 9 17 5.9 121Navy_Female_E7-E9_Non-Minority_No/Yes 122 812 66 121 14.9 122Navy_Female_E7-E9_Non-Minority_No/Yes	
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121 290 9 17 5.9 121Navy_Female_E7-E9_Non-Minority_non 122 812 66 121 14.9 122Navy_Female_E7-E9_Non-Minority_No/Y	
122 812 66 121 14.9 122Navy_Female_E7-E9_Non-Minority_No/Y	
123 292 8 19 6.5 123Navy_Female_E7-E9_Minority_non	es
124 840 58 134 16.0 124Navy_Female_E7-E9_Minority_No/Yes	
125 2,191 67 137 6.3 125Navy_Female_O1-O3_Non-Minority_non	
126 1,563 133 288 18.4 126Navy_Female_O1-O3_Non-Minority_No/Y	es
127 904 25 64 7.1 127Navy_Female_O1-O3_Minority_non	
128 604 44 117 19.4 128Navy_Female_O1-O3_Minority_No/Yes	
129 1,021 39 67 6.6 129Navy_Female_O4-O6_Non-Minority_non	
130 967 79 141 14.6 130Navy_Female_O4-O6_Non-Minority_No/Y	
131 294 10 24 8.2 131Navy_Female_O4-O6_Minority_non	es
132 317 22 52 16.4 132Navy_Female_O4-O6_Minority_No/Yes	es
133 46,301 469 5,876 12.7 133Marine Corps_Male_E1-E3_Non-Minority_	es
134 7,427 68 1,057 14.2 134Marine Corps_Male_E1-E3_Non-Minority_	
135 6,259 56 928 14.8 135Marine Corps_Male_E1-E3_Non-Minority	non
136 13,768 142 1,724 12.5 136Marine Corps_Male_E1-E3_Minority_non	non No
137 1,977 19 289 14.6 137Marine Corps_Male_E1-E3_Minority_No	non No
138 1,915 18 286 14.9 138Marine Corps_Male_E1-E3_Minority_Yes	non No
139 7,586 108 693 9.1 139Marine Corps_Male_E4_Non-Minority_no	non No

140	11,113	132	1,209	10.9	140Marine Corps_Male_E4_Non-Minority_No
141	6,324	74	712	11.3	141Marine Corps_Male_E4_Non-Minority_Yes
142	2,792	36	280	10.0	142Marine Corps_Male_E4_Minority_non
143	3,901	43	470	12.0	143Marine Corps_Male_E4_Minority_No
144	2,012	22	256	12.7	144Marine Corps_Male_E4_Minority_Yes
145	3,932	70	285	7.2	145Marine Corps_Male_E5-E6_Non-Minority_non
146	19,203	320	1,473	7.7	146Marine Corps_Male_E5-E6_Non-Minority_No
147	4,827	78	385	8.0	147Marine Corps_Male_E5-E6_Non-Minority_Yes
148	2,421	41	184	7.6	148Marine Corps_Male_E5-E6_Minority_non
149	10,247	160	845	8.2	149Marine Corps_Male_E5-E6_Minority_No
150	2,362	37	200	8.5	150Marine Corps_Male_E5-E6_Minority_Yes
151	1,147	26	66	5.8	151Marine Corps_Male_E7-E9_Non-Minority_non
152	5,478	121	319	5.8	152Marine Corps_Male_E7-E9_Non-Minority_No
153	1,240	28	74	6.0	153Marine Corps_Male_E7-E9_Non-Minority_Yes
154	979	21	62	6.3	154Marine Corps_Male_E7-E9_Minority_non
155	3,289	68	209	6.4	155Marine Corps_Male_E7-E9_Minority_No
156	757	16	49	6.5	156Marine Corps_Male_E7-E9_Minority_Yes
157	4,003	99	290	7.2	157Marine Corps_Male_O1-O3_Non-Minority_non
158	4,066	96	305	7.5	158Marine Corps_Male_O1-O3_Non-Minority_No
159	1,580	34	130	8.2	159Marine Corps_Male_O1-O3_Non-Minority_Yes
160	650	15	50	7.7	160Marine Corps_Male_O1-O3_Minority_non
161	904	21	74	8.2	161Marine Corps_Male_O1-O3_Minority_No
162	284	6	26	9.2	162Marine Corps_Male_O1-O3_Minority_Yes
163	516	17	37	7.2	163Marine Corps_Male_O4-O6_Non-Minority_non
164	3,818	121	279	7.3	164Marine Corps_Male_O4-O6_Non-Minority_No
165	827	25	66	8.0	165Marine Corps_Male_O4-O6_Non-Minority_Yes
166	929	27	77	8.3	166Marine Corps_Male_O4-O6_Minority_All
167	3,054	164	968	31.7	167Marine Corps_Female_E1-E3_Non-Minority_non
168	278	30	219	78.8	168Marine Corps_Female_E1-E3_Non-Minority_
169	1,717	93	809	47.1	169Marine Corps_Female_E1-E3_Minority_All
170	896	57	247	27.6	170Marine Corps_Female_E4_Non-Minority_non
171	416	23	134	32.2	171Marine Corps_Female_E4_Non-Minority_No
172	315	40	258	81.9	172Marine Corps_Female_E4_Non-Minority_Yes
173	553	30	186	33.6	173Marine Corps_Female_E4_Minority_non
174	473	42	365	77.2	174Marine Corps_Female_E4_Minority_No/Yes
175	522	12	38	7.3	175Marine Corps_Female_E5-E6_Non-Minority_non
176	698	14	52	7.4	176Marine Corps_Female_E5-E6_Non-Minority_No
177	218	33	128	58.7	177Marine Corps_Female_E5-E6_Non-Minority_Yes
178	512	10	41	8.0	178Marine Corps_Female_E5-E6_Minority_non
179	903	73	355	39.3	179Marine Corps_Female_E5-E6_Minority_No/Yes
180	311	32	76	24.4	180Marine Corps_Female_E7-E9_Non-Minority_All
181	409	33	106	25.9	181Marine Corps_Female_E7-E9_Minority_All
182	313	247	313	100.0	182Marine Corps_Female_O1-O3_Non-Minority_non
					183Marine Corps_Female_O1-O3_Non-
183	348	272	348	100.0	Minority_No/Yes
184	213	147	213	100.0	184Marine Corps_Female_O1-O3_Minority_All
185	204	174	204	100.0	185Marine Corps_Female_O4-O6_All_All
186	33,884	234	1,111	3.3	186Air Force_Male_E1-E3_Non-Minority_non
187	3,764	26	125	3.3	187Air Force_Male_E1-E3_Non-Minority_No

