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2000 Survey of Reserve Component Personnel:

Administration, Datasets, and Codebook



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**2000 SURVEY OF RESERVE COMPONENT
PERSONNEL:
ADMINISTRATION, DATASETS, AND
CODEBOOK**

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2000 SURVEY OF RESERVE COMPONENT PERSONNEL: ADMINISTRATION, DATASETS, AND CODEBOOK

Introduction

Purpose and Background

The 2000 Survey of Reserve Component Personnel (RCS) gathers information about personal and military background, family composition, economic status, preparedness, mobilizations and deployments, retention plans, spouse and member labor force experience, satisfaction with aspects of Guard and Reserve life, and other quality of life issues. Together with the 1999 *Active Duty Surveys of Members and Spouses*, the RCS provide a comprehensive picture of the Total Force. This effort is a follow-on to the 1986 and 1992 *Reserve Components Surveys*.

Both Reserve component personnel and spouses of Reserve component personnel were surveyed. This codebook documents survey development, sample construction and allocation, survey administration procedures, and datasets that resulted from the survey of members (RCS Form M). A later volume will document the survey of spouses (RCS Form S).

In formulating policy, the DoD relies on both administrative data and survey data. The administrative data contain personnel-related information collected from individuals or maintained about them. These data are largely automated and readily available for policy research and formulation purposes (e.g., to determine amounts of military compensation, eligibility for various forms of health and program benefits, and performance assessments) (LaVange et al., 1986, Volume 1).

Survey data can be used to supplement administrative data, as well as to address issues that cannot be studied from the administrative data. Especially when collected periodically, these data can serve as a basis for assessing the response of military personnel to policy changes and for identifying areas for future policy action.

DMDC has performed large-scale surveys of Reserve personnel approximately every seven years since 1986. (In 1992, it began fielding a spouse questionnaire in addition to the member form.) These earlier surveys allow policy makers to view trends in high-interest areas.

Reserve-component survey data have been used to explore a wide variety of subjects. For example, previous surveys have been used to study the retention intent of Reservists (Perry et al., 1997), satisfaction with military pay and benefits (Miskura et al., 1997), military and civilian occupations of Reservists (Rauch et al., 1997), and family preparedness for mobilization or deployment (Nord et al., 1997).

Method

This section of the report provides an overview of the development of the survey sample and instrument and of the procedures used to administer the survey and to process survey information.

Stratification Variables

The sampling frame was constructed using the five stratification variables listed in Table 1. A fully crossed stratification was impossible because some cells were either empty or too small. To increase strata size, gender and some paygrade groups were sometimes collapsed.

Sample

This sub-section describes the process used to construct the survey sample.

Drawing the sample

The population of interest for Form M included Drilling Unit, Active Guard/Reserve (AGR/TAR; Title 10 and Title 32), Military Technician (MILTECH), and Individual Mobilization Augmentee (IMA) members of the Selected Reserve from the U.S. Army National Guard, U.S. Army Reserve, U.S. Naval Reserve, U.S. Marine Corps Reserve, Air National Guard, U.S. Air Force Reserve, and U.S. Coast Guard Reserve, up to and including paygrade O-6, with at least 7 months of service at the time the first questionnaire was mailed.¹ The sampling frame included only members who were in one of the Reserve groups in March 2000. The sample for the RCS member survey consisted of 74,487 individuals (Table 2 presents a summary of sample allocation by Reserve Component), of whom 63,250 were ultimately determined to be eligible members of the target population, with eligibility

¹ When the sampling frame was constructed with the March 2000 RCCPDS, individuals, who had Total Active Federal Military Service (TAFMS) values of 1 or 2, were excluded. This restriction was set so that at the time then anticipated for the start of survey administration (late June 2000) everyone in the sample would have at least 6 full months of service. A TAFMS value of zero was not excluded because the traditional meaning of a zero on the file was “unknown.” The RCCPDS was in transition to a new coding scheme at the time of the sampling frame construction; under the new scheme a zero is used for values of 1 to 29 days. Some records had been recoded, while many had not been. Thus, the frame was constructed such that when the survey was in fact mailed (early August 2000) the persons whose records had been recoded had either 4 full months of service or 7 or more full months of service. Those with 5-6 full months of service are under-represented in the frame and sample. Representation of those with this amount of service is limited to some unknown portion of those who had a zero as an unknown value in the March frame but actually had 5-6 full months of service when they completed the survey. In addition, months is also an imprecise measure since it depends on the days of service at the end of March. Thus the under-representation of these two particular months is not sharp.

conditional on them also being in one of the Reserve groups in the Reserve Components Common Personnel Data System (RCCPDS) in September 2000.

When the sampling frame was constructed with the March 2000 RCCPDS, individuals who had Total Active Federal Military Service (TAFMS) values of 1 or 2, were excluded. This restriction was set so that at the time then anticipated for the start of survey administration (late June 2000) everyone in the sample would have at least 6 full months of service. A TAFMS value of zero was not excluded because the traditional meaning of a zero on the file was “unknown.” The RCCPDS was in transition to a new coding scheme at the time of the sampling frame construction; under the new scheme a zero is used for values of 1 to 29 days. Some records had been recoded, while many had not been. Thus, the frame was constructed such that when the survey was in fact mailed (early August 2000) the persons whose records had been recoded had either 4 full months of service or 7 or more full months of service. Those with 5-6 full months of service are under-represented in the frame and sample. Representation of those with this amount of service is limited to some unknown portion of those who had a zero as an unknown value in the March frame but actually had 5-6 full months of service when they completed the survey. In addition, months is also an imprecise measure, since it depends on the days of service at the end of March. Thus the under-representation of these two particular months is not sharp.

Table 1.
Stratification Variables

Dimension of Stratification	Levels
Reserve Component of Member	U.S. Army National Guard U.S. Army Reserve U.S. Naval Reserve U.S. Marine Corps Reserve Air National Guard U.S. Air Force Reserve U.S. Coast Guard Reserve
Paygrade Group	E1 to E3 E4 E5 to E6 E7 to E9 WO1 to WO5 O1 to O3 O4 to O6
Reserve Program	TPU AGR/TAR (Title 10s) AGR/TAR (Title 32s) Military Technicians IMA
Gender	Male Female
Priority Occupations	Physician Information Technology

Dimension of Stratification	Levels
	Chaplain JAG Pilot/Navigator

Unknown stratum: all individuals for whom one or more variables of the above stratum variables were missing.

Researchers identified subgroup breakouts (i.e., domains) that would be important when survey results were provided to policy officials. These reporting domains were defined by using the 22 demographic variables shown in Table 3.

Next, researchers determined the number of people who would be sampled for each stratum using a sample-planning tool developed for DMDC (Kavee & Mason, 1997). A formal mathematical procedure (Chromy, 1987) based on Karush-Kuhn-Tucker theory is used in the sample-planning tool to determine an optimized sample size and allocation—a sample that would achieve at minimal cost the precision levels required for each analytic domain. The Kuhn-Tucker theory provides an optimal solution to satisfy precision constraints (e.g., ± 5 percentage points) imposed on estimates of prevalence rates in key reporting domains. Researchers iteratively modified the inputs to the sample-planning tool to arrive at acceptable precision levels for reporting domains that would be of particular interest to policy officials.

Table 2.
2000 RCS Sample Allocation

	Total	Army Nat'l Guard	Army Reserve	C.G. Reserve	Air Nat'l Guard	Air Force Reserve	Marine Corps Reserve	Naval Reserve
Paygrade Group								
E1 – E3	14,955	4,984	3,352	430	1,130	1,177	2,274	1,608
E4	10,899	2,468	1,764	1,447	1,178	1,233	1,143	1,666
E5 – E6	16,078	1,748	1,993	1,646	3,888	2,754	1,512	2,537
E7 – E9	7,138	838	1,403	352	1,863	1,452	635	595
WO1 - WO5	5,942	3,404	1,942	152	0	0	312	132
O1 - O3	8,292	2,253	2,287	304	1,070	1,100	551	727
O4 - O6	11,179	1,399	2,482	353	1,971	2,027	699	2,248
Unknown	4	3	0	0	0	0	0	1
Reserve Program								
TPU	52,712	10,964	10,759	4,678	6,999	5,989	5,582	7,741
AGR/TAR (Title 10s)	4,458	247	1,221	0	193	840	726	1,231
AGR/TAR (Title 32s)	2,383	1,045	0	0	1,338	0	0	0
Military Tech's	5,506	1,558	788	0	2,143	1,017	0	0
IMA	3,214	0	768	0	0	1,773	649	24
Unknown	6,213	3,283	1,686	6	427	124	169	518
Gender								
Male	56,881	14,412	10,591	3,955	7,775	6,740	6,218	7,190
Female	17,601	2,682	4,630	729	3,325	3,003	908	2,324
Unknown	5	3	2	0	0	0	0	0

Priority Occ.								
Physician	703	114	243	0	71	111	0	164
Information Technology	6,186	337	348	0	3,298	1,496	38	669
Chaplain	474	132	129	0	55	88	0	70
JAG	795	125	342	0	59	149	41	79
Pilot/Navigator	6,259	1,742	313	0	1,505	1,340	226	1,133
All Others	60,070	14,647	13,848	4,684	6,112	6,559	6,821	7,399

Table 3.

Factors Defining Key Reporting Domains

Variable	Categories
Reserve Component [*]	<ul style="list-style-type: none">• U.S. Army National Guard• U.S. Army Reserve• U.S. Naval Reserve• U.S. Marine Corps Reserve• Air National Guard• U.S. Air Force Reserve• U.S. Coast Guard Reserve
Paygrade Group 1 [*]	<ul style="list-style-type: none">• E1-E3• E4• E5-E6• E7-E9• W1-W5• O1-O3• O4-O6
Reserve Program [*]	<ul style="list-style-type: none">• TPU• AGR/TAR (Title 10s)• AGR/TAR (Title 32s)• Military Technicians• IMA
Sex [*]	<ul style="list-style-type: none">• Male• Female
Priority Occupations [*]	<ul style="list-style-type: none">• Physician• Information Technology• Chaplain• JAG• Pilot/Navigator• All others

Table 3. (continued)

Technician/ AGR ID	<ul style="list-style-type: none"> • Title 10 • Title 32
Technician/ AGR ID	<ul style="list-style-type: none"> • 10 U.S.C. 10301 • 10 U.S.C. 10211 • 10 U.S.C. 12301 • 10 U.S.C. 12310 • 10 U.S.C. 12501 • 32 U.S.C. 502(f)
Reserve Program	<ul style="list-style-type: none"> • TPU • AGR/TAR • Military Technicians • IMA
Military Component	<ul style="list-style-type: none"> • Reserves • National Guard
Cservice (member)	<ul style="list-style-type: none"> • Army • Navy • Marine Corps • Air Force • Coast Guard
Reserve Group	<ul style="list-style-type: none"> • Selected Reserve (not including AGR or MILTECH) • Active Guard/Reserve (AGR) • Military Technicians (MILTECH)
RESERVE COMPONENT CATEGORY	<ul style="list-style-type: none"> • Trained Units • Trained Individuals • Training Pipeline
Training/Retirement Category	<ul style="list-style-type: none"> • Drilling Unit Member • Active Guard/Reserve • IMA • On Active Duty for Training • Waiting 2nd Part of Training • Person Waiting Training • SelRes – Other Training Programs • SMP
Paygrade Group 2	<ul style="list-style-type: none"> • E1-E9 • W1-W5 • O1-O6

Table 3. (continued)

Paygrade Group 3	<ul style="list-style-type: none"> • E1-E3 • E4-E5 • E6-E9 • W1-W5 • O1-O3 • O4-O6
FEMA Regional Offices	<ul style="list-style-type: none"> • ME, NH, VT, RI, CT, MA • NY, NJ, PR, VI • WASH DC, DE, MD, PA, VA, WV • AL, FL, GA, KY, MS, NC, SC, TN • IL, IN, MI, MN, OH, WI • AR, LA, NM, OK, TX • IO, KS, MO, NE • CO, MT, ND, SD, UT, WY • AZ, CA, HI, NV, AS, GU, CM, REP OF MARSHALL ISLANDS, FED STATE OF MICRONESIA, REP OF PALAU • AK, ID, OR, WA
Census Regions	<ul style="list-style-type: none"> • Northeast: ME, NH, VT, RI, CT, MA, NY, NJ, PA • Midwest: OH, IN, IL, MI, WI, MN, IO, MO, ND, SD, NE, KS • South: DE, MD, WASH DC, VA, WV, NC, SC, GA, FL, KY, TN, AL, MI, AR, LA, OK, TX • West: MT, ID, WY, CO, NM, AZ, UT, NV, WA, OR, CA, AK, HI
Marriage Category 1	<ul style="list-style-type: none"> • Married to Service member (Active – Not AGR) • Married to Service member (Active – AGR) • Married to Service member (Reserve – Not AGR) • Married to civilian (Not Joint Service member) • Unmarried (with children) • Unmarried (without children)
Marriage Category 2	<ul style="list-style-type: none"> • Married to Service member • Married to civilian • Unmarried
Marriage Category 3	<ul style="list-style-type: none"> • Married • Unmarried
Race/Ethnic Category 1	<ul style="list-style-type: none"> • (Non-Hispanic) White • (Non-Hispanic) Black • Hispanic • Native Amer & Alaskan Na • Asian & Pacific Islander • Other

Table 3. (continued)

Race/Ethnic Category 2	<ul style="list-style-type: none"> • Non-minority • Minority
Officer Source of Commission	<ul style="list-style-type: none"> • Induction • Voluntary enlistment in regular component • Vol enlist – Rsv Comp for Reg DEP – 10 usc 12103/10 usc 513 • Vol enlist – Rsv Comp, Sec 511, ref(b) Excl DEP • US Military Academy • US Naval Academy • US Air Force Academy • US Coast Guard Academy • US Merchant Marine Academy • Air National Guard Academy of Military Sciences • ROTC/NROTC scholarship program • ROTC/NROTC non-scholarship program • OCS, AOCS, OTS, or PLC • Aviation Cadet program • National Guard stat OCS • Direct appointment authority, Commissioned off, professional • Direct appointment authority, Commissioned off, all other • Aviation training program other than OCS, AOCS, OTS, or PLC • Direct appointment authority, warrant officer • Direct appointment authority, commissioned warrant officer • Warrant Officer Aviation Training Program • Other

* Stratification variables.

Sample losses

The original sample file contained 74,487 records as shown below. Losses to the drawn sample of 74,487 are listed in Table 4 and reviewed here. Sample members were lost from the sample for three main reasons: (1) self-reported or other ineligibility for the survey, (2) an inability to locate the sample member, and (3) refusal to participate in the survey or other failure to respond to the survey.

A toll-free telephone number listed on the letters accompanying each survey allowed sample members to report address corrections and that they were ineligible for the survey. A total of 404 sample members (.5%) were lost from the final sample through classification as ineligible. Elimination of ineligibles resulted in decreasing the sample to 47,3% (N=35,223) of its original size.

Table 4.***Frequency Counts and Percents of the Final Sample Relative to the Drawn Sample***

Description	N	% of Drawn
Drawn sample	74,487	100.0
Ineligible non-respondent	830	1.1%
Total ineligible	6,326	8.5%
Eligible sample	68,161	91.5%
Total not located	287	.4%
Eligible, located sample	67,956	91.2%
Requested removal from survey mailings	404	.5%
Did not otherwise return a non-blank survey	34,945	46.9%
Total nonrespondents	35,275	47.4%
Total Eligible Respondents	35,223	47.3%

The survey was administered to members of the Selected Reserve. Because many Selected Reserve personnel report to their unit only one weekend per month, sending the survey to unit addresses could delay members' receipt of the survey. In general, therefore, residential addresses were used as the primary addresses of choice. In cases where residential addresses could not be identified, however, unit addresses were used. As a result, DMDC developed an elaborate address-update procedure to minimize the number of people who would be lost from the survey because of outdated addresses. (This procedure is explained in a later section that describes the Survey Control System.) Because of this address update procedure, less than 8.8% of the drawn sample (6,531 of 74,487) was lost because the sample members could not be located. Personnel records for this group had missing, incomplete, or out-of-date addresses, and steps designed to obtain complete, current addresses for these records were unsuccessful.

Individuals in this remaining sample may be further categorized as nonrespondents versus respondents. 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 35,275 sample members who did not return a survey.

Respondents included all sample members who returned at least one survey with any items completed. At the conclusion of the survey fielding 35,223 eligible, locatable sample members had returned usable surveys.

Location, response and completion rates

The Council of American Survey Research Organizations (CASRO) noted that varying operational definitions of response rates can lead to problems or confusion (e.g., when awarding contracts requiring pre-specified response rates or when interpreting the results of a survey). As a result, CASRO formed a task force to recommend guidelines for standardizing the operational definitions of response rates.

Beginning in 1995, DMDC standardized its methods for calculating response rates and completion rates using procedures patterned after those advocated by CASRO. More specifically, the new DMDC procedures closely follow CASRO's Sample Type II design (see Council of American Survey Research Organizations, 1982).

Table 5 provides location, response, and completion rate information for the 2000 Survey of Reserve Component Personnel. The location rate is defined as the proportion of eligible sample members that were locatable. The response rate is defined as the proportion of eligible sample members that returned usable surveys, while the completion rate is defined as the proportion of the located sample that returned usable surveys.

Table 5.
Location Rates, Response Rates, and Completion Rates

Type of Rate	Computation	Observed Rate	Weighted Rates
Location	Adjusted located sample / Adjusted eligible sample	99.70%	99.6%
Completion	Usable responses / Adjusted located sample	51.83%	47.6%
Response	Usable responses / Adjusted eligible sample	51.68%	47.4%

Note: The rates in this table are computed from the information in Table 4.

Survey Development and Administration

Survey printing

A 24-page Member survey booklet was printed for the 2000 Survey of Reserve Component Personnel. The final version of the survey was printed by Data Recognition Corporation (DRC) on a machine-readable optical character read (OCR) form. Each form had a unique lithographed (litho) code number printed on the front and back covers of the survey.

Survey instrument

The RCS was available both in paper form and via the Internet. The paper form of the questionnaire was a 24-page, 182-question (some with multiple items) survey booklet printed by Data Recognition Corporation (DRC) as a machine-readable Intelligent Character Read form. Appendix A contains a copy of the paper form. Each form had a unique serial number printed on the cover in Arabic numbers as well as in bar-code format. The survey's items can be grouped into ten sections:

- . Military Background
- . Military Plans
- . Military Training
- . Your Military Unit
- . Benefits and Programs
- . Individual and Family Characteristics
- . Civilian Work
- . Economic Issues
- . Full-Time Active Duty National Guard
- . Military Life

The Web version of the RCS allowed respondents to move at will throughout the survey and included buttons to return to the previous page or move to the next page, saving any changes. In addition, there were two buttons located below the last question on each page: one button allowed the respondent to move to the next page, whereas the second button allowed the respondent to save and exit the survey. Text explaining the purpose of each button was located above each. Questions were answered by clicking on radio buttons or by making a choice from a drop-down list. The Respondent could change answers or could save, exit, and return at another time to change answers. The final page had another "Save and Exit" button and a "Done" button, both with full text explanation of their functions.

The content of the Internet version of the form matched the printed version with the exception of two questions. For example, on the printed version of the questionnaire, Question 98 asks respondents "Have you ever used a personal computer (PC)?" while the Internet version of the question asks respondents "Other than for answering this survey, which of the following have you used in the last 12 months? *Mark all that apply.*"

Because the Web returns had no lithographic code, these returns were tracked by assigning a randomly created number. This number was included on all mailings to

respondents. Since the Web returns had no lithographic code to identify the mailing responded to the MASTER, ADDRESS and MAILING files do not include the Web returns.

Survey administration

The survey administration process began in July of 2000, with the mailout of notification letters to all sample members. Three weeks later, sample members (minus ineligible) received a survey with a cover letter. Three weeks after the first survey mailing, reminder/thank-you letters were sent to all sample members (minus ineligible). Three weeks after the reminder/thank you letter mailing, a second survey with a new cover letter was mailed to each sample member who had neither returned a survey nor been deemed ineligible for survey participation. Four weeks after the second survey mailing, a third survey with a new cover letter was mailed to each sample member who had neither returned a survey nor been deemed ineligible for survey participation. (Appendix A contains a copy of the survey and Appendix B contains copies of the survey letters). The survey field was closed on December 29, 2000. Sample members' records for which completed surveys were received were flagged as returned in the Survey Control System (SCS). The SCS and the scanned data were used to create the public-release data file (described later).

Survey Control System

The Survey Control System (SCS) is a relational data base that was used to monitor all sample member transactions over the course of the data collection. The datasets in the SCS include sample members' names and addresses, but do not contain data obtained from the survey instruments.

The operations contractor, Data Recognition Corporation (DRC), used the SCS to store and update survey data, monitor mailings, respond to documents returned as postal non-deliverables (PNDs), and determine survey participation and eligibility status. The SCS consists of five datasets: the ORIGDAT file, the MASTER file, the HISTORY file, the MAILING file, and the ADDRESS file. The files are linked relationally by INRECNO, a unique individual record that was assigned to each sample member when their record was loaded into the Survey Control System. Each of the five SCS files is described briefly below.

Description of SCS datasets

The ORIGDAT file consists of 74,487 records, one record for each member of the sample. It is the original sampling frame file sent to DRC by DMDC. The original file was loaded onto DRC's computer system and converted to a SAS[®] data set.

The ADDRESS file tracked the addresses that were maintained for each sample member. The ADDRESS file contains one record for each address for each sample member (e.g., if there were five addresses located for one sample member during the survey administration, that sample member has five records in the ADDRESS file). Each record is uniquely identified by the combination of INRECNO and ADDRNO (the sequential order of receipt of the sample member's address). Additionally each record contains the sample member's address, the source of the address, and an address priority code. If a sample member has one

address record in the ADDRESS file, the address number for that record is one. The sequential address number assigned to a given address for a sample member did not fluctuate with changes in addresses caused by updating efforts. The priority code assigned to a given address number for a sample member was used to determine the “best” or “highest priority” address for the sample member at any given time. It was originally determined by the source of the address. Address updates obtained directly from a sample member received a priority number of one. The order of priority of address sources from “highest priority” to “lowest priority” is as follows, respectively:

1. updates directly from a sample member (call, fax, e-mail, Web, or letter)
2. address corrections from the U.S. Postal Service (ACS [electronic address change service], ACRs [address correction requests], and ODFs [out-of-date-forwarded mail])
3. NCOA-updated addresses
4. credit bureau-updated addresses
5. DEERS residential addresses
6. DEERS unit addresses

The priority code assigned to an address number changed as new addresses were obtained as a result of address-updating procedures. For instance, if a sample member initially had only one address record in the ADDRESS file (identified as address number one), then that address number was assigned a priority code that indicated it was the “highest priority address” and was to be used for mailings. If “address number one” was identified by the operations contractor as “unusable” (e.g., postal non-deliverable), then the priority code assigned to “address number one” was changed to indicate that the address was invalid. Address priorities may also have changed in response to information that the address “got through” to the sample member (i.e., it generated a telephone call, fax, e-mail, Web update or survey return from the sample member). If the sample member faxed in a change of address or a credit bureau forwarded an updated address for that sample member, the new address was added as address number two. Upon entry of a new address, the SCS searched the ADDRESS file for duplicate addresses for the same sample member and gave duplicate addresses an invalid priority code. The source of each updated address was identified and the appropriate priority for each source was assigned to each updated “address number.”

The MASTER file is the file from which the SCS selected records for upcoming survey mailings. This file includes a record for each member of the sample and was created by extracting data from each record in the ORIGDAT file. Each MASTER record includes the sample member INRECNO and the address number which currently has been assigned the “highest priority code” from the corresponding records in the ADDRESS file. The MASTER file accommodated data updates through an automated process (e.g., updating the address number in use after the receipt of a postal non-deliverable) or manual key entry (e.g., updating information in response to a telephone call from a sample member). As new information was received for a particular record (including changes to the priority codes assigned to address numbers), the SCS updated the MASTER record and added a new record to the HISTORY file containing the outdated information from the MASTER file.

The HISTORY file is a chronicle of the changes that occurred to the MASTER file. Each HISTORY record is a subset of an outdated MASTER record with the addition of a date and time stamp as the record is updated. That is, a HISTORY record was created when there was a name, address, paygrade, or eligibility status change in the MASTER file. Thus, the HISTORY file contains as many observations as there were updates to the MASTER file.

The MAILING file tracked all of the survey mailings. This file contains one record for each item mailed during the survey administration. Each MAILING record includes the INRECNO, address number used, date of mailing, mailing status, type of mailing, and the mailing information code (MIC). For mailings that contained a survey, the MIC is the unique litho code printed on the survey included in that mailing. For mailings that did not contain a survey, the MIC is a unique code number created by the SCS and printed on the mailed letter as a tracking device for that mailing.

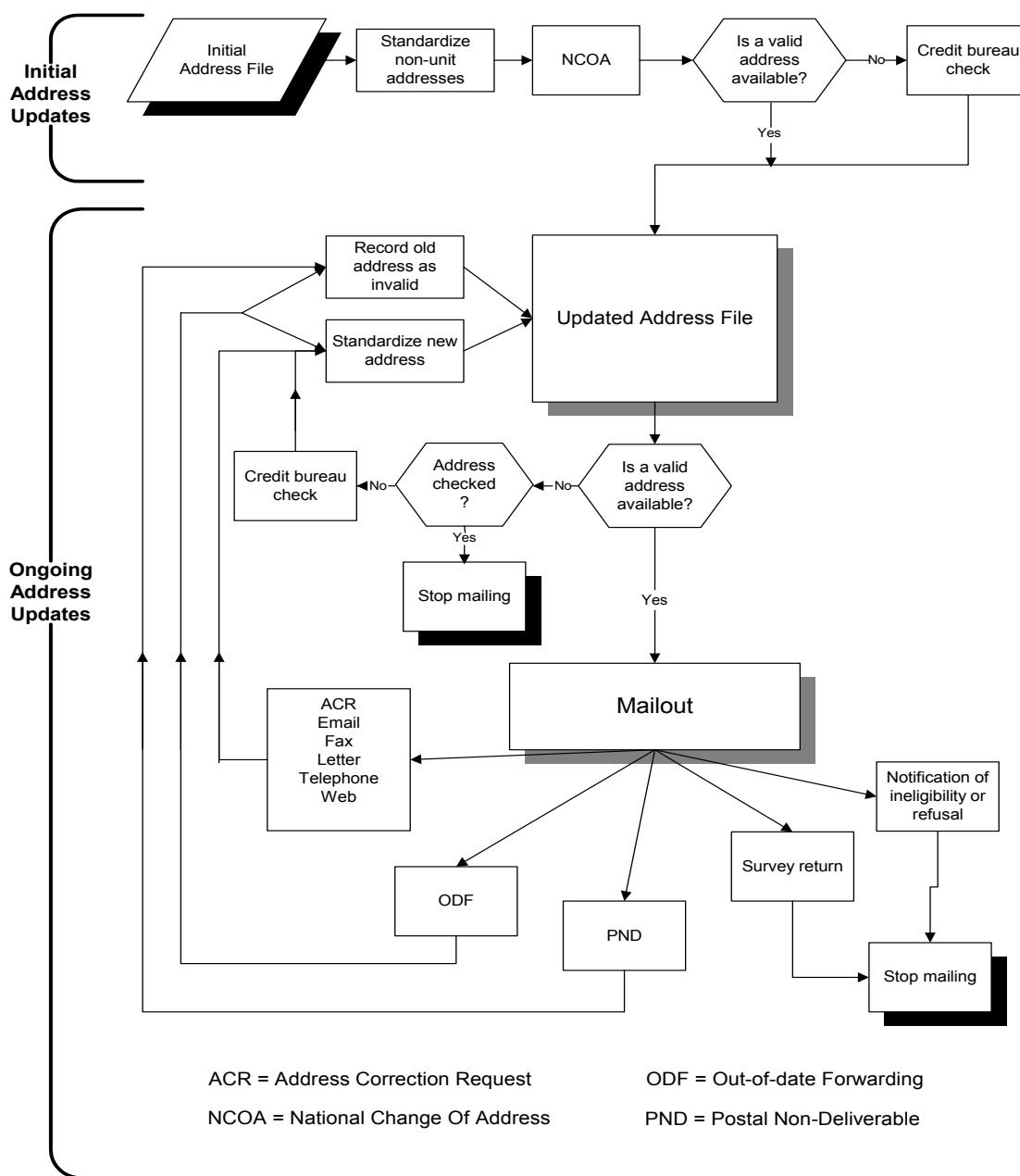
Address-update Procedures

Initial address updates. Prior to the first mailing, DRC ran all domestic residential addresses through Group 1 software to be formatted to conform to U.S. Postal Service standards. Once the addresses were standardized, they were sent to an outside vendor where they were checked against the National Change of Address (NCOA) database. The NCOA software updated the address records (in standardized format) based on change-of-address cards filed with the U.S. Postal Service. The updated NCOA address file was returned to DRC and integrated into the SCS. The NCOA-updated addresses were added to the ADDRESS file and became the current address number with the “highest priority code assigned” in the MASTER file.

After the standardized, updated addresses had been added to the SCS, another file was compiled of sample member records that still had incomplete addresses or addresses identified by NCOA as undocumented moves (i.e., the sample member had moved but NCOA did not have a new address). DRC sent copies of this file to three credit bureaus (Experian, Trans Union, and CSC Credit Services) to determine whether a complete, up-to-date address for these sample members could be found. The file was sent first to Experian. Any records for which Experian could not provide updated addresses were then sent simultaneously to Trans Union and CSC. The results were integrated into the SCS, again updating records in the ADDRESS file.

Ongoing address updates. Address update procedures also occurred when (a) a survey document was returned as undeliverable, (b) a sample member self-reported a name, rank, or address change via the telephone, e-mail, Web, or fax, or (c) the postal service forwarded address correction information. Figure 1 outlines these procedures.

Figure 1.
Address Updating Procedures



As a new address was entered into the ADDRESS file for each record, its source (NCOA, credit bureau, postal ACR or ACS, telephone call, fax, e-mail, letter, Web) was identified, a new address number was created to correspond to each address and a priority code was assigned to each address number. The priority assigned to address numbers was based upon the source of the updates. An address update from a sample member's telephone call, fax, e-mail, Web or letter was assigned a priority code of one. Subsequent updates, such as from a credit bureau, received a lower priority than contact directly from the sample member. At any given time, the current address used corresponded to the address number with the highest priority code.

If all known addresses for a sample member were returned PND, the sample member's record in the MASTER file was flagged "no address available." All "no address available" records were forwarded to the three credit bureaus. (Again, the file was sent first to Experian, then to Trans Union and CSC.) The credit bureaus returned files containing addresses for each submitted record, with the date on which the credit bureau received the address. If more than one address for a sample member was received from credit bureaus, the address number corresponding to the address with the most recent receipt date received the highest priority code. If one or more of the credit bureaus returned a previously unattempted address, the MASTER and ADDRESS files were updated and a re-mail was sent to the sample member. If none of the vendors had an updated address for the sample member, DRC designated the sample member "nonlocatable" and stopped further mailings.

Survey Materials and Their Distribution

Each eligible sample member received at most five original mailings: a notification letter, a wave 1 survey with cover letter, a reminder/thank you letter, a wave 2 survey with cover letter, and a wave 3 survey with cover letter. The notification and reminder/thank you mailings contained only a letter. Each of the other three "wave" mailings included a cover letter, a survey, and a folded pre-addressed business-reply envelope.

General mailing procedures. Prior to every mailing, the SCS searched the records in the MASTER file to identify which records should be excluded (e.g., sample members self-reported as ineligible for survey participation², sample members who had already returned survey forms, and members with no valid addresses available). For re-mails (sent between mailings), the SCS identified only those records that had been updated since the prior mailing. More specifically, the SCS identified records that had resulted in PNDs or had been manually flagged for re-mailing (e.g., in response to a sample member calling the operations contractor stating she or he had received a reminder/thank you letter but had not received a survey, etc.).

Once all records for a particular mailing or re-mailing were identified, the SCS processed the records based on whether or not the mailing would include a survey form. If the mailing group was large enough to lead to a cost savings from sorting, the records were run through Group 1 postal software to sort the records according to first-class presort postal regulations. After this procedure, a unique Mail Identification Code (MIC) was assigned to each record. The MIC was assigned either from the survey litho code list if a survey form was sent or independently if only a letter was sent.

² Both "legitimate" and "illegitimate" ineligibles were excluded from further mailings.

Description of letters. Letters were printed with the record's unique MIC listed in the address field and on the lower right corner of the letter. If the mailing included only letters (no survey forms), the letters were folded and machine inserted into window envelopes and sent by first class mail. Mailings that included a survey followed the same procedure through the letter printing process. The MIC on the cover letter was used to pair the letter with its matching litho coded survey. During the matching process, ten percent of the mailing was visually checked, comparing the MIC printed on the letter with the survey's litho code to ensure quality. Any mismatched pairs initiated further investigation of the matching process. This procedure ensured that each survey was sent to the person designated to receive it. Depending on the sample size, the letters and matched surveys were machine or hand inserted into envelopes, metered if necessary, and sent by first class mail.

The status of each mailing was tracked throughout the data collection so that address-correction information could be incorporated into all relevant mailings. When a mail piece came back PND, the next mail piece was sent to a new address (if one could be obtained during the mailing period). For first-, second-, and third-wave surveys that came back PND, re-mails were completed if a newer/updated address could be found.

DMDC provided DRC with the text, letterhead and signatures for the cover letters. These letters explained why the survey was being conducted, how the survey information would be used, and why participation was important. (See Appendix B for copies of the letters.) The letters were approved, printed on letterhead from the Assistant Secretary of Defense and letterhead from the U.S. Department of Transportation, United States Coast Guard. The letters were signed by the Principal Deputy Assistant Secretary Charles L. Cragin and by U.S. Coast Guard Rear Admiral R.D. Sirois, respectively.

The letterhead and signature were printed in blue, and the text and recipient information of all letters were printed in black. In addition to including a name and address (which was also used as the mailing information for the window envelopes), each letter included a personalized salutation. The salutation addressed each sample member by his/her rank. For example, a letter to a Navy E5 with the last name Smith would have included the salutation, "Dear Petty Officer Smith". Similarly, an Army O3 named Jones would have received a letter starting, "Dear Captain Jones". The address block also included service branch; for example, "Petty Officer John Smith USN" or "Captain Mary Jones USA".

Mailouts. The first mailout was the notification letter. DMDC uses notification letters for three reasons. First, contacting potential respondents multiple times is perhaps the most effective means of increasing survey response rates (Fox, Crask, & Kim, 1988; Yammarino, Skinner, & Childers, 1991). Second, the U.S. Postal Service does not always forward the large envelopes that are used to mail surveys despite the envelopes' first class postage and request to forward. However, forwarding is more routine for letters in standard-sized business envelopes. Third, it is cheaper to send an initial notification letter, have that letter returned PND and correct the address than it is to start the process by mailing and re-mailing the survey.

The second mailout was the wave 1 survey mailing; this was followed by three further mailouts designed to increase response rates. A reminder/thank you letter was sent to all eligible sample members with usable addresses. Survey mailouts for waves 2 and 3 provided sample members who had lost or discarded the earlier survey(s) with additional opportunities to participate.

Table 6 lists the mailing dates and return results for each of the survey mailouts and re-mailings. The notification letter, inserted into a #10 window envelope, notified sample members that they would be receiving a survey and encouraged their participation. The initial mailing contained 74,004 letters and the records for this mailing were selected on July 27, 2000, (69,449 Department of Defense (DoD) and 4,555 Coast Guard (CG)). The DoD and CG mailings were completed July 31, 2000.

The wave 1 survey mailing was sent to 74,440 sample members (69,757 DoD and 4,683 CG). The records were selected for the mailing on August 11, 2000. The mailing was sent out August 16 – 19, 2000. The letter and a survey booklet were inserted into a 9” x 12” window envelope along with a folded 9” x 12” business reply envelope. The letter requested sample members’ participation in the survey.

A reminder/thank you letter was sent to 67,610 sample members (63,096 DoD, 4,514 CG). The records were selected for the mailing on September 1, 2000. The mailing was sent out September 6 – 8, 2000. The letter, inserted into a #10 window envelope, thanked sample members for returning the survey if they had done so, and reminded them to complete and return the survey if they had not.

The wave 2 survey mailing was sent to 55,846 sample members (52,515 DoD, 3,331 CG) from September 27 - October 2, 2000. Records were selected on September 22, 2000. The cover letter, a survey booklet and a folded 9” x 12” business reply envelope were inserted into a 9” x 12” window envelope. The letter again requested participation in the survey.

The wave 3 survey mailing was sent to 42,218 sample members (39,780 DoD, 2,438 CG) October 26 - November 1, 2000. Records were selected on October 20, 2000. The cover letter, a survey booklet and a folded 9” x 12” business reply envelope were inserted into a 9” x 12” window envelope. The letter again requested participation in the survey.

Table 6.
Mailing Timeline and Return Results

Mailing Numbers and Groups	Print File Creation Date*	Mail Drop Date	Number Sent	Number of PNDs	Number of Returns
1. Notification Domestic DoD	7/27/00	7/28/00, 7/31/00	69,449	3,261	0
2. Notification Domestic Coast Guard	7/27/00	7/31/00	4,555	85	0
3. Notification Domestic DoD Remail 1	8/10/00	8/11/00	1,107	157	0
4. Notification Domestic Coast Guard Remail 1	8/10/00	8/11/00	3	0	0
Subtotal: Notification			75,114	3,503	
5. Wave 1 Domestic DoD	8/11/00	8/16/00-8/19/00	69,755	2,433	22,553
6. Wave 1 Domestic Coast Guard	8/11/00	8/19/00	4,683	80	1,762
7. Wave 1 Foreign DoD	8/11/00	8/21/00	2	1	1
8. Wave 1 Domestic DoD Remail 1	8/25/00	8/28/00	2,093	376	150
9. Wave 1 Domestic Coast Guard Remail 1	8/25/00	8/28/00	66	17	0
10. Wave 1 Domestic DoD Remail 2	8/30/00	8/31/00	430	66	51
11. Wave 1 Domestic Coast Guard Remail 2	8/30/00	8/31/00	16	1	2
12. Wave 1 Domestic DoD Remail 3	9/5/00	9/7/00	246	40	15
13. Wave 1 Domestic Coast Guard Remail 3	9/5/00	9/7/00	8	1	1
14. Wave 1 Foreign DoD Remail 3	9/5/00	9/7/00	1	1	0
15. Wave 1 Domestic DoD Remail 4	9/7/00	9/8/00	280	48	36
16. Wave 1 Domestic Coast Guard Remail 4	9/7/00	9/8/00	15	0	2
17. Wave 1 Domestic DoD Remail 5	9/12/00	9/13/00	52	14	3
18. Wave 1 Domestic Coast Guard Remail 5	9/12/00	9/13/00	4	0	1
19. Wave 1 Domestic DoD Remail 6	9/15/00	9/18/00	333	39	47
20. Wave 1 Domestic Coast Guard Remail 6	9/15/00	9/18/00	18	1	3
21. Wave 1 Foreign Coast Guard Remail 6	9/15/00	9/18/00	1	0	0
22. Wave 1 Domestic DoD Remail 7	9/20/00	9/21/00	90	11	8
23. Wave 1 Domestic Coast Guard Remail 7	9/20/00	9/21/00	5	0	0
Subtotal: Wave 1			78,098	3,129	24,635

Table 6. (continued)

Mailing Numbers and Groups	Print File Creation Date*	Mail Drop Date	Number Sent	Number of PNDs	Number of Returns
24. Reminder Domestic DoD	9/1/00	9/8/00	63,092	1,300	0
25. Reminder Domestic Coast Guard	9/1/00	9/6/00	4,514	46	0
26. Reminder Foreign DoD	9/1/00	9/7/00	4	1	0
27. Reminder Domestic DoD Remail 1	9/15/00	9/18/00	599	97	0
28. Reminder Domestic Coast Guard Remail 1	9/15/00	9/18/00	34	3	0
29. Reminder Domestic DoD Remail 2	9/20/00	9/21/00	88	11	0
30. Reminder Domestic Coast Guard Remail 2	9/20/00	9/21/00	5	0	0
31. Reminder Domestic DoD Remail 3	9/25/00	9/27/00	349	47	0
32. Reminder Domestic Coast Guard Remail 3	9/25/00	9/27/00	13	3	0
33. Reminder Domestic DoD Remail 4	9/27/00	9/28/00	137	22	0
34. Reminder Domestic Coast Guard Remail 4	9/27/00	9/28/00	3	0	0
35. Reminder Domestic DoD Remail 5	10/3/00	10/4/00	147	16	0
36. Reminder Domestic Coast Guard Remail 5	10/3/00	10/4/00	4	0	0
37. Reminder Domestic DoD Remail 6	10/5/00	10/7/00	143	14	0
38. Reminder Domestic Coast Guard Remail 6	10/5/00	10/7/00	2	0	0
39. Reminder Domestic DoD Remail 7	10/11/00	10/13/00	124	11	0
40. Reminder Domestic Coast Guard Remail 7	10/11/00	10/13/00	2	0	0
Subtotal: Reminder			69,260	1,571	
41. Wave 2 Domestic DoD	9/22/00	9/27/00-10/2/00	52,511	790	4,904
42. Wave 2 Domestic Coast Guard	9/22/00	10/2/00	3,330	22	364
43. Wave 2 Foreign DoD	9/22/00	10/2/00	4	1	0
44. Wave 2 Foreign Coast Guard	9/22/00	10/2/00	1	0	0
45. Wave 2 Domestic DoD Remail 1	10/5/00	10/9/00	447	53	35
46. Wave 2 Domestic Coast Guard Remail 1	10/5/00	10/10/00	9	0	0
47. Wave 2 Foreign DoD Remail 1	10/5/00	10/10/00	1	0	0
48. Wave 2 Domestic DoD Remail 2	10/11/00	10/13/00	136	16	12
49. Wave 2 Domestic Coast Guard Remail 2	10/11/00	10/13/00	4	0	0

Table 6. (continued)

Mailing Numbers and Groups	Print File Creation Date*	Mail Drop Date	Number Sent	Number of PNDs	Number of Returns
50. Wave 2 Domestic DoD Remail 3	10/16/00	10/23/00	264	37	14
51. Wave 2 Domestic Coast Guard Remail 3	10/16/00	10/23/00	7	1	0
52. Wave 2 Domestic DoD Remail 4	10/19/00	10/23/00	114	20	7
53. Wave 2 Domestic Coast Guard Remail 4	10/19/00	10/23/00	3	0	0
Subtotal: Wave 2			56,831	940	5,336
54. Wave 3 Domestic DoD	10/20/00	10/26/00-11/1/00	39,777	685	1,828
55. Wave 3 Domestic Coast Guard	10/20/00	11/1/00	2,438	24	124
56. Wave 3 Foreign DoD	10/20/00	11/2/00	3	0	1
57. Wave 3 Domestic DoD Remail 1	11/3/00	11/9/00	176	30	7
58. Wave 3 Domestic Coast Guard Remail 1	11/3/00	11/9/00	10	1	0
59. Wave 3 Domestic DoD Remail 2	11/8/00	11/10/00	138	25	5
60. Wave 3 Domestic Coast Guard Remail 2	11/8/00	11/10/00	5	0	0
61. Wave 3 Domestic DoD Remail 3	11/10/00	11/13/00	43	2	2
62. Wave 3 Domestic DoD Remail 4	11/15/00	11/20/00	198	24	6
63. Wave 3 Domestic Coast Guard Remail 4	11/15/00	11/20/00	7	1	0
64. Wave 3 Domestic DoD Remail 5	11/20/00	11/21/00	6	0	0
65. Wave 3 Domestic DoD Remail 6	11/27/00	11/28/00	169	4	3
66. Wave 3 Domestic Coast Guard Remail 6	11/27/00	11/28/00	9	0	1
67. Wave 3 Domestic DoD Remail 7	11/29/00	11/30/00	72	0	1
68. Wave 3 Domestic Coast Guard Remail 7	11/29/00	11/30/00	2	0	0
69. Wave 3 Domestic DoD Remail 8	12/5/00	12/8/00	3	0	0
70. Wave 3 Domestic DoD Remail 9	12/11/00	12/12/00	32	0	0
71. Wave 3 Domestic Coast Guard Remail 9	12/11/00	12/12/00	3	0	0
72. Wave 3 Domestic DoD Remail 10	12/15/00	12/19/00	48	1	0
Subtotal: Wave 3			43,139	797	1,978
TOTAL			279,351	9,144	29,971

*Print file creation date: This is the date records were identified for inclusion in the mailing and written to a print file.

Processing Returned Surveys

Web surveys

Once a respondent completes an online survey, data are stored in an indexed file on the Web (data) server. Prior to providing each dataset to DMDC, the operations contractor copied the indexed file to their internal network using FTP protocol.

The data are then converted to a sequential format, and the validation program reads and loads the data to the dataset.

After the field period closed, the Web and paper datasets were merged.

Paper surveys

The processing of returned surveys involved opening the surveys; sorting into complete, blank and damaged batches by receipt date; barcode scanning and OCR scanning of the survey forms; key-entering of unscannable data; and coding of the scanned and key-entered data. Preparation for survey processing began with pretesting of the scanning program before the first survey was mailed out.

Scanner pretest

Scanner pretesting was done early so that any problems detected in the op-scan forms could be corrected before the forms were mailed. As soon as a copy of the printed survey instrument was available, DRC began writing and testing programs to capture the survey data. To test the initial scanning programs, DRC ran a “20-record check” (or pretest). DMDC created representative data for 20 surveys and DRC scanned, edited, and re-coded these data according to the data-capture procedures. The resulting scanned data were reviewed by DMDC. Revisions were requested by DMDC and implemented by DRC prior to the “50-record check” described below.

Creating the scored dataset

Upon receipt, returned surveys were visually checked and separated into three groups: blank forms, forms with one or more items completed, and forms otherwise damaged or unscannable. Blank forms were further divided into batches (or groups of documents to be scanned) according to the reason that the form was returned blank (e.g., receipt of more than one survey, respondent deceased, or no reason given). The reason for the blank return was captured in the variable BLKREAS in the SCS. The reasons listed in the variable BLKREAS originated strictly from survey returns. Other variables such as FLAG_FIN and SCSELIG indicate reasons for a blank survey return that was obtained from other sources (i.e., telephone calls, etc.) in addition to reasons given on a survey return. All blank forms were optically scanned so that their litho codes could be tracked and the number of returns updated.

Prior to scanning, survey form pages were separated, stacked, and assigned a batch number. If the sample member included any extraneous materials, the MIC was written on

the materials, and the materials were forwarded to DMDC. As the surveys were scanned, the SCS recorded each survey's batch number, serial number and scan date. The surveys were machine edited for light marks, multiple marks, alignment, and correct litho codes. Approximately .03% (N=21) of the respondents returned surveys that could not be scanned because they had been mutilated in the mail or lightly marked. These surveys were key entered in separate batches. No data were lost; all survey forms were either scanned or keyed.

The scanned (or key entered) survey forms were boxed by batch number. Each box was labeled with batch number and project number to facilitate locating individual processed forms. Forms were stored for a period of six months after the project completion date and were destroyed upon receipt of written notice from DMDC.

DMDC coding scheme

To convert the raw scanned data into the item scores that appear in the public-release data file, DMDC provided DRC with the coding notes (contained in Appendix C) and an annotated copy of the survey form (Appendix D). A guiding assumption in designing the coding scheme was that the analysts creating the data set would not be the only people analyzing the data. DMDC datasets often are analyzed by people in government, private-sector, and academic organizations. Care is taken in organizing and documenting DMDC surveys so that secondary analysts can use the data and be reasonably certain that they understand how the data are coded and what limitations the data have. Moreover, every attempt is made to capture all information from completed surveys and preserve the data so that secondary analysts can later create variables that were not anticipated by DMDC researchers. To accomplish these goals, DMDC subscribes to a variety of coding conventions for all of its surveys. Although Appendix C provides in-depth coverage of these coding conventions, some of those rules are highlighted here.

DMDC uses “forward” coding when coding inconsistent answers in items with skip patterns. Forward coding involves correcting the discrepancy by editing forward from the initial question to make the skip pattern items conform. Data for this survey are forward coded with data on the starting question accepted as marked and data for the items within the skip pattern edited to be consistent with the starting question. This coding allows data to be preserved for the remaining items in the skip pattern. The use of such coding preserves as much data as possible, allowing future analysts to decide how to re-code the inconsistent data. Each analyst can decide whether to accept the stored values for the remaining skip pattern items or to re-code the data as “not applicable.”