188	1,960	14	67	3.4	188Air Force_Male_E1-E3_Non-Minority_Yes
189	10,258	70	342	3.3	189Air Force_Male_E1-E3_Minority_non
190	1,200	9	44	3.7	190Air Force_Male_E1-E3_Minority_No
191	619	5	25	4.0	191Air Force_Male_E1-E3_Minority_Yes
192	12,838	100	378	2.9	192Air Force_Male_E4_Non-Minority_non
193	13,212	97	411	3.1	193Air Force_Male_E4_Non-Minority_No
194	4,234	31	133	3.1	194Air Force_Male_E4_Non-Minority_Yes
195	4,124	29	136	3.3	195Air Force_Male_E4_Minority_non
196	4,797	32	168	3.5	196Air Force_Male_E4_Minority_No
197	1,374	9	48	3.5	197Air Force_Male_E4_Minority_Yes
198	15,396	139	386	2.5	198Air Force_Male_E5-E6_Non-Minority_non
199	41,009	373	1,009	2.5	199Air Force_Male_E5-E6_Non-Minority_No
200	6,839	63	170	2.5	200Air Force_Male_E5-E6_Non-Minority_Yes
201	5,606	48	152	2.7	201Air Force_Male_E5-E6_Minority_non
202	15,758	135	413	2.6	202Air Force_Male_E5-E6_Minority_No
203	2,423	21	64	2.6	203Air Force_Male_E5-E6_Minority_Yes
204	6,663	69	148	2.2	204Air Force_Male_E7-E9_Non-Minority_non
205	13,441	144	282	2.1	205Air Force_Male_E7-E9_Non-Minority_No
206	1,823	20	38	2.1	206Air Force_Male_E7-E9_Non-Minority_Yes
207	2,294	22	57	2.5	207Air Force_Male_E7-E9_Minority_non
208	4,124	41	95	2.3	208Air Force_Male_E7-E9_Minority_No
209	583	6	14	2.4	209Air Force_Male_E7-E9_Minority_Yes
210	13,637	229	578	4.2	210Air Force_Male_O1-O3_Non-Minority_non
211	9,307	156	398	4.3	211Air Force_Male_O1-O3_Non-Minority_No
212	2,550	42	112	4.4	212Air Force_Male_O1-O3_Non-Minority_Yes
213	2,005	32	95	4.7	213Air Force_Male_O1-O3_Minority_non
214	1,610	25	75	4.7	214Air Force_Male_O1-O3_Minority_No
215	348	6	19	5.5	215Air Force_Male_O1-O3_Minority_Yes
216	6,823	171	346	5.1	216Air Force_Male_O4-O6_Non-Minority_non
217	12,421	310	631	5.1	217Air Force_Male_O4-O6_Non-Minority_No
218	1,535	38	79	5.1	218Air Force_Male_O4-O6_Non-Minority_Yes
219	957	22	57	6.0	219Air Force_Male_O4-O6_Minority_non
220	1,493	33	86	5.8	220Air Force_Male_O4-O6_Minority_No
221	218	5	13	6.0	221Air Force_Male_O4-O6_Minority_Yes
222	8,057	295	920	11.4	222Air Force_Female_E1-E3_Non-Minority_non
223	565	21	66	11.7	223Air Force_Female_E1-E3_Non-Minority_No
224	273	45	145	53.1	224Air Force_Female_E1-E3_Non-Minority_Yes
225	4,173	140	525	12.6	225Air Force_Female_E1-E3_Minority_non
226	468	55	209	44.7	226Air Force_Female_E1-E3_Minority_No/Yes
227	3,805	137	446	11.7	227Air Force_Female_E4_Non-Minority_non
228	2,276	79	282	12.4	228Air Force_Female_E4_Non-Minority_No
229	678	103	387	57.1	229Air Force_Female_E4_Non-Minority_Yes
230	2,144	64	305	14.2	230Air Force_Female_E4_Minority_non
231	1,436	41	212	14.8	231Air Force_Female_E4_Minority_No
232	359	46	255	71.0	232Air Force_Female_E4_Minority_Yes
233	4,685	109	289	6.2	233Air Force_Female_E5-E6_Non-Minority_non
234	6,984	163	430	6.2	234Air Force_Female_E5-E6_Non-Minority_No
235	877	157	413	47.1	235Air Force_Female_E5-E6_Non-Minority_Yes
			ı		