Another coding convention involves the coding of mark-all-that-apply questions. DMDC treats mark-all-that-apply questions as if they are a series of yes/no items. Each marked (1) or unmarked (0) item in the series is treated as an individual variable with codes like those for items answered with “Yes” (1) or “No” (0) responses. When such items have a response (e.g., “None of the above”) or some indication that all other responses are not applicable, the set of items is treated as if it contained a skip pattern. That is, if a “None of the above” or “Not applicable” response is marked and any other response is marked, then the “None of the

above” or “Not applicable” response is coded “-2” and the other answers are coded as marked/not marked.

Coding / keying open-ended items

The survey contained three open-ended occupational items. The responses to these items were reviewed and given an occupational code synonymous with occupational codes used in the 2000 US Census. The survey also contained seven open-ended items. The original text responses from the six “other specify” response options were entered verbatim into a SAS® data set that is linked by litho code to the scanned survey data. The remaining open-ended item contained responses written in the “comments” box at the end of the survey. Text data in the SAS® files for both open-ended items and the “comments” box were spell-checked, and profanity, proper names, and locations were replaced with “(expletive),” “(name),” and “(location)” respectively. Detailed information on the layout of the SAS® datasets is located in Appendix D.

For all open-ended items, the scanned data file contains a flag indicating whether the respondent wrote anything in response to the item. The SCS compared the written responses to the corresponding flags in the scanned data to ensure that these files were consistent; discrepancies were investigated and resolved where possible. Discrepancies existed where (1) the scanned data indicated presence of a comment but no comment was there, and (2) a comment was keyed although the scanned data did not indicate the presence of a comment.

Fifty-record check

After receiving the first 50 returned surveys for each form, DRC ran a “50-record check.” All 50 surveys were scanned, edited, and re-coded. DMDC checked the resulting data against the original paper surveys to determine if there were any unanticipated problems in the coding or scanning procedures (e.g., the scanner could not pick up lightly marked response boxes, or respondents were consistently answering in an unexpected manner). Minor corrections to these procedures were necessary as a result of this check and were reviewed by DMDC prior to production of the initial SAS® dataset. At the completion of the 50-record check, DRC scanned the full set of returned surveys. The data were then cleaned and edited.

Data Cleaning and Editing

Where there were duplicate responses for the same INRECNO, the first survey received was scanned and edited as usual and included in the scanned data file provided to DMDC. The second survey received was also scanned and edited as usual but was written to a separate file created just for duplicate receipts. That file was also provided to DMDC.

As surveys were received, they were batched for scanning. The separated survey pages were scanned as individual sheets. The scanner printed (via ink jet) a batch and serial number on each sheet, using the same number for all sheets within a document. Once the surveys were scanned, they were edited for light marks and/or multiple responses. Where the respondent’s intent was clear, the data were corrected. When the respondent’s intent was not clear, the data were left unedited. Next, a matchback process was performed to check the data

against the sample file to ensure that the litho code was properly scanned and matched the original data record.

At the completion of data cleaning and editing, DRC provided DMDC with files of scored data. DRC also provided tables of item frequencies and percentages for the original returns file (see Appendix G). DMDC reviewed two draft versions and a final version of these materials. Upon acceptance of the final version, the file of original returns was modified to create a public-release file. The public-release data file excludes variables from the original SCS file that identify individuals or otherwise compromise the anonymity and confidentiality of sample members. The verbatim open-ended text responses are also not included in the public-release file.

Public-Release Data File

All DMDC survey data are stored in SAS® files for DMDC's official use. Recognizing that many analysts use other statistical packages for their analyses, DMDC also provides ASCII flat files (OS files). The public-release data file for the survey is available in both formats.

Survey Analysis Files

This section (a) provides an overview of requirements for analysis of the data, (b) documents the structure of survey analysis files created for the *2000 RCS Member*, (c) describes the assembly of the analysis files, and (d) provides an overview of the variables in the survey analysis files.

Estimation

Data for the *2000 RCS Member* were collected from a non-proportional stratified, single stage random sample. Responses were weighted up to population totals adjusting for differential sampling and response rates in demographically homogenous groups. In general, the procedures used to compute sample estimates of population parameters (including population totals, means, proportions, tests of hypotheses and regression relations) and their associated variances are derived from the probability structure that gives rise to the observations. As with other surveys that involve complex probability structures, most of the parameter estimates of interest in this survey take the form of non-linear statistics. Examples include domain means and proportions where the denominator values are unknown and must be estimated from the sample data. The estimator takes the form of a ratio of random variables (i.e., the ratio of the estimated numerator and denominator totals or counts). In general, ratio estimates are not unbiased and their variances cannot be expressed in closed form. The bias in a ratio estimate depends on the variance associated with the denominator total or count and can usually be ignored in samples having a large number of observations. As a working rule, the bias may be assumed negligible if the number of observations on which the estimate is based exceeds 30 or is otherwise large enough so that the coefficient of variation $[SE(x)/x]$ of the denominator is less than .10 (cf., Cochran, 1977, pp. 153-165).

Approximations must, however, be found for the variances. The approximations commonly take the form of Taylor series linearizations or replicate methods such as those based on resampling methods. Variables have been included in the analyses files so that variance estimates can be based on Taylor series linearizations computed by SUDAAN³ for a stratified, without replacement design. Replicate methods can also be used to estimate the variances. Replicate weights (using the jackknife method of linearization) have been prepared. Appendix J gives examples of analyses using these methods.

Many of the standard statistical software packages, such as SPSS⁴ and older versions of SAS⁵, do not properly compute variance estimates from weighted data that were collected with a design other than simple random sampling. Analyzing the *2000 RCS Member* datasets with the proper use of PSW0 as the weighting factor in standard statistical programs will result in accurate point estimates but will not result in accurate variance estimates. Wolter (1985) provides a detailed discussion on methods used for variance estimation from sample surveys including replication, Taylor series approximation, and analytic methods.

Data Structure

Care was taken in the preparation of the survey analysis files to provide public access to data from the survey with sufficient information for accurate estimations, while meeting requirements for participant and non-participant anonymity. As described below, some detailed variables have been deleted from the public-release files either because (a) they are typically needed only to analyze survey methods and not needed to analyze the survey data or (b) they provide too great a chance of identifying an individual. For the latter reason, some demographic variables are available on public files only in a collapsed version.

In addition to a public-release file, a confidential file (containing a more complete set of variables than the public-release file) has been prepared for internal DMDC use. These files were prepared as SAS system files. An ASCII (Operating System or OS) flat file was prepared from the public-release SAS system file. File names are indicated in Table 7.

Table 7.
Analysis File Names

Type of File	File Name
Public-release File – SAS	RCSMPUB.SD2
Confidential File – SAS	RCSMCON.SD2
Public-release File – OS	RCSMPUB.DAT

³ SUDAAN® is a registered trademark of Research Triangle Institute, Research Triangle Park, NC, USA.

⁴ SPSS® is a registered trademark of SPSS Inc., Chicago, IL, USA.

⁵ SAS® added some features in Version 7 and then expanded them with releases 8.0 and 8.1.

The structure of the confidential file is shown in Figure 2. The confidential file contains the public-release file plus additional confidential variables.

All variables in the confidential file are documented in this report. Appendices E and F list all variables with a notation to indicate which variables are confidential, and show where each variable is documented. Intermediate weighting variables that appear only in the confidential file are documented by Elig et al. (2000). Variables that appear in collapsed form in the public-release part of the file and in a fuller version only in the confidential file are discussed later.

Both the confidential file and public-release file contain 74,487 records, one for every sampled individual. As depicted in Figure 2, these 74,487 records can be divided into three subgroups. The first subgroup, nonrespondents, includes all records indicated by ELIGFLGW=3, where no useable response was received⁶ or no information was received to indicate ineligibility (n = 38,793).

These two subgroups of records are required for analyses: records for study subjects determined to be ineligible (known ineligible), and records for study subjects who returned usable surveys and are assumed to be eligible (eligible respondents). Both the eligible respondents (ELIGFLGW = 1) and known ineligibles (ELIGFLGW = 2) are included because both types of records were used to develop weights that sum to the population total, and both types of records are needed to compute accurate variance estimates by the Taylor series linearization method implemented by SUDAAN.

Figure 2.
The Structure of the Confidential File

Subgroups	Public-release File	Confidential and Detailed Methodological Variables	Number of Records in Subgroup
Nonrespondents (ELIGFLGW=3)			38793
Known Ineligible Sample (ELIGFLGW=2)			471
Eligible Respondents (ELIGFLGW=1)			35223

Note. The shaded portion represents the subset of the data typically required for analysis.

⁶ To be useable, a questionnaire had to have at least one item in each of the question 55 and at least 50% of survey completed.

Variables in the Survey Analysis Files

Public-release File

The variables in the public-release file fall into five categories: (a) derived from survey responses, (b) created by the operations contractor (DRC) to document survey operations, (c) created by the analysis contractor (Westat) to analyze the weighted dataset, (d) created by DMDC for analysis, and (e) extracted from administrative personnel records. Variables are grouped in these categories in Appendix F.

Information gathered on the survey. These variables came directly from the survey or were constructed using only information from the survey. There is at least one variable for every item in the survey except for a few items that had to be removed to preserve confidentiality. The annotated questionnaire (see Appendix C) contains the item names, the values used to code the pre-specified alternatives, and references to applicable coding notes in Appendix D. Appendix I provides information on how DMDC evaluated the special values used for variables in survey skip patterns and documents the treatment of these values in DMDC analyses reported.

Information on weighting. See Appendix J for examples of analyses using these variables:

ELIGFLGW	Eligibility flag
POPTVSTR	Taylor series variance strata population
SMPTVSTR	Taylor's series achieved sample size in variance strata
TVSTR	Taylor's series variance strata
PSTSTR	Final postratification cell
PSW0	Final postratification weight
PSW1-PSW170	Final postratification weight for replicate weights 1-170

Variables constructed for analysis. Certain demographic variables, including some information collected on the survey form, had to be censored to preserve the anonymity promised to survey respondents and nonrespondents. An “R” as the first letter of a variable listed in sections of Appendices E and F is an indication that the variable has been recoded to preserve anonymity of respondents and that a more complete variable is available only on the confidential analysis file.

Certain key demographic variables were constructed for DMDC analyses. These analytic variables, starting with “X”, are based primarily on self-reported information⁷ from the survey. In cases where the self-reported information was missing on member Service, paygrade, location, or respondent gender, data were imputed from member administrative records.

⁷ Self-reported demographics (e.g., paygrade, race/ethnicity, Service) on the survey are current with the collection of the other information on the survey and provide more consistency in responses than using the administrative record for these demographics.

The race and ethnicity questions were combined and are reported in accordance with U.S. Office of Management and Budget Bulletin 00-02 (2000) guidance for aggregation and allocation of multiple race responses for use in civil rights monitoring and enforcement.

The SAS code used in constructing these analytic variables are included in Appendix I. One of the key demographic variables (i.e., SRRETH1) is included in the confidential analytical variable section of the file. One other variable (i.e., R1XRETH1) is a recoding of the actual variable used in DMDC analysis — variables that are only contained on the confidential file because of the possibility of them being used in combination with other variables to identify individuals.

Appendix I also documents many of the decisions made in the analyses reported. For a large number of survey items, analysts must make decisions on the treatment of special codes used to indicate inconsistencies in the survey data, especially on respondent failures to follow skip pattern directions. Skip flags indicate if the skip directions were followed.

Information from records. While most of the variables used in sample design and selection are too detailed to be in the public-release file (see the later section on confidential variables), some items from the administrative records are included in the public-release file.

Confidential File

In addition to variables on the public-release file, the confidential file has five additional categories of variables: (a) the uncensored version of survey items that appear in a collapsed form in the public-release section, (b) the uncensored version of key demographic variables used in analyses that appear in a collapsed form in the public-release section, (c) detailed variables created by DRC to document operations, (d) detailed variables used in sampling, and (e) detailed variables used in weighting. Variables are grouped in these categories in Appendix F.

Confidential variables – survey data. This section of the confidential file contains the original full version of survey variables that had to be recoded for the public-release file to preserve confidentiality. To the extent possible, recoded versions of these variables are in the public-release file section for variables constructed for analysis.

Confidential variables – analysis data. This section of the confidential file contains the original full version of analytic variables constructed by DMDC. To the extent possible, recoded versions of these variables are in the public-release file section for variables constructed for analysis.

Confidential variables – operations data. This section of the confidential file contains operational variables created by DRC. These variables are useful for methodological studies and/or were used by RTI in determining eligibility and response status.

The identifying variables describe how the record was processed once a survey was returned. The variables BATCH, SERIAL and LITHO uniquely identify each returned survey. LITHO is the lithocode scanned from the survey. BATCH and SERIAL are the codes printed on the survey during scanning to identify the scan batch number and scan order of each survey. These numbers can be used to retrieve the paper copy of a survey for a short time after it has been scanned (e.g., should researchers want to check electronically-stored information against the respondent's answer on the paper survey). SCANDATE is the date the survey was scanned, and INRECNO is a unique identification number that DRC assigned to each sample member.

Confidential variables – sampling and record data. This section of the confidential file contains administrative file variables and constructed variables used in determining the sampling design. It also includes the sampling strata identifiers and counts.

Confidential variables – weighting. This section of the confidential file contains variables used in analysis of nonresponse and in the construction of the weights. For more detail, see Wheelless et al. (1997).

A Description of the Information in Appendix G

Regardless of whether analysts use all or only portions of the database, all analysts should-replicate the results found in the tables in Appendix G. It is only by replicating these results that analysts can be sure that they are reading the data correctly. An annotated example of an Appendix G table is listed in Figure 3.

Figure 3.
Annotated Example of a Table from Appendix G

¹2000 Survey of Reserve Component Personnel

² M00177E - ³ All things considered, how satisfied or dissatisfied are you with each feature of the National Guard/Reserve listed below? – Exchange privileges

⁴ OS DATA		⁵ SAS DATA			
COLS	LENGT H	FORMAT NAME	TYPE	LENGTH	INFORMAT
1835-1836	2	MSTSF6_	NUM	4	STDOS2

⁶ FREQ	⁷ PERCENT	⁸ OS VALUE	⁹ SAS VALUE	¹⁰ MEANING
1862	2.5	-9	.	No response
10	0.0	-8	.A	Multiple Response
51484	69.1	-1	.B	No survey return
1327	1.8	1	1	Very dissatisfied
1926	2.6	2	2	Dissatisfied
6150	8.3	3	3	Neither satisfied nor dissatisfied
8852	11.9	4	4	Satisfied
2876	3.9	5	5	Very satisfied
¹¹ 74487	¹¹ 100.1	TOTALS		

¹²PERCENT TOTAL DOES NOT = 100 DUE TO ROUNDING ERROR.

¹³G-522

1. Codebook title and item text. The codebook title is the same for every table in Appendix G of this codebook. It lists both the general study and the specific survey form being summarized. If applicable, the indented text under the title presents the verbatim question or instructions that accompany a specific item in the survey.

2. Variable name. The variable name for a survey item is up to eight characters in length and corresponds to the variable name that is used in the SAS[®]-based, public-release data file. The conventions for naming survey-derived variables are documented in Appendix C. Appendix F contains a full listing of the public-release file variables, as well as short descriptions of what the variables document.

3. Survey item text. For survey items, this text is the verbatim item wording. For other variables, this text provides a verbal description of the variable.

4. Location of the item on the OS data file. This block provides the location of the variable on the OS (ASCII) data file. The OS data block documents (a) the starting and ending column numbers where the data are stored and (b) the number of columns that the data occupy.

5. SAS[®] data file information. This block indicates format name, variable type, length and informat of the data in the SAS[®] data file. The last block indicates the informat appropriate for reading the data from the OS data file.

6. Counts of item value responses. This column indicates the number of sample members who fall into the category corresponding to each value for the variable. The count provided for each variable value should correspond exactly to those that analysts would obtain when running unweighted frequencies on all 74,487 records in the accompanying data base. Before running complex statistical analyses, analysts are encouraged to re-create these frequency tables. Re-creating the counts minimally ensures that the data are being correctly read by the analysts' computers and programs.

7. Respondent percentages for each value. This column indicates the percentage of sample members who marked each variable value. The percentages are calculated by dividing the row value in the "FREQ" column by the total listed at the bottom of the "FREQ" column. The percentages provided for each variable value should correspond exactly to those that analysts would obtain when running unweighted frequencies on all 74,487 records in the accompanying database.

8. Response OS values. This column presents the OS (ASCII) code for the actual or re-coded response values for each survey item. Further details on the values in this column are found in either the annotated survey form or in Appendix C. For example, all negative values are found in Appendix C.

9. Response SAS[®] values. This column presents the SAS[®] code for the actual or re-coded response values for each survey item. Further details on the values in this column are found in either the annotated survey form or in Appendix C. For example, all negative values are found in Appendix C.

10. Explanation of the item value codes. This column presents brief verbal explanations of the OS and SAS[®] coding for each survey item. If the coded information corresponds to survey response alternatives, the text in the table is the verbatim response from the survey instrument. More detailed explanations are found in either the annotated survey form or in Appendix C.

11. Total of response frequencies and percents. The number appearing at the bottom of the “FREQ” column is the total number of sample members in the public-release file. This number is the same for every table in this codebook. That is, every sample member in the database is accounted for on every variable even if the variable indicates only that the information was missing for that sample member. The number appearing at the bottom of the “PERCENT” column is typically 100.0. Rounding error, however, occasionally causes the total percentage to be slightly above or below 100.0.

12. Messages to analysts. The messages alert analysts to situations specific to a variable including (a) rounding errors resulting in a total percentage other than 100 percent; (b) the variable having values that are “too numerous to list;” (c) extraction of the variable from another specified database; (d) creation of the variable from two or more variables specified in the message; and (e) further clarification of the survey item corresponding to the variable.

13. Codebook page number. This is the Appendix G page number corresponding to a specific variable. Appendix F identifies the page number in Appendix G where the variable can be found.

References

- Council of American Survey Research Organizations. (1982). *On the definition of response rates* (Special Report of the CASRO Task Force on Completion Rates, Lester R. Frankel, Chair). Port Jefferson, NY: Author.
- Fox, R. J., Crask, M. R., & Kim, J. (1988). Mail survey response rate: A meta-analysis of selected techniques for inducing response. *Public Opinion Quarterly*, 52, 467-491.
- Wheless, S.C., Mason, R. E., Kavee, J. A., Riemer, R. A., & Elig, T. W. (1997). Armed Forces 1996 Equal Opportunity Survey; Statistical methodology report (Report No. 97-025). Arlington, VA: Defense Manpower Data Center. (DTIC/NTIS No. AD A333 410).
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APPENDIX A

2000 SURVEY OF RESERVE COMPONENT PERSONNEL

2000 Survey of Reserve Component Personnel

Form M



- Use a blue or black pen, or a pencil.
- Select answers you believe are most appropriate.
- Do not make any marks outside of the response and write-in boxes.
- Please PRINT where applicable.
- Place an "X" in the appropriate box or boxes.
- To change an answer using pen, completely black out the wrong answer and put an "X" in the correct box as shown below.
- To change an answer using pencil, completely erase the wrong answer and put an "X" in the correct box.

RIGHT



WRONG



CORRECT ANSWER



INCORRECT ANSWER



ABOUT THIS QUESTIONNAIRE

WHAT IS THE PURPOSE OF THIS SURVEY?

This survey asks about your attitudes and opinions on a wide range of personnel issues in the Reserve components such as morale, well being, and your military plans. This survey will be used to assess programs, policies, and issues affecting Reserve component members and their families. **While no decisions about you alone will be made based on this survey, survey results will influence policy discussions and may result in changes that affect Reserve component members and families.** If you don't respond, your views and the views of other members like you will not be considered in personnel policy reviews and changes.

WHY ME?

You have been selected scientifically to be part of a sample of people who represent members of the Reserve components. Based on your responses and the responses of others, conclusions may be drawn about the views and experiences of Reserve component members overall, and those of demographic subgroups. The validity of these conclusions depends, in part, on receiving enough completed surveys from individuals like you. **The survey results will not be valid if you allow someone else to fill out the survey for you.**

WILL MY SURVEY RESPONSES BE KEPT PRIVATE?

Yes. Under no circumstances will any information about identifiable individuals be released. Your responses will be combined with information from many other members to represent the views and experiences of groups of members. **Do not use any personal, unit, or place names anywhere on this survey.**

PRIVACY NOTICE

In accordance with the Privacy Act of 1974 (Public Law 93-579), this notice informs you of the purpose of the survey and how the findings will be used. Please read it carefully.

AUTHORITY: 10 United States Code, Sections 136, 1782, and 2358.

PRINCIPAL PURPOSE: Information collected in this survey will be used to assess the attitudes and perceptions of Department of Defense and Department of Transportation personnel about programs and policies. This information will help formulate policies that may be needed to improve the working environment.

ROUTINE USES: Reports may be provided to the Secretaries of Defense, Transportation, and the Military Departments, and to the Joint Chiefs of Staff. Findings may be used in reports and testimony provided to Congress. Some findings may be published by the Defense Manpower Data Center (DMDC) or professional journals, or reported in manuscripts presented at conferences, symposia, and scientific meetings. In no case will the data be reported or used for identifiable individuals.

DISCLOSURE: Providing information on this survey is voluntary. There is no penalty if you choose not to respond. However, maximum participation is encouraged so that the data will be complete and representative. Your survey instrument will be treated as confidential. Identifying information will be used only by persons engaged in, and for the purposes of, the survey. Only group statistics will be reported.

I. MILITARY BACKGROUND

1. Of which Reserve component are you a member?

- ☐ Army National Guard ☐ Army Reserve
☐ Naval Reserve ☐ Marine Corps Reserve
☐ Air National Guard ☐ Air Force Reserve
☐ Coast Guard Reserve
☐ No Reserve component

STOP. RETURN SURVEY

2. How many years have you served in any of the following components? *Mark all that apply. Do not count partial years. Include as Reserve component years:*

- Time spent mobilized/activated on active duty
- Time spent in a full-time active duty program
- Time spent in Individual Ready Reserves (IRR)
- Time spent as an Individual Mobilization Augmentee (IMA)

COMPONENT	FULL YEARS	
Active Army (USA)	<input type="text"/>	<input type="text"/>
Army National Guard (ARNG)	<input type="text"/>	<input type="text"/>
Army Reserve (USAR)	<input type="text"/>	<input type="text"/>
Active Navy (USN)	<input type="text"/>	<input type="text"/>
Naval Reserve (USNR)	<input type="text"/>	<input type="text"/>
Active Air Force (USAF)	<input type="text"/>	<input type="text"/>
Air National Guard (ANG)	<input type="text"/>	<input type="text"/>
Air Force Reserve (USAFR)	<input type="text"/>	<input type="text"/>
Active Marine Corps (USMC)	<input type="text"/>	<input type="text"/>
Marine Corps Reserve (USMCR)	<input type="text"/>	<input type="text"/>
Active Coast Guard (USCG)	<input type="text"/>	<input type="text"/>
Coast Guard Reserve (USCGR)	<input type="text"/>	<input type="text"/>

3. What is your current paygrade?

- ☐ E-1 ☐ E-6 ☐ W-1 ☐ O-1/O1E
☐ E-2 ☐ E-7 ☐ W-2 ☐ O-2/O2E
☐ E-3 ☐ E-8 ☐ W-3 ☐ O-3/O3E
☐ E-4 ☐ E-9 ☐ W-4 ☐ O-4
☐ E-5 ☐ W-5 ☐ O-5
 ☐ O-6 or above

4. If you stay in the National Guard/Reserve, when would you expect to be selected for your next promotion to a higher grade?

- ☐ Does not apply, I do not expect a promotion
GO TO QUESTION 6
☐ Does not apply, I have no opportunities for promotion
GO TO QUESTION 6
☐ I have been selected, but not yet received it
☐ Less than 3 months
☐ 3 months to less than 7 months
☐ 7 months to less than 1 year
☐ 1 year to less than 2 years
☐ 2 years or more

5. When would you expect to actually receive your next promotion to a higher grade?

- ☐ Less than 7 months ☐ 2 years or more
☐ 7 months to less than 1 year ☐ I don't expect to receive it
☐ 1 year to less than 2 years

6. How long have you been in your present unit? *Do not count partial years.*

- ☐ Less than 1 year Full years

7. Are you in a different unit now than you were two years ago?

- ☐ I am no longer in a unit **GO TO QUESTION 10**
☐ I was not in a National Guard/Reserve unit two years ago **GO TO QUESTION 10**
☐ No, I am in the same unit **GO TO QUESTION 10**
☐ Yes, in different unit but in same component
☐ Yes, in different unit in different component

8. Did the following contribute to your changing units? *Mark "No" or "Yes" for each item.*

	No	Yes
a. Was offered a promotion	<input type="checkbox"/>	<input type="checkbox"/>
b. Promotion was more likely in new unit ...	<input type="checkbox"/>	<input type="checkbox"/>
c. Relocated away from previous unit because of civilian job, school, or personal reasons .	<input type="checkbox"/>	<input type="checkbox"/>
d. Previous unit was moved	<input type="checkbox"/>	<input type="checkbox"/>
e. Went to a unit that was closer	<input type="checkbox"/>	<input type="checkbox"/>
f. Reorganization within previous unit	<input type="checkbox"/>	<input type="checkbox"/>
g. Previous unit was closed, deactivated or disestablished	<input type="checkbox"/>	<input type="checkbox"/>
h. Previous unit moved to another component	<input type="checkbox"/>	<input type="checkbox"/>
i. Wanted to retrain in a different skill	<input type="checkbox"/>	<input type="checkbox"/>
j. Thought I would like the job better in new unit	<input type="checkbox"/>	<input type="checkbox"/>
k. Problems with co-workers or chain of command	<input type="checkbox"/>	<input type="checkbox"/>
l. Didn't like unit environment	<input type="checkbox"/>	<input type="checkbox"/>
m. Inadequate administrative support from Reserve or Guard unit/center	<input type="checkbox"/>	<input type="checkbox"/>
n. Operations Tempo (OPTEMPO) or Personnel Tempo (PERSTEMPO) was too high	<input type="checkbox"/>	<input type="checkbox"/>
o. Had a new assignment	<input type="checkbox"/>	<input type="checkbox"/>
p. Was released from active component	<input type="checkbox"/>	<input type="checkbox"/>
q. Changed Reserve status (e.g., changed from drilling unit to IRR)	<input type="checkbox"/>	<input type="checkbox"/>
r. Conflict with civilian employment	<input type="checkbox"/>	<input type="checkbox"/>
s. Mandatory rotation	<input type="checkbox"/>	<input type="checkbox"/>
t. Family problems	<input type="checkbox"/>	<input type="checkbox"/>

9. Did you have to retrain in a new skill when you changed units?

- ☐ No ☐ Yes

10. Have you ever been mobilized or deployed as a member of the National Guard/Reserve?

- ☐ No **IF NO, GO TO QUESTION 16**
☐ Yes

- ◆ 11. Were you mobilized or deployed as a Reservist for the operations listed below? Mark "No" or "Yes" for each item. If you mark "Yes" in column A, please indicate whether it was voluntary or involuntary, the deployment's location, and its length. If you mark "No" in column A, go to the next item in column A.

A. Were you mobilized or deployed as a member of the National Guard/Reserve for the operations (a-k) listed below?			B. Was your mobilization voluntary or involuntary?		C. Where did you deploy? (Mark one)				D. How long were you mobilized or deployed? Write in number of months. If under 1 month, enter "00". If mobilized/deployed now, write number of months so far.
	No	Yes	Voluntary	Involuntary	Does not apply, did not deploy	In own state or equivalent (e.g., DC, GU, PR, VI)	To another state or equivalent (e.g., DC, GU, PR, VI)	Outside US	
a. Operation Desert Shield/Storm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
b. Saudi Arabia (Aug 92-present)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
c. Centam, Hurricane Mitch Recovery/Rehab	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
d. Operation Restore/Uphold Democracy (Haiti)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
e. Operation Desert Fox/Iraqi Crisis (SW Asia)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
f. Operation Joint Forge/Guard/Endeavor (Bosnia)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
g. Operation Restore/Continue Hope (Somalia)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
h. Operation Joint Task Force (Cuba)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
i. Operation Allied Force (Kosovo)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
j. Other mobilization or deployment (1) Describe: <input type="text"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>
k. Other mobilization or deployment (2) Describe: <input type="text"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>

12. Are you mobilized/deployed now? If yes, indicate the operation in Question 11 for which you are mobilized/deployed.

☒ No ☒ Yes

IF YES, MARK ONE

☒ a ☒ d ☒ g ☒ j
☒ b ☒ e ☒ h ☒ k
☒ c ☒ f ☒ i

If you are currently mobilized/deployed, answer Questions 13-15 about your current mobilization/deployment. If you are not currently mobilized/deployed, answer Questions 13-15 about your most recent mobilization/deployment.

13. Please estimate your (and your spouse's) total income change from all sources as a result of your most recent mobilization or deployment. If you (and your spouse) have continuing losses from a business or practice, include those in your estimate.

☒ Increased \$5,000 or more ☒ Decreased \$2,500-4,999
☒ Increased \$2,500-4,999 ☒ Decreased \$5,000-9,999
☒ Increased \$1-2,499 ☒ Decreased \$10,000-24,999
☒ No change in income ☒ Decreased \$25,000-49,999
☒ Decreased \$1-2,499 ☒ Decreased \$50,000 or more

14. Did the following changes in expenses occur as a result of your being mobilized or deployed? Mark "No" or "Yes" for each item.

	No	Yes
a. Medical expenses increased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. Medical expenses decreased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c. Telephone expenses increased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
d. Household maintenance and car repairs increased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
e. Household maintenance and car repairs decreased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
f. Childcare increased	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
g. Mortgage payments declined	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

15. What health insurance options did you choose the last time you were mobilized or deployed? Mark "No" or "Yes" for each option.

	No	Yes
a. I kept my private/civilian health insurance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
b. I dropped my private/civilian health insurance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
c. I did not have any health insurance before mobilization/deployment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

16. The questions below are about your preparedness.

Mark one answer for each item.

- | | No | Yes | Not applicable |
|---|--------------------------|--------------------------|--------------------------|
| a. If you are a single parent or are married to a military member, do you have a family care plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. If you have a family care plan, is it up to date? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Do you have a current written will? | <input type="checkbox"/> | <input type="checkbox"/> | |
| d. Does anyone currently hold your power-of-attorney? | <input type="checkbox"/> | <input type="checkbox"/> | |
| e. Do you have life insurance other than SGLI/VGLI? | <input type="checkbox"/> | <input type="checkbox"/> | |
| f. Have you ever filled out a record of emergency data? | <input type="checkbox"/> | <input type="checkbox"/> | |
| g. Have you verified/updated your record of emergency data in the past 12 months? | <input type="checkbox"/> | <input type="checkbox"/> | |
| h. Does your spouse or next-of-kin know where to find your important papers (e.g., will, car registration, checkbook, bank statements)? | <input type="checkbox"/> | <input type="checkbox"/> | |

17. Do you plan to elect the Reserve components Survivor Benefit Plan (SBP) when eligible? Mark only one.

- ☐ Does not apply, I don't plan to remain until eligible for retirement
- ☐ I have already elected to participate
- ☐ I have already elected not to participate
- ☐ Yes, upon receipt of my 20-year letter
- ☐ Yes, when I am 60 years old
- ☐ No
- ☐ Uncertain, I am not aware of the plan at all
- ☐ Uncertain, I don't understand the plan clearly
- ☐ Uncertain, I have not made up my mind

18. Have you volunteered for any operations (floats, police actions, training exercises, etc.) for which you were not mobilized or deployed?

- ☐ No
- ☐ Yes

19. How unlikely or likely is it that you would volunteer for a mobilization or deployment occurring in the next 5 years?

- ☐ Very unlikely
- ☐ Unlikely
- ☐ Neither likely nor unlikely
- ☐ Likely
- ☐ Very likely

20. How unlikely or likely do you think it is that you, as an individual, will be mobilized or deployed in the next 5 years?

- ☐ Very unlikely
- ☐ Unlikely
- ☐ Neither likely nor unlikely
- ☐ Likely
- ☐ Very likely

21. How unlikely or likely do you think it is that your unit will be mobilized or deployed in the next 5 years?

- ☐ Does not apply, I am not in a Guard/Reserve unit
- ☐ Very unlikely
- ☐ Unlikely
- ☐ Neither likely nor unlikely
- ☐ Likely
- ☐ Very likely

In this survey, the definition of "military duties" includes deployments, TADs/TDYS, training, military education, time at sea, and field exercises/alerts.

22. In the past 12 months, have you been away from your home overnight because of your military duties? Do not include nights spent away from home before out-of-town drills.

- ☐ No IF NO, GO TO QUESTION 24
- ☐ Yes

23. During the past 12 months, how long were you away from your home for the following military duties? Add up all nights away from home; assign each night to only one type of military duty.

	10 months to 12 months					
	7 months to less than 10 months					
	5 months to less than 7 months					
	3 months to less than 5 months					
	1 month to less than 3 months					
	Less than 1 month					
	None					
a. Peacekeeping or other contingency operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Foreign humanitarian assistance mission	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Unit training at combat training centers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Counter drug operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Domestic disaster or civil emergency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Time at sea for scheduled deployments (other than for the above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Other time at sea (other than for the above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Joint training/field exercises/alerts (other than for the above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Drills or Annual Training/Active Duty Training (ACDUTRA) (other than for the above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Military education (other than for the above)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Other TADs/TDYS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | |
|------------------------|
| Does not apply |
| Don't know |
| A very serious problem |
| A serious problem |
| Somewhat of a problem |
| A slight problem |
| Not a problem |

- | | | | | |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> A | <input checked="" type="checkbox"/> F | <input checked="" type="checkbox"/> K | <input checked="" type="checkbox"/> P | <input checked="" type="checkbox"/> U |
| <input checked="" type="checkbox"/> B | <input checked="" type="checkbox"/> G | <input checked="" type="checkbox"/> L | <input checked="" type="checkbox"/> Q | <input checked="" type="checkbox"/> V |
| <input checked="" type="checkbox"/> C | <input checked="" type="checkbox"/> H | <input checked="" type="checkbox"/> M | <input checked="" type="checkbox"/> R | |
| <input checked="" type="checkbox"/> D | <input checked="" type="checkbox"/> I | <input checked="" type="checkbox"/> N | <input checked="" type="checkbox"/> S | |
| <input checked="" type="checkbox"/> E | <input checked="" type="checkbox"/> J | <input checked="" type="checkbox"/> O | <input checked="" type="checkbox"/> T | |

Very great influence	
Great influence	
Some influence	
Little influence	
Not at all	

- a. Serving the country
- b. Using educational benefits
- c. Obtaining training in a skill that would help get a civilian job
- d. Serving with the people in the unit
- e. Getting credit toward National Guard/Reserve retirement
- f. Promotion opportunities
- g. Opportunity to use military equipment
- h. Challenge of military training
- i. Needing the money for basic family expenses
- j. Wanting extra money to use now ...
- k. Saving income for the future
- l. Travel/"get away" opportunities
- m. Just enjoying the National Guard/Reserve
- n. Pride in my accomplishments in the National Guard/Reserve
- o. Amount of enjoyment from military job
- p. Special and incentive pay
- q. Reenlistment bonus or continuation pay program
- r. Required to fulfill an obligation

29. Suppose that you have to decide whether to continue to participate in the National Guard/Reserve. Assuming you could stay, how likely is it you would choose to do so?

- ☐ Very unlikely ☐ Likely
☐ Unlikely ☐ Very likely
☐ Neither likely nor unlikely

30. If you could stay in the National Guard/Reserve as long as you want, how likely is it that you would chose to serve in the military until eligible for retirement?

- ☐ Does not apply, I am already eligible for retirement ☐ Unlikely
☐ Neither likely nor unlikely
☐ Likely
☐ Very unlikely ☐ Very likely

31. When you finally leave the National Guard/Reserve, what paygrade do you think you will have? **Mark one.**

- | | | | |
|------------------------------|------------------------------|------------------------------|---------------------------------------|
| <input type="checkbox"/> E-1 | <input type="checkbox"/> E-6 | <input type="checkbox"/> W-1 | <input type="checkbox"/> O-1/O1E |
| <input type="checkbox"/> E-2 | <input type="checkbox"/> E-7 | <input type="checkbox"/> W-2 | <input type="checkbox"/> O-2/O2E |
| <input type="checkbox"/> E-3 | <input type="checkbox"/> E-8 | <input type="checkbox"/> W-3 | <input type="checkbox"/> O-3/O3E |
| <input type="checkbox"/> E-4 | <input type="checkbox"/> E-9 | <input type="checkbox"/> W-4 | <input type="checkbox"/> O-4 |
| <input type="checkbox"/> E-5 | | <input type="checkbox"/> W-5 | <input type="checkbox"/> O-5 |
| | | | <input type="checkbox"/> O-6 or above |

32. When you finally leave the National Guard/Reserve, how many years of service do you expect to have? **Print years of service. If less than 1 year, print "00".**

- Full-time active duty National Guard/Reserve program years of service*
 IRR or Inactive Guard (ING) years of service
 Other National Guard/Reserve years of service (in a part-time status)
 Active component years of service

III. MILITARY TRAINING

33. Are you currently trained/qualified in your duty Military Occupational Specialty/Designator/Rating/Air Force Specialty Code (MOS/D/R/AFSC)?

- ☐ No ☐ Yes

34. Are you currently working in your primary MOS/D/R/AFSC?

- ☐ No ☐ Yes

35. Considering all your National Guard/Reserve time on duty in 1999, what percentage of it was spent performing skills related to your primary MOS/D/R/AFSC?

- ☐ None ☐ 25-49% ☐ 75-99%
☐ 1-24% ☐ 50-74% ☐ All

36. Is your current primary MOS/D/R/AFSC the same one you had while on active duty?

- ☐ Does not apply, I don't have prior active duty service **GO TO QUESTION 38**
☐ Yes **GO TO QUESTION 38**
☐ No

37. When you joined the National Guard/Reserve, did you have to change your primary MOS/D/R/AFSC and did you want to? **Mark "No" or "Yes" for each item.**

- | | No | Yes |
|--|--------------------------|--------------------------|
| a. I <u>had</u> to change my MOS/D/R/AFSC | <input type="checkbox"/> | <input type="checkbox"/> |
| b. I <u>wanted</u> to change my MOS/D/R/AFSC | <input type="checkbox"/> | <input type="checkbox"/> |

38. In 1999, how many calendar days did you spend in a compensated (pay or points) National Guard/Reserve status?

- ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
☐ None
☐ 1-24 days
☐ 25-47 days
☐ 48 days or more

39. In an average month in 1999, how many unpaid hours, off duty, did you spend on your National Guard/Reserve unit's business?

- ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
☐ None *Hours*

40. In an average month in 1999, how many unpaid hours, off duty, did you spend on your professional development in the National Guard/Reserve?

- ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
☐ None *Hours*

41. How many nights did you spend away from your home on official military duties in 1999? **Do not include nights spent away from home before out-of-town drills.**

- ☐ None
 Nights

42. How did you attend the 1999 Annual Training/Active Duty Training (ACDUTRA)?

- ☐ A few days at a time, several times over the year
☐ A week or more at a time, more than once
☐ All at once
☐ Does not apply, did not attend 1999 Annual Training/Active Duty Training (ACDUTRA)

IV. YOUR MILITARY UNIT

43. Please indicate the category of the Selected Reserve to which you belong. **Mark one.**

- ☐ Drilling unit Reservist/Traditional Guardsman
☐ In a full-time active duty National Guard/Reserve program **GO TO QUESTION 50**
☐ Individual Mobilization Augmentee (IMA) **GO TO QUESTION 51**

44. How satisfied are you with ... ?

	Does not apply	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied
a. Training received during your unit drills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Your unit's activities at 1999 Annual Training/ACDUTRA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Opportunities to use your primary MOS/D/R/AFSC skills during unit drills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Opportunities for promotion in your unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Opportunities for leadership in your unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Type of weapons or equipment your unit uses during drills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Mechanical condition of the weapons and equipment your unit uses during training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Supervision and direction given during unit drills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Facilities in which you train	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Your job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Job security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Workload	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Assignment stability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Unit social activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Work group/co-workers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Acquaintances/friendships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Time required at National Guard/Reserve activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Your possibility of being mobilized or deployed in the future	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Number of recent mobilizations or deployments you have experienced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Not being included in recent mobilizations or deployments ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

45. Are you a military technician? (A military technician provides full-time support as a civilian government employee for administration, training, and maintenance of the unit.)

- ☐ No ☐ Yes

46. How much of a problem is each of the following for your unit/organization in achieving training objectives?

	Don't know	A very serious problem	A serious problem	Somewhat of a problem	A slight problem	Not a problem
a. Out-of-date equipment/weapons .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Poor mechanical condition of equipment/weapons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Being below strength in grades E-1 to E-4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Being below strength in grades E-5 to E-9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Being below strength in grades WO-1 to WO-5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Being below strength in grades O-1 to O-6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Not enough staff resources or time to plan effective training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Poor administrative support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Low attendance at unit drills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Low attendance of unit personnel at Annual Training/ACDUTRA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Ineffective training during Annual Training/ACDUTRA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Shortage of MOS/D/R/AFSC qualified personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Quality of personnel in lower-grade drill positions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Quality of leaders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Inadequate time to plan training objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Lack of access to good training facilities and grounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Lack of good instruction manuals and materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Lack of supplies, such as ammunition, gasoline, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Lack of spare/replacement parts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Excessive turnover of personnel .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Inadequate access to command's operating schedule to plan unit annual training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Uncertainty about future status of unit/organization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w. Unit reorganizing/restructuring...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
x. Inadequate resources to support mission	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
y. Inadequate access to computers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
z. Inadequate access to long-term training schedules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

47. About how far do you live from the place where your unit meets/drills?

- | | |
|---|--|
| <input type="checkbox"/> Less than 50 miles | <input type="checkbox"/> 250-299 miles |
| <input type="checkbox"/> 50-99 miles | <input type="checkbox"/> 300-349 miles |
| <input type="checkbox"/> 100-149 miles | <input type="checkbox"/> 350-399 miles |
| <input type="checkbox"/> 150-199 miles | <input type="checkbox"/> 400 miles or more |
| <input type="checkbox"/> 200-249 miles | |

48. How do you usually get to the place of regular military duty or drills? Mark "No" or "Yes" for each item.

- | | No | Yes |
|--|--------------------------|--------------------------|
| a. Drive myself | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Driven by spouse | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Driven by another family member | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Car pool | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Civilian air transportation | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Military air transportation | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Public transportation (e.g., bus, taxi) | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Walk/bicycle | <input type="checkbox"/> | <input type="checkbox"/> |

49. How long does it usually take you to get from home to the place where your unit meets/drills?

- ☐ Less than 1/2 hour
☐ 1/2 hour to less than 1 hour
☐ 1 hour to less than 1 1/2 hours
☐ 1 1/2 hours to less than 2 hours
☐ 2 hours to less than 4 hours
☐ 4 hours or more

50. In general, how would you describe the morale of military personnel in your unit?

- | | |
|---|------------------------------------|
| <input type="checkbox"/> Very low | <input type="checkbox"/> High |
| <input type="checkbox"/> Low | <input type="checkbox"/> Very high |
| <input type="checkbox"/> Neither high nor low | |

51. In general, how would you describe your morale?

- | | |
|---|------------------------------------|
| <input type="checkbox"/> Very low | <input type="checkbox"/> High |
| <input type="checkbox"/> Low | <input type="checkbox"/> Very high |
| <input type="checkbox"/> Neither high nor low | |

V. BENEFITS AND PROGRAMS

52. For each family program or service listed, mark its availability to you and your level of satisfaction with the quality of the service/program. For each item, mark one response in column A and one response in column B.

	A. Availability					B. Satisfaction					
	Don't know	Not available	Off installation only	On installation only	Both on- and off-installation	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied	No basis to judge
a. Individual counseling/therapy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Pre-marital programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Marriage and family counseling/therapy/enrichment ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Family support centers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Programs for families with disabled members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Services for families during separation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. New parent classes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Single parent programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Childcare services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Youth/teen programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Eldercare	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Alcohol/drug abuse programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Spouse employment services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Spouse/child abuse services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Rape counseling services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Crisis referral services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Chaplain services/religious activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Legal assistance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Financial counseling/management education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Recreational programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Educational Services Center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Services for single members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- ◆ 53. During the past 12 months, how often did you and/or your family use the following military on-installation programs, facilities, or services and civilian off-installation programs, facilities, or services? *For each item, mark one response in column A and one response in column B.*

	A. Military On-Installation Program, Facility, or Service						B. Civilian Off-Installation Program, Facility, or Service				
	12+ times	6-11 times	3-5 times	1-2 times	0 times		12+ times	6-11 times	3-5 times	1-2 times	0 times
	Not available						Not available				
a. Auto, crafts, hobby shops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Bank or credit union	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Bowling center or movie theater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Commissary, supermarket, grocery store	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Clubs/dance/night clubs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Fitness center/gym	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Golf course	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Library services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Main exchange/department store	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Outdoor recreation areas (campgrounds, picnic areas, beach, stables, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Outdoor recreation equipment rental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Post office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Recreation center (recreation room, music/TV, game room/amusement machines, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Recreation lodging/hotels/resorts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Shoppette/mini-mart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Class VI/package store/liquor store	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Social activities for single service members (trips, special events, tournaments, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

54. During the past 12 months, have you used any of the following programs and services? *Mark "No" or "Yes" for each item.*

	No	Yes
a. Adult continuing education/counseling ...	<input type="checkbox"/>	<input type="checkbox"/>
b. Tuition assistance programs for college/higher education	<input type="checkbox"/>	<input type="checkbox"/>
c. Technical/vocational programs	<input type="checkbox"/>	<input type="checkbox"/>
d. Basic skills education	<input type="checkbox"/>	<input type="checkbox"/>

55. How much do the following limit your use of the commissary or exchange? *Mark one answer for each row.*

	Completely	Very much	Somewhat	Very little	Not at all
Commissary					
a. Prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Stock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Distance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The law does not allow more frequent use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exchange					
a. Prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Stock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hours	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Distance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

56. Overall, to what extent do you think you or your family save by using the commissary instead of civilian grocery stores?

<input type="checkbox"/> Does not apply, do not use commissary	<input type="checkbox"/> Moderate extent
<input type="checkbox"/> Not at all	<input type="checkbox"/> Large extent
<input type="checkbox"/> Small extent	<input type="checkbox"/> Very large extent

57. Do you currently use the EXCHANGE closest to you?

<input type="checkbox"/> No, I don't use an exchange
<input type="checkbox"/> No, I use an exchange, but it's <u>not</u> the closest
<input type="checkbox"/> Yes, I use the exchange closest to me

58. How long does/would it normally take to get to the exchange closest to you?

<input type="checkbox"/> 10 minutes or less	<input type="checkbox"/> 31-60 minutes
<input type="checkbox"/> 11-20 minutes	<input type="checkbox"/> More than 1 hour
<input type="checkbox"/> 21-30 minutes	<input type="checkbox"/> Don't know

59. Please rate the selection of merchandise at the exchange closest to you.

<input type="checkbox"/> Very poor	<input type="checkbox"/> Good
<input type="checkbox"/> Poor	<input type="checkbox"/> Excellent
<input type="checkbox"/> Average	<input type="checkbox"/> Don't know

60. Please rate the prices at the exchange closest to you compared with prices at other stores in town.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Very poor | <input checked="" type="checkbox"/> Good |
| <input checked="" type="checkbox"/> Poor | <input checked="" type="checkbox"/> Excellent |
| <input checked="" type="checkbox"/> Average | <input checked="" type="checkbox"/> Don't know |

61. At which Service's exchange do you shop most often?

- ☒ Does not apply, I do not shop at an exchange
☒ Army and Air Force Exchange Service (AAFES), Post Exchange (PX) or Base Exchange (BX)
☒ Navy Exchange
☒ Marine Corps Exchange

62. What average savings, not considering sales tax, are available at the exchange?

- | | |
|--|---|
| <input checked="" type="checkbox"/> I believe I pay more at the exchange | <input checked="" type="checkbox"/> 6-10% savings |
| <input checked="" type="checkbox"/> No savings | <input checked="" type="checkbox"/> 11-20% savings |
| <input checked="" type="checkbox"/> 5% savings or less | <input checked="" type="checkbox"/> More than 20% savings |
| | <input checked="" type="checkbox"/> Don't know |

63. Are your (and your spouse's) shopping privileges limited at exchanges?

- ☒ No ☒ Yes ☒ Don't know

64. Can an exchange's merchandise be ordered on the Internet?

- ☒ No ☒ Yes ☒ Don't know

65. Are you now using or eligible for educational benefits as a result of military service?

- ☒ No **IF NO, GO TO QUESTION 68**
☒ Yes

66. For which educational benefits are you eligible as a result of your military service?

- | | | |
|---|-------------------------------------|-------------------------------------|
| | Earning eligibility now | |
| | Yes, already eligible | |
| | No | |
| a. State benefits for National Guard/ Reserve service | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Montgomery GI Bill (MGIB) for Selected Reserve | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. MGIB-Selected Reserve Kicker (A kicker is assistance given to personnel filling critical shortages in skills.) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Active Force benefits (VEAP, MGIB, or tuition assistance) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. MGIB-Active Duty Kicker | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. Tuition assistance (for members of a full-time active duty program) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

67. Which educational benefits are you now using?

Mark "No" or "Yes" for each item.

- | | | |
|--|-------------------------------------|-------------------------------------|
| | No | Yes |
| a. State benefits for National Guard | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. MGIB for Selected Reserve | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Active Force benefits (VEAP, MGIB, or tuition assistance) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. ROTC/NROTC scholarship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

68. The National Guard/Reserve components are developing new information materials. Below is a list of topics that might be included. How interested would you be in receiving such materials?

- | | | |
|---|--|-------------------------------------|
| | Very interested | |
| | Somewhat interested | |
| | Neither interested nor uninterested | |
| | Uninterested | |
| | Very uninterested | |
| a. Retirement benefits | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Survivor Benefit Plan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Family benefits in the National Guard/Reserve | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Mobilization information for family members | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. Montgomery GI Bill for the Selected Reserve | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. Soldiers/Sailors Civil Relief Act | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. Dental insurance | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| h. Medical insurance | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| i. Mobilization preparation for business owners, partners and independent practitioners | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| j. Employer-employee relations/rights | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

69. Do you have any medical/hospitalization coverage(s)?

- ☒ No **IF NO, GO TO QUESTION 72**
☒ Yes

70. Do you have the following medical/hospitalization coverage(s)? Mark "No" or "Yes" for each item.

- | | | |
|---|-------------------------------------|-------------------------------------|
| | No | Yes |
| a. Your civilian employer's healthcare plan .. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Your school's healthcare plan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Your spouse/family member's civilian employer's health plan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. Your active duty military healthcare coverage | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. Your spouse/family member's active duty/retired military healthcare coverage . | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. Veterans' (VA) coverage | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. Other private coverage | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

◆ 71. How satisfied are you with the coverage provided by your medical insurance?

- ☐ Very dissatisfied
- ☐ Dissatisfied
- ☐ Neither satisfied nor dissatisfied
- ☐ Satisfied
- ☐ Very satisfied

72. If you could buy medical insurance through National Guard/Reserve participation, what is the maximum premium cost you would be willing to pay per month?

- ☐ Not applicable, I have medical insurance through National Guard/Reserve participation already
- ☐ Less than \$100 per month
- ☐ \$100-149 per month
- ☐ \$150-199 per month
- ☐ \$200-249 per month
- ☐ \$250-299 per month
- ☐ \$300 or more per month

73. How much did you spend on health care services and products (for you and your family) last year? *Include TRICARE/CHAMPUS deductions, enrollment fees, civilian insurance premiums, drugs, co-pays, deductibles, etc. Do not include dental care.*

- | | |
|--|--|
| <input type="checkbox"/> Don't know | <input type="checkbox"/> \$1,001-\$1,500 |
| <input type="checkbox"/> \$0-\$100 | <input type="checkbox"/> \$1,501-\$2,500 |
| <input type="checkbox"/> \$101-\$500 | <input type="checkbox"/> More than \$2,500 |
| <input type="checkbox"/> \$501-\$1,000 | |

74. Is basic dental insurance available to you as a member of the Selected Reserve?

- ☐ No
- ☐ Yes

75. Do you have any dental coverage(s)?

- ☐ No IF NO, GO TO QUESTION 78
- ☐ Yes

76. Which of the following dental coverage(s) do you have? *Mark "No" or "Yes" for each item.*

- | | No | Yes |
|--|--------------------------|--------------------------|
| a. Your civilian employer's dental plan | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Your spouse/family member's civilian employer's dental plan | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Your active duty military coverage | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Your spouse/family member's active duty military coverage (military dental clinic, TRICARE Family Member Dental Plan) . . | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Veteran (VA) coverage | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other private coverage | <input type="checkbox"/> | <input type="checkbox"/> |

77. How satisfied are you with the coverage provided by the civilian dental insurance that you have?

- ☐ Does not apply, do not have civilian dental insurance
- ☐ Very dissatisfied
- ☐ Dissatisfied
- ☐ Neither satisfied nor dissatisfied
- ☐ Satisfied
- ☐ Very satisfied

78. Are you actively considering changing, expanding or getting dental insurance within the next year?

- ☐ No IF NO, GO TO QUESTION 81
- ☐ Yes

79. What is the maximum premium cost you would be willing to pay to enroll yourself in a comprehensive dental plan?

- ☐ Less than \$10 per month
- ☐ \$10-19 per month
- ☐ \$20-29 per month
- ☐ \$30-39 per month
- ☐ \$40-49 per month
- ☐ \$50 or more per month

80. What is the maximum premium cost you would be willing to pay to enroll yourself and your family members in a comprehensive dental plan?

- ☐ Not applicable
- ☐ Less than \$10 per month
- ☐ \$10-19 per month
- ☐ \$20-29 per month
- ☐ \$30-39 per month
- ☐ \$40-49 per month
- ☐ \$50-59 per month
- ☐ \$60-69 per month
- ☐ \$70 or more per month

VI. INDIVIDUAL AND FAMILY CHARACTERISTICS

81. Are you . . . ?

- ☐ Male
- ☐ Female

82. Are you Spanish/Hispanic/Latino? *Mark "No" if not Spanish/Hispanic/Latino.*

- ☐ No, not Spanish/Hispanic/Latino
- ☐ Yes, Mexican, Mexican American, Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, other Spanish/Hispanic/Latino

83. What is your race? Mark one or more races to indicate what you consider yourself to be.

- ☐ White
- ☐ Black or African American
- ☐ American Indian or Alaska Native
- ☐ Asian (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese)
- ☐ Native Hawaiian or other Pacific Islander (e.g., Samoan, Guamanian or Chamorro)
- ☐ Some other race **Please specify**

Please print

84. Are you a citizen of the United States? Mark one.

- ☐ Yes, born in the United States
- ☐ Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or the Northern Marianas
- ☐ Yes, born abroad of American parent or parents
- ☐ Yes, a U.S. citizen by naturalization
- ☐ No, not a citizen of the United States

85. Were either of your parents (or guardians) in the military when you were born?

- ☐ No
- ☐ Yes, at least one was on active duty
- ☐ Yes, at least one was a Reservist
- ☐ Don't know

86. Did you vote in the last local election? In the last presidential election?

A. Last local election

- ☐ Yes, in person at the polls
- ☐ Yes, by absentee ballot
- ☐ No

B. Last presidential election

- ☐ Yes, in person at the polls
- ☐ Yes, by absentee ballot
- ☐ No

87. Which of the following best describes the type of place where you are living now?

- ☐ In military housing on a base/installation
- ☐ In a large city (over 250,000)
- ☐ In a suburb near a large city
- ☐ In a medium-sized city (50,000-250,000)
- ☐ In a suburb near a medium-sized city
- ☐ In a small city or town (under 50,000)
- ☐ On a farm or ranch
- ☐ In a rural area but not on a farm or ranch

88. How long have you lived in your present neighborhood?

- ☐ Less than 1 year
- ☐ 1 year to less than 3 years
- ☐ 3 years to less than 5 years
- ☐ 5 years or more

89. What is the highest degree or level of school that you have completed? Mark the one answer that describes the highest grade or degree you have completed.

- ☐ 11th grade or less
- ☐ 12 years of school, no diploma
- ☐ High school diploma or the equivalent (e.g., GED), not from home schooling
- ☐ High school diploma or the equivalent (e.g., GED), from home schooling
- ☐ Some college credit, but less than 1 year
- ☐ 1 or more years of college, but no degree
- ☐ Associate's degree (e.g., AA, AS)
- ☐ Bachelor's degree (e.g., BA, AB, BS)
- ☐ Master's degree (e.g., MA, MS)
- ☐ Doctoral or professional degree (e.g., PhD, MD, JD)

90. What is the highest school grade or academic degree that you think you will complete in the future? Mark the one answer that describes the highest grade or degree you think you will complete.

- ☐ Does not apply, I don't plan to attend school in the future
- ☐ 11th grade or less
- ☐ 12 years of school, no diploma
- ☐ High school diploma or the equivalent (e.g., GED), not from home schooling
- ☐ High school diploma or the equivalent (e.g., GED), from home schooling
- ☐ Some college credit, but less than 1 year
- ☐ 1 or more years of college, but no degree
- ☐ Associate's degree (e.g., AA, AS)
- ☐ Bachelor's degree (e.g., BA, AB, BS)
- ☐ Master's degree (e.g., MA, MS)
- ☐ Doctoral or professional degree (e.g., PhD, MD, JD)

91. What kind of civilian school are you currently enrolled in?

- ☐ Not currently enrolled in civilian school
- ☐ High school (home schooling)
- ☐ High school (public or private)
- ☐ GED completion
- ☐ Vocational/trade/business or other career training school
- ☐ Junior or community college (2-year)
- ☐ Four-year college or university
- ☐ Graduate/professional school
- ☐ Other

- ◆ 92. Overall, how much did your family members or others in your life encourage you about entering the National Guard/Reserve? *Mark one for each item.*

	Strongly encouraged	Encouraged	Neither encouraged nor discouraged	Discouraged	Strongly discouraged
--	---------------------	------------	------------------------------------	-------------	----------------------

- | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Father/stepfather/other male guardian | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Mother/stepmother/other female guardian | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Brothers/stepbrothers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Sisters/stepsisters | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Personal friends | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Teacher(s) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

93. Have any of your family members or others in your life served in or retired from the military? (Include National Guard/Reserve.) Please indicate their current military status. *Mark all that apply.*

	Retired from the military	Served 8 years or more and separated	Served less than 8 years and separated	Currently serving in the military	Never served in the military
--	---------------------------	--------------------------------------	--	-----------------------------------	------------------------------

- | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Father/stepfather/other male guardian | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Mother/stepmother/other female guardian | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Brothers/stepbrothers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Sisters/stepsisters | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Personal friends | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Teacher(s) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

94. Do you have any children aged 10 and older with whom you talk about post-high school options such as jobs and education?

☐ No IF NO, GO TO QUESTION 97
☐ Yes

95. When you talk with your children about their future do you encourage them to consider the military?

☐ No
☐ Yes

96. When you talk with your children about their future choices, how positive or negative are you about the following?

	Very positive	Positive	Neither positive nor negative	Negative	Very negative
--	---------------	----------	-------------------------------	----------	---------------

- | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. The military, in general | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Career opportunities in the military | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Serving in the military, but not as a career | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Part-time (National Guard/Reserve) opportunities in the military | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Career opportunities as a civilian Federal government employee | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Career opportunities in the private/civilian sector | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Seeking a college education | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

97. In your opinion, how do the following groups or individuals view your participation in the National Guard/Reserve?

	Does not apply	Very favorably	Somewhat favorably	Neither favorably nor unfavorably	Somewhat unfavorably	Very unfavorably
--	----------------	----------------	--------------------	-----------------------------------	----------------------	------------------

- | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Your spouse | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Your children | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Your spouse's relatives | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Your relatives | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Your neighbors | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Your civilian supervisor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Your civilian co-workers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Your National Guard/Reserve unit members | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

98. Have you ever used a personal computer (PC)?

☐ No IF NO, GO TO QUESTION 102 ☐ Yes

99. Where during the last 12 months have you regularly used a PC? *Mark "No" or "Yes" for each item.*

	No	Yes
a. Home/residence	<input type="checkbox"/>	<input type="checkbox"/>
b. Civilian work/office	<input type="checkbox"/>	<input type="checkbox"/>
c. Guard/Reserve duty station or Armory	<input type="checkbox"/>	<input type="checkbox"/>
d. Installation/ship library	<input type="checkbox"/>	<input type="checkbox"/>
e. Installation/ship recreation center	<input type="checkbox"/>	<input type="checkbox"/>
f. Installation/ship education center	<input type="checkbox"/>	<input type="checkbox"/>
g. Installation/ship family center	<input type="checkbox"/>	<input type="checkbox"/>
h. Other military location	<input type="checkbox"/>	<input type="checkbox"/>
i. Other non-military location (for example, public library)	<input type="checkbox"/>	<input type="checkbox"/>

100. Do you have access to the Internet/World Wide Web?

- ☐ No IF NO, GO TO QUESTION 102
☐ Yes

101. From which location do you most frequently access the Internet/World Wide Web? *Mark one.*

- ☐ Home/residence
☐ Civilian work/office
☐ Guard/Reserve duty station or Armory
☐ Installation/ship library
☐ Installation/ship recreation center
☐ Installation/ship education center
☐ Installation/ship family center
☐ Other military location
☐ Other non-military location (for example, public library)

102. What is your current marital status? *Mark one.*

- ☐ Married
☐ Separated
☐ Divorced GO TO QUESTION 113
☐ Widowed GO TO QUESTION 113
☐ Never married GO TO QUESTION 113

103. How many years have you been married to your current spouse?

- ☐ Less than one year

Full years married

104. Is your spouse ...? *Mark "No" or "Yes" for each item.*

	No	Yes
a. Working full-time in a Federal civilian job .	<input type="checkbox"/>	<input type="checkbox"/>
b. Working part-time in a Federal civilian job .	<input type="checkbox"/>	<input type="checkbox"/>
c. Working full-time in a civilian job (<u>not</u> Federal)	<input type="checkbox"/>	<input type="checkbox"/>
d. Working part-time in a civilian job (<u>not</u> Federal)	<input type="checkbox"/>	<input type="checkbox"/>
e. Managing or working in family business ..	<input type="checkbox"/>	<input type="checkbox"/>
f. Self-employed in own business or profession	<input type="checkbox"/>	<input type="checkbox"/>
g. An unpaid worker (volunteer)	<input type="checkbox"/>	<input type="checkbox"/>
h. Unemployed and looking for job	<input type="checkbox"/>	<input type="checkbox"/>
i. Unemployed, not looking for job, but would like employment	<input type="checkbox"/>	<input type="checkbox"/>
j. Unemployed, not looking for job, and does <u>not want</u> employment	<input type="checkbox"/>	<input type="checkbox"/>
k. In school	<input type="checkbox"/>	<input type="checkbox"/>
l. Retired	<input type="checkbox"/>	<input type="checkbox"/>
m. A homemaker, housewife, househusband .	<input type="checkbox"/>	<input type="checkbox"/>
n. Working multiple jobs	<input type="checkbox"/>	<input type="checkbox"/>
o. Working temporary job(s)	<input type="checkbox"/>	<input type="checkbox"/>

105. Does your spouse speak English as his or her main language at home?

- ☐ No
☐ Yes

106. To what extent do you and your spouse agree on your civilian career plans?

- ☐ Does not apply, I do not have a civilian job
☐ Strongly disagree
☐ Disagree
☐ Neither agree nor disagree
☐ Agree
☐ Strongly agree

107. To what extent do you and your spouse agree on your military career plans?

- ☐ Strongly disagree
☐ Disagree
☐ Neither agree nor disagree
☐ Agree
☐ Strongly agree

108. How has your spouse's support for your decision about staying in the military changed in the past year?

- ☐ Greatly decreased
☐ Somewhat decreased
☐ Has not changed
☐ Somewhat increased
☐ Greatly increased

109. Has your current spouse ever served (past or present) in the U.S. Armed Forces, either on active duty or in the National Guard/Reserve?

- ☐ No IF NO, GO TO QUESTION 113
☐ Yes, currently serving on active duty (not a member of the National Guard/Reserve)
☐ Yes, currently a member of the National Guard/Reserve in a full-time active duty status
☐ Yes, currently a member of a drilling unit in the National Guard/Reserve
☐ Yes, currently an IMA, IRR or ING IF IMA/IRR/ING, GO TO QUESTION 111
☐ Yes, spouse is separated or retired from service IF SEPARATED/RETIRED, GO TO QUESTION 111

110. Are you presently assigned to the same installation or geographic location as your spouse?

- ☐ Yes
☐ No, but I expect my spouse will be assigned to this location soon
☐ No, but I expect to be assigned to my spouse's location soon
☐ No, we were unable to get assigned to the same location
☐ No, for other reasons

111. Has your spouse ever been mobilized or deployed as a member of the National Guard/Reserve?

- ☐ No IF NO, GO TO QUESTION 113
☐ Yes



112. Was your spouse mobilized/deployed as a Reservist for the operations listed below? Mark "No" or "Yes" for each item. If you mark "Yes" in column A, please indicate whether it was voluntary or involuntary, the deployment's location, and its length. If you mark "No" in column A, go to the next item in column A.

A. Was your spouse mobilized or deployed as a <u>member of the National Guard/Reserve</u> for the operations (a-k) listed below?			B. Was his/her mobilization voluntary or involuntary?		C. Where did he/she deploy? (Mark one)				D. How long was he/she mobilized or deployed? Write in number of months. If under 1 month, enter "00". If mobilized/deployed now, write number of months so far.
	No	Yes	Voluntary	Involuntary	Does not apply, did not deploy	In own state or equivalent (e.g., DC, GU, PR, VI)	To another state or equivalent (e.g., DC, GU, PR, VI)	Outside US	
a. Operation Desert Shield/Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
b. Saudi Arabia (Aug 92-present)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
c. Centam, Hurricane Mitch Recovery/Rehab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
d. Operation Restore/Uphold Democracy (Haiti)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
e. Operation Desert Fox/Iraqi Crisis (SW Asia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
f. Operation Joint Forge/Guard/Endeavor (Bosnia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
g. Operation Restore/Continue Hope (Somalia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
h. Operation Joint Task Force (Cuba)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
i. Operation Allied Force (Kosovo)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
j. Other mobilization or deployment (1) <i>Describe:</i> <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
k. Other mobilization or deployment (2) <i>Describe:</i> <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

113. How much of a problem is there for your family when you spend . . . ?

	Does not apply	Very serious problem	Serious problem	Somewhat of a problem	Slight problem	Not a problem
--	----------------	----------------------	-----------------	-----------------------	----------------	---------------

- | | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Time away for weekend drills . | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Time away for Annual Training/ACDUTRA | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Extra time at National Guard/ Reserve business or activities. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Time away for mobilization or deployment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

For Questions 114-119, "dependents" includes children and anyone else in your family, except your spouse, who has or is eligible to have a Uniformed Services identification card (military ID card) or is eligible for military health care benefits and is enrolled in the Defense Enrollment Eligibility Reporting System (DEERS).

114. Based on the definition following Question 113, do you have legal dependents (not including your spouse)?

- ☐ No IF NO, GO TO QUESTION 120
☐ Yes

115. Are arrangements for your dependents who live with you realistically workable for each of the following situations?

	Does not apply	Definitely	Probably	Probably not	Definitely not
--	----------------	------------	----------	--------------	----------------

- | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. Short-term (less than 30 days) emergency situation such as a mobilization exercise. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Long-term situation such as being mobilized or deployed for 30 days or more. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

116. Do you have a spouse, child, or other legal dependent enrolled in the Exceptional Family Member Program (EFMP) or the Coast Guard Special Needs Program?

- ☐ No
☐ Yes

117. Do any of your dependents (not including your spouse) have a physical, mental, or emotional condition requiring specialized treatment or care?

- ☐ No
- ☐ Yes, dependent requires temporary treatment or care
- ☐ Yes, dependent requires permanent treatment or care

118. How many children or other dependents do you have in each age group? *Print the number of dependents you have in each age group.*

Less than 1 year old	1 year - under 2 years old	2-5 years old	6-13 years old	14-22 years old	23-64 years old	65 years old or older

119. How many of your children or other dependents in each age group live with you?

Less than 1 year old	1 year - under 2 years old	2-5 years old	6-13 years old	14-22 years old	23-64 years old	65 years old or older

120. Do you have caregiver responsibilities for an elderly family member (such as shopping, home maintenance, transportation, checking on them by phone, finances, and arrangements for care)? *Include family who live with you or live somewhere else.*

- ☐ No IF NO, GO TO QUESTION 122
- ☐ Yes How many?

121. During the past 12 months, did you lose any time from your military duties due to eldercare responsibilities?

- ☐ No
- ☐ Yes

VII. CIVILIAN WORK

122. Are you currently a member of a full-time active duty Reserve program (i.e., Active Guard and Reserve (AGR), Training and Administration of the Reserve (TAR), or Active Reserve (AR))?

- ☐ No IF NO, GO TO QUESTION 125
- ☐ Yes

123. In 1999, did you have a civilian job?

- ☐ No IF NO, GO TO QUESTION 148
- ☐ Yes

124. How interested are you in working in a National Guard/Reserve job that is similar to your civilian job?

- ☐ Very uninterested
- ☐ Uninterested
- ☐ Neither interested or uninterested
- ☐ Interested
- ☐ Very interested

125. In your civilian job, do you work as any of the following? *Mark "No" or "Yes" for each item.*

- | | No | Yes |
|---|--------------------------|--------------------------|
| a. Physician, registered nurse, dentist, optometrist | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Pilot/navigator | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Information technology professional (computer programmer, systems manager, etc.) | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Clergy | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Lawyer | <input type="checkbox"/> | <input type="checkbox"/> |

126. Are you currently ... ? *Mark "No" or "Yes" for each item.*

- | | No | Yes |
|--|--------------------------|--------------------------|
| a. A member of a full-time active duty program, working an additional civilian job | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Working full-time as an Army or Air Force National Guard/Reserve military technician | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Working full-time in a civilian job (not military technician) | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Working part-time in a civilian job | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Employed in a civilian job but not at work due to <u>temporary</u> illness, vacation, strike, layoff, etc. | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Managing or working in family business . | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Self-employed in own business or profession | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Unpaid worker (volunteer) | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Unemployed and looking for job | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Unemployed, not looking for job, but would like employment | <input type="checkbox"/> | <input type="checkbox"/> |
| k. Unemployed, not looking for job, and do not <u>want</u> employment | <input type="checkbox"/> | <input type="checkbox"/> |
| l. In school | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Retired | <input type="checkbox"/> | <input type="checkbox"/> |
| n. Homemaker, housewife, househusband . | <input type="checkbox"/> | <input type="checkbox"/> |
| o. Working multiple jobs | <input type="checkbox"/> | <input type="checkbox"/> |
| p. Working temporary job(s) | <input type="checkbox"/> | <input type="checkbox"/> |

127. In 1999, how many weeks were you without a civilian job and looking for civilian work?

- ☐ Not applicable, I had a civilian job throughout 1999
- ☐ The entire year

Weeks



128. During 1999, did you do any civilian work for pay? *Answer "Yes" even if you worked only an average of an hour a week as a civilian, or helped without pay in a family business or farm for an average of 15 or more hours per week.*

- ☐ No IF NO, GO TO QUESTION 148
☐ Yes

Questions 129-147 are about your civilian job in 1999. If you had more than one, answer these questions for the one where you worked the most hours per week for most of the year.

129. What kind of business or industry is/was this? *Describe the activity at the location where you were employed. For example: hospital, newspaper publishing, mail order house, auto repair shop, bank. Do not write the name of the company.*

Print kind of business or industry

130. What kind of work are/were you doing? *For example: registered nurse, personnel manager, supervisor of order department, auto mechanic, accountant.*

Print kind of work/job title

131. What are/were your most important activities or duties at this job? *For example: patient care, directing hiring policies, supervising order clerks, repairing automobiles, reconciling financial records.*

Print activities/duties

132. Which of the following best describes your civilian employer in 1999? *Mark one.*

- ☐ Federal government
☐ State government
☐ Local government (including public schools)
☐ Working without pay in family business or farm
☐ Self-employed in own business
☐ Private sector firm with 500 or more employees
☐ Private sector firm with 100-499 employees
☐ Private sector firm with less than 100 employees

133. In 1999, what was your employment status in your primary civilian job? *Mark one.*

- ☐ Permanent employee
☐ Temporary employee

134. During a typical week, what days do/did you work in your main civilian job? *Mark all that apply.*

Sun Mon Tues Wed Thur Fri Sat
☐ ☐ ☐ ☐ ☐ ☐ ☐

135. In 1999, how many hours per week did you usually work at your main civilian job?

Weekly hours

136. In 1999, how many hours per week did you usually work at all of your civilian jobs?

Weekly hours

137. In 1999, did you ever work more than 40 hours per week at your main civilian job?

- ☐ No IF NO, GO TO QUESTION 140
☐ Yes

138. In 1999, how many weeks did you work more than 40 hours per week at your main civilian job?

Number of weeks

139. In 1999, how were you compensated when you worked overtime (e.g., over 40 hrs. in a week)? *Mark "False" or "True" for each item.*

	False	True
a. Not paid extra for working overtime	<input type="checkbox"/>	<input type="checkbox"/>
b. Received compensatory time	<input type="checkbox"/>	<input type="checkbox"/>
c. Paid at my regular pay rate	<input type="checkbox"/>	<input type="checkbox"/>
d. Paid time-and-a-half	<input type="checkbox"/>	<input type="checkbox"/>
e. Paid double-time	<input type="checkbox"/>	<input type="checkbox"/>
f. Paid more than double-time	<input type="checkbox"/>	<input type="checkbox"/>
g. Received bonus	<input type="checkbox"/>	<input type="checkbox"/>
h. Received more fees/commission	<input type="checkbox"/>	<input type="checkbox"/>

140. In 1999, did you have a second civilian job in addition to your primary civilian job?

- ☐ No IF NO, GO TO QUESTION 142
☐ Yes

141. How much did each of the following contribute to your having a second job?

	Completely	Very much	Somewhat	Very little	Not at all
a. Needed additional income to meet basic expenses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Nice to have extra income to use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Saving extra income for future needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Independence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Self-esteem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Enjoyment of work itself	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. To gain experience for a non-military second career	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

142. In 1999, how often did you lose opportunities for overtime/extra pay because of your National Guard/Reserve obligations?

- ☐ Never ☐ Frequently
☐ Rarely ☐ Always
☐ Occasionally

143. Were you self-employed in 1999?

- ☐ No
☐ Yes **IF YES, GO TO QUESTION 146**

144. Which of the following describes how you got time off from your civilian job to meet the following National Guard/Reserve obligations in 1999?

☐ I used military leave/leave of absence
☐ I used vacation/sick/personal days
☐ Obligation was on day(s) I did not work
☐ Does not apply, I did not attend
☐ Does not apply, no conflict with job

- a. Military schooling ☐ ☐ ☐ ☐ ☐ ☐
b. Annual Training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
c. Required drills ☐ ☐ ☐ ☐ ☐ ☐

145. Which of the following best describes how you were paid for the time you took from your civilian job for National Guard/Reserve obligations in 1999?

☐ Does not apply, I did not attend
☐ Other
☐ Received military pay and full civilian pay
☐ Received military pay and partial civilian pay
☐ Received only military pay
☐ Military obligations were on days I didn't work

- a. Military schooling ☐ ☐ ☐ ☐ ☐ ☐
b. Annual Training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
c. Required drills ☐ ☐ ☐ ☐ ☐ ☐

146. How much of a problem is there for your main employer (or for you, if self-employed) when you spend ... ?

☐ Does not apply
☐ Don't know
☐ Very serious problem
☐ Serious problem
☐ Somewhat of a problem
☐ Slight problem
☐ Not a problem

- a. Time away for required drills .. ☐ ☐ ☐ ☐ ☐ ☐
b. Time away for Annual Training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
c. Extra time spent on National Guard/Reserve activities or business ☐ ☐ ☐ ☐ ☐ ☐
d. Time away for mobilization or deployment ☐ ☐ ☐ ☐ ☐ ☐

147. How similar was your civilian job to your National Guard/Reserve duty?

- ☐ Does not apply, my civilian job was as a National Guard/Reserve military technician
☐ Very dissimilar
☐ Somewhat dissimilar
☐ Neither similar nor dissimilar
☐ Somewhat similar
☐ Very similar

148. Have you ever been forced to leave college, technical training, apprenticeship training, or any other kind of educational experience because of a mobilization or deployment (voluntary or involuntary)? **Mark all that apply.**

- ☐ No **IF NO, GO TO SECTION VIII on page 20**
☐ Yes, for involuntary duty
☐ Yes, for voluntary duty

149. What type of educational program were you enrolled in? **Mark all that apply.**

- ☐ College/university (public/state)
☐ College/university (private)
☐ Technical training
☐ Apprenticeship training
☐ Continuing professional education
☐ None of the above

150. Were you able to ... ? **Mark "No" or "Yes" for each item.**

- | | No | Yes |
|--|--------------------------|--------------------------|
| a. Obtain a <u>full</u> refund for tuition and/or fees paid for the semester/quarter interrupted by military duty? | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Obtain a <u>partial</u> refund for tuition and/or fees paid for the semester/quarter interrupted by military duty? | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Receive credit for course work completed? | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Re-enroll, without prejudice, in the same educational institution after performing military duty? | <input type="checkbox"/> | <input type="checkbox"/> |

151. Have you ever participated in computer-based distance learning?

- ☐ No
☐ Yes

VIII. ECONOMIC ISSUES

The questions in this section address economic issues in the lives of military members and their families. The information will be used to better understand the economic and financial concerns of military members and their families. Although people will have different views on what is or is not personal, most people will consider at least some of the questions to be personal. As with all other questions in this survey, your responses will be held in confidence.

152. Which of the following best describes the financial condition of you (and your spouse)?

- ☐ Very comfortable and secure
☐ Able to make ends meet without much difficulty
☐ Occasionally have some difficulty making ends meet
☐ Tough to make ends meet but keeping your head above water
☐ In over your head

153. Overall, how do you feel about your family income (that is, all the money that comes to you and other members of your family living with you)?

- ☐ Very dissatisfied
☐ Dissatisfied
☐ Neither satisfied nor dissatisfied
☐ Satisfied
☐ Very satisfied

154. During the past 12 months, did you (or your spouse) receive any income or financial support from the following sources? Mark "No" or "Yes" for each item.

- | | No | Yes |
|---|--------------------------|--------------------------|
| a. A second job | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Alimony | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Child support | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Supplemental Security Income (SSI) .. | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Unemployment or Workers' Compensation | <input type="checkbox"/> | <input type="checkbox"/> |
| f. State-funded childcare assistance | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Women, Infants, and Children (WIC) .. | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Food Stamp Program | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Head Start Program | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Temporary Assistance for Needy Families (TANF) | <input type="checkbox"/> | <input type="checkbox"/> |
| k. Medicaid | <input type="checkbox"/> | <input type="checkbox"/> |
| l. Other public welfare or assistance | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Interest and dividends on savings | <input type="checkbox"/> | <input type="checkbox"/> |
| n. Stocks, bonds, or other investments .. | <input type="checkbox"/> | <input type="checkbox"/> |
| o. Pensions from federal, state, or local government employment | <input type="checkbox"/> | <input type="checkbox"/> |
| p. Pensions from private employer or union . | <input type="checkbox"/> | <input type="checkbox"/> |
| q. Veterans benefits or pensions | <input type="checkbox"/> | <input type="checkbox"/> |
| r. GI Bill | <input type="checkbox"/> | <input type="checkbox"/> |
| s. Social Security or Railroad Retirement . | <input type="checkbox"/> | <input type="checkbox"/> |
| t. Other sources <u>not</u> including earnings from wages or salaries | <input type="checkbox"/> | <input type="checkbox"/> |

155. What is your total monthly gross (before tax) household income from all sources? Please include your military earnings, your civilian earnings, your spouse's earnings, and income or financial support from any other source.

- | | |
|--|---|
| <input type="checkbox"/> \$1-1,000 | <input type="checkbox"/> \$6,001-7,000 |
| <input type="checkbox"/> \$1,001-2,000 | <input type="checkbox"/> \$7,001-8,000 |
| <input type="checkbox"/> \$2,001-3,000 | <input type="checkbox"/> \$8,001-9,000 |
| <input type="checkbox"/> \$3,001-4,000 | <input type="checkbox"/> \$9,001-10,000 |
| <input type="checkbox"/> \$4,001-5,000 | <input type="checkbox"/> \$10,001 and above |
| <input type="checkbox"/> \$5,001-6,000 | |

156. Which of the following best reflects how you use your National Guard/Reserve income? Mark one.

- ☐ To pay bills
☐ On extra things (vacations, niceties, etc.)
☐ Savings and/or investments

157. Do you (or your spouse) pay child support or alimony? Mark "No" or "Yes" for each item.

- | | No | Yes | Does Not Apply |
|---|--------------------------|--------------------------|--------------------------|
| a. You pay child support | <input type="checkbox"/> | <input type="checkbox"/> | |
| b. Your spouse pays child support | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. You pay alimony | <input type="checkbox"/> | <input type="checkbox"/> | |
| d. Your spouse pays alimony ... | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

158. In the past 12 months, did any of the following happen to you (or your spouse)? Mark "No" or "Yes" for each item.

- | | No | Yes |
|---|--------------------------|--------------------------|
| a. Bounced two or more checks | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Received a letter of indebtedness (e.g., a letter from a lender to your commanding officer that payment is late) | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Had your wages garnished | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Fell behind in paying your rent or mortgage | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Fell behind in paying your credit card, AAFES, or NEXCOM account | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Was pressured to pay bills by stores, creditors, or bill collectors | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Had a bill collector contact your unit leader | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Pawned or sold valuables to make ends meet | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Borrowed money from friends or relatives to help you with a financial difficulty | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Borrowed money through an Emergency Loan Assistance Program or a Service Aid Society | <input type="checkbox"/> | <input type="checkbox"/> |
| k. Had your utilities (telephone, cable, water, heat or electricity) shut off | <input type="checkbox"/> | <input type="checkbox"/> |
| l. Had a car, household appliances, or furniture repossessed | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Went bankrupt (declared personal bankruptcy) | <input type="checkbox"/> | <input type="checkbox"/> |

159. What is the average monthly amount of money that you (and your spouse) pay to meet the following expenses? *Please round off amount to the nearest dollar. For example, if your rent is \$695.40 per month, enter 0695 in the boxes.*

EXPENSE	MONTHLY COST
a. Rent or mortgage	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00
b. Utilities (electric, gas, water, etc.)	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00
c. Maintenance (home, yard, etc.)	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00
d. Loans/leases on cars, trucks, cycles	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00
e. Groceries	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00
f. Other	\$ <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .00

160. What is the amount of payments that you (and your spouse) made last month to cover personal unsecured debt? *Include all credit cards, debt consolidation loans, AAFES loans, NEXCOM loans, student loans, and other personal loans. Exclude home mortgage and car loans.*

<input type="checkbox"/> \$0	<input type="checkbox"/> \$601-750
<input type="checkbox"/> \$1-150	<input type="checkbox"/> \$751-900
<input type="checkbox"/> \$151-300	<input type="checkbox"/> \$901-1050
<input type="checkbox"/> \$301-450	<input type="checkbox"/> \$1051 and above
<input type="checkbox"/> \$451-600	

161. After the last payment was made on personal unsecured debt, what was the total amount you (and your spouse) still owed? *Include all credit cards, debt consolidation loans, AAFES loans, NEXCOM loans, student loans, and other personal loans. Exclude home mortgage and car loans.*

<input type="checkbox"/> \$0	<input type="checkbox"/> \$10,001-12,500
<input type="checkbox"/> \$1-1,000	<input type="checkbox"/> \$12,501-15,000
<input type="checkbox"/> \$1,001-2,500	<input type="checkbox"/> \$15,001-17,500
<input type="checkbox"/> \$2,501-5,000	<input type="checkbox"/> \$17,501-20,000
<input type="checkbox"/> \$5,001-7,500	<input type="checkbox"/> \$20,001 and above
<input type="checkbox"/> \$7,501-10,000	

162. Roughly, what is the total amount of savings you (and your spouse) have? *Please include funds in bank accounts, individual retirement accounts, money market accounts, certificates of deposit, savings bonds, mutual funds, stocks and/or bonds.*

<input type="checkbox"/> \$0	<input type="checkbox"/> \$12,501-15,000
<input type="checkbox"/> \$1-1,000	<input type="checkbox"/> \$15,001-17,500
<input type="checkbox"/> \$1,001-2,500	<input type="checkbox"/> \$17,501-20,000
<input type="checkbox"/> \$2,501-5,000	<input type="checkbox"/> \$20,001-50,000
<input type="checkbox"/> \$5,001-7,500	<input type="checkbox"/> \$50,001-100,000
<input type="checkbox"/> \$7,501-10,000	<input type="checkbox"/> \$100,001 and above
<input type="checkbox"/> \$10,001-12,500	

163. Do you rent or own your principal residence?

☐ Rent
☐ Own
☐ Neither, live in government-owned or -leased housing **GO TO QUESTION 165**
☐ Neither, live with friends/relatives and pay no costs **GO TO QUESTION 165**
☐ Neither, live in other accommodations **GO TO QUESTION 165**

164. How long have you rented or owned your current residence?

☐ Less than one year
 Full years

IX. FULL-TIME ACTIVE DUTY NATIONAL GUARD/RESERVE

165. Are you a member of a full-time active duty National Guard/Reserve program (i.e., Active Guard and Reserve (AGR), Training and Administration of the the Reserve (TAR), or Active Reserve (AR)?

☐ No **IF NO, GO TO QUESTION 173**
☐ Yes

166. In the next year, do you plan to ... ? *Mark "No" or "Yes" for each item.*

	No	Yes
a. Retire	<input type="checkbox"/>	<input type="checkbox"/>
b. Leave the National Guard/Reserve (before retiring)	<input type="checkbox"/>	<input type="checkbox"/>
c. Transfer to an Active component	<input type="checkbox"/>	<input type="checkbox"/>
d. Transfer to another National Guard/Reserve component	<input type="checkbox"/>	<input type="checkbox"/>
e. Become a drilling unit member	<input type="checkbox"/>	<input type="checkbox"/>
f. Transfer to IMA program	<input type="checkbox"/>	<input type="checkbox"/>
g. Transfer to Individual Ready Reserve (IRR)/Inactive National Guard (ING)	<input type="checkbox"/>	<input type="checkbox"/>
h. Remain as an AGR/TAR/AR	<input type="checkbox"/>	<input type="checkbox"/>

167. If you were to leave the AGR/TAR/AR program now and try to find a civilian job, how likely would you be to find a good civilian job?

☐ Very unlikely
☐ Unlikely
☐ Neither likely nor unlikely
☐ Likely
☐ Very likely

168. As of today, how many months have you been assigned as an AGR/TAR/AR to your present post, base or duty station? *Please include any extensions you may have had in the total months assigned.*

☐ Less than one month
 Full months



169. How much longer do you expect to be at your present location?

- ☐ Does not apply, I don't have a specified tour length or I expect to be here indefinitely
☐ Less than 1 month

Full months

170. In all the time you have been in the AGR/TAR/AR program, how many times did you move to a new location because of your permanent change of station (PCS)? *Do not count permanent changes of assignment.*

☐ None IF NONE, GO TO QUESTION 173

PCS moves

171. For your most recent PCS move, were any of the following a problem?

	Does not apply	Don't know	Very serious problem	Serious problem	Somewhat of a problem	Slight problem	Not a problem
a. Adjusting to a higher cost of living	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Moving and setting up a new household	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Temporary lodging expenses.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Cost of setting up a new residence (curtains, carpeting, paint, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Transportation costs incurred during move	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Finding civilian employment for your spouse or dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Continuing your education .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Continuing spouse/dependent education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Transferability of college credits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Finding permanent housing .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Finding shopping areas, recreational facilities, etc. .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Children adjusting to new environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Spouse adjusting to new environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Adjusting yourself to new environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Medical care for Exceptional Family Program member .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Educational facilities for Exceptional Family Program member.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

172. In all the time you have been in the AGR/TAR/AR program, how many times did your spouse/dependents move to a new location because of your permanent changes of station (PCS)?

☐ Does not apply, had no spouse/dependents when I PCS'd

PCS moves

X. MILITARY LIFE

173. Do you perform volunteer work for the National Guard/Reserve, another Defense/Service organization, or for a civilian organization?

☐ No IF NO, GO TO QUESTION 175
☐ Yes

174. How many hours in an average month do you perform volunteer work for a National Guard/ Reserve, other Defense/Service, or civilian organization? *Answer for each, then go to Question 176.*

- a. National Guard/Reserve Hours
b. Other Defense or Service group Hours
c. Civilian organization Hours

175. What prevents you from volunteering? *Mark "No" or "Yes" for each item.*

	No	Yes
a. I do not have time	<input type="checkbox"/>	<input type="checkbox"/>
b. I am not interested	<input type="checkbox"/>	<input type="checkbox"/>
c. Location	<input type="checkbox"/>	<input type="checkbox"/>
d. Times in which activities are scheduled .	<input type="checkbox"/>	<input type="checkbox"/>
e. Lack of childcare	<input type="checkbox"/>	<input type="checkbox"/>
f. I do not have transportation	<input type="checkbox"/>	<input type="checkbox"/>
g. I have not been asked	<input type="checkbox"/>	<input type="checkbox"/>
h. I am physically unable	<input type="checkbox"/>	<input type="checkbox"/>

176. How do you feel about the amount of time you spend on each activity listed below?

	Does not apply	I spend too much time	I spend about the right amount of time	I don't spend enough time
a. Your civilian job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Family activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Leisure activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. National Guard/Reserve activities ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Community activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

177. All things considered, how satisfied or dissatisfied are you with each feature of the National Guard/ Reserve listed below?

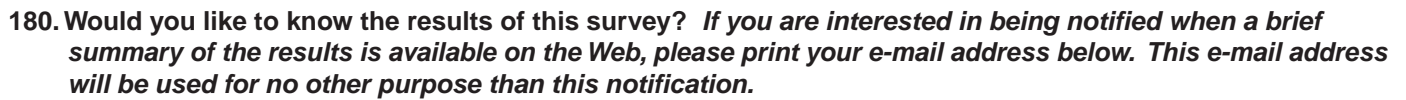
	Not applicable	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied
a. Basic pay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Special and incentive pay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Availability of recruiting/retention bonuses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Commissary privileges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Exchange privileges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Morale/welfare/recreation privileges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Retirement pay you would get ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Cost of living adjustments (COLA) to retirement pay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Other retirement benefits, such as medical care and use of base services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Educational benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Frequency of moves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Amount of discipline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Opportunity to serve your country	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Respect from Active component .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Your participation in the National Guard/Reserve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

178. How much do you agree or disagree with each of the following statements about military life?

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
a. Life in the military is what I expected it to be	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Military personnel in the future will have at least as good retirement benefits as I have	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. My military pay and benefits will not keep up with inflation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

179. How satisfied are you with the following characteristics of the location where you live now? *If you live on an installation, answer for your installation. If you do not live on an installation, answer for your community.*

	Does not apply	Very satisfied	Satisfied	Neither satisfied nor dissatisfied	Dissatisfied	Very dissatisfied
a. Climate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Cost of residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Distance to workplace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Distance to shopping areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Distance to recreation areas ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Safety of the area where you live	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Family's ability to handle cost of living	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Availability of military housing ..	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Quality of military housing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Availability of civilian housing...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Availability of goods and services at the installation or duty station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Recreational facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Attitudes of local residents toward military families	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Availability of Federal employment for spouse or dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Availability of other civilian employment for spouse or dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Quality of school for dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Availability of medical care for you	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Quality of medical care for you	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Availability of medical care for spouse or dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Quality of medical care for spouse or dependents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Availability of military family support programs or services ..	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Please print

181. On what date did you complete this survey?

COMMENTS

182. If you have comments or concerns that you were not able to express in answering this survey, please print them in the space provided.

- **PLEASE RETURN YOUR COMPLETED SURVEY IN THE BUSINESS REPLY ENVELOPE.** (If you misplaced the envelope, mail the survey to DMDC, c/o Data Recognition Corp., 5900 Baker Road, Minnetonka, MN 55345-5967.)
- **IF YOU ARE RETURNING THE SURVEY FROM ANOTHER COUNTRY, BE SURE TO RETURN THE BUSINESS REPLY ENVELOPE ONLY THROUGH A U.S. GOVERNMENT MAIL ROOM OR POST OFFICE.**
- **FOREIGN POSTAL SYSTEMS WILL NOT DELIVER BUSINESS REPLY MAIL.**

THANK YOU FOR YOUR TIME AND ASSISTANCE

For Office Use Only

- 24 -

APPENDIX B

SURVEY COVER LETTERS

U.S. Department
of Transportation

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, D.C. 20593-0001
Staff Symbol: G- WT
Phone: (202) 267-2987
FAX: (202) 267-4493

#BWNGQSZ *****3-DIGIT 553

July 26, 2000

..ll

Dear Petty Officer [REDACTED]

You have been scientifically selected to participate in the "2000 Survey of Reserve Component Personnel." This survey will be used to assess and improve programs and policies affecting members of the U.S. Coast Guard Reserve, other National Guard/Reserve components, and their families. The survey will ask about your attitudes and opinions on a wide range of issues such as your morale, well being, and plans in the Coast Guard Reserve.

Your survey will arrive in the mail in a few weeks. I ask your cooperation in responding to this survey. Your prompt response will ensure your opinions are reflected in the final survey findings. Please be assured your survey answers will be confidential. Your answers will be combined with all other responses received, and only group statistics will be reported. No data identifying individuals will be released.

If the address on this mailing is incorrect or your address will soon change, please take a moment to inform the Survey Processing Center of the correct address. You may register your new address by calling the Survey Processing Center toll-free at 1-800-974-0040. This toll-free line is provided for recording address changes only. If you prefer, you may also mark the address changes on this letter and mail it to DMDC Survey Processing Center, Data Recognition Corporation, 5900 Baker Road, Minnetonka, MN 55345-5967. You can also send your changes via electronic mail to RCS@datarecognitioncorp.com or facsimile at 1-612-493-4956, or you can register address changes online at <http://www.drc-instantaccess.com> DMDCmem with this Ticket Number: **AYMHNT43**

In all communications with the Survey Processing Center, please include your Ticket Number or the mailing number in the lower right corner of this letter.

Thank you for your time and assistance in this important effort.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Sirois".

R. D. Sirois
Rear Admiral, U.S. Coast Guard
Director of Reserve and Training



ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-1500

RESERVE AFFAIRS

#RWNGOSZ *****3-DIGIT 006

July 26, 2000

1.1

Dear Sergeant [REDACTED]

You have been scientifically selected to participate in the "2000 Survey of Reserve Component Personnel." This survey will be used to assess and improve programs and policies affecting members of the National Guard and Reserve components and their families. The survey will ask about your attitudes and opinions on a wide range of personnel issues such as your morale, well being, and military plans.

Your survey will arrive in the mail in a few weeks. I ask your cooperation in responding to this survey. Your prompt response will ensure your opinions are reflected in the final survey findings. Please be assured your survey answers will be confidential. Your answers will be combined with all other responses received, and only group statistics will be reported. No data identifying individuals will be released.

If the address on this mailing is incorrect or your address will soon change, please take a moment to inform the Survey Processing Center of the correct address. You may register your new address by calling the Survey Processing Center toll-free at 1-800-974-0040. This toll-free line is provided for recording address changes only. If you prefer, you may also mark the address changes on this letter and mail it to DMDC Survey Processing Center, Data Recognition Corporation, 5900 Baker Road, Minnetonka, MN 55345-5967. You can also send your changes via electronic mail to RCS@datarecognitioncorp.com or facsimile at 1-612-493-4956, or you can register address changes online at <http://www.drc-instantaccess.com> DMDCmem with this Ticket Number: **AYM3JPH4**

In all communications with the Survey Processing Center, please include your Ticket Number or the mailing number in the lower right corner of this letter.

Thank you for your time and assistance in this important effort.

Sincerely,

Charles L. Cragin
Principal Deputy Assistant Secretary



ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-1500

RESERVE AFFAIRS

#BWNGQSZ *****5-DIGIT 20762
#19 000300001 4#

August 16, 2000

Dear Seaman [REDACTED]:

The Department of Defense (DoD) requests your help in gathering information about important issues affecting you. You were scientifically selected to participate in the "2000 Survey of Reserve Component Personnel." A copy of the survey is enclosed. The information you provide will enable us to evaluate and improve programs and policies affecting members of the National Guard and Reserve components and their families.

Completing this survey should take about 30 to 45 minutes of your time. Please provide frank responses to the survey questions. I assure you your responses will be kept confidential. Only group statistics will be compiled and reported. Obviously, while the survey process is underway, survey administrators must know your identity to provide you with the survey materials. This information will be used only in administering the survey. No information about an individual will be released.

Should you prefer, you may use the Web address *http://www.drc-instantaccess.com DMDCmem* to complete the survey on line. It is not necessary for you to complete the survey in one sitting. To take the survey online you will need to enter this **Ticket Number: KTYK7FEK**

If you choose to complete the paper survey, please return it at your earliest convenience in the enclosed pre-addressed, postage-paid envelope. If you have any questions, you may send electronic mail to RCS@datarecognitioncorp.com or leave a message any time, toll-free, at 1-800-974-0040.