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236	3,546	72	253	7.1	236Air Force_Female_E5-E6_Minority_non
237	5,702	116	404	7.1	237Air Force_Female_E5-E6_Minority_No
238	746	117	403	54.0	238Air Force_Female_E5-E6_Minority_Yes
239	1,198	31	71	5.9	239Air Force_Female_E7-E9_Non-Minority_non
240	1,705	170	320	18.8	240Air Force_Female_E7-E9_Non-Minority_No/Yes
241	810	18	58	7.2	241Air Force_Female_E7-E9_Minority_non
242	1,024	79	234	22.9	242Air Force_Female_E7-E9_Minority_No/Yes
243	3,974	109	283	7.1	243Air Force_Female_O1-O3_Non-Minority_non
244	1,796	52	123	6.8	244Air Force_Female_O1-O3_Non-Minority_No
245	380	65	192	50.5	245Air Force_Female_O1-O3_Non-Minority_Yes
246	1,021	23	88	8.6	246Air Force_Female_O1-O3_Minority_non
247	674	59	228	33.8	247Air Force_Female_O1-O3_Minority_No/Yes
248	1,486	52	109	7.3	248Air Force_Female_O4-O6_Non-Minority_non
249	1,727	169	305	17.7	249Air Force_Female_O4-O6_Non-Minority_No/Yes
250	428	11	42	9.8	250Air Force_Female_O4-O6_Minority_non
251	458	32	123	26.9	251Air Force_Female_O4-O6_Minority_No/Yes
252	3,524	78	415	11.8	252Coast Guard_Male_E1-E3_Non-Minority_All
253	1,981	44	239	12.1	253Coast Guard_Male_E1-E3_Minority_All
254	4,184	112	407	9.7	254Coast Guard_Male_E4_Non-Minority_non
255	242	7	28	11.6	255Coast Guard_Male_E4_Non-Minority_No/Yes
256	2,274	55	251	11.0	256Coast Guard_Male_E4_Minority_All
257	8,734	158	456	5.2	257Coast Guard_Male_E5-E6_Non-Minority_non
258	1,035	20	53	5.1	258Coast Guard_Male_E5-E6_Non-Minority_No/Yes
259	3,070	51	177	5.8	259Coast Guard_Male_E5-E6_Minority_non
260	393	7	23	5.9	260Coast Guard_Male_E5-E6_Minority_No/Yes
261	3,042	63	143	4.7	261Coast Guard_Male_E7-E9_Non-Minority_non
262	326	8	16	4.9	262Coast Guard_Male_E7-E9_Non-Minority_No/Yes
263	700	15	31	4.4	263Coast Guard_Male_E7-E9_Minority_All
264	2,193	181	404	18.4	264Coast Guard_Male_O1-O3_Non-Minority_non
					265Coast Guard_Male_O1-O3_Non-
265	291	28	47	16.2	Minority_No/Yes
266	654	50	134	20.5	266Coast Guard_Male_O1-O3_Minority_All
267	1,894	259	388	20.5	267Coast Guard_Male_O4-O6_Non-Minority_All
268	304	36	75	24.7	268Coast Guard_Male_O4-O6_Minority_All
269	714	56	160	22.4	269Coast Guard_Female_E1-E3_Non-Minority_All
270	356	25	89	25.0	270Coast Guard_Female_E1-E3_Minority_All
271	679	53	155	22.8	271Coast Guard_Female_E4_Non-Minority_All
272	312	20	88	28.2	272Coast Guard_Female_E4_Minority_All
273	1,131	94	217	19.2	273Coast Guard_Female_E5-E6_Non-Minority_All
274	490	36	109	22.2	274Coast Guard_Female_E5-E6_Minority_All
275	289	27	50	17.3	275Coast Guard_Female_E7-E9_All_All
276	659	95	134	20.3	276Coast Guard_Female_O1-O3_Non-Minority_All
277	206	21	61	29.6	277Coast Guard_Female_O1-O3_Minority_All
278	289	50	73	25.3	278Coast Guard_Female_O4-O6_All_All
279	20,365	1,987	4,044	19.9	279Warrant Officer