Thank you in advance for your time and cooperation in completing this survey.

Sincerely,

Charles L. Cragin
Principal Deputy Assistant Secretary

Enclosures:
As stated

U.S. Department
of Transportation

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, D.C. 20593-0001
Staff Symbol: G- WT
Phone: (202) 267-2987
FAX: (202) 267-4493

#BWNGQSZ *****3-DIGIT 117

August 16, 2000

Dear Petty Officer [REDACTED]:

I am writing to ask for your help in gathering information about important issues affecting you. You were scientifically selected to participate in the "2000 Survey of Reserve Component Personnel." A copy of the survey is enclosed. The information you provide will enable us to evaluate and improve programs and policies affecting Coast Guard Reservists, members of other National Guard and Reserve components, and their families.

Completing this survey should take about 30 to 45 minutes of your time. Please provide frank responses to the survey questions. I assure you your responses will be kept confidential. Only group statistics will be compiled and reported. Obviously, while the survey process is underway, survey administrators must know your identity to provide you with the survey materials. This information will be used only in administering the survey. No information about an individual will be released.

Should you prefer, you may use the Web address *http://www.drc-instantaccess.com DMDCmem* to complete the survey online. It is not necessary for you to complete the survey in one sitting. To take the survey online you will need to enter this **Ticket Number: H74NJXK9**

If you choose to complete the paper survey, please return it at your earliest convenience in the enclosed pre-addressed, postage-paid envelope. If you have any questions, you may send electronic mail to RCS@datarecognitioncorp.com or leave a message any time, toll-free, at 1-800-974-0040.

Thank you in advance for your time and cooperation in completing this survey.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Sirois".

R. D. Sirois
Rear Admiral, U.S. Coast Guard
Director of Reserve and Training

Enclosures:
As stated

U.S. Department
of Transportation

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, D.C. 20593-0001
Staff Symbol: G- WT
Phone: (202) 267-2987
FAX: (202) 267-4493

#RWNGOSZ *****3-DIGIT 553

September 6, 2000

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Dear Petty Officer [REDACTED]:

Recently you were mailed the "2000 Survey of Reserve Component Personnel." I want to emphasize two things about this survey.

First and foremost, this survey will assist in improving the effectiveness of U.S. Coast Guard policies and programs.

The second point is that your participation in this survey is crucial. Not all Coast Guard Reservists will receive a survey; therefore, your answers will represent the views of many others like you.

You may have already completed your survey. If so, thank you for your participation. Your responses will be held in strictest confidence. If not, please complete the survey and return it in the postage-paid envelope we sent, or do your survey online.

Use the Web address <http://www.drc-instantaccess.com/DMDCmem> to complete the survey online. It is not necessary for you to complete the survey in one sitting. To take the survey online you will need to enter this **Ticket Number: AYMHT43**

If you prefer to respond via the paper survey but have not received a copy, please inform the Survey Processing Center of your correct address by calling any time, toll-free, at 1-800-974-0040. You may also send your address changes via electronic mail to RCS@datarecognitioncorp.com or via the Survey Processing Center's Web page at <http://www.drc-instantaccess.com/DMDCmem> (enter Ticket Number listed above) or via facsimile at 1-612-493-4956. You may also mark the address changes on this letter and mail it to DMDC Survey Processing Center, Data Recognition Corporation, 5900 Baker Road, Minnetonka, MN 55345-5967. In all communications with the Survey Processing Center, please include your Ticket Number or the mailing number in the lower right corner of this letter.

Your time and cooperation are appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Sirois".

R. D. Sirois
Rear Admiral, U.S. Coast Guard
Director of Reserve and Training



RESERVE AFFAIRS

ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-1500

#BWNGOSZ *****3-DIGIT 006

September 6, 2000

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Dear Sergeant [REDACTED]

Recently you were mailed the "2000 Survey of Reserve Component Personnel." I want to emphasize two things about this survey.

First and foremost, this survey will assist in improving the effectiveness of National Guard and Reserve policies and programs.

The second point is that your participation in this survey is crucial. Not all military members and spouses will receive a survey; therefore, your answers will represent the views of many others like you.

You may have already completed your survey. If so, thank you for your participation. Your responses will be held in strictest confidence. If you have not yet completed the survey, please finish it and return it in the postage-paid envelope we sent, or do your survey online.

Use the Web address *http://www.drc-instantaccess.com DMDCmem* to complete the survey online. It is not necessary for you to complete the survey in one sitting. To take the survey online you will need to enter this **Ticket Number: AYM3JPH4**

If you prefer to respond via the paper survey but have not received a copy, please take a moment to inform the Survey Processing Center of your correct address. You may register your new address by calling the Survey Processing Center any time, toll-free, at 1-800-974-0040. You may also send your address changes via electronic mail to *RCS@datarecognitioncorp.com* or via the Survey Processing Center's Web page at *http://www.drc-instantaccess.com DMDCmem* (enter Ticket Number listed above) or via facsimile at 1-612-493-4956. You may also mark the address changes on this letter and mail it to DMDC Survey Processing Center, Data Recognition Corporation, 5900 Baker Road, Minnetonka, MN 55345-5967. In all communications with the Survey Processing Center, please include your Ticket Number or the mailing number in the lower right corner of this letter.

Your time and cooperation are appreciated.

Sincerely,

Charles L. Cragin
Principal Deputy Assistant Secretary



#BWNGOSZ *****3-DIGIT 337

September 27, 2000

Dear Chief Warrant Officer [REDACTED]:

Several weeks ago, you were asked to participate in the "2000 Survey of Reserve Component Personnel." When this letter was prepared, we had not yet received your completed survey.

Your participation in this survey is very important. The survey results will enable the Departments of Transportation and Defense to improve the effectiveness of policies and programs that affect you and others like you. This is your opportunity to provide information regarding concerns that affect you and your family.

I want to assure you that Federal law requires us to keep your answers private. We cannot release information that would identify any individual's answers.

If you have already returned your completed survey or responded via the Web, please discard the enclosed duplicate survey and accept my thanks. If you have not yet responded, please complete the survey and return it in the enclosed postage-paid envelope. Or, use the Web address <http://www.drc-instantaccess.com/DMDCMem> to complete the survey online.

To take the online survey you will need to enter this **Ticket Number: FFANRNWF**. It is not necessary for you to complete the online survey in one sitting.

Your time and cooperation are appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Sirois".

R. D. Sirois
Rear Admiral, U.S. Coast Guard
Director of Reserve and Training

Enclosures:
As stated



RESERVE AFFAIRS

ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-1500

#BWNGOSZ *****5-DIGIT 22192

September 27, 2000

Dear Captain [REDACTED]:

Several weeks ago, you were asked to participate in the "2000 Survey of Reserve Component Personnel." When this letter was prepared, we had not yet received your completed survey.

Your participation in this survey is very important. The survey results will enable the Department of Defense and the Armed Services to improve the effectiveness of policies and programs that affect you and others like you. This is your opportunity to provide information regarding concerns that affect you and your family.

I want to assure you that Federal law requires us to keep your answers private. We cannot release information that would identify any individual's answers.

If you have already returned your completed survey or responded via the Web, please discard the enclosed duplicate survey and accept my thanks. If you have not yet responded, please complete the survey and return it in the enclosed postage-paid envelope. Or, use the Web address <http://www.drc-instantaccess.com/DMDCmem> to complete the survey online.

To take the online survey you will need to enter this **Ticket Number: KPTU3JJU**. It is not necessary for you to complete the online survey in one sitting.

Your time and cooperation are appreciated.

Sincerely,

Charles L. Cragin
Principal Deputy Assistant Secretary

Enclosures:
As stated



RESERVE AFFAIRS

ASSISTANT SECRETARY OF DEFENSE

WASHINGTON, D.C. 20301-1500

#BWNGOSZ *****5-DIGIT 31088

October 25, 2000

Dear Sergeant [REDACTED]

Recently you were asked to participate in the "2000 Survey of Reserve Component Personnel." Your completed survey had not been received by the Survey Processing Center at the time this latest letter was prepared. Because your views and opinions are important, I urge you to take this final opportunity to complete this survey.

The survey findings may be used to change policies and programs that affect you. We have sent the survey to a scientifically selected sample of people so that the survey findings can accurately represent the opinions and attitudes of all personnel and spouses. However, the success of this method depends on you, and others like you, who are willing to respond to the survey.

If you have already completed the survey, we thank you for your time and cooperation. If you have not already done so, please take the time to complete the survey and return it in the postage-paid envelope. A duplicate survey is enclosed for your convenience. Or, use the Web address <http://www.drc-instantaccess.com/DMDCmem> to take the survey online. It is not necessary for you to complete the online survey in one sitting. To take the survey online you will need to enter this
Ticket Number: KNHWWKET

For your views to be included in the survey results, your survey must be received within three weeks of receiving this letter. The results of the survey will also be on the Web after a summary is prepared.

Thank you for your participation in this important effort.

Sincerely,

Charles L. Cragin
Principal Deputy Assistant Secretary

Enclosures:
As stated



#BWNGOS7. *****3-DIGIT 945

October 25, 2000

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Dear Petty Officer [REDACTED]:

Recently you were asked to participate in the "2000 Survey of Reserve Component Personnel." Your completed survey had not been received by the Survey Processing Center at the time this latest letter was prepared. Because your views and opinions are important, I urge you to take this final opportunity to complete this survey.

The survey findings may be used to change policies and programs that affect you. We have sent the survey to a scientifically selected sample of people so that the survey findings can accurately represent the opinions and attitudes of all personnel and spouses. However, the success of this method depends on you, and others like you, who are willing to respond to the survey.

If you have already completed the survey, we thank you for your time and cooperation. If you have not already done so, please take the time to complete the survey and return it in the postage-paid envelope. A duplicate survey is enclosed for your convenience. Or, use the Web address <http://www.drc-instantaccess.com/DMDCmem> if you prefer to complete the survey online. It is not necessary for you to complete the online survey in one sitting. To take the survey online you will need to enter this **Ticket Number: 4VVYTMMM**

For your views to be included in the survey results, your survey must be received within three weeks of receiving this letter. The results of the survey will also be on the Web after a summary is prepared.

Thank you for your participation in this important effort.

Sincerely,

A handwritten signature in black ink, appearing to read "R. D. Sirois".

R. D. Sirois
Rear Admiral, U.S. Coast Guard
Director of Reserve and Training

Enclosures:
As stated

APPENDIX C

ANNOTATED QUESTIONNAIRE

2000 Survey of Reserve Component Personnel

Form M

Army National Guard Seal

U.S. Army Reserve Seal

U.S. Naval Reserve Seal

U.S. Marine Corps Reserve Seal

U.S. Coast Guard Reserve Seal

U.S. Air Force Reserve Seal

Air National Guard Seal

DMDC SURVEY No. 00-0002M

DEFENSE MANPOWER DATA CENTER
ATTN: SURVEY PROCESSING CENTER
DATA RECOGNITION CORPORATION
5900 BAKER ROAD
MINNETONKA, MN 55345-5967

- Use a blue or black pen, or a pencil.
- Select answers you believe are most appropriate.
- Do not make any marks outside of the response and write-in boxes.
- Please PRINT where applicable.

- Place an "X" in the appropriate box or boxes.

RIGHT	WRONG
<div style="border: 1px solid black; padding: 2px; display: inline-block;">X</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">√</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">O</div>
- To change an answer using **pen**, completely black out the wrong answer and put an "X" in the correct box as shown below.

CORRECT ANSWER	INCORRECT ANSWER
<div style="border: 1px solid black; padding: 2px; display: inline-block;">X</div>	<div style="background-color: black; width: 40px; height: 20px; display: inline-block;"></div>
- To change an answer using **pencil**, completely erase the wrong answer and put an "X" in the correct box.

ABOUT THIS QUESTIONNAIRE

WHAT IS THE PURPOSE OF THIS SURVEY?

This survey asks about your attitudes and opinions on a wide range of personnel issues in the Reserve components such as morale, well being, and your military plans. This survey will be used to assess programs, policies, and issues affecting Reserve component members and their families. **While no decisions about you alone will be made based on this survey, survey results will influence policy discussions and may result in changes that affect Reserve component members and families.** If you don't respond, your views and the views of other spouses like you will not be considered in personnel policy reviews and changes.

WHY ME?

You have been selected scientifically to be part of a sample of people who represent members of the Reserve components. Based on your responses and the responses of others, conclusions may be drawn about the views and experiences of Reserve component spouses overall, and those of demographic subgroups. The validity of these conclusions depends, in part, on receiving enough completed surveys from individuals like you. **The survey results will not be valid if you allow someone else to fill out the survey for you.**

WILL MY SURVEY RESPONSES BE KEPT PRIVATE?

Yes. Under no circumstances will any information about identifiable individuals be released. Your responses will be combined with information from many other spouses to represent the views and experiences of groups of members. **Do not use any personal, unit, or place names anywhere on this survey.**

PRIVACY NOTICE

In accordance with the Privacy Act of 1974 (Public Law 93-579), this notice informs you of the purpose of the survey and how the findings will be used. Please read it carefully.

AUTHORITY: 10 United States Code, Sections 136, 1782, and 2358.

PRINCIPAL PURPOSE: Information collected in this survey will be used to assess the attitudes and perceptions of spouses of Department of Defense and Department of Transportation personnel about programs and policies. This information will help formulate policies that may be needed to improve the working environment.

ROUTINE USES: Reports may be provided to the Secretaries of Defense, Transportation, and the Military Departments, and to the Joint Chiefs of Staff. Findings may be used in reports and testimony provided to Congress. Some findings may be published by the Defense Manpower Data Center (DMDC) or professional journals, or reported in manuscripts presented at conferences, symposia, and scientific meetings. In no case will the data be reported or used for identifiable individuals.

DISCLOSURE: Providing information on this survey is voluntary. There is no penalty if you choose not to respond. However, maximum participation is encouraged so that the data will be complete and representative. Your survey instrument will be treated as confidential. Identifying information will be used only by persons engaged in, and for the purposes of, the survey. Only group statistics will be reported.

I. MILITARY BACKGROUND

SRSVC1 - 001 SRSVC1SK Note 1 XMIMPC

1. Of which Reserve component are you a member?

- 1 ☐ Army National Guard 2 ☐ Army Reserve
 3 ☐ Naval Reserve 4 ☐ Marine Corps Reserve
 5 ☐ Air National Guard 6 ☐ Air Force Reserve
 7 ☐ Coast Guard Reserve
 8 ☐ No Reserve component → STOP. RETURN SURVEY

M00002a-1 Note 2 RM002a-1

2. How many years have you served in any of the following components? Mark all that apply. Do not count partial years. Include as Reserve component years:

- Time spent mobilized/activated on active duty
- Time spent in a full-time active duty program
- Time spent in Individual Ready Reserves (IRR)
- Time spent as an Individual Mobilization Augmentee (IMA)

COMPONENT	FULL YEARS
a. Active Army (USA)	
b. Army National Guard (ARNG)	
c. Army Reserve (USAR)	
d. Active Navy (USN)	
e. Naval Reserve (USNR)	
f. Active Air Force (USAF)	
g. Air National Guard (ANG)	
h. Air Force Reserve (USAFR)	
i. Active Marine Corps (USMC)	
j. Marine Corps Reserve (USMCR)	
k. Active Coast Guard (USCG)	
l. Coast Guard Reserve (USCGR)	

SRGRADE - 003 XMIMPP

3. What is your current paygrade?

- 01 ☐ E-1 06 ☐ E-6 11 ☐ W-1 21 ☐ O-1/O1E
 02 ☐ E-2 07 ☐ E-7 12 ☐ W-2 22 ☐ O-2/O2E
 03 ☐ E-3 08 ☐ E-8 13 ☐ W-3 23 ☐ O-3/O3E
 04 ☐ E-4 09 ☐ E-9 14 ☐ W-4 24 ☐ O-4
 05 ☐ E-5 15 ☐ W-5 25 ☐ O-5
 26 ☐ O-6 or above

M00004 M00004SK Note 3

4. If you stay in the National Guard/Reserve, when would you expect to be selected for your next promotion to a higher grade?

- 61 ☐ Does not apply, I do not expect a promotion →
GO TO QUESTION 6
 62 ☐ Does not apply, I have no opportunities for promotion →
GO TO QUESTION 6
 1 ☐ I have been selected, but not yet received it
 2 ☐ Less than 3 months
 3 ☐ 3 months to less than 7 months
 4 ☐ 7 months to less than 1 year
 5 ☐ 1 year to less than 2 years
 6 ☐ 2 years or more

M00005

5. When would you expect to actually receive your next promotion to a higher grade?

- 1 ☐ Less than 7 months 4 ☐ 2 years or more
 2 ☐ 7 months to less than 1 year 5 ☐ I don't expect to receive it
 3 ☐ 1 year to less than 2 years

M00006 Note 4

6. How long have you been in your present unit? Do not count partial years.

- 0 ☐ Less than 1 year

--	--

Full years

M00007 M00007SK Note 5

7. Are you in a different unit now than you were two years ago?

- 1 ☐ I am no longer in a unit → GO TO QUESTION 10
 2 ☐ I was not in a National Guard/Reserve unit two years ago → GO TO QUESTION 10
 3 ☐ No, I am in the same unit → GO TO QUESTION 10
 4 ☐ Yes, in different unit but in same component
 5 ☐ Yes, in different unit in different component

M00008a-t RM008dh RM008p RM008q

8. Did the following contribute to your changing units? Mark "No" or "Yes" for each item.

	1	2
	No	Yes
a. Was offered a promotion	<input type="radio"/>	<input type="radio"/>
b. Promotion was more likely in new unit	<input type="radio"/>	<input type="radio"/>
c. Relocated away from previous unit because of civilian job, school, or personal reasons	<input type="radio"/>	<input type="radio"/>
d. Previous unit was moved	<input type="radio"/>	<input type="radio"/>
e. Went to a unit that was closer	<input type="radio"/>	<input type="radio"/>
f. Reorganization within previous unit	<input type="radio"/>	<input type="radio"/>
g. Previous unit was closed, deactivated or disestablished	<input type="radio"/>	<input type="radio"/>
h. Previous unit moved to another component	<input type="radio"/>	<input type="radio"/>
i. Wanted to retrain in a different skill	<input type="radio"/>	<input type="radio"/>
j. Thought I would like the job better in new unit	<input type="radio"/>	<input type="radio"/>
k. Problems with co-workers or chain of command	<input type="radio"/>	<input type="radio"/>
l. Didn't like unit environment	<input type="radio"/>	<input type="radio"/>
m. Inadequate administrative support from Reserve or Guard unit/center	<input type="radio"/>	<input type="radio"/>
n. Operations Tempo (OPTEMPO) or Personnel Tempo (PERSTEMPO) was too high	<input type="radio"/>	<input type="radio"/>
o. Had a new assignment	<input type="radio"/>	<input type="radio"/>
p. Was released from active component	<input type="radio"/>	<input type="radio"/>
q. Changed Reserve status (e.g., changed from drilling unit to IRR)	<input type="radio"/>	<input type="radio"/>
r. Conflict with civilian employment	<input type="radio"/>	<input type="radio"/>
s. Mandatory rotation	<input type="radio"/>	<input type="radio"/>
t. Family problems	<input type="radio"/>	<input type="radio"/>

M00009

9. Did you have to retrain in a new skill when you changed units?

- 1 ☐ No 2 ☐ Yes

M00010 M00010SK Note 6

10. Have you ever been mobilized or deployed as a member of the National Guard/Reserve?

- 1 ☐ No → If NO, GO TO QUESTION 16 2 ☐ Yes

11. Were you mobilized or deployed as a Reservist for the operations listed below? Mark "No" or "Yes" for each item. If you mark "Yes," in column A, please indicate whether it was voluntary or involuntary, the deployment's location, and its length. If you mark "No" in Column A, go to the next item in column A.

A. Were you mobilized or deployed as a member of the National Guard/Reserve for the operations (a-k) listed below?		B. Was your mobilization voluntary or involuntary?		C. Where did you deploy? (Mark one)				D. How long were you mobilized or deployed? Write in number of months. If under 1 month, enter "00". If mobilized/deployed now, write number of months so far.	
1. 2. No Yes →		1. Voluntary	2. Involuntary	64 Does not apply, did not deploy	1. In own state or equivalent (e.g., DC, GU, PR, VI)	2. To another state or equivalent (e.g., DC, GU, PR, VI)	3. Outside US		
a. Operation Desert Shield/Storm	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
b. Saudi Arabia (Aug 92-present)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
c. Centam, Hurricane Mitch Recovery/Rehab	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
d. Operation Restore/Uphold Democracy (Haiti)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
e. Operation Desert Fox/Iraqi Crisis (SW Asia)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
f. Operation Joint Forge/Guard/Endeavor (Bosnia)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
g. Operation Restore/Continue Hope (Somalia)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
h. Operation Joint Task Force (Cuba)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
i. Operation Allied Force (Kosovo)	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
j. Other mobilization or deployment (1) Describe: <input type="text" value="M00011JS"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
k. Other mobilization or deployment (2) Describe: <input type="text" value="M00011KS"/>	<input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

M00012, M00012N, M00012SK, Note 8, RM0012

12. Are you mobilized/deployed now? If yes, indicate the operation in Question 11 for which you are mobilized/deployed.

1. ☒ No 2. ☒ Yes → IF YES, MARK ONE 7
- 1 ☐ a 4 ☐ d 7 ☐ g 10 ☐ j
- 2 ☐ b 5 ☐ e 8 ☐ h 11 ☐ k
- 3 ☐ c 6 ☐ f 9 ☐ i

If you are currently mobilized/deployed, answer Questions 13-15 about your current mobilization/deployment. If you are not currently mobilized/deployed, answer Questions 13-15 about your most recent mobilization/deployment.

M00013

13. Please estimate your (and your spouse's) total income change from all sources as a result of your most recent mobilization or deployment. If you (and your spouse) have continuing losses from a business or practice, include those in your estimate.

- 01 ☐ Increased \$5,000 or more 06 ☐ Decreased \$2,500-4,999
- 02 ☐ Increased \$2,500-4,999 07 ☐ Decreased \$5,000-9,999
- 03 ☐ Increased \$1-2,499 08 ☐ Decreased \$10,000-24,999
- 04 ☐ No change in income 09 ☐ Decreased \$25,000-49,999
- 05 ☐ Decreased \$1-2,499 10 ☐ Decreased \$50,000 or more

M00014a-g

14. Did the following changes in expenses occur as a result of your being mobilized or deployed? Mark "No" or "Yes" for each item.

1. 2. No Yes
- a. Medical expenses increased ☐ ☐
- b. Medical expenses decreased ☐ ☐
- c. Telephone expenses increased ☐ ☐
- d. Household maintenance and car repairs increased ☐ ☐
- e. Household maintenance and car repairs decreased ☐ ☐
- f. Childcare increased ☐ ☐
- g. Mortgage payments declined ☐ ☐

M00015a-c

15. What health insurance options did you choose the last time you were mobilized or deployed? Mark "No" or "Yes" for each item.

1. 2. No Yes
- a. I kept my private/civilian health insurance ☐ ☐
- b. I dropped my private/civilian health insurance ☐ ☐
- c. I did not have any health insurance before mobilization/deployment ☐ ☐

M00016a-h

16. The questions below are about your preparedness. Mark one answer for each item.

-6 Not applicable

2 Yes |

1 No | |

- a. If you are a single parent or are married to a military member, do you have a family care plan? ☐ ☐ ☐
- b. If you have a family care plan, is it up to date? ☐ ☐ ☐
- c. Do you have a current written will? ☐ ☐
- d. Does anyone currently hold your power-of-attorney? ☐ ☐
- e. Do you have life insurance other than SGLI/VGLI? ☐ ☐
- f. Have you ever filled out a record of emergency data? ☐ ☐
- g. Have you verified/updated your record of emergency data in the past 12 months? ☐ ☐
- h. Does your spouse or next-of-kin know where to find your important papers (e.g., will, car registration, checkbook, bank statements)? ☐ ☐

M00017

17. Do you plan to elect the Reserve components Survivor Benefit Plan (SBP) when eligible? Mark only one.

- 6 ☐ Does not apply, I don't plan to remain until eligible for retirement
- 1 ☐ I have already elected to participate
- 2 ☐ I have already elected not to participate
- 3 ☐ Yes, upon receipt of my 20-year letter
- 4 ☐ Yes, when I am 60 years old
- 5 ☐ No
- 6 ☐ Uncertain, I am not aware of the plan at all
- 7 ☐ Uncertain, I don't understand the plan clearly
- 8 ☐ Uncertain, I have not made up my mind

M00018

18. Have you volunteered for any operations (floats, police actions, training exercises, etc.) for which you were not mobilized or deployed?

- 1 ☐ No
- 2 ☐ Yes

M00019

19. How unlikely or likely is it that you would volunteer for a mobilization or deployment occurring in the next 5 years?

- 1 ☐ Very unlikely
- 2 ☐ Unlikely
- 3 ☐ Neither likely nor unlikely
- 4 ☐ Likely
- 5 ☐ Very likely

M00020

20. How unlikely or likely do you think it is that you, as an individual, will be mobilized or deployed in the next 5 years?

- 1 ☐ Very unlikely
- 2 ☐ Unlikely
- 3 ☐ Neither likely nor unlikely
- 4 ☐ Likely
- 5 ☐ Very likely

M00021

21. How unlikely or likely do you think it is that your unit will be mobilized or deployed in the next 5 years?

- 6 ☐ Does not apply, I am not in a Guard/Reserve unit
- 1 ☐ Very unlikely
- 2 ☐ Unlikely
- 3 ☐ Neither likely nor unlikely
- 4 ☐ Likely
- 5 ☐ Very likely

In this survey, the definition of "military duties" includes deployments, TADs/TDYs, training, military education, time at sea, and field exercises/alerts.

M00022 M00022SK Note 9

22. In the past 12 months, have you been away from your home overnight because of your military duties? Do not include nights spent away from home before out-of-town drills.

- 1 ☐ No → IF NO, GO TO QUESTION 24
- 2 ☐ Yes

M0023a-k RM0023a-k

23. During the past 12 months, how long were you away from your home for the following military duties? Add up all nights away from home; assign each night to only one type of military duty.

- | | | | | | | | |
|---|---------------------------------|--|--|--|--|--|--|
| 7 | 10 months to 12 months | | | | | | |
| 6 | 7 months to less than 10 months | | | | | | |
| 5 | 5 months to less than 7 months | | | | | | |
| 4 | 3 months to less than 5 months | | | | | | |
| 3 | 1 month to less than 3 months | | | | | | |
| 2 | Less than 1 month | | | | | | |
| 1 | None | | | | | | |
- a. Peacekeeping or other contingency operation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- b. Foreign humanitarian assistance mission ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- c. Unit training at combat training centers ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- d. Counter drug operation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- e. Domestic disaster or civil emergency ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- f. Time at sea for scheduled deployments (other than for the above) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- g. Other time at sea (other than for the above) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- h. Joint training/field exercises/alerts (other than for the above) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- i. Drills or Annual Training/Active Duty Training (ACDUTRA) (other than for the above) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- j. Military education (other than for the above) ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
- k. Other TADs/TDYs ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

24. If you were to be mobilized or deployed for 3 months, how much of a problem would each of the following be for you or your family?

	Does not apply	Don't know				
6.....						
9.....						
5.....	A very serious problem					
4.....	A serious problem					
3.....	Somewhat of a problem					
2.....	A slight problem					
1.....	Not a problem					

A. Employer problems at the beginning of the mobilization/ deployment

☐ ☐ ☐ ☐ ☐ ☐ ☐

B. Getting the same job back after returning

☐ ☐ ☐ ☐ ☐ ☐ ☐

C. Loss of a promotion opportunity

☐ ☐ ☐ ☐ ☐ ☐ ☐

D. Loss of civilian job

☐ ☐ ☐ ☐ ☐ ☐ ☐

E. Demotion in civilian job

☐ ☐ ☐ ☐ ☐ ☐ ☐

F. Hostility from supervisor

☐ ☐ ☐ ☐ ☐ ☐ ☐

G. Hostility from coworkers

☐ ☐ ☐ ☐ ☐ ☐ ☐

H. Would get behind in advances in civilian occupation

☐ ☐ ☐ ☐ ☐ ☐ ☐

I. Loss of civilian health benefits during the mobilization

☐ ☐ ☐ ☐ ☐ ☐ ☐

J. Loss of seniority or job responsibility on civilian job

☐ ☐ ☐ ☐ ☐ ☐ ☐

K. Loss of income during mobilization

☐ ☐ ☐ ☐ ☐ ☐ ☐

L. Business or professional practice would be damaged (e.g., medical, dental, legal)

☐ ☐ ☐ ☐ ☐ ☐ ☐

M. Problems for patients, clients, customers

☐ ☐ ☐ ☐ ☐ ☐ ☐

N. Other employer problems when you returned to your job

☐ ☐ ☐ ☐ ☐ ☐ ☐

O. Studies at school or college would be disrupted

☐ ☐ ☐ ☐ ☐ ☐ ☐

P. Spouse would need a job but would have trouble finding one

☐ ☐ ☐ ☐ ☐ ☐ ☐

Q. Increased chances for a marital separation or divorce

☐ ☐ ☐ ☐ ☐ ☐ ☐

R. Burden on spouse

☐ ☐ ☐ ☐ ☐ ☐ ☐

S. Problems for children

☐ ☐ ☐ ☐ ☐ ☐ ☐

T. Problems for other dependents

☐ ☐ ☐ ☐ ☐ ☐ ☐

U. Childcare

☐ ☐ ☐ ☐ ☐ ☐ ☐

V. Other

☐ ☐ ☐ ☐ ☐ ☐ ☐

If you marked even a slight problem for "Other," please specify ↴

M00024SP, Note 10

Please print

25. Have you already experienced any of the problems listed in question 24 as a consequence of being mobilized or deployed as a member of the National Guard/Reserve?

63. ☐ Does not apply--Have never been mobilized or deployed as a member of the National Guard/Reserve → **GO TO QUESTION 28**
1. ☐ No, I have not experienced any problems as a consequence of being mobilized or deployed → **GO TO QUESTION 28**
2. ☐ Yes

26. Which of the problems listed in Question 24 have you already experienced as a consequence of being mobilized or deployed as a member of the National Guard/Reserve? **Mark all that apply.**

1 <input type="radio"/> A	6 <input type="radio"/> F	11 <input type="radio"/> K	16 <input type="radio"/> P	21 <input type="radio"/> U
2 <input type="radio"/> B	7 <input type="radio"/> G	12 <input type="radio"/> L	17 <input type="radio"/> Q	22 <input type="radio"/> V
3 <input type="radio"/> C	8 <input type="radio"/> H	13 <input type="radio"/> M	18 <input type="radio"/> R	
4 <input type="radio"/> D	9 <input type="radio"/> I	14 <input type="radio"/> N	19 <input type="radio"/> S	
5 <input type="radio"/> E	10 <input type="radio"/> J	15 <input type="radio"/> O	20 <input type="radio"/> T	

27. Of the problems you marked having experienced in Question 26, which were the most serious? **Print the letters of the most serious problems.**

Most
serious
problem

M00027A

2nd most
serious
problem

M00027B

3rd most
serious
problem

M00027C

II. MILITARY PLANS

28. People participate in the National Guard/Reserve for many reasons. How much have each of the following contributed to your decision to stay in the National Guard/Reserve?

	5..... Very great influence	4..... Great influence	3..... Some influence	2..... Little influence	1..... Not at all
a. Serving the country	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Using educational benefits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Obtaining training in a skill that would help get a civilian job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Serving with the people in the unit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Getting credit toward National Guard/Reserve retirement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Promotion opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Opportunity to use military equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Challenge of military training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Needing the money for basic family expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Wanting extra money to use now	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Saving income for the future	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Travel/"get away" opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. Just enjoying the National Guard/Reserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. Pride in my accomplishments in the National Guard/Reserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. Amount of enjoyment from military job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. Special and incentive pay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
q. Reenlistment bonus or continuation pay program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
r. Required to fulfill an obligation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

...M00029

29. Suppose that you have to decide whether to continue to participate in the National Guard/Reserve. Assuming you could stay, how likely is it you would choose to do so?

- 1 ☐ Very unlikely 4 ☐ Likely
2 ☐ Unlikely 5 ☐ Very likely
3 ☐ Neither likely nor unlikely

M00030

30. If you could stay in the National Guard/Reserve as long as you want, how likely is it that you would chose to serve in the military until eligible for retirement?

- 6 ☐ Does not apply, I am already eligible for retirement 2 ☐ Unlikely
3 ☐ Neither likely nor unlikely
1 ☐ Very unlikely 4 ☐ Likely
5 ☐ Very likely

M00031. Note 15

31. When you finally leave the National Guard/Reserve, what pay grade do you think you will have? **Mark one.**

- 01 ☐ E-1 06 ☐ E-6 11 ☐ W-1 21 ☐ O-1/O1E
02 ☐ E-2 07 ☐ E-7 12 ☐ W-2 22 ☐ O-2/O2E
03 ☐ E-3 08 ☐ E-8 13 ☐ W-3 23 ☐ O-3/O3E
04 ☐ E-4 09 ☐ E-9 14 ☐ W-4 24 ☐ O-4
05 ☐ E-5 15 ☐ W-5 25 ☐ O-5
26 ☐ O-6 or above

M00032a-d.

32. When you finally leave the National Guard/Reserve, how many years of service do you expect to have? **Print years of service. If less than 1 year, print "00".**

a		Full-time active duty National Guard/Reserve program years of service
b		IRR or Inactive Guard (ING) years of service
c		Other National Guard/Reserve years of service (in a part-time status)
d		Active component years of service

III. MILITARY TRAINING

M00033

33. Are you currently trained/qualified in your duty Military Occupational Specialty/Designator/ Rating/Air Force Specialty Code (MOS/D/R/AFSC)?

- 1 ☐ No 2 ☐ Yes

M00034

34. Are you currently working in your primary MOS/D/R/AFSC?

- 1 ☐ No 2 ☐ Yes

M00035

35. Considering all your National Guard/Reserve time on duty in 1999, what percentage of it was spent performing skills related to your primary MOS/D/R/AFSC?

- 1 ☐ None 3 ☐ 25-49% 5 ☐ 75-99%
2 ☐ 1-24% 4 ☐ 50-74% 6 ☐ All

M00036, M00036SK. Note 16

36. Is your current primary MOS/D/R/AFSC the same one you had while on active duty?

- 6 ☐ Does not apply, I don't have prior active duty service → **GO TO QUESTION 38**
2 ☐ Yes → **GO TO QUESTION 38**
1 ☐ No

M00037a-b

37. When you joined the National Guard/Reserve, did you have to change your primary MOS/D/R/AFSC and did you want to? **Mark "No" or "Yes" for each item.**

- | | | |
|--|-----------------------|-----------------------|
| | 1 | 2 |
| | No | Yes |
| a. I <u>had</u> to change my MOS/D/R/AFSC | <input type="radio"/> | <input type="radio"/> |
| b. I <u>wanted</u> to change my MOS/D/R/AFSC | <input type="radio"/> | <input type="radio"/> |

M00038

38. In 1999, how many calendar days did you spend in a compensated (pay or points) National Guard/Reserve status?

- 66 ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
1 ☐ None
2 ☐ 1-24 days
3 ☐ 25-47 days
4 ☐ 48 days or more

M00039. Note 17

39. In an average month in 1999, how many unpaid hours, off duty, did you spend on your National Guard/Reserve unit's business?

- 6 ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
0 ☐ None

		Hours
--	--	-------

M00040. Note 17

40. In an average month in 1999, how many unpaid hours, off duty, did you spend on your professional development in the National Guard/Reserve?

- 6 ☐ Does not apply, I am in a full-time active duty National Guard/Reserve program
0 ☐ None

		Hours
--	--	-------

M00041. Note 18

41. How many nights did you spend away from your home on official military duties in 1999? **Do not include nights spent away from home before out-of-town drills.**

- 0 ☐ None
- | | | | |
|--|--|--|--------|
| | | | Nights |
|--|--|--|--------|

M00042

42. How did you attend the 1999 Annual Training/Active Duty Training (ACDUTRA)?

- 1 ☐ A few days at a time, several times over the year
 2 ☐ A week or more at a time, more than once
 3 ☐ All at once
 -6 ☐ Does not apply, did not attend 1999 Annual Training/Active Duty Training (ACDUTRA)

IV. YOUR MILITARY UNIT

M00043, M00043S1, M00043S2, Note 19, XPROG

43. Please indicate the category of the Selected Reserve to which you belong. Mark one.

- 1 ☐ Drilling unit Reservist/Traditional Guardsman
 2 ☐ In a full-time active duty National Guard/Reserve program → **GO TO QUESTION 50**
 3 ☐ Individual Mobilization Augmentee (IMA) → **GO TO QUESTION 51**

M00044a-1

44. How satisfied are you with . . . ?

-6	Does not apply				
5	Very satisfied	|			
4	Satisfied	|			
3	Neither satisfied nor dissatisfied	|			
2	Dissatisfied	|			
1	Very dissatisfied	|			

- | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Training received during your unit drills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Your unit's activities at 1999 Annual Training/ACDUTRA | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Opportunities to use your primary MOS/D/R/AFSC skills during unit drills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Opportunities for promotion in your unit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Opportunities for leadership in your unit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Type of weapons or equipment your unit uses during drills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Mechanical condition of the weapons and equipment your unit uses during training | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Supervision and direction given during unit drills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Facilities in which you train | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Your job | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Job security | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Workload | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Assignment stability | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Unit social activities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Work group/co-workers | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Acquaintances/friendships | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| q. Time required at National Guard/Reserve activities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| r. Your possibility of being mobilized or deployed in the future | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| s. Number of recent mobilizations or deployments you have experienced | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| t. <u>Not being included</u> in recent mobilizations or deployments | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00045, XPROG, RM0045

45. Are you a military technician? (A military technician provides full-time support as a civilian government employee for administration, training, and maintenance of the unit.)

- 1 ☐ No 2 ☐ Yes

M00046a-z

46. How much of a problem is each of the following for your unit/organization in achieving training objectives?

- | | | | | |
|---|-----------------------|------------------------|-----------------------|-----------------------|
| | 99 | Don't know | \| |  |
| | 5 | A very serious problem | \| |  |
| | 4 | A serious problem | \| |  |
| | 3 | Somewhat of a problem | \| |  |
| | 2 | A slight problem | \| |  |
| | 1 | Not a problem | \| |  |
| a. Out-of-date equipment/weapons | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Poor mechanical condition of equipment/weapons | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Being below strength in grades E-1 to E-4 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Being below strength in grades E-5 to E-9 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Being below strength in grades WO-1 to WO-5 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Being below strength in grades O-1 to O-6 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Not enough staff resources or time to plan effective training | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Poor administrative support | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Low attendance at unit drills | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Low attendance of unit personnel at Annual Training/ACDUTRA | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Ineffective training during Annual Training/ACDUTRA | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Shortage of MOS/D/R/AFSC qualified personnel | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Quality of personnel in lower-grade drill positions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Quality of leaders | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Inadequate time to plan training objectives | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Lack of access to good training facilities and grounds | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| q. Lack of good instruction manuals and materials | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| r. Lack of supplies, such as ammunition, gasoline, etc. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| s. Lack of spare/replacement parts | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| t. Excessive turnover of personnel | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| u. Inadequate access to command's operating schedule to plan unit annual training | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| v. Uncertainty about future status of unit/organization | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| w. Unit reorganizing or restructuring | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| x. Inadequate resources to support mission | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| y. Inadequate access to computers | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| z. Inadequate access to long-term training schedules | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00047

47. About how far do you live from the place where your unit meets/drills?

- | | | | |
|---|--|---|---|
| 1 | <input type="radio"/> Less than 50 miles | 6 | <input type="radio"/> 250-299 miles |
| 2 | <input type="radio"/> 50-99 miles | 7 | <input type="radio"/> 300-349 miles |
| 3 | <input type="radio"/> 100-149 miles | 8 | <input type="radio"/> 350-399 miles |
| 4 | <input type="radio"/> 150-199 miles | 9 | <input type="radio"/> 400 miles or more |
| 5 | <input type="radio"/> 200-249 miles | | |

M00048a-h RM0048f RM0048h

48. How do you usually get to the place of regular military duty or drills? Mark "No" or "Yes" for each item.

- | | | |
|---|---|--|
| | 1.....2 | |
| | No Yes | |
| a. Drive myself | <input type="radio"/> <input type="radio"/> | |
| b. Driven by spouse | <input type="radio"/> <input type="radio"/> | |
| c. Driven by another family member | <input type="radio"/> <input type="radio"/> | |
| d. Car pool | <input type="radio"/> <input type="radio"/> | |
| e. Civilian air transportation | <input type="radio"/> <input type="radio"/> | |
| f. Military air transportation | <input type="radio"/> <input type="radio"/> | |
| g. Public transportation (e.g. bus, taxi) | <input type="radio"/> <input type="radio"/> | |
| h. Walk/bicycle <input type="radio"/> | <input type="radio"/> | |

M00049

49. How long does it usually take you to get from home to the place where your unit meets/drills?

- | | |
|---|---|
| 1 | <input type="radio"/> Less than ½ hour |
| 2 | <input type="radio"/> ½ hour to less than 1 hour |
| 3 | <input type="radio"/> 1 hour to less than 1½ hours |
| 4 | <input type="radio"/> 1½ hours to less than 2 hours |
| 5 | <input type="radio"/> 2 hours to less than 4 hours |
| 6 | <input type="radio"/> 4 hours or more |

M00050

50. In general, how would you describe the morale of military personnel in your unit?

- | | | | |
|---|--|---|---------------------------------|
| 1 | <input type="radio"/> Very low | 4 | <input type="radio"/> High |
| 2 | <input type="radio"/> Low | 5 | <input type="radio"/> Very high |
| 3 | <input type="radio"/> Neither high nor low | | |

M00051

51. In general, how would you describe your morale?

- | | | | |
|---|--|---|---------------------------------|
| 1 | <input type="radio"/> Very low | 4 | <input type="radio"/> High |
| 2 | <input type="radio"/> Low | 5 | <input type="radio"/> Very high |
| 3 | <input type="radio"/> Neither high nor low | | |

V. BENEFITS AND PROGRAMS

M00052Aa-Bv

52. For each family program or service listed, mark its availability to you and your level of satisfaction with the quality of the service/program. For each item, mark one response in column A and one response in column B.

A. Availability

B. Satisfaction

	99.....	Don't know		5.....	Very satisfied
	60.....	Not available		4.....	Satisfied
	3.....	Off installation only		3.....	Neither satisfied nor dissatisfied
	2.....	On installation only		2.....	Dissatisfied
	1.....	Both on- and off-installation		1.....	Very dissatisfied
				-6.....	No basis to judge
a. Individual counseling/therapy	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
b. Pre-marital programs	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
c. Marriage and family counseling/therapy/enrichment	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
d. Family support centers	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
e. Programs for families with disabled members	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
f. Services for families during separation	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
g. New parent classes	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
h. Single parent programs	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
i. Childcare services	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
j. Youth/teen programs	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
k. Eldercare	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
l. Alcohol/drug abuse programs	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
m. Spouse employment services	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
n. Spouse/child abuse services	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
o. Rape counseling services	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
p. Crisis referral services	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
q. Chaplain services/religious activities	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
r. Legal assistance	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
s. Financial counseling/management	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
Education	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
t. Recreational programs	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
u. Educational Services Center	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	
v. Services for single members	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	

53. During the past 12 months, how often did you use the following military on-installation programs, facilities, or services and civilian off-installation programs, facilities, or services? For each item, mark one response in column A and one response in column B.

A. Military On-Installation

Program, Facility, or Service

For Availability (A) variables, *Not available* codes are 1 or 2. For Use (U) variables, *Not available* is -6.

5.....12+ times
 4.....6-11 times
 3.....3-5 times
 2.....1-2 times
 1.....0 times
 (1 or 2) or -6 Not available

B. Civilian Off-Installation

Program, Facility, or Service

5.....12+ times
 4.....6-11 times
 3.....3-5 times
 2.....1-2 times
 1.....0 times
 (1 or 2) or -6 Not available

- | | | |
|--|---|---|
| a. Auto, crafts, hobby shops | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| b. Bank or credit union | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| c. Bowling center or movie theater | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| d. Commissary, supermarket, grocery store | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| e. Clubs/dance/night clubs | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| f. Fitness center/gym | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| g. Golf course | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| h. Library services | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| i. Main exchange/department store | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| j. Outdoor recreation areas (campgrounds, picnic areas, beach, stables, etc.) | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| k. Outdoor recreation equipment rental | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| l. Post office | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| m. Recreation center (recreation room, music/TV, game room/amusement machines, etc.) | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| n. Recreation lodging/hotels/resorts | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| o. Shoppette/mini-mart | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| p. Class VI/package store/liquor store | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |
| q. Social activities for single service members (trips, special events, tournaments, etc.) | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> | <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> |

M00054a-d

54. During the past 12 months, have you used any of the following programs and services? Mark "No" or "Yes" for each item.

1.....2

No Yes

- | | | |
|---|-----------------------|-----------------------|
| a. Adult continuing education/counseling | <input type="radio"/> | <input type="radio"/> |
| b. Tuition assistance programs for college/higher education | <input type="radio"/> | <input type="radio"/> |
| c. Technical/vocational programs | <input type="radio"/> | <input type="radio"/> |
| d. Basic skills education | <input type="radio"/> | <input type="radio"/> |

M00055Ca-Ce, M00055Ea-Ed

55. How much do the following limit your use of the commissary or exchange? Mark one answer for each row.

5.....Completely

4.....Very much |

3.....Somewhat | |

2.....Very little | | |

1..Not at all | | | |

Commissary

- | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Prices | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Stock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Hours | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Distance | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. The law does not allow more frequent use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Exchange

- | | | | | | |
|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Prices | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Stock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Hours | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Distance | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00056

56. Overall, to what extent do you think you or your family save by using the commissary instead of civilian grocery stores?

- | | |
|--|--|
| 6. <input type="radio"/> Does not apply, do not use commissary | 3. <input type="radio"/> Moderate extent |
| 1. <input type="radio"/> Not at all | 4. <input type="radio"/> Large extent |
| 2. <input type="radio"/> Small extent | 5. <input type="radio"/> Very large extent |

M00057

57. Do you currently use the EXCHANGE closest to you?

- | |
|---|
| 1. <input type="radio"/> No, I don't use an exchange |
| 2. <input type="radio"/> No, I use an exchange, but it's <u>not</u> the closest |
| 3. <input type="radio"/> Yes, I use the exchange closest to me |

M00058

58. How long does/would it normally take to get to the exchange closest to you?

- | | |
|---|---|
| 1. <input type="radio"/> 10 minutes or less | 4. <input type="radio"/> 31-60 minutes |
| 2. <input type="radio"/> 11-20 minutes | 5. <input type="radio"/> More than 1 hour |
| 3. <input type="radio"/> 21-30 minutes | 99. <input type="radio"/> Don't know |

M00059

59. Please rate the selection of merchandise at the exchange closest to you.

- | | |
|------------------------------------|--------------------------------------|
| 1. <input type="radio"/> Very Poor | 4. <input type="radio"/> Good |
| 2. <input type="radio"/> Poor | 5. <input type="radio"/> Excellent |
| 3. <input type="radio"/> Average | 99. <input type="radio"/> Don't know |

M00071.

71. How satisfied are you with the coverage provided by your medical insurance?

1. ☐ Very dissatisfied
2. ☐ Dissatisfied
3. ☐ Neither satisfied nor dissatisfied
4. ☐ Satisfied
5. ☐ Very satisfied

M00072.

72. If you could buy medical insurance through National Guard/Reserve participation, what is the maximum premium cost you would be willing to pay per month?

- 6 ☐ Not applicable, I have medical insurance through National Guard/Reserve participation already
1. ☐ Less than \$100 per month
2. ☐ \$100-149 per month
3. ☐ \$150-199 per month
4. ☐ \$200-249 per month
5. ☐ \$250-299 per month
6. ☐ \$300 or more per month

M00073.

73. How much did you spend on health care services and products (for you and your family) last year? *Include TRICARE/CHAMPUS deductions, enrollment fees, civilian insurance premiums, drugs, co-pays, deductibles, etc. Do not include dental care.*

- 92 ☐ Don't know
1. ☐ \$0-\$100 4 ☐ \$1,001-\$1,500
2. ☐ \$101-\$500 5 ☐ \$1,501-\$2,500
3. ☐ \$501-\$1,000 6 ☐ More than \$2,500

M00074.

74. Is basic dental insurance available to you as a member of the Selected Reserve?

1. ☐ No
2. ☐ Yes

M00075..M00075SK...Note 23

75. Do you have any dental coverage(s)?

1. ☐ No → IF NO, GO TO QUESTION 78
2. ☐ Yes

M00076a-f

76. Which of the following dental coverage(s) do you have? Mark "No" or "Yes" for each item.

- | | 1.....2 | No | Yes |
|--|-----------------------|-----------------------|-----|
| a. Your civilian employer's dental plan | <input type="radio"/> | <input type="radio"/> | |
| b. Your spouse/family member's civilian employer's dental plan | <input type="radio"/> | <input type="radio"/> | |
| c. Your active duty military coverage | <input type="radio"/> | <input type="radio"/> | |
| d. Your spouse/family member's active duty military coverage (military dental clinic, TRICARE Family Member Dental Plan) | <input type="radio"/> | <input type="radio"/> | |
| e. Veteran (VA) coverage | <input type="radio"/> | <input type="radio"/> | |
| f. Other private coverage | <input type="radio"/> | <input type="radio"/> | |

M00077.

77. How satisfied are you with the coverage provided by the civilian dental insurance that you have?

- 6 ☐ Does not apply, do not have civilian dental insurance
1. ☐ Very dissatisfied
2. ☐ Dissatisfied
3. ☐ Neither satisfied nor dissatisfied
4. ☐ Satisfied
5. ☐ Very satisfied

M00078..M00078SK...Note 24

78. Are you actively considering changing, expanding or getting dental insurance within the next year?

1. ☐ No → IF NO, GO TO QUESTION 81
2. ☐ Yes

M00079.

79. What is the maximum premium cost you would be willing to pay to enroll yourself in a comprehensive dental plan?

1. ☐ Less than \$10 per month
2. ☐ \$10-19 per month
3. ☐ \$20-29 per month
4. ☐ \$30-39 per month
5. ☐ \$40-49 per month
6. ☐ \$50 or more per month

M00080.

80. What is the maximum premium cost you would be willing to pay to enroll yourself and your family members in a comprehensive dental plan?

- 6 ☐ Not applicable
1. ☐ Less than \$10 per month
2. ☐ \$10-19 per month
3. ☐ \$20-29 per month
4. ☐ \$30-39 per month
5. ☐ \$40-49 per month
6. ☐ \$50-59 per month
7. ☐ \$60-69 per month
8. ☐ \$70 or more per month

VI. INDIVIDUAL AND FAMILY CHARACTERISTICS

SRSEX - 081...XMIMPX

81. Are you . . . ?

1. ☐ Male
2. ☐ Female

SRHISPA1/SRHISPA2 - 082...Note 25..XRETH1..R1XRETH1

82. Are you Spanish/Hispanic/Latino? Mark "No" if not Spanish/Hispanic/Latino.

1. ☐ No, not Spanish/Hispanic/Latino
2. ☐ Yes, Mexican, Mexican American, Chicano
3. ☐ Yes, Puerto Rican
4. ☐ Yes, Cuban
5. ☐ Yes, other Spanish/Hispanic/Latino

83. What is your race? Mark one or more races to indicate what you consider yourself to be.

- A ☐ White
- B ☐ Black or African American
- C ☐ American Indian or Alaska Native
- D ☐ Asian (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese)
- E ☐ Native Hawaiian or other Pacific Islander (e.g., Samoan, Guamanian or Chamorro)
- F ☐ Some other race → Please specify 7

SRRACESP Note 27

M00084...RM0084

84. Are you a citizen of the United States? Mark one.

- 1 ☐ Yes, born in the United States
- 2 ☐ Yes, born in Puerto Rico, Guam, The U.S. Virgin Islands, or the Northern Marianas
- 3 ☐ Yes, born abroad of American parent or parents
- 4 ☐ Yes, a U.S. citizen by naturalization
- 5 ☐ No, not a citizen of the United States

M00085

85. Were either of your parents (or guardians) in the military when you were born?

- 1 ☐ No
- 2 ☐ Yes, at least one was on active duty
- 3 ☐ Yes, at least one was a Reservist
- 99 ☐ Don't know

M00086a-b

86. Did you vote in the last local election? In the last presidential election?

A. Last local election

- 1 ☐ Yes, in person at the polls
- 2 ☐ Yes, by absentee ballot
- 3 ☐ No

B. Last presidential election

- 1 ☐ Yes, in person at the polls
- 2 ☐ Yes, by absentee ballot
- 3 ☐ No

M00087...RM0087

87. Which of the following best describes the type of place where you are living now?

- 1 ☐ In military housing on a base/installation
- 2 ☐ In a large city (over 250,000)
- 3 ☐ In a suburb near a large city
- 4 ☐ In a medium-sized city (50,000-250,000)
- 5 ☐ In a suburb near a medium-sized city
- 6 ☐ In a small city or town (under 50,000)
- 7 ☐ On a farm or ranch
- 8 ☐ In a rural area but not on a farm or ranch

M00088

88. How long have you lived in your present neighborhood?

- 1 ☐ Less than a year
- 2 ☐ 1 year to less than 3 years
- 3 ☐ 3 years to less than 5 years
- 4 ☐ 5 years or more

SRED... (089)...

89. What is the highest degree or level of school that you have completed? Mark the one answer that describes the highest grade or degree you have completed.

- 1 ☐ 11th grade or less
- 2 ☐ 12 years of school, no diploma
- 3 ☐ High school diploma or the equivalent (e.g., GED), not from home schooling
- 4 ☐ High school diploma or the equivalent (e.g., GED), from home schooling
- 5 ☐ Some college credit, but less than 1 year
- 6 ☐ 1 or more years of college, but no degree
- 7 ☐ Associate's degree (e.g., AA, AS)
- 8 ☐ Bachelor's degree (e.g., BA, AB, BS)
- 9 ☐ Master's degree (e.g., MA, MS)
- 10 ☐ Doctoral or professional degree (e.g., PhD, MD, JD)

M00090... Note 28...

90. What is the highest school grade or academic degree that you think you will complete in the future? Mark the one answer that describes the highest grade or degree you think you will complete.

- 6 ☐ Does not apply, I don't plan to attend school in the future
- 1 ☐ 11th grade or less
- 2 ☐ 12 years of school, no diploma
- 3 ☐ High school diploma or the equivalent (e.g., GED), not from home schooling
- 4 ☐ High school diploma or the equivalent (e.g., GED), from home schooling
- 5 ☐ Some college credit, but less than 1 year
- 6 ☐ 1 or more years of college, but no degree
- 7 ☐ Associate's degree (e.g., AA, AS)
- 8 ☐ Bachelor's degree (e.g., BA, AB, BS)
- 9 ☐ Master's degree (e.g., MA, MS)
- 10 ☐ Doctoral or professional degree (e.g., PhD, MD, JD)

M00091...RM0091

91. What kind of civilian school are you currently enrolled in?

- 1 ☐ Not currently enrolled in civilian school
- 2 ☐ High school (home schooling)
- 3 ☐ High school (public or private)
- 4 ☐ GED completion
- 5 ☐ Vocational/trade/business or other career training school
- 6 ☐ Junior or community college (2-year)
- 7 ☐ Four-year college or university
- 8 ☐ Graduate/professional school
- 9 ☐ Other

92. Overall, how much did your family members or others in your life encourage you about entering the National Guard/Reserve? Mark one for each item.

5.....	Strongly encouraged				
4.....	Encouraged				
3.....	Neither encouraged or discouraged				
2.....	Discouraged				
1.....	Strongly discouraged				

- a. Father/stepfather/other male guardian ☐ ☐ ☐ ☐ ☐
- b. Mother/stepmother/other female guardian ☐ ☐ ☐ ☐ ☐
- c. Brothers/stepbrothers ☐ ☐ ☐ ☐ ☐
- d. Sisters/stepsisters ☐ ☐ ☐ ☐ ☐
- e. Personal friends ☐ ☐ ☐ ☐ ☐
- f. Teacher(s) ☐ ☐ ☐ ☐ ☐

93. Have your family members or others in your life served in or retired from the military? (Include National Guard/Reserve.) Please indicate their current military status. Mark all that apply.

5.....	Retired from the military				
4.....	Served 8 or more years and separated				
3.....	Served less than 8 years and separated				
2.....	Currently serving in military				
1.....	Never served in the military				

- a. Father/stepfather/other male guardian ☐ ☐ ☐ ☐ ☐
- b. Mother/stepmother/other female guardian ☐ ☐ ☐ ☐ ☐
- c. Brothers/stepbrothers ☐ ☐ ☐ ☐ ☐
- d. Sisters/stepsisters ☐ ☐ ☐ ☐ ☐
- e. Personal friends ☐ ☐ ☐ ☐ ☐
- f. Teacher(s) ☐ ☐ ☐ ☐ ☐

94. Do you have any children aged 10 and older with whom you talk about post-high school options such as jobs and education?

1. ☐ No → IF NO, GO TO QUESTION 97
2. ☐ Yes

95. When you talk with your children about their future do you encourage them to consider the military?

1. ☐ No
2. ☐ Yes

96. When you talk with your children about their future choices, how positive or negative are you about the following?

5.....	Very positive				
4.....	Positive				
3.....	Neither positive nor negative				
2.....	Negative				
1.....	Very negative				

- a. The military, in general ☐ ☐ ☐ ☐ ☐
- b. Career opportunities in the military ☐ ☐ ☐ ☐ ☐
- c. Serving in the military, but not as a career ☐ ☐ ☐ ☐ ☐
- d. Part-time (National Guard/Reserve) opportunities in the military ☐ ☐ ☐ ☐ ☐
- e. Career opportunities as a civilian Federal government employee ☐ ☐ ☐ ☐ ☐
- f. Career opportunities in the private/civilian sector ☐ ☐ ☐ ☐ ☐
- g. Seeking a college education ☐ ☐ ☐ ☐ ☐

97. In your opinion, how do the following groups or individuals view your participation in the National Guard/Reserve?

6.....	Does not apply				
5.....	Very favorably				
4.....	Somewhat favorably				
3.....	Neither favorably nor unfavorably				
2.....	Somewhat unfavorably				
1.....	Very unfavorably				

- a. Your spouse ☐ ☐ ☐ ☐ ☐ ☐
- b. Your children ☐ ☐ ☐ ☐ ☐ ☐
- c. Your spouse's relatives ☐ ☐ ☐ ☐ ☐ ☐
- d. Your relatives ☐ ☐ ☐ ☐ ☐ ☐
- e. Your neighbors ☐ ☐ ☐ ☐ ☐ ☐
- f. Your civilian supervisor ☐ ☐ ☐ ☐ ☐ ☐
- g. Your civilian co-workers ☐ ☐ ☐ ☐ ☐ ☐
- h. Your National Guard/Reserve unit members ☐ ☐ ☐ ☐ ☐ ☐

98. Have you ever used a personal computer (PC)?

1. ☐ No → IF NO, GO TO QUESTION 102 2. ☐ Yes

99. Where during the last 12 months have you regularly used a PC? Mark "No" or "Yes" for each item.

- | | | |
|--|-----------------------|-----------------------|
| | 1.....2 | |
| | No | Yes |
| a. Home/residence | <input type="radio"/> | <input type="radio"/> |
| b. Civilian work/office | <input type="radio"/> | <input type="radio"/> |
| c. Guard/Reserve duty station or Armory | <input type="radio"/> | <input type="radio"/> |
| d. Installation/ship library | <input type="radio"/> | <input type="radio"/> |
| e. Installation/ship recreation center | <input type="radio"/> | <input type="radio"/> |
| f. Installation/ship education center | <input type="radio"/> | <input type="radio"/> |
| g. Installation/ship family center | <input type="radio"/> | <input type="radio"/> |
| h. Other military location | <input type="radio"/> | <input type="radio"/> |
| i. Other non-military location (for example, public library) | <input type="radio"/> | <input type="radio"/> |

100. Do you have access to the Internet/World Wide Web?

1. ☐ No → **IF NO, GO TO QUESTION 102**
2. ☐ Yes

M00101

101. From which location do you most frequently access the Internet/World Wide Web? Mark one.

1. ☐ Home/residence
2. ☐ Civilian work/office
3. ☐ Guard/Reserve duty station or Armory
4. ☐ Installation/ship library
5. ☐ Installation/ship recreation center
6. ☐ Installation/ship education center
7. ☐ Installation/ship family center
8. ☐ Other military location
9. ☐ Other non-military location (for example, public library)

SRMARST, SRMARSSK -- 102 -- Note 34, XMIMPM

102. What is your current marital status? Mark one.

1. ☐ Married
2. ☐ Separated
3. ☐ Divorced → **GO TO QUESTION 113**
4. ☐ Widowed → **GO TO QUESTION 113**
5. ☐ Never married → **GO TO QUESTION 113**

M00103 -- Note 35

103. How many years have you been married to your current spouse?

0. ☐ Less than one year

--	--

Full years married

M00104a-o

104. Is your spouse . . . ? Mark "No" or "Yes" for each item.

	1.....2	No	Yes
a. Working full-time in a Federal civilian job	<input type="radio"/>	<input type="radio"/>	
b. Working part-time in a Federal civilian job	<input type="radio"/>	<input type="radio"/>	
c. Working full-time in a civilian job (<u>not</u> Federal)	<input type="radio"/>	<input type="radio"/>	
d. Working part-time in a civilian job (<u>not</u> Federal)	<input type="radio"/>	<input type="radio"/>	
e. Managing or working in family business	<input type="radio"/>	<input type="radio"/>	
f. Self-employed in own business or profession	<input type="radio"/>	<input type="radio"/>	
g. An unpaid worker (volunteer)	<input type="radio"/>	<input type="radio"/>	
h. Unemployed and looking for job	<input type="radio"/>	<input type="radio"/>	
i. Unemployed, not looking for job, but would like employment	<input type="radio"/>	<input type="radio"/>	
j. Unemployed, not looking for job, and does <u>not want</u> employment	<input type="radio"/>	<input type="radio"/>	
k. In school	<input type="radio"/>	<input type="radio"/>	
l. Retired	<input type="radio"/>	<input type="radio"/>	
m. A homemaker, housewife, househusband	<input type="radio"/>	<input type="radio"/>	
n. Working multiple jobs	<input type="radio"/>	<input type="radio"/>	
o. Working temporary job(s)	<input type="radio"/>	<input type="radio"/>	

M00105

105. Does your spouse speak English as his or her main language at home?

1. ☐ No
2. ☐ Yes

M00106

106. To what extent do you and your spouse agree on your civilian career plans?

1. ☐ Does not apply, I do not have a civilian job
2. ☐ Strongly disagree
3. ☐ Disagree
4. ☐ Neither agree nor disagree
5. ☐ Agree
6. ☐ Strongly agree

M00107

107. To what degree do you and your spouse agree on your military career plans?

1. ☐ Strongly disagree
2. ☐ Disagree
3. ☐ Neither agree nor disagree
4. ☐ Agree
5. ☐ Strongly agree

M00108

108. How has your spouse's support for your decision about staying in the military changed in the past year?

1. ☐ Greatly decreased
2. ☐ Somewhat decreased
3. ☐ Has not changed
4. ☐ Somewhat increased
5. ☐ Greatly increased

M00109, M00109S1, M00109S2 -- Note 36

109. Has your current spouse ever served (past or present) in the U.S. Armed Forces, either on active duty or in the National Guard/Reserve?

1. ☐ No → **IF NO, GO TO QUESTION 113**
2. ☐ Yes, currently serving on active duty (not a member of the National Guard/Reserve)
3. ☐ Yes, currently a member of the National Guard/Reserve in a full-time active duty status
4. ☐ Yes, currently a member of a drilling unit in the National Guard/Reserve
5. ☐ Yes, currently an IMA, IRR, or ING → **IF IMA/IRR/ING, GO TO QUESTION 111**
6. ☐ Yes, spouse is separated or retired from service → **IF SEPARATED/RETIRED, GO TO QUESTION 111**

M00110 -- RM00110

110. Are you presently assigned to the same installation or geographic location as your spouse?

1. ☐ Yes
2. ☐ No, but I expect my spouse will be assigned to this location soon
3. ☐ No, but I expect to be assigned to my spouse's location soon
4. ☐ No, we were unable to get assigned to the same location
5. ☐ No, for other reasons

M00111, M00111SK -- Note 37

111. Has your spouse ever been mobilized or deployed as a member of the National Guard/Reserve?

1. ☐ No → **IF NO, GO TO QUESTION 113**
2. ☐ Yes

112. Was your spouse mobilized/deployed as a Reservist for the operations listed below? Mark "No" or "Yes" for each item. If you mark "Yes" in column A, please indicate whether it was voluntary or involuntary, the deployment's location, and its length. If you mark "No" in column A, go to the next item in column A.

A. Was your spouse mobilized or deployed as a <u>member of the National Guard/Reserve</u> for the operations (a-k) listed below?		B. Was his/her mobilization voluntary or involuntary?		C. Where did he/she deploy? (Mark one)				D. How long was he/she mobilized or deployed? Write in number of months. If under 1 month, enter "00". If mobilized/deployed now, write number of months so far.
		1. Voluntary	2. Involuntary	1. Does not apply, did not deploy	2. In own state or equivalent (e.g., DC, GU, PR, VI)	3. To another state or equivalent (e.g., DC, GU, PR, VI)	4. Outside US	
a. Operation Desert Shield/Storm	1. No 2. Yes → ○ ○ →	○	○	○	○	○	○	
b. Saudi Arabia (Aug 92-present)	○ ○ →	○	○	○	○	○	○	
c. Centam, Hurricane Mitch Recovery/Rehab	○ ○ →	○	○	○	○	○	○	
d. Operation Restore/Uphold Democracy (Haiti)	○ ○ →	○	○	○	○	○	○	
e. Operation Desert Fox/Iraqi Crisis (SW Asia)	○ ○ →	○	○	○	○	○	○	
f. Operation Joint Forge/Guard/Endeavor (Bosnia)	○ ○ →	○	○	○	○	○	○	
g. Operation Restore/Continue Hope (Somalia)	○ ○ →	○	○	○	○	○	○	
h. Operation Joint Task Force (Cuba)	○ ○ →	○	○	○	○	○	○	
i. Operation Allied Force (Kosovo)	○ ○ →	○	○	○	○	○	○	
j. Other mobilization or deployment (1) Describe: M00112SP1	○ ○ →	○	○	○	○	○	○	
k. Other mobilization or deployment (2) Describe: M00112SP2	○ ○ →	○	○	○	○	○	○	

M00113a-d

113. How much of a problem is there for your family when you spend . . . ?

6. Does not apply
5. Very serious problem
4. Serious problem
3. Somewhat of a problem
2. Slight problem
1. Not a problem

- a. Time away for weekend drills ○ ○ ○ ○ ○ ○
b. Time away for Annual Training/ACDUTRA ○ ○ ○ ○ ○ ○
c. Extra time at National Guard/Reserve business or activities ○ ○ ○ ○ ○ ○
d. Time away for mobilization or deployment ○ ○ ○ ○ ○ ○

For questions 114-119 "dependents" includes children and anyone else in your family, except your spouse, who has or is eligible to have a Uniformed Services identification card (military ID card) or is eligible for military health care benefits and is enrolled in the Defense Enrollment Eligibility Reporting System (DEERS).

M00114, M00114SK, Note 39

114. Based on the definition following Question 113, do you have any legal dependents (not including your spouse)?

1. ○ No → IF NO, GO TO QUESTION 120
2. ○ Yes

M00115a-b

115. Are arrangements for your dependents who live with you realistically workable for each of the following situations?

6. Does not apply
4. Definitely
3. Probably
2. Probably not
1. Definitely not

- a. Short-term (less than 30 days) emergency situation such as a mobilization exercise ○ ○ ○ ○ ○
b. Long-term situation such as being mobilized or deployed for 30 days or more ○ ○ ○ ○ ○

M00116, RM00116

116. Do you have a spouse, child, or other legal dependent enrolled in the Exceptional Family Member Program (EFMP) or the Coast Guard Special Needs Program?

1. ○ No
2. ○ Yes

M00117...RM00117

117. Do any of your dependents (not including your spouse) have a physical, mental, or emotional condition requiring specialized treatment or care?

- 1 ☐ No
 2 ☐ Yes, dependent requires temporary treatment or care
 3 ☐ Yes, dependent requires permanent treatment or care

M00118a-g...Note 40. DEPNUM1. RDEPNUM1. RM00118a-g

118. How many children or other dependents do you have in each age group? Print the number of dependents you have in each age group.

Less than 1 year old	1 year-under 2 years old	2 - 5 years old	6 - 13 years old	14 - 22 years old	23 - 64 years old	65 years old or older

M00119a-g...Note 40. DEPNUM2. RDEPNUM2. RM00119a-g

119. How many of your children or other dependents in each age group live with you?

Less than 1 year old	1 year-under 2 years old	2 - 5 years old	6 - 13 years old	14 - 22 years old	23 - 64 years old	65 years old or older

M00120. M00120SK...Note 41

120. Do you have caregiver responsibilities for an elderly family member (such as shopping, home maintenance, transportation, checking on them by phone, finances, and arrangements for care)? Include family who live with you or live somewhere else.

- 1 ☐ No → IF NO, GO TO QUESTION 122
 2 ☐ Yes → How many? M00120N

M00121

121. During the past 12 months, did you lose any time from your military duties due to eldercare responsibilities?

- 1 ☐ No
 2 ☐ Yes

VII. CIVILIAN WORK

M00122. M00122SK...Note 42

122. Are you currently a member of a full-time active duty Reserve program (i.e., Active Guard and Reserve (AGR), Training and Administration of the Reserve (TAR), or Active Reserve (AR))?

- 1 ☐ No → IF NO, GO TO QUESTION 125
 2 ☐ Yes

M00123. M00123SK...Note 43

123. In 1999, did you have a civilian job?

- 1 ☐ No → IF NO, GO TO QUESTION 148
 2 ☐ Yes

M00124...Note 44

124. How interested are you in working in a National Guard/Reserve job that is similar to your civilian job?

- 1 ☐ Very uninterested
 2 ☐ Uninterested
 3 ☐ Neither interested or uninterested
 4 ☐ Interested
 5 ☐ Very interested

M00125a-e...RM00125

125. In your civilian job, do you work as any of the following? Mark "No" or "Yes" for each item.

	1.....2 No Yes
a. Physician, registered nurse, dentist, optometrist	<input type="radio"/> <input type="radio"/>
b. Pilot/navigator	<input type="radio"/> <input type="radio"/>
c. Information technology professional (computer programmer, systems manager, etc.)	<input type="radio"/> <input type="radio"/>
d. Clergy	<input type="radio"/> <input type="radio"/>
e. Lawyer	<input type="radio"/> <input type="radio"/>

M00126a-p...RM00126a-p

126. Are you currently . . . ? Mark "No" or "Yes" for each item.

	1.....2 No Yes
a. A member of a full-time active duty program, working an additional civilian job	<input type="radio"/> <input type="radio"/>
b. Working full-time as an Army or Air Force National Guard/Reserve military technician	<input type="radio"/> <input type="radio"/>
c. Working full-time in a civilian job (not military technician)	<input type="radio"/> <input type="radio"/>
d. Working part-time in a civilian job	<input type="radio"/> <input type="radio"/>
e. Employed in a civilian job but not at work due to <u>temporary</u> illness, vacation, strike, layoff, etc.	<input type="radio"/> <input type="radio"/>
f. Managing or working in family business	<input type="radio"/> <input type="radio"/>
g. Self-employed in own business or profession	<input type="radio"/> <input type="radio"/>
h. Unpaid worker (volunteer)	<input type="radio"/> <input type="radio"/>
i. Unemployed and looking for job	<input type="radio"/> <input type="radio"/>
j. Unemployed, not looking for job, but would like employment	<input type="radio"/> <input type="radio"/>
k. Unemployed, not looking for job, and do <u>not want</u> employment	<input type="radio"/> <input type="radio"/>
l. In school	<input type="radio"/> <input type="radio"/>
m. Retired	<input type="radio"/> <input type="radio"/>
n. Homemaker, housewife, househusband	<input type="radio"/> <input type="radio"/>
o. Working multiple jobs	<input type="radio"/> <input type="radio"/>
p. Working temporary job(s)	<input type="radio"/> <input type="radio"/>

M00127...Note 45

127. In 1999, how many weeks were you without a civilian job and looking for civilian work?

- 90 ☐ Not applicable, I had a civilian job throughout 1999
 052 ☐ The entire year

 Weeks

128. During 1999, did you do any civilian work for pay?

Answer "Yes" even if you worked only an average of an hour a week as a civilian, or helped without pay in a family business or farm for an average of 15 or more hours per week.

- 1 ☐ No → IF NO, GO TO QUESTION 148
2 ☐ Yes

Questions 129-147 are about your civilian job in 1999. If you had more than one, answer these questions for the one where you worked the most hours per week for most of the year.

OCC99CD.(129)...Note 47

129. What kind of business or industry is/was this?

Describe the activity at the location where you were employed. For example: hospital, newspaper publishing, mail order house, auto repair shop, bank. Do not write the name of the company.

OCC99CD.(130)

130. What kind of work are/were you doing? For example: registered nurse, personnel manager, supervisor of order department, auto mechanic, accountant.

Print kind of work/job title

OCC99CD.(131)

131. What are/were your most important activities or duties at this job? For example: patient care, directing hiring policies, supervising order clerks, repairing automobiles, reconciling financial records.

Print activities/duties

M00132...RM00132

132. Which of the following best describes your civilian employer in 1999? Mark one.

- 1 ☐ Federal government
2 ☐ State government
3 ☐ Local government (including public schools)
4 ☐ Working without pay in family business or farm
5 ☐ Self-employed in own business
6 ☐ Private sector firm with more than 500 employees
7 ☐ Private sector firm with 100-499 employees
8 ☐ Private sector firm with less than 100 employees

M00133

133. In 1999, what was your employment status in your primary civilian job? Mark one.

- 1 ☐ Permanent employee
2 ☐ Temporary employee

134. During a typical week, what days do/did you work in your main civilian job? Mark all that apply.

a	b	c	d	e	f	g
Sun	Mon	Tues	Wed	Thur	Fri	Sat
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

M00135...Note 49

135. In 1999, how many hours per week did you usually work at your main civilian job?

 Weekly hours

M00136...Note 49

136. In 1999, how many hours per week did you usually work at all of your civilian jobs?

 Weekly hours

M00137, M00137SK...Note 50

137. In 1999, did you ever work more than 40 hours per week at your main civilian job?

- 1 ☐ No → IF NO, GO TO QUESTION 140 2 ☐ Yes

M00138...Note 51

138. In 1999, how many weeks did you work more than 40 hours per week at your main civilian job?

 Number of weeks

M000139a-h

139. In 1999, how were you compensated when you worked overtime (e.g., over 40 hrs in a week)? Mark "False" or "True" for each item.

	1.....2	
	False	True
a. Not paid extra for working overtime	<input type="radio"/>	<input type="radio"/>
b. Received compensatory time	<input type="radio"/>	<input type="radio"/>
c. Paid at my regular pay rate	<input type="radio"/>	<input type="radio"/>
d. Paid time-and-a-half	<input type="radio"/>	<input type="radio"/>
e. Paid double-time	<input type="radio"/>	<input type="radio"/>
f. Paid more than double-time	<input type="radio"/>	<input type="radio"/>
g. Received bonus	<input type="radio"/>	<input type="radio"/>
h. Received more fees/commission	<input type="radio"/>	<input type="radio"/>

M00140, M00140SK...Note 52

140. In 1999, did you have a second civilian job in addition to your primary civilian job?

- 1 ☐ No → IF NO, GO TO QUESTION 142 2 ☐ Yes

M00141a-g

141. How much did each of the following contribute to your having a second job?

	5.....	4.....	3.....	2.....	1.....	Completely
		Very much	Somewhat	Very little	Not at all	
a. Needed additional income to meet basic expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
b. Nice to have extra income to use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
c. Saving extra income for future needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
d. Independence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
e. Self-esteem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
f. Enjoyment of work itself	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
g. To gain experience for a non-military second career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

M00142

142. In 1999, how often did you lose opportunities for overtime/extra pay because of your National Guard/Reserve obligations?

- 1 ☐ Never 4 ☐ Frequently
 2 ☐ Rarely 5 ☐ Always
 3 ☐ Occasionally

M00143, M00143SK, Note 53

143. Were you self-employed in 1999?

- 1 ☐ No
 2 ☐ Yes → IF YES, GO TO QUESTION 146

M00144a-c

144. Which of the following describes how you got time off from your civilian job to meet the following National Guard/Reserve obligations in 1999?

3 I used military leave/leave of absence

2 I used vacation/sick/personal days |

1 Obligation was on day(s) I did not work | |

91 Does not apply, I did not attend | | |

92 Does not apply, no conflict with job | | | |

- a. Military schooling ☐ ☐ ☐ ☐ ☐ ☐
 b. Annual training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
 c. Required drills ☐ ☐ ☐ ☐ ☐ ☐

M00145a-c

145. Which of the following best describes how you were paid for the time you took from your civilian job for National Guard/Reserve obligations in 1999?

91 Does not apply/I did not attend

5 Other |

4 Received military pay and full civilian pay | |

3 Received military pay and partial civilian pay | | |

2 Received only military pay | | | |

1 Military obligations were on days I didn't work | | | | |

- a. Military schooling ☐ ☐ ☐ ☐ ☐ ☐
 b. Annual training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
 c. Required drills ☐ ☐ ☐ ☐ ☐ ☐

M00146a-d

146. How much of a problem is there for your main employer (or for you, if self-employed) when you spend...?

-6 Does not apply

99 Don't know |

5 Very serious problem | |

4 Serious problem | | |

3 Somewhat of a problem | | | |

2 Slight problem | | | | |

1 Not a problem | | | | |

- a. Time away for required drills ☐ ☐ ☐ ☐ ☐ ☐
 b. Time away for Annual Training/ACDUTRA ☐ ☐ ☐ ☐ ☐ ☐
 c. Extra time spent on National Guard/Reserve activities or business ☐ ☐ ☐ ☐ ☐ ☐
 d. Time away for mobilization/ deployment ☐ ☐ ☐ ☐ ☐ ☐

M00147

147. How similar was your civilian job to your National Guard/Reserve duty?

- 93 ☐ Does not apply, my civilian job was as a National Guard/Reserve military technician
 1 ☐ Very dissimilar
 2 ☐ Somewhat dissimilar
 3 ☐ Neither similar nor dissimilar
 4 ☐ Somewhat similar
 5 ☐ Very similar

M00148a-c, M00148CN, M00148SK, Note 54

148. Have you ever been forced to leave college, technical training, apprenticeship training, or any other kind of educational experience because of mobilization or deployment (voluntary or involuntary)? *Mark all that apply.*

a ☐ No → IF NO, GO TO SECTION VIII on page 20

b ☐ Yes, for involuntary duty

c ☐ Yes, for voluntary duty

M00149a-f, M00149CN, Note 55, RM00149b, RM149cd, RM00149e

149. What type of educational program were you enrolled in? *Mark all that apply.*

- a ☐ College/university (public/state)
 b ☐ College/university (private)
 c ☐ Technical training
 d ☐ Apprenticeship training
 e ☐ Continuing professional education
 f ☐ None of the above

M00150a-d

150. Were you able to . . . ? *Mark "No" or "Yes" for each item.*

1...2
No Yes

- a. Obtain a full refund for tuition and/or fees paid for the semester/quarter interrupted by military duty? ☐ ☐
 b. Obtain a partial refund for tuition and/or fees paid for the semester/quarter interrupted by military duty? ☐ ☐
 c. Receive credit for course work completed? ☐ ☐
 d. Re-enroll, without prejudice, in the same educational institution after performing military duty? ☐ ☐

M00151

151. Have you ever participated in computer-based distance learning?

- 1 ☐ No
 2 ☐ Yes

VIII. ECONOMIC ISSUES

The questions in this section address economic issues in the lives of military members and their families. The information will be used to better understand the economic and financial concerns of military members and their families. Although people will have different views on what is or is not personal, people will consider at least some of the questions to be personal. As with all other questions in this survey, your responses will be held in confidence.

M00152

152. Which of the following best describes the financial condition of you (and your spouse)?

1. ☐ Very comfortable and secure
2. ☐ Able to make ends meet without much difficulty
3. ☐ Occasionally have some difficulty making ends meet
4. ☐ Tough to make ends meet but keeping your head above water
5. ☐ In over your head

M00153

153. Overall, how do you feel about your family income (that is, all the money that comes to you and other members of your family living with you)?

1. ☐ Very dissatisfied
2. ☐ Dissatisfied
3. ☐ Neither satisfied nor dissatisfied
4. ☐ Satisfied
5. ☐ Very satisfied

M000154a-t, RM154bc, RM154, OW, RM00154g, RM00154k, RM154ps

154. During the past 12 months, did you (or your spouse) receive any income or financial support from the following sources? Mark "No" or "Yes" for each item.

- | | 1.....2 | No | Yes |
|---|-----------------------|-----------------------|-----|
| a. A second job | <input type="radio"/> | <input type="radio"/> | |
| b. Alimony | <input type="radio"/> | <input type="radio"/> | |
| c. Child support | <input type="radio"/> | <input type="radio"/> | |
| d. Supplemental Security Income (SSI) | <input type="radio"/> | <input type="radio"/> | |
| e. Unemployment or Workers' compensation | <input type="radio"/> | <input type="radio"/> | |
| f. State-funded childcare assistance | <input type="radio"/> | <input type="radio"/> | |
| g. Women, Infants, and Children (WIC) | <input type="radio"/> | <input type="radio"/> | |
| h. Food Stamp Program | <input type="radio"/> | <input type="radio"/> | |
| i. Head Start Program | <input type="radio"/> | <input type="radio"/> | |
| j. Temporary Assistance to Needy Families (TANF) | <input type="radio"/> | <input type="radio"/> | |
| k. Medicaid | <input type="radio"/> | <input type="radio"/> | |
| l. Other public welfare or assistance | <input type="radio"/> | <input type="radio"/> | |
| m. Interest and dividends on savings | <input type="radio"/> | <input type="radio"/> | |
| n. Stocks, bonds, or other investments | <input type="radio"/> | <input type="radio"/> | |
| o. Pensions from federal, state, or local government employment | <input type="radio"/> | <input type="radio"/> | |
| p. Pensions from private employer or union | <input type="radio"/> | <input type="radio"/> | |
| q. Veterans benefits or pensions | <input type="radio"/> | <input type="radio"/> | |
| r. GI Bill | <input type="radio"/> | <input type="radio"/> | |
| s. Social Security or Railroad Retirement | <input type="radio"/> | <input type="radio"/> | |
| t. Other sources <u>not</u> including earnings from wages or salaries | <input type="radio"/> | <input type="radio"/> | |

M00155

155. What is your total monthly gross (before tax) household income from all sources? Please include your military earnings, your civilian earnings, your spouse's earnings, and income or financial support from any other source.

- | | |
|--|--|
| 1. <input type="radio"/> \$1-1,000 | 7. <input type="radio"/> \$6,001-7,000 |
| 2. <input type="radio"/> \$1,001-2,000 | 8. <input type="radio"/> \$7,001-8,000 |
| 3. <input type="radio"/> \$2,001-3,000 | 9. <input type="radio"/> \$8,001-9,000 |
| 4. <input type="radio"/> \$3,001-4,000 | 10. <input type="radio"/> \$9,001-10,000 |
| 5. <input type="radio"/> \$4,001-5,000 | 11. <input type="radio"/> \$10,001 and above |
| 6. <input type="radio"/> \$5,001-6,000 | |

M00156

156. Which of the following best reflects how you use your National Guard/Reserve income? Mark one.

1. ☐ To pay bills
2. ☐ On extra things (vacations, niceties, etc.)
3. ☐ Savings and/or investments

M00157a-d, RM157ac

157. Do you (or your spouse) pay child support or alimony? Mark "No" or "Yes" for each item.

- | | 1.....2 | 3.....6 | Does |
|-----------------------------------|-----------------------|-----------------------|-----------------------|
| | No | Yes | Not Apply |
| a. You pay child support | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Your spouse pays child support | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. You pay alimony | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Your spouse pays alimony | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00158a-m, RM158bg, RM158ij, RM00158l

158. In the past 12 months, did any of the following happen to you (or your spouse)? Mark "No" or "Yes" for each item.

- | | 1.....2 | No | Yes |
|---|-----------------------|-----------------------|-----|
| a. Bounced two or more checks | <input type="radio"/> | <input type="radio"/> | |
| b. Received a letter of indebtedness (e.g., a letter from a lender to your commanding officer that payment is late) | <input type="radio"/> | <input type="radio"/> | |
| c. Had your wages garnished | <input type="radio"/> | <input type="radio"/> | |
| d. Fell behind in paying your rent or mortgage | <input type="radio"/> | <input type="radio"/> | |
| e. Fell behind in paying your credit card, AAFES, or NEXCOM account | <input type="radio"/> | <input type="radio"/> | |
| f. Was pressured to pay bills by stores, creditors, or bill collectors | <input type="radio"/> | <input type="radio"/> | |
| g. Had a bill collector contact your unit leader | <input type="radio"/> | <input type="radio"/> | |
| h. Pawned or sold valuables to make ends meet | <input type="radio"/> | <input type="radio"/> | |
| i. Borrowed money from friends or relatives to help you with a financial difficulty | <input type="radio"/> | <input type="radio"/> | |
| j. Borrowed money through an Emergency Loan Assistance Program or a Service Aid Society | <input type="radio"/> | <input type="radio"/> | |
| k. Had your utilities (telephone, cable, water, heat or electricity) shut off | <input type="radio"/> | <input type="radio"/> | |
| l. Had a car, household appliances, or furniture repossessed | <input type="radio"/> | <input type="radio"/> | |
| m. Went bankrupt (declared personal bankruptcy) | <input type="radio"/> | <input type="radio"/> | |

159. What is the average monthly amount of money that you (and your spouse) pay to meet the following expenses? Please round off amount to the nearest dollar. For example, if your rent is \$695.40 per month, enter 0695 in the boxes.

EXPENSE		MONTHLY COST				
a. Rent or mortgage	\$					.00
b. Utilities (electric, gas, water, etc.)	\$					.00
c. Maintenance (home, yard, etc.)	\$					.00
d. Loans/leases on cars, trucks, cycles	\$					.00
e. Groceries	\$					.00
f. Other	\$					.00

M000160

160. What is the amount of payments that you (and your spouse) made last month to cover personal unsecured debt? Include all credit cards, debt consolidation loans, AAFES loans, NEXCOM loans, student loans, and other personal loans. Exclude home mortgage and car loans.

- | | |
|------------------------------------|--|
| 1. <input type="radio"/> \$0 | 6. <input type="radio"/> \$601-750 |
| 2. <input type="radio"/> \$1-150 | 7. <input type="radio"/> \$751-900 |
| 3. <input type="radio"/> \$151-300 | 8. <input type="radio"/> \$901-1050 |
| 4. <input type="radio"/> \$301-450 | 9. <input type="radio"/> \$1,051 and above |
| 5. <input type="radio"/> \$451-600 | |

M000161

161. After the last payment was made on personal unsecured debt, what was the total amount you (and your spouse) still owed? Include all credit cards, debt consolidation loans, AAFES loans, NEXCOM loans, student loans, and other personal loans. Exclude home mortgage and car loans.

- | | |
|---|--|
| 1. <input type="radio"/> \$0 | 7. <input type="radio"/> \$10,001-12,500 |
| 2. <input type="radio"/> \$1-1,000 | 8. <input type="radio"/> \$12,501-15,000 |
| 3. <input type="radio"/> \$1,001-2,500 | 9. <input type="radio"/> \$15,001-17,500 |
| 4. <input type="radio"/> \$2,501-5,000 | 10. <input type="radio"/> \$17,501-20,000 |
| 5. <input type="radio"/> \$5,001-7,500 | 11. <input type="radio"/> \$20,001 and above |
| 6. <input type="radio"/> \$7,501-10,000 | |

M00162

162. Roughly, what is the total amount of savings you (and your spouse) have? Please include funds in bank accounts, individual retirement accounts, money market accounts, certificates of deposit, savings bonds, mutual funds, stocks and/or bonds.

- | | |
|--|---|
| 1. <input type="radio"/> \$0 | 8. <input type="radio"/> \$12,501-15,000 |
| 2. <input type="radio"/> \$1-1,000 | 9. <input type="radio"/> \$15,001-17,500 |
| 3. <input type="radio"/> \$1,001-2,500 | 10. <input type="radio"/> \$17,501-20,000 |
| 4. <input type="radio"/> \$2,501-5,000 | 11. <input type="radio"/> \$20,001-50,000 |
| 5. <input type="radio"/> \$5,001-7,500 | 12. <input type="radio"/> \$50,001-100,000 |
| 6. <input type="radio"/> \$7,501-10,000 | 13. <input type="radio"/> \$100,001 and above |
| 7. <input type="radio"/> \$10,001-12,500 | |

163. Do you rent or own your principal residence?

1. ☐ Rent
2. ☐ Own
3. ☐ Neither, live in government-owned or -leased housing → **GO TO QUESTION 165**
4. ☐ Neither, live with friends/relatives and pay no costs → **GO TO QUESTION 165**
5. ☐ Neither, live in other accommodations → **GO TO QUESTION 165**

M00164...Note 58

164. How long have you rented or owned your current residence?

0. ☐ Less than one year
- | | |
|--|--|
| | |
|--|--|

 Full years

IX. FULL-TIME ACTIVE DUTY NATIONAL GUARD/RESERVE

M00165, M00165SK...Note 59...XPROG

165. Are you a member of a full-time active duty National Guard/Reserve program (i.e., Active Guard and Reserve (AGR), Training and Administration of the Reserve (TAR), or Active Reserve (AR)?

1. ☐ No → **IF NO, GO TO QUESTION 173**
2. ☐ Yes

M000166a-h

166. In the next year, do you plan to . . . ? Mark "No" or "Yes" for each.

- | | 1.....2 | No | Yes |
|---|-----------------------|-----------------------|-----------------------|
| a. Retire | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Leave the National Guard/Reserve (before retiring) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Transfer to an Active component | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Transfer to another National Guard/Reserve component | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Become a drilling unit member | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Transfer to IMA program | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Transfer to Individual Ready Reserve (IRR)/Inactive National Guard (ING) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Remain as an AGR/TAR/AR | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00167

167. If you were to leave the AGR/TAR/AR program now and try to find a civilian job, how likely would you be to find a good civilian job?

1. ☐ Very unlikely
2. ☐ Unlikely
3. ☐ Neither likely nor unlikely
4. ☐ Likely
5. ☐ Very likely

M00168...Note 60

168. As of today, how many months have you been assigned as an AGR/TAR/AR to your present post, base or duty station? Please include any extensions you may have had in the total months assigned.

0. ☐ Less than one month
- | | |
|--|--|
| | |
|--|--|

 Full months

M00169, Note 60

169. How much longer do you expect to be at your present location?

- 6 ☐ Does not apply, I don't have a specified tour length or I expect to be here indefinitely

- 0 ☐ Less than 1 month

		Full months
--	--	-------------

M00170, M00170SK, Note 61

170. In all the time you have been in the AGR/TAR/AR program, how many times did you move to a new location because of your permanent change of station (PCS)? Do not count permanent changes of assignment.

- 0 ☐ None → IF NONE, GO TO QUESTION 173

		PCS moves
--	--	-----------

M00171a-p

171. For your most recent PCS move, were any of the following a problem?

-6	Does not apply					
99	Don't know					
5	Very Serious problem					
4	Serious problem					
3	Somewhat of a problem					
2	Slight problem					
1	Not a problem					

- | | | | | | | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Adjusting to a higher cost of living | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Moving and setting up a new household | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Temporary lodging expenses | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Cost of setting up a new residence (curtains, carpeting, paint, etc.) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Transportation costs incurred during move | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Finding civilian employment for your spouse or dependents | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Continuing your education | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Continuing spouse/dependent education | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Transferability of college credits | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Finding permanent housing | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Finding shopping areas, recreational facilities, etc. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Children adjusting to new environment | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Spouse adjusting to new environment | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Adjusting yourself to new environment | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Medical care for Exceptional Family Program member | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Educational facilities for Exceptional Family Program member | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00172, Note 62

172. In all the time you have been in the AGR/TAR/AR program, how many times did your spouse/dependents move to a new location because of your permanent changes of station (PCS)?

- 6 ☐ Does not apply, had no spouse/dependents when I PCS'd

		PCS moves
--	--	-----------

X. MILITARY LIFE

M00173, M00173S1, M00173S2, Note 63

173. Do you perform volunteer work for the National Guard/Reserve, another Defense/Service organization, or for a civilian organization?

- 1 ☐ No → IF NO, GO TO QUESTION 175

- 2 ☐ Yes

M00174a-c, M00174SK, Note 64

174. How many hours in an average month do you perform volunteer work for a National Guard/Reserve, other Defense/Service, or civilian organization? Answer for each, then go to question 176.

- | | | | | |
|-----------------------------------|---|--|--|-------|
| a. National Guard/Reserve | <table border="1"><tr><td></td><td></td></tr></table> | | | Hours |
| | | | | |
| b. Other Defense or Service group | <table border="1"><tr><td></td><td></td></tr></table> | | | Hours |
| | | | | |
| c. Civilian organization | <table border="1"><tr><td></td><td></td></tr></table> | | | Hours |
| | | | | |

M00175a-h

175. What prevents you from volunteering? Mark "No" or "Yes" for each item.

- | | | |
|--|-----------------------|-----------------------|
| | 1.....2 | |
| | No | Yes |
| a. I do not have time | <input type="radio"/> | <input type="radio"/> |
| b. I am not interested | <input type="radio"/> | <input type="radio"/> |
| c. Location | <input type="radio"/> | <input type="radio"/> |
| d. Times in which activities are scheduled | <input type="radio"/> | <input type="radio"/> |
| e. Lack of childcare | <input type="radio"/> | <input type="radio"/> |
| f. I do not have transportation | <input type="radio"/> | <input type="radio"/> |
| g. I have not been asked | <input type="radio"/> | <input type="radio"/> |
| h. I am physically unable | <input type="radio"/> | <input type="radio"/> |

M00176a-e

176. How do you feel about the amount of time you spend on each activity listed below?

- | | | |
|--------------------------------------|--|-----------------------|
| -6 | Does not apply | |
| 3 | I spend too much time | |
| 2 | I spend about the right amount of time | |
| 1 | I don't spend enough time | |
| a. Your civilian job | <input type="radio"/> | <input type="radio"/> |
| b. Family activities | <input type="radio"/> | <input type="radio"/> |
| c. Leisure activities | <input type="radio"/> | <input type="radio"/> |
| d. National Guard/Reserve activities | <input type="radio"/> | <input type="radio"/> |
| e. Community activities | <input type="radio"/> | <input type="radio"/> |

M00177a-o.

177. All things considered, how satisfied are you with each feature of the National Guard/Reserve listed below?

	-6.....	Not applicable				
	5.....	Very satisfied				
	4.....	Satisfied				
	3.....	Neither satisfied nor dissatisfied				
	2.....	Dissatisfied				
	1.....	Very dissatisfied				
a. Basic pay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Special and incentive pay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Availability of recruiting/ retention bonuses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Commissary privileges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Exchange privileges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Morale/welfare/recreation privileges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Retirement pay you would get	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Cost of living adjustment (COLA) to retirement pay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Other retirement benefits, such as medical care and use of base services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Educational benefits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Frequency of moves	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Amount of discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. Opportunity to serve your country	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. Respect from Active component	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. Your participation in the National Guard/Reserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

M00178a-c

178. How much do you agree or disagree with each of the following statements about military life?

	5.....	Strongly agree			
	4.....	Agree			
	3.....	Neither agree nor disagree			
	2.....	Disagree			
	1.....	Strongly disagree			
a. Life in the military is what I expected it to be	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Military personnel in the future will have at least as good retirement benefits as I have	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. My military pay and benefits will not keep up with inflation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

M00179a-u.

179. How satisfied are you with the following characteristics of the location where you live now? If you live on an installation, answer for your installation. If you do not live on an installation, answer for your community.

	-6.....	Does not apply				
	5.....	Very satisfied				
	4.....	Satisfied				
	3.....	Neither satisfied nor dissatisfied				
	2.....	Dissatisfied				
	1.....	Very dissatisfied				
a. Climate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Cost of residence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Distance to workplace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Distance to shopping areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Distance to recreation areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Safety of the area where you live	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Family's ability to handle cost of living	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Availability of military housing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Quality of military housing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Availability of civilian housing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Availability of goods and services at the installation or duty station	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Recreational facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. Attitudes of local residents toward military families	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. Availability of Federal employment For spouse or dependents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. Availability of other civilian employment for spouse or dependents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. Quality of school for dependents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
q. Availability of medical care for you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
r. Quality of medical care for you	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
s. Availability of medical care for spouse or dependents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
t. Quality of medical care for spouse or dependents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
u. Availability of military family support programs or services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

180. Would you like to know the results of this survey? If you are interested in being notified when a brief summary of the results is available on the Web, please print your e-mail address below. This e-mail address will be used for no other purpose than this notification.