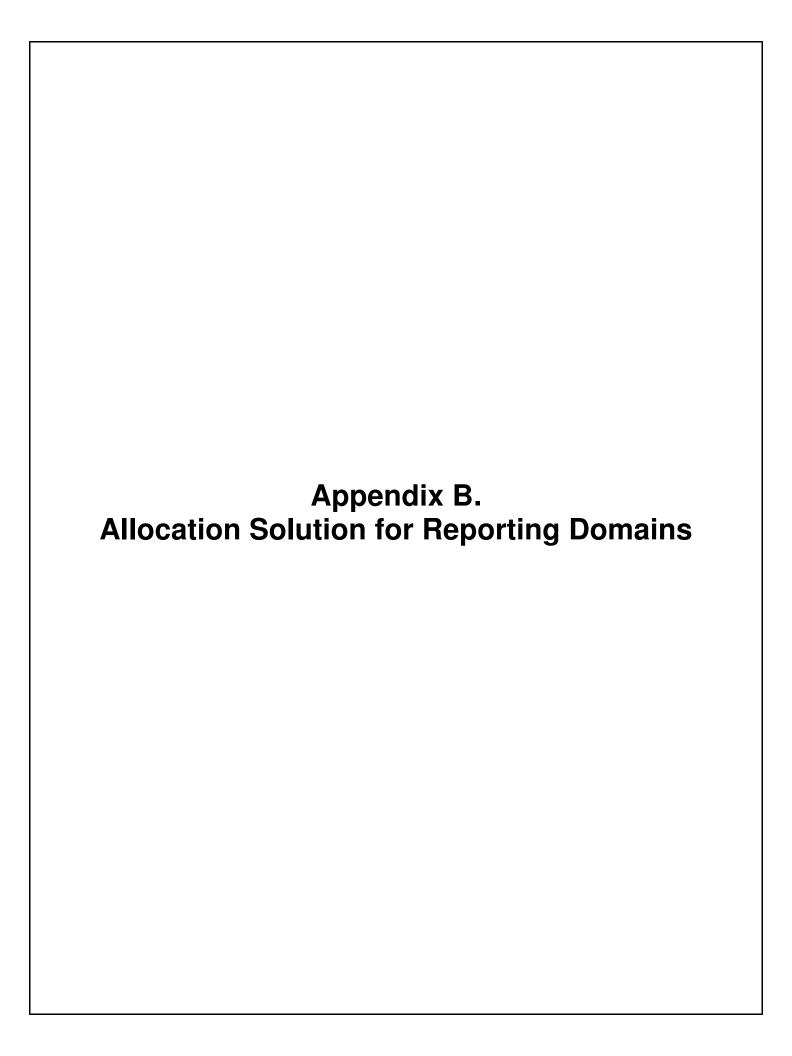


Table B1.