[illegible]

181. On what date did you complete this survey?

Y	Y	Y	Y	M	M	D	D
---	---	---	---	---	---	---	---

182. If you have comments or concerns that you were not able to express in answering this survey, please print them in the space provided.

- **PLEASE RETURN YOUR COMPLETED SURVEY IN THE BUSINESS REPLY ENVELOPE.**
(If you misplaced the envelope, mail the survey to DMDC, c/o Data Recognition Corp., 5900 Baker Rd., Minnetonka, MN 55345-5967).
- **IF YOU ARE RETURNING THE SURVEY FROM ANOTHER COUNTRY, BE SURE TO RETURN THE BUSINESS REPLY ENVELOPE ONLY THROUGH A U.S. GOVERNMENT MAIL ROOM OR POST OFFICE.**
- **FOREIGN POSTAL SYSTEMS WILL NOT DELIVER BUSINESS REPLY MAIL.**

25

Items Appearing Only in Online Version of Form M

M00028WA-WR, Note 14

28. People participate in the National Guard/Reserve for many reasons. How much have each of the following contributed to your decision to stay in the National Guard/Reserve?

6.....	Does not apply				
5.....	Very great influence				
4.....	Great influence				
3.....	Some influence				
2.....	Little influence				
1.....	Not at all				

- | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Serving the country | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Using educational benefits | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Obtaining training in a skill that would help get a civilian job | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Serving with the people in the unit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Getting credit toward National Guard/Reserve retirement | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. Promotion opportunities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. Opportunity to use military equipment | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. Challenge of military training | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. Needing the money for basic family expenses | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. Wanting extra money to use now | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| k. Saving income for the future | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| l. Travel/"get away" opportunities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| m. Just enjoying the National Guard/Reserve | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| n. Pride in my accomplishments in the National Guard/Reserve | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| o. Amount of enjoyment from military job | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| p. Special and incentive pay | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| q. Reenlistment bonus or continuation pay program | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| r. Required to fulfill an obligation | | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

M00098WA-M00098WD, M00098WS, Notes 32 and 33

98. Other than for answering this survey, which of the following have you used in the last 12 months? Mark all that apply.

- ☐ a. a personal computer (PC)
- ☐ b. an Internet appliance like Web TV
- ☐ c. a hand-held Internet device like a Palm Pilot
- ☐ d. None of the above → **IF NONE OF THE ABOVE, GO TO QUESTION 102**

M00100WA-M00100WD, M00100WS, Notes 32 and 33

100. Other than for answering this survey, which of the following have you used to access the Internet/World Wide Web in the last 12 months? Mark all that apply.

- ☐ a. a personal computer (PC)
- ☐ b. an Internet appliance like Web TV
- ☐ c. a hand-held Internet device like a Palm Pilot
- ☐ d. None of the above → **IF NONE OF THE ABOVE, GO TO QUESTION 102**

APPENDIX D

CODING SCHEME

APPENDIX D: Coding Scheme for the 2000 Reserve Component Surveys (RCS) 2000 Survey of Reserve Component Personnel–Form M

The guiding premise of coding this and other DMDC surveys is that the analysts creating the dataset will not be the only ones analyzing the data. DMDC rarely collects data only for immediate use or to answer one question. Different people, both at DMDC and other organizations (government, academic, and private-sector), analyze DMDC datasets repeatedly over time. Every care is taken in organizing and documenting DMDC surveys so secondary analysts can be reasonably certain they understand both how the data are coded and the limitations of the data. This appendix describes (a) variable naming conventions, (b) how data are captured from the survey instrument, and (c) the edit process to create survey response variables for the analysis file.

Variable Naming

In responding to a customer's request for information, DMDC often uses multiple data sources. Information on a particular topic could be obtained from different surveys or from a survey that has been repeated over a number of years. For example, a customer might be interested in organizational commitment items included in a survey of serving members in 1999 and in an exit survey in 2000. Conventions discussed below are being used as a means for facilitating such analyses.

Non-survey-derived Variables

Variable names for non-survey-derived variables tend to be character strings that aid in remembering the meanings of the variables. Two important conventions were used in naming variables.

A variable name from DMDC record files was used only if the data, values, and value labels were identical to those from an official DMDC data file. When data were added to an analysis file unchanged from record data, the same variable name, values, and value labels were used. For example, "SVC" is a field in the ADMF and RCCPDS that indicates the member's service; since the variable in the survey data file is identical to that in the record data from the month that the sample was drawn, the same variable name and labels were used. In contrast, the variable SRSVC1 has slightly different values and value labels, and consequently was given a variable name that is not used in the official records so as not to confuse analysts who work routinely with record data.

Beginning a variable name with "X" indicates it is a special crossing (marginal) variable for key analyses. "X variables" typically involve using record data to impute values for missing data in survey items. X variables may also be used to mask data. In such cases, collapsing or recoding to missing is performed to preserve confidentiality of respondents. (See Appendix I for the programming that was used to compute X variables.)

Survey-derived Variables

Identical demographic items are used across many DMDC surveys. Each time these items are used, identical variable names and values are used. The variable names for this group of demographic items start with “SR” (mnemonic for survey reported). The following items in this survey fall into this category: SRSEX (for gender), SRED (for education), and SRHISPA1 (for Hispanic ethnicity). COMMENT (for a flag indicating if a comment has been entered) and SRDATE1 (for the date the survey was completed) are other standard variables across DMDC surveys (see page 24 of the survey instrument).

Variable names for items that are not standardized across DMDC surveys start with 1 or 2 letters to represent the survey, followed by 2 digits to represent the year the data are gathered, and end with 4 or 5 numbers/letters corresponding to the survey questionnaire item. Because of how sorting is done, leading zeros are used so items are ordered from 001 through 999. Typically, the last one or two of the 4 or 5 item-number digits are either not used or contain letter(s) representing one of the sub-items within the question. The basic naming conventions are implemented as follows for RCS:

- The first position is “M” for the basic variables¹ for items appearing in Form M of the Survey of Reserve Component Personnel, using one letter to represent the survey form received by members.
- The second and third characters after the M are “00” to indicate these data came from a survey administered in 2000.
- The fourth, fifth and sixth characters are item numbers in the survey.
- Letters following the numbers for multi-part items usually represent the sub-item. The exceptions, summarized here, are further explained in Table D-3:
 - Specify flags (ending in a “SP”) represent whether information has been written in a specify box. For example, when respondents to this survey indicate on Question 24 that a problem other than those listed would occur if they were to be mobilized or deployed for 3 months, they are directed to specify their reason in the write-in area. M00024SP is a flag variable indicating whether text was entered in the write-in area, and whether the presence of text in this area is consistent with how the basic question was answered. The specify flags for short write-ins are verified by visual inspection whenever the scan-editing program detects something in the specify boxes, and by a separate later keying process for the long comment section at the end of the survey. Certain types of entries are ignored: (1) unintelligible entries like lines, squiggles, or multiple XXXs; and (2) negative replies like, *nothing*, *none*, *no*, *NA*, and *not applicable*.

¹ While the most frequently used variables for the survey items start with M, variables may also start with a “U” to indicate that they are not edited for skip pattern consistency or an “R” to indicate that they have been recoded from the basic variable.

- For certain write-in responses, numeric codes are available. These variables may be named for the basic survey item by appending “CD” to the usual variable name of items that accept write-in answers. In this survey, three write-in items (Questions 129-131) are used with other items to give an occupational code for the Reservist’s 1999 civilian occupation, OCC99CD.
- Skip pattern flags (usually ending in “SK”)² represent data quality for questions directing respondents to skip later questions if they respond to a question in a certain way. For example, if respondents to this survey indicate on Question 22 they have not been away from home overnight because of military duties, they are directed to skip Question 23. M00022SK is a flag variable indicating if Question 23 is answered consistently with the skip directions.

Value Coding and Formats

Datasets were prepared as SAS³ system files. An OS or flat file version of the public release file was then prepared from the SAS system file. This section describes how values were treated in creating the SAS system files and notes any differences in the flat file.

In the SAS system files, variables were declared as numeric unless they contained true alphabetic characters. Although numeric variables can take more storage space, many statistical and logical operations can be done only with variables that are declared as numeric. Values for alphabetic variables were input with \$CHARww.formats to preserve leading, embedded, and trailing blanks. Additionally, one other variable was declared to be alphanumeric. This variable, INRECNO, is a unique identifier used to link records.

Raw-Data Encoding Process

The survey forms were processed with image scanning and intelligent character recognition (ICR) technology. After an optical image was made of each page of the survey, a computer program compared each optical image to a template.

- The software assigned codes to fields created for the survey items.
- The software flagged any item that would result in an error code (for missing or multiple response) rather than a valid response code.
- Intelligent character recognition software was used with the template to resolve entries in boxes such as those provided for Question 2. The software flagged for onscreen determination any entries in boxes that could not be resolved with a high degree of certainty.

² Some questions require multiple skip flags which are denoted by the letter “S” and a number (e.g., the two flags for M00004 are named M00004S1 and M0004S2). Skip-flag variables for multi-item questions are denoted by “S” and the letter of the item (e.g., the flags for M00011AA-AK are named M00011SA-M00011SK). The two skip flag names in the web version end in WS (e.g., the flag for M00100W is named M00100WS).

³ SAS is a trademark of the SAS Institute, Inc.

The surveys were then edited by a person who would see an image of the survey pages on a computer monitor. Each problem item flagged by the computer was highlighted on the screen. If the editor could not determine the correct response to problem-flagged items, then the paper form was pulled and the editor checked it. The editor also typed the text of all the short specify items during this pass.⁴ Through this stage, each item was evaluated individually and codes were assigned according to only what was marked in a single item. These codes are based on the position of mark(s) in only one item and are found on the annotated forms in Appendix A. The resulting file was then transferred to DRC programmer/analysts for validation and creation of the returns datasets.

Data cleaning and editing can be thought of as occurring in five coding steps. In practice, these steps may not be strictly linear, nor neatly match the processing steps discussed above. However, they are a convenient framework to understand the meaning of the codes.

1. Each response is coded with one of three types of standard codes: valid response option value (see Coding Annotation on the survey form in Appendix A), no response (-9), or multiple-response error (-8).
2. Specify flag variables are created, and codes are assigned to indicate if respondents wrote in responses correctly where fill-in boxes were used.
3. Skip flag variables are created, and codes are assigned to indicate if respondents completed the skip pattern correctly.
4. Special codes for valid skips are assigned to variables within skip patterns using a “forward coding” process.
5. Text code variables are created, and codes are assigned based on the content coding of the text entries.

In the coding sequence, coding in the third and later steps builds on prior steps and usually involves values in multiple items to resolve edits.

The next sections discuss the assignment of missing value codes, the special treatment of data variables, and the editing of skip patterns during steps 3 and 4.

Missing Data Codes

The instructions used to assign missing data codes and other special codes are shown in five tables. In these tables, the value labels associated with each assigned code are shown in italicized text. These are the SAS format labels used in the SAS dataset.

- Table D-1 contains basic SAS and flat file missing data codes.
- Table D-2 contains SAS and flat file missing data codes for dates.
- Table D-3 contains standard coding notes for flag variables.
- Table D-4 contains SAS and flat file special not-applicable codes.
- Table D-5 provides special coding notes for items involving skip patterns or other non-obvious coding.

⁴ The long comment item at the end of the questionnaire was keyed in a separate process. The comments data are confidential to preserve privacy and are not merged into the returns dataset.

The codes presented in Table D-1 are general missing data codes that have been adopted in recent years for use on DMDC surveys. (Standards for date variables are in Table D-2.) Both tables have separate columns for values used for SAS system files and flat files. The biggest difference between the flat files and SAS system files is in the treatment of missing values. The flat file codes differ from the SAS codes because SAS implements special missing codes and formats that may not be compatible with other statistical analysis software such as SPSS⁵. SAS can represent up to 27 missing data values for numeric variables as either a period or a period-letter combination. While SAS can read alphas representing missing data in a raw data field

Table D-1
Basic SAS and Flat File Missing Data Codes

SAS File		Flat File		Description
Numeric	Alpha	Numeric	Alpha	
.	.	-9	.	<i>No response (invalid skip)</i>
.A	.A	-8	.A	<i>Multiple response error</i>
.O	.O	-7	.O	<i>Out-of-range error</i>
.N	.N	-6	.N	<i>Not applicable (valid skip)</i>
.F	.F	-5	.F	<i>Variable not on survey form.</i> This value is reserved for multiple form surveys.
.I	.I	-4	.I	<i>Incomplete grid error or illegible.</i> Used when the meaning or content of the respondent's answer could not be determined.
.G	.G	-3	.G	<i>No match on official records.</i> Only used for master file and weighting variables for surveys that cannot be matched back to original records.
.M	.M	-2	.M	<i>Implied continuation.</i> Respondent's answer to this item is inconsistent with his/her answering items in a skip pattern started with this item.
.B	.B	-1	.B	<i>Blank/no survey.</i> Filler values for survey variables when either a blank survey is returned or no survey is returned. Survey control system variables retain their assigned values.
99	DK	99	DK	<i>Don't know*</i>

Notes. *Use of 'Don't know' as a response is not exactly missing data. It is, however, given special treatment because it lacks precision and is *sometimes* excluded when calculating percentages. If an analyst decides to exclude this response when calculating percentages, it should be re-coded as missing; in SAS datasets the value .D is suggested for use. Also, it is often useful to sum (across items) the number of times 'Don't know' is used as a response.

⁵ SPSS is a trademark of SPSS Inc.

Table D- 2
SAS and Flat File Missing Data Codes for Dates

SAS File		Flat File		Description
Recoded value	Value read from input	YYYYMMDD	MMYYYY	
.	-54908	18090901	SEP1809	<i>No response (invalid skip)</i>
.A	-55304	18080801	AUG1808	<i>Multiple response error</i>
.O	-55701	18070701	JUL1807	<i>Out-of-range error</i>
.N	-56096	18060601	JUN1806	<i>Not applicable (valid skip)</i>
.I	-56887	18040401	APR1804	<i>Incomplete grid error or illegible.</i> Used when the meaning or content of the respondent's answer could not be determined.
.B	-58073	18010101	JAN1801	<i>Blank/no survey.</i> Filler value for survey variables when either a blank survey is returned or no survey is returned. Survey control system variables retain their assigned values.

Note. Exact dates are formatted YYYYMMDD⁶ (SAS input format YYMMDD8.). Because SAS stores dates as the number of days from a standard date of 1 January 1960, special dates have to be used to indicate specific types of missing or error data (see Table D-). The column headed YYYYMMDD shows how special missing data values for SRDATE1 are formatted in the flat file for this survey.⁷ When SAS reads a date value from a flat file, it stores that date as the value in the column headed “Value read from input.” SAS “if-then” statements are used to recode those values to the special missing value codes in the first column of Table D-2. This conversion has already been done in the DMDC SAS files for this survey and SRDATE1 has the values shown under the “Recoded value” column.

⁶ Similarly, dates given as months and years would be formatted as MONYYYY (e.g., AUG1993). When input by SAS format MONYY7., month/year/dates are stored as if they specified the first day of the month.

⁷ While there are no variables in this survey where only a month and year are entered, the column MMYYYYY is included in this table to illustrate how the coding works for this type of variable in other surveys.

declared to be numeric, other programs such as SPSS do not accept alpha characters in numeric fields. Missing numeric data are represented in the flat files by negative numbers that can be declared as missing values. For example, a multiple response error in flat files is coded as a “-8”, which can be declared as a missing value when the data are input in SPSS—in the SAS file, the value “.A” is used to represent a multiple response error.

Data requirements of SUDAAN⁸ were also considered in coding. Primarily this means avoiding in coding the use of a zero, which has a special use for certain procedures in SUDAAN, for a variable that will be used as an independent variable.

Many types of missing data are common to scannable surveys and are self-explanatory. In general, missing data are coded as “-9” (SAS: .) when respondents skip the item invalidly; and multiple response errors are coded as “-8” (SAS: .A). Incomplete responses in grids that could not be resolved by visual inspection are coded as “-4” (SAS: .I). The three boxes in Question 41 are an example of a grid. Putting digits in the first and third boxes, while leaving the middle box empty, would constitute an unresolvable incomplete response. Out-of-range responses in grids (e.g., number of days or weeks in a year larger than 365 or 52, respectively) are coded as “-7” (SAS: .O).

For a single item that contains a response alternative of “Not applicable”, a missing data code of “-6” (SAS: .N) is typically used. When multiple items can be affected by a skip pattern or when item(s) have multiple ways to be not applicable, other specific codes are used. This type of coding is discussed later in the section entitled “Skip Pattern Coding.” That later section also explains using the code “-2” (SAS: .M) to denote implied continuations.

Multiple survey forms or modes (e.g., paper and web) are sometimes used in a single effort, and the data from all the related forms may be combined into a single dataset for analysis. Questions may appear in one form or mode but not in another. In a combined dataset, a code of “-5” (SAS: .F) indicates missing data for variables not on the form completed by a respondent.

Records are included in the files for sampled members regardless of whether or not they returned a survey. If a member did not return a survey or returned a blank survey, every survey variable is assigned a value of “-1” (SAS: .B).

A match could not be made to official records if a valid SSN was not read from the survey form. In such cases, a value of “-3” (SAS: .G) would be assigned to the official record variables; this code indicates the survey could not be matched back to other official records.

Standard Flag Variables

As noted above, this survey employs two standard flag variables: specify flags and skip pattern flags. In the second edit step, specify flags are set in accordance with Table D-3. In the third edit step, skip flags are set in the manner discussed in Table D-3; however, the specifics for each skip flag are detailed in the next section. Note two values, -2 (SAS: .M) and -9 (SAS: .) are

⁸ SUDAAN is a trademark of the Research Triangle Institute.

used to represent missing data in flag variables in a slightly different way than they are used for standard survey variables.

Table D-3
Standard Coding Notes for Flag Variables

1. **SPECIFY FLAGS.** A flag variable (with the variable name ending in ‘SP’) is generated for each specify box. For example, Question 24 includes the flag variable M00024SP. All specify flags are shown in the annotated survey in Appendix A. Specify flags are also discussed in Table D-5 if there are multiple responses indicating the specify box should have text entered in it.

M00xxxSP variables show the result of checking the specify box for marks and checking the parent variable to see if the specify-below response option was selected.

The specify flag variables are coded with one of six values.

- 1 *Valid skip*
Assigned to the flag variable (e.g., M00024SP EQ 1) if the respondent did not select the specify-below response option (e.g., M00024V EQ 1) and no text is entered in the specify-below box.
- 2 *Valid continuation*
Assigned to the flag variable (e.g., M00024SP EQ 2) if the respondent selected the specify-below response option (e.g., M00024V EQ 2 - 5) and the specify-below box contains text.
- 3 *Invalid Continuation*
Assigned to the flag variable (e.g., M00024SP EQ 3) if the respondent did not select the specify-below response option (e.g., M00024V EQ 1) but the specify-below box contains text.
- 4 *Invalid skip*
Assigned to the flag variable (e.g., M00024SP EQ 4) if the respondent selected the specify-below response option (e.g., M00024V EQ 2 - 5) but no text is entered in the specify-below box.
- 2 *Missing continuation*
Assigned to the flag variable (e.g., M00024SP EQ -2) if the parent variable is missing (e.g., M00024V EQ -9) and the specify-below box contains text.
- 9 *Missing skip*
Assigned to the flag variable (e.g., M00024SP EQ -9) if the parent variable is missing (e.g., M00024V EQ -9) and no text is entered in the specify below box.

This can also be illustrated by a contingency table that shows the value of a specify variable (e.g., M00024SP), based on examining the values of the parent variable (e.g., M00024V) and whether the respondent entered anything substantive in the specify box. Certain types of entries are ignored: (1) unintelligible entries like lines, squiggles, or multiple XXXs; and (2) negative replies like, *nothing*, *none*, *no*, *NA*, and *not applicable*.

M00024V value after first edit step	text in box	
	yes	no
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2,3,4,5	2 (Valid continuation)	4 (Invalid skip)
-8,-9	-2 (Missing continuation)	-9 (Missing skip)

2. **CODED VARIABLES.** A coded variable (with the variable name ending in “CD”) is generated for certain write-in responses. Questions 129-131 are coded in the variable OCC99CD. In the first edit step, variables may be assigned the special values of ./-9 No response (invalid skip), .N/-6 Not applicable (valid skip), .F/-5 Variable not on survey form, or .B/-1 Blank/no survey assigned. No other special values are assigned in editing for Specify Flags or Skip Flags because values assigned in these edit steps would often match legitimate codes used for standard codes such as the Census Bureau coding of occupations. The specify flag for the question should be used to evaluate the legitimate cases for which the coded variable is appropriately analyzed.
3. **SKIP FLAGS.** A flag variable (with the variable name ending in SK, S1, S2, etc.) is generated for each skip pattern. For example, Question 22 has the regular variable M00022 and the flag variable M00022SK, and Question 4 has the regular variable M00004 and the skip flags M00004S1 and M00004S2. Skip variables are useful for evaluating the effectiveness of the skip pattern and as a flag for screening out ambiguous response patterns during analysis. Skip flags are shown in the annotated survey in Appendix A and are discussed below.

The skip flag variables are coded with one of six values.

- 1 *Valid skip*
Assigned to the flag variable (e.g., M00022SK EQ 1) if the parent variable shows a skip (e.g., M00022 EQ 1) and the responses are missing for all items in the skip pattern (e.g., all of M00023A-M00023K = -9).
- 2 *Valid continuation*
Assigned to the flag variable (e.g., M00022SK EQ 2) if the parent variable indicates a continuation (e.g., M00022 EQ 2) and the respondent answered at least one of the items in the skip pattern (e.g., at least one of M00023A-M00023K NE -9).
- 3 *Invalid Continuation*
Assigned to the flag variable (e.g., M00022SK EQ 3) if the parent variable indicates a skip (e.g., M00022 EQ 1) but the respondent answered one or more items in the skip pattern (e.g., at least one of M00023A-M00023K NE -9).
- 4 *Invalid skip*
Assigned to the flag variable (e.g., M00022SK EQ 4) if the parent variable indicates a continuation (e.g., M00022 EQ 2) but the responses are missing for all items in the skip pattern (e.g., all of M00023A-M00023K = -9).

- 2 *Missing continuation*
Assigned to the flag variable (e.g., M00022SK EQ -2) if the parent variable is missing (e.g., M00022 EQ -9) and the respondent answered one or more items in the skip pattern (e.g., at least one of M00023A-M00023K NE -9).
- 9 *Missing skip*
Assigned to the flag variable (e.g., M00022SK EQ -9) if the parent variable is missing (e.g., M00022 EQ -9) and the responses are missing for all items in the skip pattern (e.g., all of M00023A-M00023K = -9).

This can also be shown by a contingency table showing the value of a skip variable (e.g., M00022SK) based on examining the values of the parent variable (e.g., M00022) and the variables in the skip pattern (e.g., M00023A-M00023K) after the first edit step.

M00022 value after first edit step	M00023A-M00023K values after first edit step	
	At least one NE -9	All EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

4. **CONSISTENCY FLAGS.** A flag variable (with the variable name ending in CN) is generated to check the logical consistency of responses to two or more related items. For example, Question 27 has the regular variables M00027A-M00027C and the flag variable M00027CN. The flag is a consistency check for M00027A, M00027B, and M00027C.

The consistency flag variables are coded with the following values.

- 1 Consistent
Assigned to the flag variable (e.g., M00027CN EQ 1) if the responses to the related items are logically consistent.
- 2 Inconsistent
Assigned to the flag variable (e.g., M00027CN EQ 2) if the responses to the related items are logically inconsistent.
- ./-9 Missing

Assigned to the flag variable (e.g., M00027CN EQ '.') if all of the related items are missing (e.g., M00027A = M00027B = M00027C = '.') or when any of the related items' values are multiple response (e.g., M00027C = .A). See Notes 13, 54 and 55 in Table D-5 for more information on when the consistency flags are missing and whether the missing value is '.' or -9.

Special Codes for Skip Patterns

Coding steps 3 and 4 involve editing data to resolve discrepancies in skip patterns. Skip flags are created in step 3. Table D-3 introduced the general outline of the skip flags, but the specific flags for each skip pattern are specified in Table D-5.⁹ After the creation of all the skip flags in step 3, variables within the skip patterns are forward coded in step 4 to make them consistent with the variables that start the skip patterns. To preserve all data, the variables within skip patterns are first copied to a set of confidential variables. The naming convention for these variables is to start the name with “U” for Unedited. Table D-5 specifies how to assign the special values, listed in Table D-4, to variables within the skip patterns. While Table D-5 is organized to show all the edits for a skip pattern together, all step 3 edits are made prior to making any step 4 edits. The remainder of this section describes the logic behind coding of skip patterns.

While an analyst can ignore discrepancies between a respondent’s answer on an item containing a conditional direction to skip items and answers to those items, it is generally better to resolve the discrepancies. Two ways of resolving the discrepancies can be termed *backward* and *forward* coding. Backward coding¹⁰ involves correcting the discrepancy by editing back from the skip pattern items to make the initial question conform. Forward coding involves correcting the discrepancy by editing forward from the initial question to make the skip pattern items conform. Data for this survey are forward coded with data on the starting question accepted as marked and data for the items within the skip pattern edited to be consistent with the starting question.

If a starting item is marked in such a way that the respondent should skip, items within the skip pattern have certain *not-applicable* values assigned regardless of what the respondent marked on the items within the skip pattern. These values differentiate items with data missing because the item should have been skipped from items where data are missing because the respondent should have answered them but did not.

Table D-4 lists specific special values that are assigned when the reason for an item not being applicable can be defined and used across multiple items. A single item might have multiple codes for not-applicable—each uniquely identified with a separate reason identified in nested skip patterns. These special codes require an analyst to produce frequencies and examine the not-applicable values to make situation-by-situation decisions on which not-applicable codes to use in the calculation of percentages.

⁹ Table D-5 also provides special coding notes for other non-obvious codings. The coding note numbers are keyed to the Notes annotated on the survey instrument contained in Appendix A.

¹⁰ Backward coding has been used in other recent DMDC surveys, such as the 1995 Sexual Harassment Surveys (Status of the Armed Forces Surveys Forms A-C) and the 1996 Equal Opportunity Survey (Status of the Armed Forces Surveys Form D).

Table D-4
SAS and Flat File Not Applicable Codes

SAS File	Flat File	Description
.N	-6	<i>Not applicable</i> Used when NAs are typically <i>not</i> counted as valid responses. Also used to indicate not applicable for items that can take on valid values equal to two-digit not-applicable codes. For example, -6 is used instead of 66 to indicate not-applicable for M39 because 66 would be a valid response to that question.
60	60	<i>Not applicable</i> Used when NAs might be counted as valid responses.
61	61	<i>Does not apply, (M4),¹¹ I do not expect a promotion</i>
62	62	<i>Does not apply, (M4), I have no opportunities for promotion</i>
63	63	<i>Does not apply, (M11-15, M25-27), never mobilized/deployed in Guard/Reserve</i>
64	64	<i>Does not apply, (M11C, M112C), did not deploy</i>
65	65	<i>Does not apply, (M26-M27), no problems experienced as result of mobilized/deployed in Reserve/Guard</i>
66	66	<i>Does not apply, (M38, M44-M49), in a full-time active duty National Guard/Reserve program</i>
67	67	<i>Does not apply, (M44-M50), Individual Mobilization Augmentee (IMA)</i>
68	68	<i>Does not apply, (M66-M67), I am not now using or eligible for educational benefits as a result of military service</i>
69	69	<i>Does not apply, (M70-M71, S77-S78),¹² I have no medical/hospitalization coverage(s)</i>
70	70	<i>Does not apply, (M76-M77, S80-S81), I have no dental coverage(s)</i>
71	71	<i>Does not apply, (M79-M80), I am not actively considering changing, expanding, or getting dental insurance within the next year</i>
72	72	<i>Does not apply (M95-M96); I do not have any children aged 10 and older with whom I talk about post-high school options</i>

¹¹ M items are in RCS Form M (members).

¹² S items are in RCS Form S (spouses).

73	73	<i>Does not apply (M99-M101, S73-S75); I have never used a personal computer</i>
74	74	<i>Does not apply (M101, S75); I do not have access to the Internet/World Wide Web</i>
75	75	<i>Does not apply (M104-M112C); I am not currently married</i>
76	76	<i>Does not apply (M110-M112C); My current spouse has never served in the U.S. Armed Forces</i>
77	77	<i>Does not apply (M110); My spouse is currently an IMA, IRR, or ING</i>
78	78	<i>Does not apply (M110); My spouse is separated or retired from service</i>
79	79	<i>Does not apply (M112A-C, S90-S103); My spouse has never been mobilized or deployed as a member of the National Guard/Reserve</i>
80	80	<i>Does not apply (M115-M117, S24-S38); I do not have any dependents (not including my spouse)</i>
81	81	<i>Does not apply, (M123-M124, M166-M172), I am NOT in a full-time active duty National Guard/Reserve program</i>
82	82	<i>Does not apply, (M124-M147), I am in a full-time active duty National Guard/Reserve program AND did not have a civilian job in 1999</i>
83	83	<i>Does not apply, (M129-M147, S48-S51), during 1999 I did not do civilian work for pay</i>
84	84	<i>Does not apply, (M171-M172), I had no PCS moves while in the AGR/TAR/AR program</i>
85	85	<i>Does not apply, (S5-S9), I never served in U.S. Armed Forces</i>
86	86	<i>Does not apply, (S29-S38), I have no children under age 15 who usually live with me</i>
87	87	<i>Does not apply, (S29-S35), I was not working, looking for work, or in school</i>
88	88	<i>Does not apply, (S62-S70), I am not eligible to use commissaries and exchanges</i>
89	89	<i>Does not apply, (S96-S98), I did not file a TRICARE/CHAMPUS medical claim during my spouse's most recent mobilization or deployment</i>
90	90	<i>Does not apply, (M127), I had a civilian job throughout 1999</i>

91	91	<i>Does not apply, (M144), I did not attend National Guard/Reserve obligations in 1999</i>
92	92	<i>Does not apply, (M144), National Guard/Reserve obligations did not conflict with job</i>
93	93	<i>Does not apply, (M147), my civilian job was as a National Guard/Reserve military technician</i>
94	94	<i>Does not apply, (M99-M101, S73-S75), I have not used a personal computer in the last 12 months except for answering this survey</i>
95	95	<i>Does not apply, (M101, S75), I have not accessed the Internet/World Wide Web in the last 12 months except for answering this survey</i>

Table D-5
Special Coding Notes

Note Coding instructions and codebook specifications

1. **SRSVC1SK.** SRSVC1SK is a skip flag indicating whether SRSVC1 is answered consistently with the rest of the survey.

SRSVC1 value after first edit step	M00002A-M00179 values after first edit step	
	at least one NE -9	all EQ -9
8 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
1-7 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

2. **M00002A-M00002L.** If nothing is marked in any of M00002A-M00002L, then all of M00002A-M00002L are coded as missing (.). If at least one of M00002A-M00002L has an entry, then any of M00002A-M00002L without an entry is coded as zero (0).

M00002A-M00002L are edited and codebook pages for M00002A-M00002L note: “This field is not checked for unlikely values. Responses were not checked against record data for validity.”

3. **M00004SK, U00005, M00005.** M00004SK is a skip flag indicating whether M00004 is answered consistently with Question 5.

M00004 value after first edit step	M00005 value after first edit step	
	NE -9	EQ -9
61, 62 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
1-6 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00005 is equal to M00005, but is Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00004 = 61 then M00004SK and M00005 = 61 (Does not apply, I do not expect a promotion).

If M00004 = 62 then M00004SK and M00005 = 62 (Does not apply, I have no promotion opportunities)

4. **M00006.** M00006 is coded as the entry in the grid, or as 0 if the box was marked for *Less than 1 year*. If the box was marked for *Less than 1 year* and the entry in the grid is 0 or 00, then M00006 is coded as 0. If the box was marked for *Less than 1 year* and the entry in the grid conflicts (is greater than 0), then M00006 is coded as a multiple response error (-8). M00006 is edited and the codebook page for M00006 should note: “The field is not checked for unlikely values. Responses were not checked against record data for validity.”
5. **M00007SK, U00008A-U00009, M00008A-M00009.** M00007SK is a skip flag indicating whether M00007 is answered consistently with Questions 8 and 9.

M00007 value after first edit step	M00008A to M00009 values after first edit step	
	at least one NE -9	all EQ -9
1-3 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
4, 5 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00008A-U00009 are equal to M00008A-M00009, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00007 = 1, 2, or 3 then M00007SK and M00008A-M00009 = -6 (Not applicable).

6. **M00010SK, U00011AA-U00011AK, U00011BA-U00011BK, U00011CA-U00011CK, U00011DA-U00011DK, U00011JS, U00011KS, U00011SA-U00011SK, U00012, U00012-1, U00012SK, U00013, U00014A-U00014G, U00015A-U00015C, M00011AA-M00011AK, M00011BA-M00011BK, M00011CA-M00011CK, M00011DA-M00011DK, M00011JS, M00011KS, M00011SA-M00011SK, M00012, M00012-1, M00012SK, M00013, M00014A-M00014G, M00015A-M00015C.** M00010SK is a skip flag indicating whether M00010 is answered consistently with Questions 11-15.

M00010 value after first edit step	M00011AA to M00015C values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00011AA-U00015C are equal to M00011AA-M00015C, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00010 = 1 then M000010SK, M00011AA-M00011AK, M00011BA-M00011BK, M00011CA-M00011CK, M00011JS, M00011KS, M00011SA-M00011SK, M00012, M00012N, M00012SK, M00013, M00014A-M00014G, M00015A-M00015C = 63 (Does not apply, never mobilized/deployed in Guard/Reserve).

If M00010 = 1 then M00011DA-M00011DK = -6.

7. **M00011AA-AK, M00011BA-M00011BK, M00011CA-M00011CK, M00011DA-M00011DK, M00011JS, M00011KS, M00011SA-M00011SK.** M00011JS and M00011KS are separate specify flags indicating if entries were made in the boxes for M00011AJ and M00011AK, respectively.

M00011AJ or M00011AK value after first edit step	text in box	
	yes	no
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2	2 (Valid continuation)	4 (Invalid skip)
-8,-9	-2 (Missing continuation)	-9 (Missing skip)

M00011SA-M00011SK are skip flags indicating whether M00011AA-AK are answered consistently with columns B-D. For each of the military operations (a-k):

M00011A_ value after first edit step	M00011B_, M00011C_, M00011D_ values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If nothing is marked in any of M00011AA-M00011AK, then all of M00011AA-M00011AK are coded as missing (.). If at least one of M00011AA-M00011AK has an entry, then any of M00011AA-M00011AK without an entry is coded as one (1).

Do over A to K; If M00011A_ = 1 then M00011B_, M00011C_, M00011D_ = -6 (Not applicable).

Codebook pages for M00011DA-DK note: “This field was not checked for unlikely values nor was it checked against record data for validity.”

8. **M00012, M00012N, M00012SK.** M00012 has values of 1 (No), 2 (Yes). M00012N has values of 1-11 (for which operation specified), plus the missing codes in Table D-1. M00012SK is a skip flag indicating whether M00012 is answered consistently with M00012N.

M00012 value after first edit step	M00012N value after first edit step	
	in range 1-11	not in range 1-11
1 (implicit skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00012 = 1 then M00012N = -6 (Not applicable).

9. **M00022SK, U00023A-K, M00023A-K.** M00022SK is a skip flag indicating whether M00022 is answered consistently with Question M00023.

M00022 value after first edit step	M00023A-K values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00023A-K is equal to M00023A-K, but is Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00022 = 1 then M00023SK and M00023A-K = -6 (Not applicable).

10. **M00024SP.** M00024SP is a specify flag.

M00024V value after first edit step	text in box	
	yes	no
-6,1,99 (implicit skip)	3 (Invalid Continuation)	1 (Valid skip)
2,3,4,5 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8,-9	-2 (Missing continuation)	-9 (Missing skip)

11. **M00025SK, U00026A-U00026V, U0027A-U0027C, U00027CN, M0026A-M00026V, M0027ASP-M0027C, M00027CN.** M00025SK is a skip flag indicating whether M00025 is answered consistently with Questions 26 and 27.

M00025 value after first edit step	M00026A to M00027C values after first edit step	
	at least one NE -9	all EQ -9
1, 63 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00026A to U00027CN are equal to M00026A to M00027CN, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00025 = 63 then M00026A-M00027CN = 63 (Does not apply, never mobilized/deployed in Guard/Reserve).

If M00025 = 1 then M00026A-M00027CN = 65 (Does not apply, no problems experienced as a result of mobilized/deployed in Guard/Reserve).

12. **M00026A-M00026V.** M00026A-M00026V are coded as “Mark all that apply,” where 1 = Not Marked and 2 = Marked. If none of M00026A-M00026V are marked, then all of M00026A-M00026V = No Response (.).
13. **M00027A-M00027C, M00027CN.** M00027A -M00027C have values in range of 1-22, plus the missing codes in Table D-1. M00027CN is a consistency check for M00027A, M00027B, and M00027C. If (27A value equals 27B value or 27C value) or (27B value equals 27C value) then variable M00027CN is Inconsistent = 2. If (27A value does not equal 27B value or 27C value) and (27B value does not equal 27C value) then variable M00027CN is Consistent = 1. If 27A value is missing (.) or 27A value is multiple response (.A) or 27B value is missing (.) or 27B value is multiple response (.A) or 27C value is missing (.) or 27C value is multiple response (.A) then variable M00027CN is missing (.)
14. **M00028A-M00028R, M00028WA-M00028WR.** Question 28 is different in the paper and web versions. The codebook pages for M00028A-M00028R and M00028WA-M00028WR note: “M00028WA-M00028WR have a *Does not apply* response option that M00028A-M00028R do not have.”

If the respondent took the web version of the survey, then M00028A-M00028R are coded as items not on the form; see Table D-1. If the respondent took the paper version of the survey, then M00028WA-M00028WR are coded as items not on the form.

15. **M00032A-M00032D.** If nothing is marked in any of M00032A-M00032D, then all of M00032A-M00032D are coded as missing (.). If at least one of M00032A-M00032D has an entry, then any of M00032A-M00032D without an entry is coded as zero (0).

M00032A-M00032D are edited, and codebook pages for M00032A-M00032D note: “This field is not checked for unlikely values. Responses were not checked against record data for validity.”

16. **M00036SK, U00037A-B, M00037A-B.** M00036SK is a skip flag indicating whether M00036 is answered consistently with Question 37.

M00036 value after first edit step	M00037A-B value after first edit step	
	at least one NE -9	all EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2, -6 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00037A-B is equal to M00037A-B, but is Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00036 = 2 or -6 then M00037A-B = -6 (Not applicable).

17. **M00039, M00040.** M00039 is coded as the entry in the grid, or as 0 if the box was marked for *None*, or as -6 if the box was marked for *Does not apply, I am in a full-time active duty National Guard/Reserve program*. If the box was marked for *Does not apply*, and if the box was marked for *None* and/or the entry in the grid is 0 or 00, then M00039 is coded as -6. If the box was marked for *None* and the entry in the grid is 0 or 00, then M00039 is coded as 0. If the box was marked for *None* and the entry in the grid conflicts (is greater than 0), then M00039 is coded as a multiple response error (-8). If the box was marked for *Does not apply* and the entry in the grid is greater than 0, then M00039 is coded as a multiple response error (-8). If both boxes are unmarked and there is no entry for hours, then M00039 is coded as missing (-9). M0040 is coded in the same way. The codebook pages for M00039 and M00040 should note: “The field is not checked for unlikely values nor checked against record data for validity.”
18. **M00041.** M00041 is coded as the entry in the grid or as 0 if the box was marked for *None*. If the box was marked for *None* and the entry in the grid was 0, 00, or 000, then M00041 is coded as 0. If the box was marked for *None* and the entry in the grid conflicts (is greater than 0), then M00041 is coded as a multiple response error (-8). If the box is not marked and there is no entry for nights, then M00041 is coded as missing (-9). If the middle box does not have an entry, then M00041 is coded as incomplete (-4). M00041 is edited and the codebook page for M00041 should note: “The field is checked for impossible values; entries over 365 days are recoded to .O/-7. Responses were not checked against record data for validity.”

19. **M00043S1, U00044A-U00044T, U00045, U00046A-U00046Z, U00047-U00049, M00044A-M00044T, M00045, M00046A-M00046Z, M00047-M00049.** M00043S1 is a skip flag indicating whether the self-report variable M00043 is answered consistently with Questions 44 to 49. However, M00043S1 does not indicate consistency between the answers to Questions 44 to 49 and the final imputed variable XPROG.

M00043 value after first edit step	M00044A to M00049 values after first edit step	
	at least one NE -9	all EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2, 3 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00044A-U00044T, U00045, U00046A-U00046Z, U00047-U00049 are equal to M00044A-M00044T, M00045, M00046A-M00046Z, M00047-M00049, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If XPROG = 2, 3, or 6 then M00044A-M00044T, M00045, M00046A-M00046Z, M00047-M00049 = 66 (Does not apply, in a full-time active duty National Guard/Reserve program).

M00043S2, U00050, M00050. M00043S2 is a skip flag indicating whether M00043 is answered consistently with Question 50. However, M00043S2 does not indicate consistency between the answer to Question 50 and the final imputed variable XPROG.

M00043 value after first edit step	M00050 value after first edit step	
	NE -9	EQ -9
1, 2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
3 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00050 is equal to M00050, but is Unedited for forward coding of nonapplicable response values. After creating the unedited variable:

If XPROG = 5 then M00044A-M00044T, M00045, M00046A-M00046Z, M00047-M00050 = 67 (Does not apply, Individual Mobilization Augmentee).

20. **M0053AAA- M0053ABQ, M0053UAA- M0053UBQ.** Items 53A-Q ask about usage of 17 military on-installation programs, facilities, or services and civilian off-installation programs, facilities, or services. Two sets of variables are created: M0053A__ and M0053U__. M0053AAA-M0053ABQ are coded as 1 (Available) if the respondent marks a frequency of use or 2 (Not available) if the respondent marks *Not available*. M0053UAA- M0053UBQ represent frequency of use *if the programs are available*, and are coded 1 (for 0 times) to 5 (for 12+ times) or -6 if the respondent marked *Not available*.) Except for the -6, standard codes (e.g., -9/., -8/.A, -1/.B) that are applied to a Use variable (M0053UAA- M0053UBQ) are also applied to the corresponding Availability variable (M0053AAA- M0053ABQ).
21. **M00065SK, U00066A-U00066F, U00067A-U00067D, M00066A-M00066F, M00067A-M00067D.** M00065SK is a skip flag indicating whether M00065 is answered consistently with Questions 66 and 67.

M00065 value after first edit step	M00066A to M00067D values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00066A-U00066F, U00067A-U00067D are equal to M00066A-M00066F, M00067A-M00067D, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00065 = 1 then M00066A-M00066F and M00067A-M00067D = 68 (Does not apply, I am not using or eligible for educational benefits as a result of military service).

22. **M00069SK, U00070A-U00070G, U00071, M00070A-M00070G, M00071.** M00069SK is a skip flag indicating whether M00069 is answered consistently with Questions 70 and 71.

M00069 value after first edit step	M00070A to M00071 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00070A-U00070G and U00071 are equal to M00070A-M00070G and M00071, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00069 = 1 then M00070A-M00070G and M00071 = 69 (Does not apply, I have no medical/hospitalization coverage(s)).

23. **M00075SK, U00076A-U00076F, U00077, M00076A-M00076F, M00077.** M00075SK is a skip flag indicating whether M00075 is answered consistently with Questions 76 and 77.

M00075 value after first edit step	M00076A to M00077 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00076A-U00076F and U00077 are equal to M00076A-M00076F and M00077, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00075 = 1 then M00076A-M00076F and M00077 = 70 (Does not apply, I have no dental coverage).

24. **M00078SK, U00079-U00080, M00079-M00080.** M00078SK is a skip flag indicating whether M00078 is answered consistently with Questions 79 and 80-.

M00078 value after first edit step	M00079 to M00080 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00079-U00080 are equal to M00079-M00080, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00078 = 1 then M00079-M00080 = 71 (Does not apply, I am not actively considering changing, expanding, or getting dental insurance within the next year).

25. **SRHISPA1, SRHISPA2.** SRHISPA1 is the standard variable for Hispanic descent, also appearing in the 1999 Active Duty Survey. Its values are: 1 (No, not Spanish/Hispanic/Latino), 2 (Yes, Mexican, Mexican American, Chicano), 3 (Yes, Puerto Rican), 4 (Yes, Cuban), 5 (Yes, other Spanish/Hispanic/Latino), and the standard codes for missing.

SRHISPA2 is a newly constructed variable indicating simply whether a respondent did/did not indicate Hispanic descent, and is inclusive of cases where more than one Hispanic type may have been marked. The codebook page for SRHISPA2 should note: “This item differs from DMDC standard items SRHISP and SRHISPA1 in that it permits multiple responses when all the responses marked are for different Hispanic types.” SRHISPA2 is coded as follows:

1 = respondent marks “No, not Spanish/Hispanic/Latino”

2 = respondent marks one or more of the “Yes” responses, but not the “No” response

. = respondent does not mark any response

.A = respondent marks the “No” response, but also one or more of the “Yes” responses (unlike SRHISPA1 where .A is also assigned for multiple “Yes” responses even if “No” is not marked)

26. **SRRACEA-SRRACEF, SRRETH1.** The codebook pages for SRRACEA- SRRACEF should note: “These items are consistent with the ‘1997 Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity’ and the 2000 Decennial Census.” SRRACEA-SRRACEF are coded as “Mark all that apply” items, where 1=Not marked and 2=Marked. SRRACEA indicates whether the “White” response category was marked, SRRACEB indicates whether the “Black or African-American” response category was marked, SRRACEC indicates whether “American Indian or Alaska Native” was marked, SRRACED indicates whether “Asian” was marked, SRRACEE indicates whether “Native Hawaiian or other Pacific Islander” was marked, and SRRACEF indicates whether “Some other race” was marked. If none are marked then all of SRRACEA-SRRACEF are assigned -9 (missing).

SRRETH1 implements the October 1997 standards for reporting Federal data on race and ethnicity. SRRETH1 groups the responses to SRRACEA-SRRACEF into racial/ethnic categories, which include multi-racial combinations. The categories are broken down by whether or not the respondent indicates Hispanic descent (from variable SRHISPA2, described above). Each verbal description in the “RACIAL CATEGORY” column of the chart below is preceded by an H for “Hispanic” if the respondent has a value of 2 for SRHISPA2, and by a NH for “Non-Hispanic” if SRHISPA has the value of 1. The columns to the right of the descriptions show the Hispanic and race/ethnicity codes matching each description.

The coding for SRRETH1 follows the coding provided in the chart. For example, Hispanic single-race respondents who mark only one of SRRACEA-SRRACEF are

assigned the corresponding code (1 to 6) from the racial/ethnic categories. Hispanics selecting more than one race are coded 7. The categories for Non-Hispanics are similar, except that some specific racial combinations form their own categories (codes 15-18). The remaining racial combinations reported by Non-Hispanics are coded 19. Non-Hispanics reporting no race are coded as missing (-9).

CODE	RACIAL CATEGORY (SRRETH1)	SR-HISPA2	SR-RACEA	SR-RACEB	SR-RACEC	SR-RACED	SR-RACEE	SR-RACEF
1	H American Indian or Alaska Native	2	1	1	2	1	1	1
2	H Asian	2	1	1	1	2	1	1
3	H Black or African American	2	1	2	1	1	1	1
4	H Native Hawaiian or Other Pacific Islander	2	1	1	1	1	2	1
5	H White	2	2	1	1	1	1	1
6	H Some other race	2	1	1	1	1	1	2
7	Hispanic/Latino reporting more than one race	2	(Any combination of more than one 2 in SRRACEA-F)					
8	H Unknown race	2	-9	-9	-9	-9	-9	-9
9	NH American Indian or Alaska Native	1	1	1	2	1	1	1
10	NH Asian	1	1	1	1	2	1	1
11	NH Black or African American	1	1	2	1	1	1	1
12	NH Native Hawaiian or Other Pacific Islander	1	1	1	1	1	2	1
13	NH White	1	2	1	1	1	1	1
14	NH Some other race	1	1	1	1	1	1	2
15	NH American Indian or Alaska Native & White	1	2	1	2	1	1	1
16	NH Asian & White	1	2	1	1	2	1	1
17	NH Black or African American & White	1	2	2	1	1	1	1
18	NH American Indian or Alaska Native & Black or African American	1	1	2	2	1	1	1
19	NH Balance of individuals reporting more than one race	1	(Any other combination of more than one 2 in SRRACEA-F)					

27. **SRRACESP**. SRRACESP is a specify flag.

SRRACESP value after first edit step	text in box	
	yes	No
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (direction to specify)	2 (Valid continuation)	4 (Invalid skip)
-8,-9	-2 (Missing continuation)	-9 (Missing skip)

28. **SRED, M00090**. When more than one education level is marked in response to Questions 89 or 90, the corresponding variable (SRED or M00090) is coded as multiple response error (-8/.A).
29. **M00092A-F**. Codebook pages for M00092A-F should note that: “At least two items in Question 92 (C and D) logically require a response option of *Does not apply*. Nonresponse (Invalid skips) may be higher than usual for these items since there was no way for a respondent to say that the item did not apply.”
30. **M00093A1-M00093A5, M00093B1-M00093B5, 00093C1-M00093C5, M00093D1-M00093D5, M00093E1-M00093E5, M00093F1-M00093F5, M00093A-M00093F**. M00093A1-M00093A5, M00093B1-M00093B5, 00093C1-M00093C5, M00093D1-M00093D5, M00093E1-M00093E5, M00093F1-M00093F5 are mark-all items that are coded as 2 for marked and 1 for not marked. M00093A is constructed such that if any of M00093A2-M00093A5 are marked then M00093A = 2, else M00093A = 1. M00093B-M00093F are constructed in the same fashion. Codebook pages for M00093A1-M00093A5, M00093B1-M00093B5, 00093C1-M00093C5, M00093D1-M00093D5, M00093E1-M00093E5, M00093F1-M00093F5 and M00093A-M00093F should note that: “At least two items in Questions 93 (C and D) logically require a response option of not applicable. Because there is no way to distinguish item nonresponse from not applicable, a percentage based on this variable may be a low estimate.”
31. **M00094SK, U00095, U00096A-U00096G, M00095, M00096A-M00096G**. M00094SK is a skip flag indicating whether M00094 is answered consistently with Questions 95 and 96.

M00094 value after first edit step	M00095 to M00096G values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00095 and U00096A-U00096G are equal to M00095 and M00096A-M00096G, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00094 = 1 then M00095, U00096A-M00096G = 72 (Does not apply, I do not have any children aged 10 and older with whom I talk about post-high school options).

32. **M00098, M00098SK, U00099A-U00099I, U00100, U00100SK, U00101, M00099A-M00099I, M00100, M00100SK, M00101.** Questions 98 and 100 are different in the paper and web versions. M00098SK is a skip flag in the paper survey indicating whether M00098 is answered consistently with Questions 99-101.

M00098 value after first edit step	M00099A to M00101 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00099A-U00099I, U00100, U00100SK and U00101 are equal to M00099A-M00099I, M00100, M00100SK and M00101, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00098 = 1 then M00099A-M00099I, M00100, M00100SK and M00101 = 73 (Does not apply, I have never used a personal computer).

M00100SK, M00101. M00100SK is a skip flag in the paper survey indicating whether M00100 is answered consistently with Question 101.

M00100 value after first edit step	M00101 value after first edit step	
	NE -9	EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00100 = 1 then M00101 = 74.

If the respondent took the paper version of the survey, then M00098WA-M00098WD, M00098WS, U00100WA-U00100WD, U00100WS, M00100WA-M00100WD, and M00100WS are coded as items not on the form; see Table D-1.

33. **M00098WS, U00099A-U00099I, U00100, U00100WS, U00101, M00099A-M00099I, M00100WA-M00100WD, M00100WS, M00101.** M00098WS is a skip flag in the web survey indicating whether M00098WD is answered consistently with Questions 99-101.

M00098WD value after first edit step	M00099A to M00100WD, M00101 values after first edit step	
	at least one NE -9	all EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00098WA- U00098WD, U00099A-U00099I, U00100WA-U00100WD, U00100WS and U00101 are equal to M00098WA- M00098WD, M00099A-M00099I, M00100WA-M00100WD, M00100WS and M00101, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00098WD = 2 then M00099A-M00099I, M00100WA-M00100WD, M00100WS and M00101 = 94 (Does not apply, I have not used a personal computer in the last 12 months except for answering this survey).

If M00098WD = 2 then M00098WA and M00098WB and M00098WC = 1.

M00100WS, M00101. M00100WS is a skip flag in the web survey indicating whether M00100WD is answered consistently with Question 101.

M00100WD value after first edit step	M00101 value after first edit step	
	NE -9	EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00100WD = 2 then M00101 = 95.

If M00100WD = 2 then M00100WA and M00100WB and M00100WC = 1.

If the respondent took the web version of the survey, then M00098, M00098SK, U00100, U00100SK, M00100, and M00100SK are coded as items not on the form; see Table D-1.

34. **SRMARSSK, U00103, U00104A-U00104O, U00105-U00109, U00109S1, U00109S2, U00110-U00111, U00111SK, U00112AA-U00112AK, U00112BA-U00112BK, U00112CA-U00112CK, U00112DA-U00112DK, U00112JS, U00112KS, U00112SA-U00112SK, M00103, M00104A-M00104O, M00105-M00109, M00109S1, M00109S2, M00110-M00111, M00111SK, M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112DA-M00112DK, M00112JS, M00112KS, M00112SA-M00112SK.** SRMARSSK is a skip flag indicating whether the self-report variable SRMARST is answered consistently with Questions 103-112. However, SRMARSSK does not indicate consistency between the answers to Questions 103-112 and the final imputed variable XMIMPM.

SRMARST value after first edit step	M00103 to M00112SK values after first edit step	
	at least one NE -9	all EQ -9
1, 2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
3, 4, 5 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00103, U00104A-U00104O, U00105-U00109, U00109S1, U00109S2, U00110-U00111, U00111SK, U00112AA-U00112AK, U00112BA-U00112BK, U00112CA-U00112CK, U00112DA-U00112DK, U00112JS, U00112KS and U00112SA-U00112SK are equal to M00103, M00104A-M00104O, M00105-M00109, M00109S1, M00109S2, M00110-M00111, M00111SK, M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112DA-M00112DK, M00112JS, M00112KS, M00112SA-M00112SK, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If SRMARST = 3, 4, or 5 then M00109S1, M00109S2, M00111SK, M00112SA-M00112SK, M00112JS and M00112KS = 75 (Does not apply, I am not currently married).

If XMIMPM = 2 then M00104A-M00104O, M00105-M00109, M00110-M00111, M00112AA-M00112AK, M00112BA-M00112BK and M00112CA-M00112CK = 75 (Does not apply, I am not currently married).

If XMIMPM = 2 then M00103 and M00112DA-M00112DK = -6 (Not applicable).

35. **M00103.** M00103 is coded as the entry in the grid, or as 0 if the box was marked for Less than one year. If the box was marked for Less than one year and the entry in the grid is 0 or 00, then M00103 is coded as 0. If the box was marked for Less than one year and the entry in the grid conflicts (is greater than 0), then M00103 is coded as a multiple response error (-8). M00103 is unedited and the codebook page for M00103 should note: “The responses were not checked for unlikely nor impossible values. Responses were not checked against record data for validity.”
36. **M00109S1, M00110.** M00109S1 is a skip flag indicating whether M00109 is answered consistently with Question 110.

M00109 value after first edit step	M00110 value after first edit step	
	NE -9	EQ -9
2-4 (continuation)	2 (Valid continuation)	4 (Invalid skip)
1, 5, 6 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00109 = 1 then M00110 = 76 (Does not apply, My current spouse has never served in the U.S. Armed Forces).

If M00109 = 5 then M00110 = 77 (Does not apply, My spouse is currently an IMA, IRR, or ING).

If M00109 = 6 then M00110 = 78 (Does not apply, My spouse is separated or retired from service).

M00109S2, M00111, M00111SK, M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112DA-M00112DK, M00112JS, M00112KS, M00112SA-M00112SK. M00109S2 is a skip flag indicating whether M00109 is answered consistently with Questions 110-112.

M00109 value after first edit step	M00111 to M00112DK values after first edit step	
	at least one NE -9	all EQ -9
2-6 (continuation)	2 (Valid continuation)	4 (Invalid skip)
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00109 = 1 then M00111, M00111SK, M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112JS, M00112KS and M00112SA-M00112SK = 76.

If M00109 = 1 then M00112DA-M00112DK = -6 (Not applicable).

37. **M00111SK, M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112DA-M00112DK, M00112JS, M00112KS, M00112SA-M00112SK.** M00111SK is a skip flag indicating whether M00111 is answered consistently with Question 112.

M00111 value after first edit step	M00112AA to M00112DK values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00111 = 1 then M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112JS, M00112KS and M00112SA-M00112SK = 79.

If M00111 = 1 then M00112DA-M00112DK = -6 (Not applicable).

38. **M00112AA-M00112AK, M00112BA-M00112BK, M00112CA-M00112CK, M00112DA-M00112DK, M00112JS, M00112KS, M00112SA-M00112SK.** M00112JS and M00112KS are separate specify flags indicating if entries were made in the boxes for M00112AJ and M00112AK, respectively.

M00112AJ and M00112AK value after first edit step	text in box	
	yes	No
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2	2 (Valid continuation)	4 (Invalid skip)
-8,-9	-2 (Missing continuation)	-9 (Missing skip)

M00112SA-M00112SK are skip flags indicating whether M00112AA-AK are answered consistently with columns B-D. For each of the operations (a-k):

M00112A_ value after first edit step	M00112B_, M00112C_, M00112D_ values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If nothing is marked in any of M000112AA-M000112AK, then all of M000112AA-M000112AK are coded as missing (.). If at least one of M000112AA-M000112AK has an entry, then any of M000112AA-M000112AK without an entry is coded as one (1).

Do over A to K; If M00112A_ = 1 then M00112B_, M00112C_, M00112D_ = -6 (Not applicable).

Codebook pages for M00112DA-DK note: “This field was not checked for unlikely values nor was it checked against record data for validity.”

39. **M00114SK, U00115A-U00115B, U00116-U00117, U00118A-U00118G, U00119A-U00119G, M00115A-M00115B, M00116-M00117, M00118A-M00118G, M00119A-M00119G.** M00114SK is a skip flag indicating whether M00114 is answered consistently with Questions 15-19.

M00114 value after first edit step	M00115A to M00119G values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00115A-U00115B, U00116-U00117, U00118A-U00118G and U00119A-U00119G are equal to M00115A-M00115B, M00116-M00117, M00118A-M00118G and M00119A-M00119G, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00114 = 1 then M00115A-M00115B and M00116-M00117 = 80 (Does not apply, I do not have any dependents (not including my spouse)).

If M00114 = 1 then M00118A-M00118G and M00119A-M00119G = 0.

40. **M00118A-M00118G, M00119A-M00119G.** M00118A-M00118G and M00119A-M00119G are coded 0 if there is no entry (or an entry of “0”). If all of M00118A-M00118G are coded 0, then all are re-coded missing (-9/). If all of M00119A-M00119G are coded 0, then all are re-coded missing (-9/). [Note that these will be forward coded to 0 if M00114 = 1.] An entry greater than 9 in any box should be recoded to 9. Codebook pages for M00118A-M00118G and M00119A-M00119G should note “This field was recoded such that any entries above 9 were recoded to 9. This field was not checked against record data for validity.”

41. **M00120SK, U00120N, U00121, M00120, M00120N, M00121.** M00120N is coded missing (-9) if no entry was made. M00120SK is a skip flag indicating whether Question 120 is answered consistently internally and with Question 121.

M00120 value after first edit step	M00120N to M00121 value after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00120N and U00121 are equal to M00120N and M00121, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00120 = 1 then M00120N = 0.

If M00120 = 1 then M00121 = -6 (Not applicable).

42. **M00122SK, U00123, U00123SK, U00124, M00123, M00123SK, M00124.** M00122SK is a skip flag indicating whether the self-report variable M00122 is answered consistently with Questions 123-124. However, M00122SK does not indicate consistency between the answers to Questions 123-124 and the final imputed variable XPROG.

M00122 value after first edit step	M00123 & M00124 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00123, U00123SK and U00124 are equal to M00123, M00123SK and M00124, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00122 = 1 then M00123SK = 81 (Does not apply, I am NOT in a full time active duty National Guard/Reserve program).

If XPROG = 1, 4, or 5 then M00123 and M00124 = 81 (Does not apply, I am NOT in a full time active duty National Guard/Reserve program).

43. **M00123SK, U00124, U00125A-U00125E, U00126A-U00126P, U00127, U00128, U00128SK, OCC99CD, U00132-U00133, U00134A-U00134G, U00135-U00137, U00137SK, U00138, U00139A-U00139-H, U00140, U00140SK, U00141A-U00141G, U00142, U00143, U00143SK, U00144A-U144C, U00145A-U00145C, U00146A-U00146D, U00147, M00124, M00125A-M00125E, M00126A-M00126P, M00127, M00128, M00128SK, OCC99CD, M00132-M00133, M00134A-M00134G, M00135-M00137, M00137SK, M00138, M00139A-M00139-H, M00140, M00140SK, M00141A-M00141G, M00142, M00143, M00143SK, M00144A-M144C, M00145A-M00145C, M00146A-M00146D, M00147.** M00123SK is a skip flag indicating whether M00123 is answered consistently with Questions 124-147.

M00123 value after first edit step	M00124 to M00147 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00123 = 1 then M00124, M00125A-M00125E, M00126A-M00126P, M00128, M00128SK, M00132-M00133, M00134A-M00134G, M00137, M00137SK, M00139A-M00139-H, M00140, M00140SK, M00141A-M00141G, M00142, M00143, M00143SK, M00144A-M144C, M00145A-M00145C, M00146A-M00146D and M00147 = 82 (Does not apply, I am in a full-time active duty National Guard/Reserve program AND did not have a civilian job in 1999).

If M00123 = 1 then M00127, OCC99CD, M00135-M00136 and M00138 = -6 (Not applicable).

44. **M00124.** Codebook page for M00124 should note: “This questions was to have been answered by all members except those in full-time active duty programs who did not have a civilian job in 1999. But because of an error in the printed skip direction in Question 122, Question 124 was to be answered only by members in a full-time active duty reserve program who had a civilian job in 1999.”

45. **M00127.** M00127 is coded as the entry in the grid, or as 52 if the box was marked for The entire year, or as 90 if the box was marked for Not applicable, I had a civilian job throughout 1999. If the box was marked for The entire year and the entry in the grid is 52, then M00127 is coded as 52. If the box was marked for Not applicable, I had a civilian job throughout 1999 and the entry in the grid is 0 or 00, then M00127 is coded as 90. If the box was marked for The entire year and the entry in the grid conflicts (does not equal 52), then M00127 is coded as a multiple response error (-8). If the box was marked for Not applicable, I had a civilian job throughout 1999, and if the box was marked for The entire year and/or there is an entry in the grid, then M00127 is coded as a multiple response error (-8). If no box was marked and there is no entry for weeks, then M00127 is coded as missing (-9).

The codebook page for M00127 notes: “The field is checked for impossible values; entries up to 52 weeks are accepted as valid, values over 52 weeks are recoded to .O/-7.”

46. **M00128SK, OCC99CD, M00132-M00133, M00134A-M00134G, M00135-M00137, M00137SK, M00138, M00139A-M00139-H, M00140, M00140SK, M00141A-M00141G, M00142, M00143, M00143SK, M00144A-M00144C, M00145A-M00145C, M00146A-M00146D, M00147.** M00128SK is a skip flag indicating whether M00128 is answered consistently with Questions 129-147.

M00128 value after first edit step	OCC99CD to M00147 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00128 = 1 then M00132-M00133, M00134A-M00134G, M00137, M00137SK, M00139A-M00139H, M00140, M00140SK, M00141A-M00141G, M00142, M00143, M00143SK, M00144A-M00144C, M00145A-M00145C, M00146A-M00146D and M00147 = 83 (Does not apply, during 1999 I did not do civilian work for pay).

If M00128 = 1 then OCC99CD, M00135-M00136 and M00138 = -6 (Not applicable).

47. **OCC99CD.** Codebook page for OCC99CD should note: “Questions 129-131 were based on item in the 2000 Decennial Census. Entries were coded to the 2000 Bureau of the Census Occupation Codes. Codes too numerous to list.”
48. **M00134A-M00134G.** M00134A-M00134G are coded as a mark-all-that-apply, with a mark coded as 2 and no mark coded as 1. If none are marked then all are coded as missing (-9).
49. **M00135-M00136.** Codebook pages for M00135-M00136 should note: “This field is not checked for unlikely values. The values for number of weekly hours may range as high as 99.”
50. **M00137SK, M00138, M00139A-M00139H.** M00137SK is a skip flag indicating whether M00137 is answered consistently with Questions 138 and 139.

M00137 value after first edit step	M00138 to M00139H values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00137 = 1 then M00138 and M00139A-M00139H = -6 (Not applicable).

51. **M00138.** The codebook page for M00138 should note: “The field is checked for unlikely values; entries up to 52 weeks are accepted as valid. Values over 52 weeks are recoded to .O/-7.”
52. **M00140SK, M00141A-G.** M00140SK is a skip flag indicating whether M00140 is answered consistently with Question 141.

M00140 value after first edit step	M00141A-G values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00140 = 1 then M00141A-M00141G = -6 (Not applicable).

53. **M00143SK, M00144A-M00144C, M00145A-M00145C.** M00143SK is a skip flag indicating whether M00143 is answered consistently with Questions 144-145.

M00143 value after first edit step	M00144A to M00145C values after first edit step	
	at least one NE -9	all EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00143 = 2 then M00144A-M00144C and M00145A-M00145C = -6 (Not applicable).

54. **M00148A-M00148C.** M00148A-M00148C are coded in edit step 1 as specially treated “Mark-all-that-apply” items: 1 (Not marked) or 2 (Marked). If none of M00148A-M00148C are marked, then all are re-coded as missing (-9). If M00148A appeared to be marked and either or both of M00148B and M00148C appeared to be marked, then these items were visually inspected to see which appeared truly to be marked and which appeared to be erasures or blackouts. If M00148A still appeared to be marked and either or both of M00148B and M00148C also appeared truly to be marked and not erased or blacked out, then the codes for marked were let stand.

M00148CN, M00148SK, U00148B-U00148C, U00149A-U00149F, U00149CN, U00150A-U00150D, U00151, M00148B-M00148C, M00149A-M00149F, M00149CN, M00150A-M00150D, M00151. M00148CN is a consistency flag indicating whether Question 148 is answered with internal consistency (M00148CN = 1) or inconsistency (M00148CN = 2).

If M00148A = 1 and M00148B = 2 and M00148C = 2 then M00148CN = 1.

If M00148A = 1 and (M00148B = 2 or M00148C = 2) then M00148CN = 1.

If M00148A = 2 and (M00148B = 2 or M00148C = 2) then M00148CN = 2.

If M00148A = 2 and M00148B = 1 and M00148C = 1 then M00148CN = 1.

If M00148A = -9 and M00148B = -9 and M00148C = -9 then M00148CN = -9.

M00148A value after first edit step	M00148B-M00148C values after first edit step	
	at least one EQ 2	both EQ 1
1 (continuation)	1 (Consistent)	*
2 (direction to skip)	2 (Inconsistent)	1 (Consistent)

*Note. M00148A-M00148C cannot all equal 1. If all are unmarked they are re-coded as missing (-9) and M00148CN also is missing (-9).

M00148SK is a skip flag indicating whether M00148 is answered consistently with Questions 149-151.

M00148A value after first edit step	M00149A to M00151 values after first edit step	
	at least one NE -9	all EQ -9
1 (continuation)	2 (Valid continuation)	4 (Invalid skip)
2 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00148B-U00148C, U00149A-U0049F, U00149SK, U00150A-U00150D and U00151 are equal to M00148B-M00148C, M00149A-M0049F, M00149CN, M00150A-M00150D and M00151, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00148A = 2 then M00148B and M00148C = 1.

If M00148A = 2 then M00149A-M0049F, M00149CN, M00150A-M00150D and M00151 = -6 (Not applicable).

55. **M00149CN, M00149A-M00149F.** M00149A-M00149F are coded in edit step 1 as a “Mark-all-that-apply” question: 1 (Not marked) or 2 (Marked). If none of M00149A-M00148F are marked, then all are coded as missing (-9). M00149CN is a consistency flag indicating whether Question 149 is answered consistently internally.

M00149F value after first edit step	M00149A to M00149E values after first edit step	
	at least one EQ 2	all EQ 1
1 (continuation)	1 (Consistent)	*
2 (implicit skip)	2 (Inconsistent)	1 (Consistent)

*Note. M00149A-M00149F cannot all equal 1. If all are unmarked they are re-coded as missing (-9) and M00149CN also is missing (-9).

If M00149F = 2 then M00149A to M00149E = 1.

56. **M00159A-M00159F.** The codebook pages for M00159A-M00159F should note: “This field is not checked for unlikely values. The values for average monthly cost may range as high as \$9,999.” If the middle box does not have an entry, then M00159 is coded as incomplete (-4).
57. **M00163SK, U00164, M00164.** M00163SK is a skip flag indicating whether M00163 is answered consistently with Question 164.

M00163 value after first edit step	M00164 value after first edit step	
	NE -9	EQ -9
1 or 2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
3, 4, or 5 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00164 is equal to M00164, but is Unedited for forward coding of nonapplicable response values. After creating the unedited variable:

If M00163 = 3, 4, or 5 then M00164 = -6 (Not applicable).

58. **M00164.** M00164 is coded as the entry in the grid, or as 0 if the box was marked for *Less than one year*. If the box was marked for *Less than one year* and the entry in the grid is 0 or 00, then M00164 is coded as 0. If the box was marked for *Less than one year* and the entry in the grid conflicts (is greater than 0), then M00164 is coded as a multiple response error (-8). The codebook page for M00164 should note: “This field is not checked for unlikely values. The values for number of years may range as high as 99.”
59. **M00165SK, U00166A-U00166H, U00167-U00170, U00170SK, U00171A-U00171P, U00172, M00166A-M00166H, M00167-M00170, M00170SK, M00171A-M00171P, M00172.** M00165SK is a skip flag indicating whether the self-report variable M00165 is answered consistently with Questions 166-172. However, M00165SK does not indicate consistency between the answers to Questions 166-172 and the final imputed variable XPROG.

M00165 value after first edit step	M00166A to M00172 values after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00166A-U00166H, U00167-U00170, U00170SK, U00171A-U00171P and U00172 are equal to M00166A-M00166H, M00167-M00170, M00170SK, M00171A-M00171P and M00172, but are Unedited for forward coding on nonapplicable response values. After creating the unedited variables:

If M00165 = 1 then M00170SK = 81 (Does not apply, I a NOT in a full-time active duty National Guard/Reserve program).

If XPROG = 1, 4, or 5 then M00166A-M00166H, M00167, and M00171A-M00171P = 81(Does not apply, I a NOT in a full-time active duty National Guard/Reserve program).

If XPROG = 1, 4, or 5 then M00168-M00170 and M00172 = -6 (Not applicable).

60. **M00168, M00169.** M00168 is coded as the entry in the grid, or as 0 if the box was marked for *Less than one month*. If the box was marked for *Less than one month* and the entry in the grid is 0 or 00, then M00168 is coded as 0. If the box was marked for *Less than one month* and the entry in the grid conflicts (is greater than 0), then M00168 is coded as a multiple response error (-8). M00169 is coded the same way. The codebook pages for M00168 and M00169 should note: “This field is not checked for unlikely values. The values for number of months may range as high as 99.”
61. **M00170, M00170SK, M00171A-M00171P, M00172.** M00170 is coded as the entry in the grid or as 0 if the box was marked for *None*. If the box was marked for *None* and the entry in the grid was 0, 00, or 000, then M00170 is coded as 0. If the box was marked for *None* and the entry in the grid conflicts (does not equal 0), then M00170 is coded as a multiple response error (-8). If the box is not marked and there is no entry for *PCS moves*, then M00170 is coded as missing (-9). M00170SK is a skip flag indicating whether M00170 is answered consistently with Questions 171-172.

M00170 value after first edit step	M00171A to M00172 values after first edit step	
	at least one NE -9	all EQ -9
0 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
1-99 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

If M00170 = 0 then M00171A-M00171P = 84 (Does not apply, I had no PCS moves while in the AGR/TAR/AR program.

If M00170 = 0 then M00172 = -6 (Not applicable).

The codebook page for M00170 should note: “This field is not checked for unlikely values. The values for number of PCS moves may range as high as 99.”

62. **M00172.** M00172 is coded as the entry in the grid, or as -6 if the box was marked for *Does not apply, had no spouse/dependents when I PCS'd*. If the box was marked for *Does not apply, had no spouse/dependents when I PCS'd*, and if the entry in the grid is 0 or 00, then M00172 is coded as -6. If the box was marked for *Does not apply, had no spouse/dependents when I PCS'd*, and the entry in the grid conflicts (is greater than 0), then M00172 is coded as a multiple response error (-8). If the box is unmarked and there is no entry for PCS moves, then M00172 is coded as missing (-9). The codebook page for M00172 should note: "This field is not checked for unlikely values. The values for number of PCS moves may range as high as 99."
63. **M00173S1, M00173S2, U00174A-U00174C, U00175A-U00175H, M00174A-M00174C, M00175A-M00175H.** M00173S1 is a skip flag indicating whether M00173 is answered consistently with Question 174.

M00173 value after first edit step	M00174A to M00174C value after first edit step	
	at least one NE -9	all EQ -9
1 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
2 (continuation)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

M00173S2 is a skip flag indicating whether M00173 is answered consistently with Question 175.

M00173 value after first edit step	M00175A to M00175H values after first edit step	
	at least one NE -9	all EQ -9
2 (implicit skip of Question 175)	3 (Invalid Continuation)	1 (Valid skip)
1 (direction to go to Question 175)	2 (Valid continuation)	4 (Invalid skip)
-8, -9	-2 (Missing continuation)	-9 (Missing skip)

U00174A-U00174C and U00175A-U00175H are equal to M00174A-M00174C and M00175A-M00175H, but are Unedited for forward coding of nonapplicable response values. After creating the unedited variables:

If M00173 = 1 then M00174A-M00174C = 0.

If M00173 = 2 then M00175A-M00175H = -6 (Not applicable).

64. **M00174SK, M00175A-M00175H.** M00174SK is a skip flag indicating whether M00174 is answered consistently with Question 175.

M00174A to M00174C values after first edit step	M00175A to M00175H value after first edit step	
	at least one NE -9	all EQ -9
any GT 0 (direction to skip)	3 (Invalid Continuation)	1 (Valid skip)
all EQ 0 (continuation)	2 (Valid continuation)	4 (Invalid skip)
all EQ -9	-2 (Missing continuation)	-9 (Missing skip)

(If M00173 = -8 or -9) and (M00174A GT 0 or M00174B GT 0 or M00174C GT 0)
then M00175A-M00175H = -6 (Not applicable).

65. **REQUEST.** Request has two codes.

2 address provided

1 address not provided

66. **SRDATE1.** See Table D-2 for coding. The dates are formatted YYYYMMDD. The codebook page for SRDATE should note: "Values not checked for valid range."

67. **COMMENT.** Comment has two codes.

2 Text entered

is assigned if something substantive is written in the space provided for comments.

1 Text not entered

is assigned if nothing is written in the space provided for comments, or if what is written is either an unintelligible entry (e.g., lines, squiggles, or multiple *XXXs*) or a negative reply (e.g., *nothing*, *none*, *no*, *NA*, or *not applicable*).

APPENDIX E

ALPHABETICAL VARIABLE LIST FOR THE SURVEY ANALYSIS FILES

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VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
ACC_PGM		Officer Source of Commission	1091-1092
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AD1F0*		FS Unk Elig NonRespons Adj Factor	1833
AD1W0*		FS Unk Elig NonResponse Adj Weight	1834
AD2F0*		FS Elig NonRespondent Adj Factor	1835
AD2W0*		FS Elig NonRespondent Adj Weight	1836
AFMSMNQY*		TAFMS Months	1847
AFMSYRQY*		TAFMS Years	1848
AFQTGRP*		AFQT Score Group	1849
AFQTPCNT*		AFQT Percentile	1850-1853
AGR_SVC		Technician/AGR ID	1093
ARVDATE*		Arrival date	1112
BATCH*		DRC batch number applied for scanning	1113
BLKREAS*		Reason Survey Returned Blank	1114
BSWGT0*		Form M Base Weight	1837
CAS_ELIG		CASRO eligibility disposition code	892
CENREGN		Census Region	1094
CHAPLAIN*		Chaplain	1854
CM112TOT*		Spouse total operations	1212
CM11ATOT*		Total operations	1145
CM11DTOT*		Total months mobilized or deployed	1154-1156
COMMENT		If you have comments, please print them	891
COMPFLAG*		Questionnaire complete flag	1839
COMPONEN		Military Component	1095
CPAYGRP1*		Pay Group 1: Stratification Variable	1855
CPAYGRP2*		Constructed Pay Grade Group 2	1856
CPAYGRP3*		Constructed Pay Grade Group 3	1857
CRACECAT*		Race/Ethnic Category 2	1858
CRITFLAG*		Critical questions complete flag	1838
CSERVICE*		CService - Member	1859
DDOC*		DoD Duty Occupation Code	1861
DEPNUM1*		Total number of dependents	1280
DEPNUM2*		Total number of dependents living with you	1288
DMDCID_R		DMDC_ID Record Number	1
DPOC*		DoD Primary Occupation Code	1860
DR*		Physician	1862
DSVCOCC*		Duty Occupation	1863
DTYOCC*		Duty Occupation	1864
DUPRET*		Multiple Returns -- Excludes Blanks	1115
DUPRET2*		Multiple Returns -- Includes Blanks	1116
EDUC*		Sample member's education	1865-1866
ELIGFLGW		Eligible Flag	893
ETHNIC*		Ethnicity	1867
ETSDATE*		Sample member's ETS date	1868

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INCWEB*		Incomplete Web Flag	1841
INFOTECH*		Information Technology	1870
INRECNO*		Master SCS ID number	1117
JAG*		JAG	1871
LITHO*		DRC mail identification number	1118
M00002A*	2A.	Yrs served in components: USA	1127
M00002B*	2B.	Yrs served in components: ARNG	1128
M00002C*	2C.	Yrs served in components: USAR	1129
M00002D*	2D.	Yrs served in components: USN	1130
M00002E*	2E.	Yrs served in components: USNR	1131
M00002F*	2F.	Yrs served in components: USAF	1132
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M00002H*	2H.	Yrs served in components: USAFR	1134
M00002I*	2I.	Yrs served in components: USMC	1135
M00002J*	2J.	Yrs served in components: USMCR	1136
M00002K*	2K.	Yrs served in components: USCG	1137
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M00004	4	If stay, when expect select for promo	17
M00004SK	4SK.	If stay, when expect select for promo-SK	18
M00005	5	When expect actually receive next promo	19
M00006	6	How long have you been in present unit	20
M00007	7	In different unit now than 2 yrs ago	21
M00007SK	7SK.	In different unit now than 2 yrs ago-SK	22
M00008A	8A.	Contrib change unit: Offered promo	23
M00008B	8B.	Contrib change unit: Promo likely in new	24
M00008C	8C.	Contrib change unit: Relocated civ job	25
M00008D*	8D.	Contrib change unit: Prev unit moved	1141
M00008E	8E.	Contrib change unit: Went to closer unit	27
M00008F	8F.	Contrib change unit: Reorg previous unit	28
M00008G	8G.	Contrib change unit: Prev unit closed	29
M00008H*	8H.	Contrib change unit: Prev unit move comp	1142
M00008I	8I.	Contrib change unit: Retrain diff skill	30
M00008J	8J.	Contrib change unit: Like job better	31
M00008K	8K.	Contrib change unit: Prblms w/co-workers	32
M00008L	8L.	Contrib change unit: Didn't like enviro	33
M00008M	8M.	Contrib change unit: Inadequate support	34
M00008N	8N.	Contrib change unit: OPTEMPO/PERSTEMPO	35
M00008O	8O.	Contrib change unit: Had new assignment	36
M00008P*	8P.	Contrib change unit: Release from active	1143
M00008Q	8Q.	Contrib change unit: Reserve status	1144
M00008R	8R.	Contrib change unit: Conflict civ employ	39

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M00008T	8T.	Contrib change unit: Family problems	41
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M00010	10	Mobil/dply as Nat'l Guard/Reserve mem	43
M00010SK	10SK.	Mobil/dply as Nat'l Guard/Reserve mem-SK	44
M00011AA*	11AA.	Mobil/deploy operation: Op Desert Shield	1146
M00011AB*	11AB.	Mobil/deploy operation: Saudi Arabia	1147
M00011AC*	11AC.	Mobil/deploy operation: Hurricane Mitch	1148
M00011AD*	11AD.	Mobil/deploy operation: Op Restore Democ	1149
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M00011AG	11AG.	Mobil/deploy operation: Op Restore Hope	51
M00011AH	11AH.	Mobil/deploy operation: Op Joint Task	52
M00011AI*	11AI.	Mobil/deploy operation: Op Allied Force	1151
M00011AJ*	11AJ.	Mobil/deploy operation: Other 1	1152
M00011AK*	11AK.	Mobil/deploy operation: Other 2	1153
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M00011BB	11BB.	Mobil vol/invol: Saudi Arabia	56
M00011BC	11BC.	Mobil vol/invol: Hurricane Mitch	57
M00011BD	11BD.	Mobil vol/invol: Op Restore Democ	58
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M00011BF	11BF.	Mobil vol/invol: Op Joint Forge	60
M00011BG	11BG.	Mobil vol/invol: Op Restore Hope	61
M00011BH	11BH.	Mobil vol/invol: Op Joint Task	62
M00011BI	11BI.	Mobil vol/invol: Op Allied Force	63
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M00011CC	11CC.	Where did you deploy: Hurricane Mitch	68
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M00011CG	11CG.	Where did you deploy: Op Restore Hope	72
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M00011CI	11CI.	Where did you deploy: Op Allied Force	74
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M00011DA*	11DA.	How long Mobil/Deploy: Op Desert Shield	1157-1158
M00011DB*	11DB.	How long Mobil/Deploy: Saudi Arabia	1159-1160
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M00011DE	11DE.	How long Mobil/Deploy: Op Desert Fox	82-83
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M00011DJ*	11DJ.	How long Mobil/Deploy: Other 1	1165-1167
M00011DK*	11DK.	How long Mobil/Deploy: Other 2	1168-1169
M00011JS	11JS.	Were you Mobil/deploy for op: Other 1-SP	89
M00011KS	11KS.	Were you Mobil/deploy for op: Other 2-SP	90
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M00011SB	11SB.	Mobil/dply operation: Saudi Arabia-SK	92
M00011SC	11SC.	Mobil/dply operation: Hurricane Mitch-SK	93
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M00011SE	11SE.	Mobil/dply operation: Op Desert Fox-SK	95
M00011SF	11SF.	Mobil/dply operation: Op Joint Forge-SK	96
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M00011SI	11SI.	Mobil/dply operation: Op Allied Force-SK	99
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M00023C*	23C.	12 mo away: unit trng-combat trng center	1174
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M00093F4	93F4.	Teacher(s): srvd > 8 years	537
M00093F5	93F5.	Teacher(s): retired from mil	538
M00093A	93A.	Fam/oth in mil: father/stepfath/male gdn	539
M00093B	93B.	Fam/oth in mil: mother/stepmoth/fem gdn	540
M00093C	93C.	Fam/oth in mil: brothers/stepbrothers	541
M00093D	93D.	Fam/oth in mil: sisters/stepsisters	542
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M00099D	99D.	12 mos, used PC: install/ship library	573
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M00100SK	100SK.	Do you have access to Internet/WWW-SK	580
M00100WA	100WA.	Access WWW in 12 mos: personal computer	581
M00100WB	100WB.	Access WWW in 12 mos: Web TV	582
M00100WC	100WC.	Access WWW in 12 mos: Palm Pilot	583
M00100WD	100WD.	Access WWW in 12 mos: none of the above	584
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M00104C	104C.	Spouse working full-time civ (not Fed)	593
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M00104E	104E.	Spouse manage/work in family business	595
M00104F	104F.	Spouse self-emp own business/profession	596
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M00104H	104H.	Spouse unemployed and looking for job	598
M00104I	104I.	Spouse unemp/not looking/wants job	599
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M00104K	104K.	Spouse in school	601
M00104L	104L.	Spouse retired	602
M00104M	104M.	Spouse a homemaker, housewife/husband	603
M00104N	104N.	Spouse working multiple jobs	604
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M00105	105	Spouse speak English main lang at home	606
M00106	106	What ext you/spouse agree civ career pln	607
M00107	107	Extent you/spouse agree mil career pln	608
M00108	108	Spouse spprt stay in mil chg past yr	609
M00109	109	Crnt spouse evr in mil, AD or NG/R	610
M00109S1	109S1.	Crnt spouse evr in mil, AD or NG/R-S1	611
M00109S2	109S2.	Crnt spouse evr in mil, AD or NG/R-S2	612
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M00112SG	112SG.	Sps mobil/dply: Rstr/Cnt Hp (Somalia)-SK	624
M00112SH	112SH.	Sps mobil/dply: Jt Task Force (Cuba)-SK	625
M00112SI	112SI.	Sps mobil/dply: Allied Force (Kosovo)-SK	626
M00112SJ	112SJ.	Sps mobil/dply: other mobil/deploy 1-SK	627
M00112SK	112SK.	Sps mobil/dply: other mobil deploy 2-SK	628
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M00113B	113B.	Prob for fam time away Ann'l Trn/ACDUTRA	630
M00113C	113C.	Prob for fam xtra time at NG/R activity	631
M00113D	113D.	Prob for fam time away for mobil/depl	632
M00114	114	Legal dependents not incl spouse	633
M00114SK	114SK.	Legal dependents not incl spouse-SK	634
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RM00118C	118C-R.	How many child/dep 2 - 5 years old	641
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RM00118E	118E-R.	How many child/dep 14 - 22 years old	643
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RM00119G	119G-R.	Child/dep live w/you 65 or older	653
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CM112TOT		Spouse total operations	1212
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M00112BF	112BF.	Sps mobil vl/invl: Jt Frg/Gd/Ed (Bosnia)	1229
M00112BG	112BG.	Sps mobil vl/invl: Rstr/Cnt Hp (Somalia)	1230
M00112BH	112BH.	Sps mobil vl/invl: Jt Task Force (Cuba)	1231
M00112BI	112BI.	Sps mobil vl/invl: Allied Force (Kosov)	1232
M00112BJ	112BJ.	Sps mobil vl/invl: other mobil/deploy 1	1233
M00112BK	112BK.	Sps mobil vl/invl: other mobil/deploy 2	1234
M00112CA	112CA.	Where sps dply: Desert Shield/Storm	1235-1236
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M00118C	118C.	How many child/dep 2 - 5 years old	1275
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M00126J	126J.	Currently: unmplyd, not lk, like emply	1299
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M00159A	159A.	Avg monthly amount spent: rent/mortgage	1330
M00159B	159B.	Avg monthly amount spent: utilities	1331
M00159C	159C.	Avg monthly amount spent: maintenance	1332
M00159D	159D.	Avg monthly amount spent: loans on cars	1333
M00159E	159E.	Avg monthly amount spent: groceries	1334
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U00008A	8A-U.	Contrib change unit: Offered promo-U	1338
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U00008H	8H-U.	Contrib change unit: Prev unit move-U	1345
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U00011AC	11AC-U.	Mobil/dply operation: Hurricane Mitch-U	1361
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U00011AF	11AF-U.	Mobil/dply operation: Op Joint Forge-U	1364
U00011AG	11AG-U.	Mobil/dply operation: Op Restore Hope-U	1365
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U00011AI	11AI-U.	Mobil/dply operation: Op Allied Frc-U	1367
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U00011BC	11BC-U.	Mobil vol/invol: Hurricane Mitch-U	1372
U00011BD	11BD-U.	Mobil vol/invol: Op Restore Democ-U	1373
U00011BE	11BE-U.	Mobil vol/invol: Op Desert Fox-U	1374
U00011BF	11BF-U.	Mobil vol/invol: Op Joint Forge-U	1375
U00011BG	11BG-U.	Mobil vol/invol: Op Restore Hope-U	1376
U00011BH	11BH-U.	Mobil vol/invol: Op Joint Task-U	1377
U00011BI	11BI-U.	Mobil vol/invol: Op Allied Force-U	1378
U00011BJ	11BJ-U.	Mobil vol/invol: Other 1-U	1379
U00011BK	11BK-U.	Mobil vol/invol: Other 2-U	1380
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U00011CB	11CB-U.	Where did you deploy: Saudi Arabia-U	1382
U00011CC	11CC-U.	Where did you deploy: Hurricane Mitch-U	1383
U00011CD	11CD-U.	Where did you deploy: Op Restore Democ-U	1384
U00011CE	11CE-U.	Where did you deploy: Op Desert Fox-U	1385
U00011CF	11CF-U.	Where did you deploy: Op Joint Forge-U	1386
U00011CG	11CG-U.	Where did you deploy: Op Restore Hope-U	1387
U00011CH	11CH-U.	Where did you deploy: Op Joint Task-U	1388
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U00118B	118B-U.	How many child/dep 1 yr < 2 yrs old-U	1681
U00118C	118C-U.	How many child/dep 2 - 5 years old-U	1682
U00118D	118D-U.	How many child/dep 6 - 13 years old-U	1683
U00118E	118E-U.	How many child/dep 14 - 22 years old-U	1684
U00118F	118F-U.	How many child/dep 23 - 64 years old-U	1685
U00118G	118G-U.	How many child/dep 65 yrs old or older-U	1686
U00119A	119A-U.	Child/dep live w/you < than 1 yr old-U	1687

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CONFIDENTIAL VARIABLES – INFORMATION GATHERED ON SURVEY

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
U00119B	119B-U.	Child/dep live w/you 1-under 2 yrs old-U	1688
U00119C	119C-U.	Child/dep live w/you 2 - 5 years old-U	1689
U00119D	119D-U.	Child/dep live w/you 6 - 13 years old-U	1690
U00119E	119E-U.	Child/dep live w/you 14 - 22 years old-U	1691
U00119F	119F-U.	Child/dep live w/you 23 - 64 years old-U	1692
U00119G	119G-U.	Child/dep live w/you 65 or older-U	1693
U00120N	120N-U.	Crgvr rsp for eldrly fam mem, how many-U	1694
U00121	121-U.	Past 12 mo, lost time for caregiving-U	1695
U00123	123-U.	In 1999, did you have a civ job-U	1696
U00123SK	123SK-U	In 1999, did you have a civ job-SK-U	1697
U00124	124-U.	How int in NG/R job similar to civ job	1698
U00125A	125A-U.	Civ job are you MD, RN, DDS, optmtrst-U	1699
U00125B	125A-U.	Civ job are you pilot/navigator-U	1700
U00125C	125A-U.	Civ job are you IT, programmer, etc.-U	1701
U00125D	125A-U.	Civ job are you clergy-U	1702
U00125E	125A-U.	Civ job are you lawyer-U	1703
U00126A	126A-U.	Currently: mem FT AD prog, wrk civ job-U	1704
U00126B	126B-U.	Currently: wrk FT, A/AFNG/R mil tech-U	1705
U00126C	126C-U.	Currently: wrk FT in a civilian job-U	1706
U00126D	126D-U.	Currently: wrk PT in a civilian job-U	1707
U00126E	126E-U.	Currently: employed civ job, temp ill-U	1708
U00126F	126F-U.	Currently: manage/work in fam business-U	1709
U00126G	126G-U.	Currently: self-employed own bus/prof-U	1710
U00126H	126H-U.	Currently: unpaid worker (volunteer)-U	1711
U00126I	126I-U.	Currently: unemployed, looking for job-U	1712
U00126J	126J-U.	Currently: unmplyd, not lk, like emply-U	1713
U00126K	126K-U.	Currently: unmplyd, not lk, not want-U	1714
U00126L	126L-U.	Currently: in school-U	1715
U00126M	126M-U.	Currently: retired-U	1716
U00126N	126N-U.	Currently: homemaker, hsewife/husband-U	1717
U00126O	126O-U.	Currently: working multiple jobs-U	1718
U00126P	126P-U.	Currently: working temporary job(s)-U	1719
U00127	127-U.	1999, wks w/o civ job looking for job-U	1720
U00128	128-U.	1999, did you do any civ work for pay-U	1721
U00128SK	128SK-U	1999, did you do any civ work for pay-SK-U	1722
UOCC99CD		Occupational coding-U	1723
U00132	132-U.	Which best describes civ employer in '99-U	1724
U00133	133-U.	1999, employment status primary civ job-U	1725
U00134A	134A-A.	Typical wk, days worked civ job: Sun-U	1726
U00134B	134A-B.	Typical wk, days worked civ job: Mon-U	1727
U00134C	134A-C.	Typical wk, days worked civ job: Tues-U	1728
U00134D	134A-D.	Typical wk, days worked civ job: Wed-U	1729
U00134E	134A-E.	Typical wk, days worked civ job: Thurs-U	1730
U00134F	134A-F.	Typical wk, days worked civ job: Fri-U	1731

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CONFIDENTIAL VARIABLES – INFORMATION GATHERED ON SURVEY

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
U00134G	134A-G.	Typical wk, days worked civ job: Sat-U	1732
U00135	135-U.	1999, hours per week at main civ job-U	1733
U00136	136-U.	1999, hours per week at all civ jobs-U	1734
U00137	137-U.	1999, work over 40 hrs main civ job-U	1735
U00137SK	134SK-U	1999, work over 40 hrs main civ job-SK-U	1736
U00138	138-U.	1999, number weeks over 40 main civ job-U	1737
U00139A	139A-U.	1999, ovrtime cmp: not paid extra-U	1738
U00139B	139A-U.	1999, ovrtime cmp: rec'd comp time-U	1739
U00139C	139A-U.	1999, ovrtime cmp: pd at reg pay rate-U	1740
U00139D	139A-U.	1999, ovrtime cmp: pd time and a half-U	1741
U00139E	139A-U.	1999, ovrtime cmp: pd double time-U	1742
U00139F	139A-U.	1999, ovrtime cmp: pd more than dbl tm-U	1743
U00139G	139A-U.	1999, ovrtime cmp: received bonus-U	1744
U00139H	139A-U.	1999, ovrtime cmp: recd fees/commissn-U	1745
U00140	140-U.	1999, 2nd civ job & primary civ job-U	1746
U00140SK	140SK-U	1999, 2nd civ job & primary civ job-SK-U	1747
U00141A	141A-U.	Second job due: need income-U	1748
U00141B	141B-U.	Second job due: extra income-U	1749
U00141C	141C-U.	Second job due: saving for future need-U	1750
U00141D	141D-U.	Second job due: independence-U	1751
U00141E	141E-U.	Second job due: self-esteem-U	1752
U00141F	141F-U.	Second job due: enjoyment of work itself-U	1753
U00141G	141G-U.	Second job due: get exper non-mil career-U	1754
U00142	142-U.	1999, overtime lost due to NG/R resp-U	1755
U00143	143-U.	Were you self-employed in 1999-U	1756
U00143SK	143SK-U	Were you self-employed in 1999-SK-U	1757
U00144A	144A-U.	Got time off civ job: mil schooling-U	1758
U00144B	144B-U.	Got time off civ job: Annl Trn/ACDUTRA-U	1759
U00144C	144C-U.	Got time off civ job: required drills-U	1760
U00145A	145A-U.	How pd for NG/R time: mil schooling-U	1761
U00145B	145B-U.	How pd for NG/R time: Ann'l Trn/ACDUTRA-U	1762
U00145C	145C-U.	How pd for NG/R time: required drills-U	1763
U00146A	146A-U.	Prob for empl: away for rqrd drills-U	1764
U00146B	146B-U.	Prob for empl: away for Trn/ACDUTRA-U	1765
U00146C	146C-U.	Prob for empl: extra time on NG/R actv-U	1766
U00146D	146D-U.	Prob for empl: away for mobil/deploy-U	1767
U00147	147-U.	How similar civ job to NG/Reserve duty-U	1768
U00148B	148B-U.	Lv coll/educ trn mobil/dply: yes-invl-U	1769
U00148C	148C-U.	Lv coll/educ trn mobil/dply: yes-vol-U	1770
U00149A	149A-U.	Educ prog enrolled in: coll/univ, pblc-U	1771
U00149B	149B-U.	Educ prog enrolled in: coll/univ, prvt-U	1772
U00149C	149C-U.	Educ prog enrolled in: technical trn-U	1773
U00149D	149D-U.	Educ prog enrolled in: apprenticeship-U	1774
U00149E	149E-U.	Educ prog enrolled in: cont prof educ-U	1775

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CONFIDENTIAL VARIABLES – INFORMATION GATHERED ON SURVEY

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
U00149F	149F-U.	Educ prog enrolled in: none of above-U	1776
U00149CN	149CN-U	Consistency check for question 149-U	1777
U00150A	150A-U.	Able to: get full rfnd for tuition/fee-U	1778
U00150B	150B-U.	Able to: get partial rfnd for tuition-U	1779
U00150C	150C-U.	Able to: get crdt for coursewrk complt-U	1780
U00150D	150D-U.	Able to: re-enroll after mil duty-U	1781
U00151	151-U.	Prctptd in cmptr-based dstnc learning-U	1782
U00164	164-U.	How long rented/owned current rsdnc-U	1783
U00166A	166A-U.	In next yr plan: retire-U	1784
U00166B	166B-U.	In next yr plan: leave Nat'l Grd/Rsrv-U	1785
U00166C	166C-U.	In next yr plan: trnsfr to active comp-U	1786
U00166D	166D-U.	In next yr plan: trnsfr Nat'l Grd comp-U	1787
U00166E	166E-U.	In next yr plan: drilling unit member-U	1788
U00166F	166F-U.	In next yr plan: trnsfr IMA program-U	1789
U00166G	166G-U.	In next yr plan: trnsfr to IRR/ING-U	1790
U00166H	166H-U.	In next yr plan: remain as AGR/TAR/AR-U	1791
U00167	167-U.	How lkly would you be to find civ job-U	1792
U00168	168-U.	Mos assign an AGR/TAR/AR to prsnt post-U	1793
U00169	169-U.	How much longer expect to be at loc-U	1974
U00170	170-U.	Times mvd to new loc because of PCS-U	1795-1796
U00170SK	170SK-U	Times mvd to new loc because of PCS-SK-U	1797
U00171A	171A-U.	Recent PCS, prob: higher cost of lvng-U	1798
U00171B	171B-U.	Recent PCS, prob: move, set-up hsehld-U	1799
U00171C	171C-U.	Recent PCS, prob: temp lodging expense-U	1800
U00171D	171D-U.	Recent PCS, prob: cost, set-up rsdnc-U	1801
U00171E	171E-U.	Recent PCS, prob: transportation costs-U	1802
U00171F	171F-U.	Recent PCS, prob: finding civ emplymnt-U	1803
U00171G	171G-U.	Recent PCS, prob: continue education-U	1804
U00171H	171H-U.	Recent PCS, prob: continue spouse edu-U	1805
U00171I	171I-U.	Recent PCS, prob: trnsfrblty of crdts-U	1806
U00171J	171J-U.	Recent PCS, prob: finding perm housing-U	1807
U00171K	171K-U.	Recent PCS, prob: find shopping areas-U	1808
U00171L	171L-U.	Recent PCS, prob: children adjusting-U	1809
U00171M	171M-U.	Recent PCS, prob: spouse adjusting-U	1810
U00171N	171N-U.	Recent PCS, prob: adjusting yourself-U	1811
U00171O	171O-U.	Recent PCS, prob: med care for EFP mem-U	1812
U00171P	171P-U.	Recent PCS, prob: edu facility for EFP-U	1813
U00172	172-U.	Times sps mvd to new loc because of PCS-U	1814-1815
U00174A	174A-U.	Avg hrs volunteer: Nat'l Guard/Reserve-U	1816
U00174B	174B-U.	Avg hrs volunteer: other defense/svc grp-U	1817
U00174C	174C-U.	Avg hrs volunteer: civ organization-U	1818
U00175A	175A-U.	Prevent volunteer: I do not have time-U	1819
U00175B	175B-U.	Prevent volunteer: I am not interested-U	1820
U00175C	175C-U.	Prevent volunteer: location-U	1821

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CONFIDENTIAL VARIABLES – INFORMATION GATHERED ON SURVEY

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
U00175D	175D-U.	Prevent volunteer: time actvty scheduled-U	1822
U00175E	175E-U.	Prevent volunteer: lack of childcare-U	1823
U00175F	175F-U.	Prevent volunteer: no transportation-U	1824
U00175G	175G-U.	Prevent volunteer: I have not been asked-U	1825
U00175H	175H-U.	Prevent volunteer: physically unable-U	1826

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CONFIDENTIAL VARIABLES – ANALYSIS

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
XMIMPCF		Imputation flag for constructed service	1827
XMIMPMF		Imputation flag for cnstrtd marital stat	1828
XMIMPPF		Imputation flag for constructed paygrade	1829
XMIMPXF		Imputation flag for constructed gender	1830
XRETH1F		Imputation flag for cnstrtd Race/Eth-19	1831

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CONFIDENTIAL VARIABLES – WEIGHTING

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
AD1CC		Non-Response Adjust Cell	1832
AD1F0		FS Unk Elig NonRespons Adj Factor	1833
AD1W0		FS Unk Elig NonResponse Adj Weight	1834
AD2F0		FS Elig NonRespondent Adj Factor	1835
AD2W0		FS Elig NonRespondent Adj Weight	1836
BSWGT0		Form M Base Weight	1837
CRITFLAG		Critical questions complete flag	1838
COMPFLAG		Questionnaire complete flag	1839
FLAG_FIN		Final disposition flag	1840
INCWEB		Incomplete Web Flag	1841
POPSAMP		Population/sample flag	1842
QCOMPN		Questions completed count	1843
QCOMPP		Questions completed proportion	1844
RSTATUS		Form M Resp Status	1845
SR_ELIG		Self-Reported Eligibility	1846

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CONFIDENTIAL VARIABLES – SAMPLING AND RECORD DATA

VARIABLE NAME	ITEM NUMBER	LABEL	PAGE
AFMSMNQY		TAFMS Months	1847
AFMSYRQY		TAFMS Years	1848
AFQTGRP		AFQT Score Group	1849
AFQTPCNT		AFQT Percentile	1850-1853
CHAPLAIN		Chaplain	1854
CPAYGRP1		Pay Group 1: Stratification Variable	1855
CPAYGRP2		Constructed Pay Grade Group 2	1856
CPAYGRP3		Constructed Pay Grade Group 3	1857
CRACECAT		Race/Ethnic Category 2	1858
CSERVICE		CService - Member	1859
DPOC		DoD Primary Occupation Code	1860
DDOC		DoD Duty Occupation Code	1861
DR		Physician	1862
DSVCOCC		Duty Occupation	1863
DTYOCC		Duty Occupation	1864
EDUC		Sample member's education	1865-1866
ETHNIC		Ethnicity	1867
ETSDATE		Sample member's ETS date	1868
HOME_ZIP		Member home zip code	1869
INFOTECH		Information Technology	1870
JAG		JAG	1871
MSVCYRQY		Military Service Years	1872
NSTRAT_R		Stratum population count	1873
NSAMP_R		Stratum sample size	1874
PAYGRDE		Sample member's paygrade	1875
PILOT		Pilot/Navigator - rated	1876
PNAGEQY		Member age	1877-1880
PSVCOCC		Primary Occupation	1881
RACETH		Race/Ethnic Category 1	1882
SEX		Sex: Stratification Variable	1883
STRAT_R		Stratum level	1884
TAFMS		Total Active Federal Military Service	1885
UNITLOC		Unit Location	1886
USVC_INT		Date of Initial Entry into Uniformed Svc	1887

APPENDIX G

FREQUENCY AND PERCENTAGE DISTRIBUTIONS FOR VARIABLES IN THE SURVEY ANALYSIS FILES

The appendix is enclosed in a separate file.