Allocation Solution for Reporting Domains

			HWCI-		Estimated	Percent	Design
Domain	Label	Population	Out	Allocation	n	Sampled	effect
1	All Domains	1,424,304	0.01	24,116	89,931	6.35	2.03
2	DoD	1,382,681	0.01	22,305	85,207	6.19	1.97
3	Army	537,123	0.02	7,552	25,666	4.81	2.40
4	Navy	321,773	0.02	4,961	18,580	5.80	1.55
5	Marine Corps	199,203	0.02	4,357	24,632	12.41	1.61
6	Air Force	324,582	0.02	5,436	16,349	5.06	1.56
7	Enlisted*DoD	1,155,713	0.01	14,195	68,566	5.96	1.70
8	E1-E4*DoD	603,328	0.02	6,714	46,831	7.79	1.86
9	E1-E3*DoD	335,646	0.02	3,515	28,654	8.55	1.82
10	E4*DoD	267,691	0.02	3,199	18,184	6.82	1.90
11	E5-E9*DoD	552,376	0.01	7,481	21,762	3.96	1.44
12	E5-E6*DoD	418,746	0.02	5,308	17,217	4.13	1.40
13	E7-E9*DoD	133,630	0.03	2,173	4,550	3.44	1.50
14	Officer*DoD	226,968	0.01	8,110	16,629	7.39	1.50
15	O1-O3*DoD	124,356	0.02	3,424	7,768	6.29	1.42
16	O4-O6*DoD	83,904	0.02	2,861	5,184	6.25	1.19
	Deployed in last 12	30,501	****	_,,,,,	2,201		
17	Months*DoD	134,270	0.03	3,342	13,738	10.28	3.06
	Not Deployed in last 12						
18	Months*DoD	695,255	0.01	11,095	35,416	5.12	1.90
19	Non-minority*DoD	914,752	0.01	14,965	53,082	5.83	1.97
20	Minority*DoD	467,929	0.02	7,341	32,127	6.90	1.97
21	Black*DoD	228,592	0.03	3,846	15,614	6.86	3.08
22	Hispanic*DoD	147,460	0.04	2,121	10,248	6.98	3.14
23	Female*DoD	196,788	0.01	8,999	30,776	15.74	1.45
24	Army*Female	71,946	0.02	2,994	10,428	14.61	1.34
25	Navy*Female	48,926	0.03	1,838	7,221	14.84	1.27
26	Marine Corps*Female	12,461	0.04	1,537	5,057	40.78	2.28
27	Air Force*Female	63,455	0.02	2,630	8,074	12.80	1.34
28	Enlisted*Female*DoD	161,678	0.01	6,337	25,661	15.96	1.30
29	E1-E4*Female*DoD	88,364	0.02	3,463	17,840	20.27	1.16
30	E5-E9*Female*DoD	73,311	0.02	2,874	7,831	10.76	1.48
31	Officer*Female*DoD	35,110	0.03	2,662	5,116	14.72	1.89
32	O1-O3*Female*DoD	22,700	0.03	1,607	3,236	14.37	2.04
33	O4-O6*Female*DoD	10,875	0.04	905	1,580	14.74	1.46
	Deployed in last 12						
34	Months*Female*DoD	13,430	0.02	1,966	7,358	55.16	1.27
2.5	Not Deployed in last 12	04.604	0.00	2.544	10.160	12.00	=
35	Months*Female*DoD	81,681	0.02	3,544	10,460	12.90	1.47
36	Army*Enlisted*Female	57,898	0.02	2,181	8,777	15.26	1.28
37	Army*E1-E4*Female	33,409	0.03	1,170	6,283	18.90	1.13
38	Army*Officer*Female	14,048	0.04	813	1,653	11.91	1.44
39	Navy*Enlisted*Female	40,994	0.03	1,412	6,327	15.51	1.24
40	Navy*E1-E4*Female	23,020	0.04	788	4,644	20.25	1.15
41	Navy*Officer*Female	7,932	0.05	426	895	11.40	1.22

1

	Marine		1				
42	Corps*Enlisted*Female	11,275	0.04	686	3,964	35.32	1.22
	Marine Corps*E1-				,		
43	E4*Female	7,702	0.04	479	3,175	41.37	1.00
	Marine						
44	Corps*Officer*Female	1,186	0.05	851	1,089	92.70	2.44
	Air						
45	Force*Enlisted*Female	51,511	0.02	2,058	6,594	12.87	1.33
46	Air Force*E1-E4*Female	24,233	0.03	1,026	3,738	15.48	1.13
4.7	Air	11.044	0.05	570	1 400	10.50	1.26
47	Force*Officer*Female	11,944	0.05	572	1,480	12.50	1.36
48	Male*DoD	1,185,893	0.01	13,307	54,404	4.61	1.54
49	Army*Male	465,177	0.02	4,558	15,225	3.29	1.88
50	Navy*Male	272,847	0.02	3,123	11,355	4.18	1.29
51	Marine Corps*Male	186,742	0.02	2,820	19,572	10.52	1.17
52	Air Force*Male	261,127	0.02	2,806	8,268	3.18	1.16
53	Enlisted*Male*DoD	994,035	0.01	7,858	42,885	4.33	1.23
54	E1-E4*Male*DoD	514,964	0.02	3,251	28,978	5.64	1.20
55	E5-E9*Male*DoD	479,065	0.02	4,607	13,923	2.92	1.12
56	Officer*Male*DoD	191,858	0.02	5,449	11,507	6.05	1.28
57	O1-O3*Male*DoD	101,646	0.02	1,817	4,528	4.48	1.01
58	O4-O6*Male*DoD	73,029	0.02	1,956	3,601	4.98	1.00
	Deployed in last 12	75,025	0.02	1,550	3,001	1.50	1.00
59	Months*Male*DoD	120,840	0.03	1,375	6,369	5.30	1.54
	Not Deployed in last 12	-,-		,	-,		
60	Months*Male*DoD	613,574	0.01	7,552	24,946	4.09	1.61
61	Army*Enlisted*Male	389,651	0.02	1,953	10,059	2.59	1.11
62	Army*E1-E4*Male	209,968	0.04	779	6,834	3.27	1.02
63	Army*Officer*Male	75,526	0.02	2,605	5,152	6.89	1.54
64	Navy*Enlisted*Male	228,904	0.02	1,995	9,173	4.02	1.10
65	Navy*E1-E4*Male	101,359	0.04	629	5,424	5.37	1.03
66	Navy*Officer*Male	43,943	0.03	1,128	2,181	5.00	1.12
- 00	Marine	13,713	0.03	1,120	2,101	3.00	1.12
67	Corps*Enlisted*Male	167,257	0.02	2,173	17,873	10.72	1.07
	Marine Corps*E1-	,		,	,		
68		111,375	0.03	1,187	13,747	12.37	1.01
	Marine						
69	Corps*Officer*Male	19,485	0.04	647	1,700	8.79	1.21
70	Air Force*Enlisted*Male	208,223	0.02	1,737	5,794	2.79	1.02
71	Air Force*E1-E4*Male	92,262	0.04	656	2,980	3.24	1.00
72	Air Force*Officer*Male	52,904	0.03	1,069	2,472	4.70	1.03
73	Coast Guard	41,623	0.03	1,811	4,721	11.42	1.64
74	Coast Guard*Enlisted	33,476	0.04	929	3,090	9.28	1.22
75	Coast Guard*E1-E4	14,264	0.05	450	1,825	12.84	1.16
76	Coast Guard*E5-E9	19,210	0.05	479	1,266	6.64	1.24
77	Coast Guard*Officer	8,147	0.04	882	1,628	20.19	1.16
78	Coast Guard*O1-O3	4,002	0.05	375	774	19.49	0.97
79	Coast Guard*O4-O6	2,487	0.05	345	529	21.55	0.89
80	Coast Guard*Female	5,216	0.03	486	1,145	22.13	1.01
00	Coast Guard Female Coast	3,210	0.04	400	1,143	44.13	1.01
81	Guard*Female*Enlisted	3,971	0.05	311	862	21.86	0.94
01	Guara i chiale Diffisied	3,711	0.03	J11	002	21.00	0.74

	Coast						
82	Guard*Female*Officer	1,245	0.07	175	283	22.98	1.01
83	Coast Guard*Male	36,407	0.03	1,325	3,576	9.88	1.51
	Coast						
84	Guard*Male*Enlisted	29,505	0.04	618	2,227	7.59	1.01
	Coast						
85	Guard*Male*Officer	6,902	0.04	707	1,345	19.69	1.16

REPORT DOCUMENTATION PAGE

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