APPENDIX H

FLAT FILE LAYOUT FOR THE PUBLIC RELEASE DATA FILE

Variable	Type	Start	Stop	Length	Label
DMDCID_R	Num	1	6	6	DMDC_ID Record Number
XMIMPC	Num	7	8	2	CONSTRUCTED SERVICE COMPONENT
SRSVC1SK	Num	9	10	2	Which Rsrv component are you a member-SK
RM002A	Num	11	12	2	Yrs served in components: USA
RM002B	Num	13	14	2	Yrs served in components: ARNG
RM002C	Num	15	16	2	Yrs served in components: USAR
RM002D	Num	17	18	2	Yrs served in components: USN
RM002E	Num	19	20	2	Yrs served in components: USNR
RM002F	Num	21	22	2	Yrs served in components: USAF
RM002G	Num	23	24	2	Yrs served in components: ANG
RM002H	Num	25	26	2	Yrs served in components: USAFR
RM002I	Num	27	28	2	Yrs served in components: USMC
RM002J	Num	29	30	2	Yrs served in components: USMCR
RM002K	Num	31	32	2	Yrs served in components: USCG
RM002L	Num	33	34	2	Yrs served in components: USCGR
XMIMPPC	Num	35	36	2	Recoded Constructed Member Paygrade
M00004	Num	37	38	2	If stay, when expect select for promo
M00004SK	Num	39	40	2	If stay, when expect select for promo-SK
M00005	Num	41	42	2	When expect actually rcv next promo
M00006	Num	43	44	2	How long have you been in present unit
M00007	Num	45	46	2	In different unit now than 2 yrs ago
M00007SK	Num	47	48	2	In different unit now than 2 yrs ago-SK
M00008A	Num	49	50	2	Contrib change unit: Offered promo
M00008B	Num	51	52	2	Contrib change unit: Promo lkly in new
M00008C	Num	53	54	2	Contrib change unit: Relocated civ job
RM008DH	Num	55	56	2	Prev unit moved/moved another component
M00008E	Num	57	58	2	Contrib change unit: Closer unit
M00008F	Num	59	60	2	Contrib change unit: Reorg prev unit
M00008G	Num	61	62	2	Contrib change unit: Prev unit closed
M00008I	Num	63	64	2	Contrib change unit: Rtrn diff skill
M00008J	Num	65	66	2	Contrib change unit: Like job better
M00008K	Num	67	68	2	Contrib change unit: Prblm w/co-worker
M00008L	Num	69	70	2	Contrib change unit: Didn't like envrn
M00008M	Num	71	72	2	Contrib change unit: Indqt support
M00008N	Num	73	74	2	Contrib change unit: OPTEMPO/PERSTEMPO
M00008O	Num	75	76	2	Contrib change unit: New assignment
RM008P	Num	77	78	2	Was released from active component
RM008Q	Num	79	80	2	Changed Reserve status
M00008R	Num	81	82	2	Contrib change unit: Cnflct civ employ
M00008S	Num	83	84	2	Contrib change unit: Mndtry rotation
M00008T	Num	85	86	2	Contrib change unit: Family problems
M00009	Num	87	88	2	Retrain in new skill when change units
M00010	Num	89	90	2	Mobil/dply as Nat'l Guard/Reserve mem
M00010SK	Num	91	92	2	Mobil/dply as Nat'l Guard/Reserve mem-SK
RM11ATOT	Num	93	94	2	Total number ops you were mobil/dply
RM0011AA	Num	95	96	2	Mobil/deploy operation: Op Desert Shield
RM0011AB	Num	97	98	2	Mobil/deploy operation: Saudi Arabia
RM11A_SM	Num	99	100	2	Mobil/dply Op: Hurr Mitch/Restor Democ
M00011AE	Num	101	102	2	Mobil/deploy operation: Op Desert Fox
RM0011AF	Num	103	104	2	Mobil/deploy operation: Op Joint Forge
M00011AG	Num	105	106	2	Mobil/deploy operation: Op Restore Hope

M00011AH	Num	107	108	2 Mobil/deploy operation: Op Joint Task
RM0011AI	Num	109	110	2 Mobil/deploy operation: Op Allied Force
RM11A_OT	Num	111	112	2 Mobil/deploy operation: Other 1/Other 2
M00011BA	Num	113	114	2 Mobil vol/invol: Op Desert Shield
M00011BB	Num	115	116	2 Mobil vol/invol: Saudi Arabia
M00011BC	Num	117	118	2 Mobil vol/invol: Hurricane Mitch
M00011BD	Num	119	120	2 Mobil vol/invol: Op Restore Democ
M00011BE	Num	121	122	2 Mobil vol/invol: Op Desert Fox
M00011BF	Num	123	124	2 Mobil vol/invol: Op Joint Forge
M00011BG	Num	125	126	2 Mobil vol/invol: Op Restore Hope
M00011BH	Num	127	128	2 Mobil vol/invol: Op Joint Task
M00011BI	Num	129	130	2 Mobil vol/invol: Op Allied Force
M00011BJ	Num	131	132	2 Mobil vol/invol: Other 1
M00011BK	Num	133	134	2 Mobil vol/invol: Other 2
M00011CA	Num	135	136	2 Where did you deploy: Op Desert Shield
M00011CB	Num	137	138	2 Where did you deploy: Saudi Arabia
M00011CC	Num	139	140	2 Where did you deploy: Hurricane Mitch
M00011CD	Num	141	142	2 Where did you deploy: Op Restore Democ
M00011CE	Num	143	144	2 Where did you deploy: Op Desert Fox
M00011CF	Num	145	146	2 Where did you deploy: Op Joint Forge
M00011CG	Num	147	148	2 Where did you deploy: Op Restore Hope
M00011CH	Num	149	150	2 Where did you deploy: Op Joint Task
M00011CI	Num	151	152	2 Where did you deploy: Op Allied Force
M00011CJ	Num	153	154	2 Where did you deploy: Other 1
M00011CK	Num	155	156	2 Where did you deploy: Other 2
RM11DTOT	Num	157	158	2 Total Months Mobil/Deployed
RM0011DA	Num	159	160	2 How long Mobil/Dply: Op Desert Shield
RM0011DB	Num	161	162	2 How long Mobil/Dply: Saudi Arabia
M00011DC	Num	163	164	2 How long Mobil/Dply: Hurricane Mitch
M00011DD	Num	165	166	2 How long Mobil/Dply: Op Restore Democ
M00011DE	Num	167	168	2 How long Mobil/Dply: Op Desert Fox
RM0011DF	Num	169	170	2 How long Mobil/Dply: Op Joint Forge
M00011DG	Num	171	172	2 How long Mobil/Dply: Op Restore Hope
M00011DH	Num	173	174	2 How long Mobil/Dply: Op Joint Task
RM0011DI	Num	175	176	2 How long Mobil/Dply: Op Allied Force
RM11D_OT	Num	177	178	2 How long mobil/dply: All other
M00011JS	Num	179	180	2 Were you Mobil/dply for op: Other 1-SP
M00011KS	Num	181	182	2 Were you Mobil/dply for op: Other 2-SP
M00011SA	Num	183	184	2 Mobil/dply ops: Op Dsrt Shield-SK
M00011SB	Num	185	186	2 Mobil/dply ops: Saudi Arabia-SK
M00011SC	Num	187	188	2 Mobil/dply ops: Hurricane Mitch-SK
M00011SD	Num	189	190	2 Mobil/dply ops: Op Restore Dmc-SK
M00011SE	Num	191	192	2 Mobil/dply ops: Op Desert Fox-SK
M00011SF	Num	193	194	2 Mobil/dply ops: Op Joint Forge-SK
M00011SG	Num	195	196	2 Mobil/dply ops: Op Restore Hope-SK
M00011SH	Num	197	198	2 Mobil/dply ops: Op Joint Task-SK
M00011SI	Num	199	200	2 Mobil/dply ops: Op Allied Force-SK
M00011SJ	Num	201	202	2 Mobil/dply ops: Other 1-SK
M00011SK	Num	203	204	2 Mobil/dply ops: Other 2-SK
RM0012	Num	205	206	2 Are you mobilized/deployed now
M00012SK	Num	207	208	2 Are you mobilized/deployed now-SK
M00013	Num	209	210	2 Income change as result of mobil/dply

M00014A	Num	211	212	2 Change expense occur: Med exp increase
M00014B	Num	213	214	2 Change expense occur: Med exp decrease
M00014C	Num	215	216	2 Change expense occur: Phone exp incrs
M00014D	Num	217	218	2 Change expense occur: Maint/car incrs
M00014E	Num	219	220	2 Change expense occur: Maint/car dcrrs
M00014F	Num	221	222	2 Change expense occur: Childcare incrs
M00014G	Num	223	224	2 Change expense occur: Mortgage declined
M00015A	Num	225	226	2 Health options: kept private/civilian
M00015B	Num	227	228	2 Health options: dropped private/civilian
M00015C	Num	229	230	2 Health options: didn't have insurance
M00016A	Num	231	232	2 Preparedness: have family care plan
M00016B	Num	233	234	2 Preparedness: fam care plan up to date
M00016C	Num	235	236	2 Preparedness: have current written will
M00016D	Num	237	238	2 Preparedness: hold power-of-attorney
M00016E	Num	239	240	2 Preparedness: insurance other, SGLI/VGLI
M00016F	Num	241	242	2 Preparedness: record of emergency data
M00016G	Num	243	244	2 Preparedness: updated data in 12 mos
M00016H	Num	245	246	2 Preparedness: spouse know imprtnt papers
M00017	Num	247	248	2 Plan to elect Reserve comp SBP when elig
M00018	Num	249	250	2 Volunteerd for ops not deployed for
M00019	Num	251	252	2 Lkly/unlkly volunteer for dply in 5 yrs
M00020	Num	253	254	2 Lkly/unlkly you will deploy in 5 yrs
M00021	Num	255	256	2 Lkly/unlkly unit will deploy in 5 yrs
M00022	Num	257	258	2 12 mos away overnight for mil duties
M00022SK	Num	259	260	2 12 mos away overnight for mil duties-SK
RM0023A	Num	261	262	2 12 mo away: peacekeeping/contingency op
RM0023B	Num	263	264	2 12 mo away: foreign hmtnrn assist
RM0023C	Num	265	266	2 12 mo away: unit trng-combat trng cntr
RM0023D	Num	267	268	2 12 mo away: counter drug operation
RM0023E	Num	269	270	2 12 mo away: domestic disaster/civ emer
RM0023F	Num	271	272	2 12 mo away: scheduled dplymnt at sea
RM0023G	Num	273	274	2 12 mo away: other time at sea
RM0023H	Num	275	276	2 12 mo away: joint trng/field exercises
RM0023I	Num	277	278	2 12 mo away: drill/annual trng/ACDUTRA
RM0023J	Num	279	280	2 12 mo away: military education
RM0023K	Num	281	282	2 12 mo away: other TADs/TDYs
M00024A	Num	283	284	2 Deploy 3 mos, prob: employer problems
M00024B	Num	285	286	2 Deploy 3 mos, prob: getting job back
M00024C	Num	287	288	2 Deploy 3 mos, prob: loss of promotion
M00024D	Num	289	290	2 Deploy 3 mos, prob: loss of civ job
M00024E	Num	291	292	2 Deploy 3 mos, prob: demotion in civ job
M00024F	Num	293	294	2 Deploy 3 mos, prob: hostility from supv
M00024G	Num	295	296	2 Deploy 3 mos, prob: hostility from cowkr
M00024H	Num	297	298	2 Deploy 3 mos, prob: behind in advances
M00024I	Num	299	300	2 Deploy 3 mos, prob: loss of hlth benefit
M00024J	Num	301	302	2 Deploy 3 mos, prob: loss of seniority
M00024K	Num	303	304	2 Deploy 3 mos, prob: loss of income
M00024L	Num	305	306	2 Deploy 3 mos, prob: practice damaged
M00024M	Num	307	308	2 Deploy 3 mos, prob: prob patient/client
M00024N	Num	309	310	2 Deploy 3 mos, prob: other employer probs
M00024O	Num	311	312	2 Deploy 3 mos, prob: studies disrupted
M00024P	Num	313	314	2 Deploy 3 mos, prob: spouse need job

M00024Q	Num	315	316	2 Deploy 3 mos, prob: separation/divorce
M00024R	Num	317	318	2 Deploy 3 mos, prob: burden on spouse
M00024S	Num	319	320	2 Deploy 3 mos, prob: probs for children
M00024T	Num	321	322	2 Deploy 3 mos, prob: probs for dependents
M00024U	Num	323	324	2 Deploy 3 mos, prob: childcare
M00024V	Num	325	326	2 Deploy 3 mos, prob: other
M00024SP	Num	327	328	2 Mobil/dply 3 months, how much problem-SP
M00025	Num	329	330	2 Experienced probs listed in Q24
M00025SK	Num	331	332	2 Experienced probs listed in Q24-SK
M00026A	Num	333	334	2 Probs experienced: employer problems
M00026B	Num	335	336	2 Probs experienced: getting job back
M00026C	Num	337	338	2 Probs experienced: loss of promotion
M00026D	Num	339	340	2 Probs experienced: loss of civ job
M00026E	Num	341	342	2 Probs experienced: demotion in civ job
M00026F	Num	343	344	2 Probs experienced: hostility from supv
M00026G	Num	345	346	2 Probs experienced: hostility from cowkrs
M00026H	Num	347	348	2 Probs experienced: behind in advances
M00026I	Num	349	350	2 Probs experienced: loss of hlth benefit
M00026J	Num	351	352	2 Probs experienced: loss of seniority
M00026K	Num	353	354	2 Probs experienced: loss of income
M00026L	Num	355	356	2 Probs experienced: practice damaged
M00026M	Num	357	358	2 Probs experienced: prob patient/client
M00026N	Num	359	360	2 Probs experienced: other employer probs
M00026O	Num	361	362	2 Probs experienced: studies disrupted
M00026P	Num	363	364	2 Probs experienced: spouse need job
M00026Q	Num	365	366	2 Probs experienced: separation/divorce
M00026R	Num	367	368	2 Probs experienced: burden on spouse
M00026S	Num	369	370	2 Probs experienced: probs for children
M00026T	Num	371	372	2 Probs experienced: probs for dependents
M00026U	Num	373	374	2 Probs experienced: childcare
M00026V	Num	375	376	2 Probs experienced: other
M00027A	Num	377	378	2 Probs most serious: most serious
M00027B	Num	379	380	2 Probs most serious: 2nd most serious
M00027C	Num	381	382	2 Probs most serious: 3rd most serious
M00027CN	Num	383	384	2 Consistency check for Question 26
M00028A	Num	385	386	2 Contribute stay: serving the country
M00028B	Num	387	388	2 Contribute stay: using edu benefits
M00028C	Num	389	390	2 Contribute stay: obtain trng in skill
M00028D	Num	391	392	2 Contribute stay: serve w/people in unit
M00028E	Num	393	394	2 Contribute stay: credit toward retiremnt
M00028F	Num	395	396	2 Contribute stay: promotion opportunities
M00028G	Num	397	398	2 Contribute stay: opp to use mil equip
M00028H	Num	399	400	2 Contribute stay: challenge of mil trng
M00028I	Num	401	402	2 Contribute stay: money for basic expense
M00028J	Num	403	404	2 Contribute stay: want extra money
M00028K	Num	405	406	2 Contribute stay: save income for future
M00028L	Num	407	408	2 Contribute stay: travel opportunities
M00028M	Num	409	410	2 Contribute stay: just enjoying
M00028N	Num	411	412	2 Contribute stay: pride in accomplishment
M00028O	Num	413	414	2 Contribute stay: enjoyment in mil job
M00028P	Num	415	416	2 Contribute stay: special/incentive pay
M00028Q	Num	417	418	2 Contribute stay: reenlistment bonus

M00028R	Num	419	420	2 Contribute stay: require, fulfill oblig
M00028WA	Num	421	422	2 Contribute stay: serving the country
M00028WB	Num	423	424	2 Contribute stay: using edu benefits
M00028WC	Num	425	426	2 Contribute stay: obtain trng in skill
M00028WD	Num	427	428	2 Contribute stay: serve w/people in unit
M00028WE	Num	429	430	2 Contribute stay: credit toward retirement
M00028WF	Num	431	432	2 Contribute stay: promotion opportunities
M00028WG	Num	433	434	2 Contribute stay: opp to use mil equip
M00028WH	Num	435	436	2 Contribute stay: challenge of mil trng
M00028WI	Num	437	438	2 Contribute stay: money for basic expense
M00028WJ	Num	439	440	2 Contribute stay: want extra money
M00028WK	Num	441	442	2 Contribute stay: save income for future
M00028WL	Num	443	444	2 Contribute stay: travel opportunities
M00028WM	Num	445	446	2 Contribute stay: just enjoying
M00028WN	Num	447	448	2 Contribute stay: pride in accomplishment
M00028WO	Num	449	450	2 Contribute stay: enjoyment in mil job
M00028WP	Num	451	452	2 Contribute stay: special/incentive pay
M00028WQ	Num	453	454	2 Contribute stay: reenlistment bonus
M00028WR	Num	455	456	2 Contribute stay: require, fulfill oblig
M00029	Num	457	458	2 How likely you would choose to stay
M00030	Num	459	460	2 How likely choose to serve until retire
M00031	Num	461	462	2 Leave svc, pay grade think you'll have
M00032A	Num	463	464	2 Years expected: FT active duty NG/Rsrv
M00032B	Num	465	466	2 Years expected: IRR/ING
M00032C	Num	467	468	2 Years expected: other NG/Rsrv (PT)
M00032D	Num	469	470	2 Years expected: active component
M00033	Num	471	472	2 Qual/trained in your duty MOS/D/R/AFSC
M00034	Num	473	474	2 Working in your primary MOS/D/R/AFSC
M00035	Num	475	476	2 % spent performing skill to MOS/D/R/AFSC
M00036	Num	477	478	2 Current MOS/D/R/AFSC same as AD
M00036SK	Num	479	480	2 Current MOS/D/R/AFSC same as AD-SK
M00037A	Num	481	482	2 When join, change MOS/D/R/AFSC
M00037B	Num	483	484	2 When join, wanted to change MOS/D/R/AFSC
M00038	Num	485	486	2 1999, days spent in compensated status
M00039	Num	487	488	2 Avg mo 1999, unpaid hrs for unit
M00040	Num	489	490	2 Avg mo 1999, unpaid hrs for prof dvlpmnt
M00041	Num	491	494	4 1999, nights spent away offcl mil duties
M00042	Num	495	496	2 How attend 1999 Annual Training/ACDUTRA
XPROG	Num	497	498	2 PROGRAM
M00043S1	Num	499	500	2 Category of the Selected Rsrv belong-S1
M00043S2	Num	501	502	2 Category of the Selected Rsrv belong-S2
M00044A	Num	503	504	2 How satisfied w/: trng rcvd unit drill
M00044B	Num	505	506	2 How satisfied w/: actvty, 1999 ACDUTRA
M00044C	Num	507	508	2 How satisfied w/: opp use MOS/D/R/AFSC
M00044D	Num	509	510	2 How satisfied w/: opps for promotion
M00044E	Num	511	512	2 How satisfied w/: opps for leadership
M00044F	Num	513	514	2 How satisfied w/: weapons/equip used
M00044G	Num	515	516	2 How satisfied w/: cndtn of wpns/equip
M00044H	Num	517	518	2 How satisfied w/: sprvsn/direction
M00044I	Num	519	520	2 How satisfied w/: training facilities
M00044J	Num	521	522	2 How satisfied w/: your job
M00044K	Num	523	524	2 How satisfied w/: job security

M00044L	Num	525	526	2 How satisfied w/: workload
M00044M	Num	527	528	2 How satisfied w/: assignment stability
M00044N	Num	529	530	2 How satisfied w/: unit social activity
M00044O	Num	531	532	2 How satisfied w/: work group/co-worker
M00044P	Num	533	534	2 How satisfied w/: acqntncs/friendships
M00044Q	Num	535	536	2 How satisfied w/: time rqrd, activity
M00044R	Num	537	538	2 How satisfied w/: pssblty future dply
M00044S	Num	539	540	2 How satisfied w/: # of recent dplymnts
M00044T	Num	541	542	2 How satisfied w/: not included, deploy
M00046A	Num	543	544	2 How much of a prob: out-of-date equip
M00046B	Num	545	546	2 How much of a prob: poor cndtn of eqp
M00046C	Num	547	548	2 How much of a prob: strngth, E-1/E-4
M00046D	Num	549	550	2 How much of a prob: strngth, E-5/E-9
M00046E	Num	551	552	2 How much of a prob: strngth, WO-1/WO-5
M00046F	Num	553	554	2 How much of a prob: strngth, O-1/O-6
M00046G	Num	555	556	2 How much of a prob: not enough staff
M00046H	Num	557	558	2 How much of a prob: poor admin support
M00046I	Num	559	560	2 How much of a prob: atndnc, unt drill
M00046J	Num	561	562	2 How much of a prob: atndnc, ACDUTRA
M00046K	Num	563	564	2 How much of a prob: ineffctv training
M00046L	Num	565	566	2 How much of a prob: qualified prsnnl
M00046M	Num	567	568	2 How much of a prob: quality of prsnnl
M00046N	Num	569	570	2 How much of a prob: quality of leaders
M00046O	Num	571	572	2 How much of a prob: inadequate time
M00046P	Num	573	574	2 How much of a prob: lack of access
M00046Q	Num	575	576	2 How much of a prob: lack of manuals
M00046R	Num	577	578	2 How much of a prob: lack of supplies
M00046S	Num	579	580	2 How much of a prob: lack of spare prts
M00046T	Num	581	582	2 How much of a prob: excessive turnover
M00046U	Num	583	584	2 How much of a prob: inadqt acs, schd
M00046V	Num	585	586	2 How much of a prob: uncrtn, future
M00046W	Num	587	588	2 How much of a prob: unit reorganizing
M00046X	Num	589	590	2 How much of a prob: inadqt resources
M00046Y	Num	591	592	2 How much of a prob: inadqt acs, PC's
M00046Z	Num	593	594	2 How much of a prob: inadqt acs, trng
M00047	Num	595	596	2 How far live from where unit meets
M00048A	Num	597	598	2 Get to mil duty/drills: drive myself
M00048B	Num	599	600	2 Get to mil duty/drills: drvn by spouse
M00048C	Num	601	602	2 Get to mil duty/drills: drvn fam mbr
M00048D	Num	603	604	2 Get to mil duty/drills: car pool
M00048E	Num	605	606	2 Get to mil duty/drills: civ air trns
RM0048F	Num	607	608	2 Get to mil duty/drills: mil air trns
M00048G	Num	609	610	2 Get to mil duty/drills: public trns
RM0048H	Num	611	612	2 Get to mil duty/drills: walk/bicycle
M00049	Num	613	614	2 How long from home to where unit meets
M00050	Num	615	616	2 How describe morale of mil personnel
M00051	Num	617	618	2 How describe your morale
M00052AA	Num	619	620	2 Program avail: individual therapy
M00052AB	Num	621	622	2 Program avail: pre-marital programs
M00052AC	Num	623	624	2 Program avail: marriage/fam therapy
M00052AD	Num	625	626	2 Program avail: fam support center
M00052AE	Num	627	628	2 Program avail: program for disabled

M00052AF	Num	629	630	2 Program avail: svcs for fam during sep
M00052AG	Num	631	632	2 Program avail: new parent classes
M00052AH	Num	633	634	2 Program avail: single parent programs
M00052AI	Num	635	636	2 Program avail: childcare services
M00052AJ	Num	637	638	2 Program avail: youth/teen programs
M00052AK	Num	639	640	2 Program avail: eldercare
M00052AL	Num	641	642	2 Program avail: alcohol/drug abuse prgrms
M00052AM	Num	643	644	2 Program avail: spouse employment svcs
M00052AN	Num	645	646	2 Program avail: spouse/child abuse svcs
M00052AO	Num	647	648	2 Program avail: rape coueseling services
M00052AP	Num	649	650	2 Program avail: crisis referral services
M00052AQ	Num	651	652	2 Program avail: chaplain/religious svcs
M00052AR	Num	653	654	2 Program avail: legal assistance
M00052AS	Num	655	656	2 Program avail: financial counseling
M00052AT	Num	657	658	2 Program avail: recreational programs
M00052AU	Num	659	660	2 Program avail: educational svcs center
M00052AV	Num	661	662	2 Program avail: svcs for single members
M00052BA	Num	663	664	2 Program Satis: individual therapy
M00052BB	Num	665	666	2 Program Satis: pre-marital programs
M00052BC	Num	667	668	2 Program Satis: marriage/fam therapy
M00052BD	Num	669	670	2 Program Satis: fam support center
M00052BE	Num	671	672	2 Program Satis: program for disabled
M00052BF	Num	673	674	2 Program Satis: svcs for fam during sep
M00052BG	Num	675	676	2 Program Satis: new parent classes
M00052BH	Num	677	678	2 Program Satis: single parent programs
M00052BI	Num	679	680	2 Program Satis: childcare services
M00052BJ	Num	681	682	2 Program Satis: youth/teen programs
M00052BK	Num	683	684	2 Program Satis: eldercare
M00052BL	Num	685	686	2 Program Satis: alcohol/drug abuse prgrms
M00052BM	Num	687	688	2 Program Satis: spouse employment svcs
M00052BN	Num	689	690	2 Program Satis: spouse/child abuse svcs
M00052BO	Num	691	692	2 Program Satis: rape coueseling services
M00052BP	Num	693	694	2 Program Satis: crisis referral services
M00052BQ	Num	695	696	2 Program Satis: chaplain/religious svcs
M00052BR	Num	697	698	2 Program Satis: legal assistance
M00052BS	Num	699	700	2 Program Satis: financial counseling
M00052BT	Num	701	702	2 Program Satis: recreational programs
M00052BU	Num	703	704	2 Program Satis: educational svcs center
M00052BV	Num	705	706	2 Program Satis: svcs for single members
M0053AAA	Num	707	708	2 12 mos, mil on: auto, crafts, hobby shop
M0053AAB	Num	709	710	2 12 mos, mil on: bank or credit union
M0053AAC	Num	711	712	2 12 mos, mil on: bwlng cntr/movie theater
M0053AAD	Num	713	714	2 12 mos, mil on: cmmssry, market, grocery
M0053AAE	Num	715	716	2 12 mos, mil on: clubs/dance/night clubs
M0053AAF	Num	717	718	2 12 mos, mil on: fitness center, gym
M0053AAG	Num	719	720	2 12 mos, mil on: golf course
M0053AAH	Num	721	722	2 12 mos, mil on: library services
M0053AAI	Num	723	724	2 12 mos, mil on: mn exchnng/dprtmnt store
M0053AAJ	Num	725	726	2 12 mos, mil on: outdoor recreation areas
M0053AAK	Num	727	728	2 12 mos, mil on: outdoor rec equip rental
M0053AAL	Num	729	730	2 12 mos, mil on: post office
M0053AAM	Num	731	732	2 12 mos, mil on: recreation center

M0053AAN	Num	733	734	2 12 mos, mil on: rec/lodging/hotel/resort
M0053AAO	Num	735	736	2 12 mos, mil on: shopette/mini-mart
M0053AAP	Num	737	738	2 12 mos, mil on: classVI/pkg store/liquor
M0053AAQ	Num	739	740	2 12 mos, mil on: social act for singles
M0053ABA	Num	741	742	2 12 mos, civ on: auto, crafts, hobby shop
M0053ABB	Num	743	744	2 12 mos, civ on: bank or credit union
M0053ABC	Num	745	746	2 12 mos, civ on: bwlng cntr/movie theater
M0053ABD	Num	747	748	2 12 mos, civ on: cmmssry, market, grocery
M0053ABE	Num	749	750	2 12 mos, civ on: clubs/dance/night clubs
M0053ABF	Num	751	752	2 12 mos, civ on: fitness center, gym
M0053ABG	Num	753	754	2 12 mos, civ on: golf course
M0053ABH	Num	755	756	2 12 mos, civ on: library services
M0053ABI	Num	757	758	2 12 mos, civ on: mn exchnng/dprtmnt store
M0053ABJ	Num	759	760	2 12 mos, civ on: outdoor recreation areas
M0053ABK	Num	761	762	2 12 mos, civ on: outdoor rec equip rental
M0053ABL	Num	763	764	2 12 mos, civ on: post office
M0053ABM	Num	765	766	2 12 mos, civ on: recreation center
M0053ABN	Num	767	768	2 12 mos, civ on: rec/lodging/hotel/resort
M0053ABO	Num	769	770	2 12 mos, civ on: shopette/mini-mart
M0053ABP	Num	771	772	2 12 mos, civ on: classVI/pkg store/liquor
M0053ABQ	Num	773	774	2 12 mos, civ on: social act for singles
M0053UAA	Num	775	776	2 12 mos, mil on: auto, crafts, hobby shop
M0053UAB	Num	777	778	2 12 mos, mil on: bank or credit union
M0053UAC	Num	779	780	2 12 mos, mil on: bwlng cntr/movie theater
M0053UAD	Num	781	782	2 12 mos, mil on: cmmssry, market, grocery
M0053UAE	Num	783	784	2 12 mos, mil on: clubs/dance/night clubs
M0053UAF	Num	785	786	2 12 mos, mil on: fitness center, gym
M0053UAG	Num	787	788	2 12 mos, mil on: golf course
M0053UAH	Num	789	790	2 12 mos, mil on: library services
M0053UAI	Num	791	792	2 12 mos, mil on: mn exchnng/dprtmnt store
M0053UAJ	Num	793	794	2 12 mos, mil on: outdoor recreation areas
M0053UAK	Num	795	796	2 12 mos, mil on: outdoor rec equip rental
M0053UAL	Num	797	798	2 12 mos, mil on: post office
M0053UAM	Num	799	800	2 12 mos, mil on: recreation center
M0053UAN	Num	801	802	2 12 mos, mil on: rec/lodging/hotel/resort
M0053UAO	Num	803	804	2 12 mos, mil on: shopette/mini-mart
M0053UAP	Num	805	806	2 12 mos, mil on: classVI/pkg store/liquor
M0053UAQ	Num	807	808	2 12 mos, mil on: social act for singles
M0053UBA	Num	809	810	2 12 mos, civ on: auto, crafts, hobby shop
M0053UBB	Num	811	812	2 12 mos, civ on: bank or credit union
M0053UBC	Num	813	814	2 12 mos, civ on: bwlng cntr/movie theater
M0053UBD	Num	815	816	2 12 mos, civ on: cmmssry, market, grocery
M0053UBE	Num	817	818	2 12 mos, civ on: clubs/dance/night clubs
M0053UBF	Num	819	820	2 12 mos, civ on: fitness center, gym
M0053UBG	Num	821	822	2 12 mos, civ on: golf course
M0053UBH	Num	823	824	2 12 mos, civ on: library services
M0053UBI	Num	825	826	2 12 mos, civ on: mn exchnng/dprtmnt store
M0053UBJ	Num	827	828	2 12 mos, civ on: outdoor recreation areas
M0053UBK	Num	829	830	2 12 mos, civ on: outdoor rec equip rental
M0053UBL	Num	831	832	2 12 mos, civ on: post office
M0053UBM	Num	833	834	2 12 mos, civ on: recreation center
M0053UBN	Num	835	836	2 12 mos, civ on: rec/lodging/hotel/resort

M0053UBO	Num	837	838	2 12 mos, civ on: shopette/mini-mart
M0053UBP	Num	839	840	2 12 mos, civ on: classVI/pkg store/liquor
M0053UBQ	Num	841	842	2 12 mos, civ on: social act for singles
M00054A	Num	843	844	2 12 mos, used svcs: adult edu/counseling
M00054B	Num	845	846	2 12 mos, used svcs: tuition assistance
M00054C	Num	847	848	2 12 mos, used svcs: tech/vocational prgrm
M00054D	Num	849	850	2 12 mos, used svcs: basic skills edu
M00055CA	Num	851	852	2 Limit, commissary: prices
M00055CB	Num	853	854	2 Limit, commissary: stock
M00055CC	Num	855	856	2 Limit, commissary: hours
M00055CD	Num	857	858	2 Limit, commissary: distance
M00055CE	Num	859	860	2 Limit, commissary: the law doesn't allow
M00055EA	Num	861	862	2 Limit, exchange: prices
M00055EB	Num	863	864	2 Limit, exchange: stock
M00055EC	Num	865	866	2 Limit, exchange: hours
M00055ED	Num	867	868	2 Limit, exchange: distance
M00056	Num	869	870	2 Extent fam saves using commissary
M00057	Num	871	872	2 Do you currently use the EXCHANGE
M00058	Num	873	874	2 How long take to get to closest exchange
M00059	Num	875	876	2 Rate mrchndise slctn at closest exchange
M00060	Num	877	878	2 Rate prices at closest exchange
M00061	Num	879	880	2 Which Svc's exchange do you shop most
M00062	Num	881	882	2 Average savings available at exchange
M00063	Num	883	884	2 Your shopping prvlgs limited at exchange
M00064	Num	885	886	2 Exchange mrchndise be ordered on Intrnt
M00065	Num	887	888	2 Now using/or eligible for edu benefit
M00065SK	Num	889	890	2 Now using/or eligible for edu benefit-SK
M00066A	Num	891	892	2 Edu benefits elig: state bnft for svc
M00066B	Num	893	894	2 Edu benefits elig: MGB for slct Rsrv
M00066C	Num	895	896	2 Edu benefits elig: MGB-slct Rsrv Kckr
M00066D	Num	897	898	2 Edu benefits elig: Active Force bnfts
M00066E	Num	899	900	2 Edu benefits elig: MGB-Actv Duty Kckr
M00066F	Num	901	902	2 Edu benefits elig: tuition assistance
M00067A	Num	903	904	2 Edu benefits use: state bnft for svc
M00067B	Num	905	906	2 Edu benefits use: MGB for slct Rsrv
M00067C	Num	907	908	2 Edu benefits use: Active Force bnfts
M00067D	Num	909	910	2 Edu benefits use: ROTC/NROTC schlrshp
M00068A	Num	911	912	2 Interest in mtrl: retirement benefits
M00068B	Num	913	914	2 Interest in mtrl: Survivor Bnft Plan
M00068C	Num	915	916	2 Interest in mtrl: fam bnfts in Rsrvs
M00068D	Num	917	918	2 Interest in mtrl: mobilization info
M00068E	Num	919	920	2 Interest in mtrl: MGB for select Rsrv
M00068F	Num	921	922	2 Interest in mtrl: Civil Relief Act
M00068G	Num	923	924	2 Interest in mtrl: dental insurance
M00068H	Num	925	926	2 Interest in mtrl: medical insurance
M00068I	Num	927	928	2 Interest in mtrl: mobilization prep
M00068J	Num	929	930	2 Interest in mtrl: emplryr/employee ritns
M00069	Num	931	932	2 Do you have med/hospital coverage
M00069SK	Num	933	934	2 Do you have med/hospital coverage-SK
M00070A	Num	935	936	2 Med/hosp coverage: civ employer's plan
M00070B	Num	937	938	2 Med/hosp coverage: school's plan
M00070C	Num	939	940	2 Med/hosp coverage: spouse/fam mem plan

M00070D	Num	941	942	2 Med/hosp coverage: your AD mil cov
M00070E	Num	943	944	2 Med/hosp coverage: spouse AD mil cov
M00070F	Num	945	946	2 Med/hosp coverage: veterans' coverage
M00070G	Num	947	948	2 Med/hosp coverage: other private cov
M00071	Num	949	950	2 How satis with medical insurance cov
M00072	Num	951	952	2 Max cost/month for med ins thru Gd/Resv
M00073	Num	953	954	2 Amt spent on hlth care (you/fam) last yr
M00074	Num	955	956	2 Basic dental avail as mem Selected Resv
M00075	Num	957	958	2 Do you have any dental coverage(s)
M00075SK	Num	959	960	2 Do you have any dental coverage(s)-SK
M00076A	Num	961	962	2 Dental coverage: civ employer's plan
M00076B	Num	963	964	2 Dental coverage: spse/fam mem emp plan
M00076C	Num	965	966	2 Dental coverage: your AD mil coverage
M00076D	Num	967	968	2 Dental coverage: spouse AD mil cov
M00076E	Num	969	970	2 Dental coverage: veterans' (VA) cov
M00076F	Num	971	972	2 Dental coverage: other private cov
M00077	Num	973	974	2 How satis with civ dental insurance
M00078	Num	975	976	2 Actvly consider change/get dental ins
M00078SK	Num	977	978	2 Actvly consider change/get dental ins-SK
M00079	Num	979	980	2 Max cost enroll yourself in comp dntl
M00080	Num	981	982	2 Max cost enroll self/fam in comp dntl
XMIMPX	Num	983	984	2 CONSTRUCTED GENDER
R2XRETH1	Num	985	986	2 CONSTRUCTED RACE/ETHNICITY2 STATUS
RM0084	Num	987	988	2 Are you a citizen of the United States
M00085	Num	989	990	2 Parent/guard in mil when you were born
M00086A	Num	991	992	2 Did you vote in the last local election
M00086B	Num	993	994	2 Did you vote last presidential election
RM0087	Num	995	996	2 Which describes where you live now
M00088	Num	997	998	2 How long lived in present neighborhood
RSRED	Num	999	1000	2 Highest degree/level schl you will compl
RM0091	Num	1001	1002	2 What kind of civ schl curr enrolled in
M00092A	Num	1003	1004	2 Fam/others encour NG/R: father/male grdn
M00092B	Num	1005	1006	2 Fam/others encour NG/R: mother/fem grdn
M00092C	Num	1007	1008	2 Fam/others encour NG/R: brothers/stepbro
M00092D	Num	1009	1010	2 Fam/others encour NG/R: sisters/stepsis
M00092E	Num	1011	1012	2 Fam/others encour NG/R: personal friends
M00092F	Num	1013	1014	2 Fam/others encour NG/R: teachers(s)
M00093A1	Num	1015	1016	2 Fthr/stpfthr/male grdn: never served
M00093A2	Num	1017	1018	2 Fthr/stpfthr/male grdn: currently srvng
M00093A3	Num	1019	1020	2 Fthr/stpfthr/male grdn: srvd < 8 years
M00093A4	Num	1021	1022	2 Fthr/stpfthr/male grdn: srvd > 8 years
M00093A5	Num	1023	1024	2 Fthr/stpfthr/male grdn: retired from mil
M00093B1	Num	1025	1026	2 Mthr/stpmthr/fml grdn: never served
M00093B2	Num	1027	1028	2 Mthr/stpmthr/fml grdn: currently srvng
M00093B3	Num	1029	1030	2 Mthr/stpmthr/fml grdn: srvd < 8 years
M00093B4	Num	1031	1032	2 Mthr/stpmthr/fml grdn: srvd > 8 years
M00093B5	Num	1033	1034	2 Mthr/stpmthr/fml grdn: retired from mil
M00093C1	Num	1035	1036	2 Brothers/stepbrothers: never served
M00093C2	Num	1037	1038	2 Brothers/stepbrothers: currently srvng
M00093C3	Num	1039	1040	2 Brothers/stepbrothers: srvd < 8 years
M00093C4	Num	1041	1042	2 Brothers/stepbrothers: srvd > 8 years
M00093C5	Num	1043	1044	2 Brothers/stepbrothers: retired from mil

M00093D1	Num	1045	1046	2 Sisters/stepsisters: never served
M00093D2	Num	1047	1048	2 Sisters/stepsisters: currently srvng
M00093D3	Num	1049	1050	2 Sisters/stepsisters: srvd < 8 years
M00093D4	Num	1051	1052	2 Sisters/stepsisters: srvd > 8 years
M00093D5	Num	1053	1054	2 Sisters/stepsisters: retired from mil
M00093E1	Num	1055	1056	2 Personal friends: never served
M00093E2	Num	1057	1058	2 Personal friends: currently srvng
M00093E3	Num	1059	1060	2 Personal friends: srvd < 8 years
M00093E4	Num	1061	1062	2 Personal friends: srvd > 8 years
M00093E5	Num	1063	1064	2 Personal friends: retired from mil
M00093F1	Num	1065	1066	2 Teacher(s): never served
M00093F2	Num	1067	1068	2 Teacher(s): currently srvng
M00093F3	Num	1069	1070	2 Teacher(s): srvd < 8 years
M00093F4	Num	1071	1072	2 Teacher(s): srvd > 8 years
M00093F5	Num	1073	1074	2 Teacher(s): retired from mil
M00093A	Num	1075	1076	2 Fam/oth in mil: father/stepfath/male gdn
M00093B	Num	1077	1078	2 Fam/oth in mil: mother/stepmoth/fem gdn
M00093C	Num	1079	1080	2 Fam/oth in mil: brothers/stepbrothers
M00093D	Num	1081	1082	2 Fam/oth in mil: sisters/stepsisters
M00093E	Num	1083	1084	2 Fam/oth in mil: personal friends
M00093F	Num	1085	1086	2 Fam/oth in mil: teachers
M00094	Num	1087	1088	2 Child 10/older, talk future job/edu
M00094SK	Num	1089	1090	2 Child 10/older, talk future job/edu-SK
M00095	Num	1091	1092	2 Encourage children to consider mil
M00096A	Num	1093	1094	2 Future, pos/neg: military in general
M00096B	Num	1095	1096	2 Future, pos/neg: career opps in mil
M00096C	Num	1097	1098	2 Future, pos/neg: srv in mil not career
M00096D	Num	1099	1100	2 Future, pos/neg: part time (NG/R) opps
M00096E	Num	1101	1102	2 Future, pos/neg: career opp civ/Fed
M00096F	Num	1103	1104	2 Future, pos/neg: career opp prvt sec
M00096G	Num	1105	1106	2 Future, pos/neg: seeking college educ
M00097A	Num	1107	1108	2 View your part in NG/R: your spouse
M00097B	Num	1109	1110	2 View your part in NG/R: your children
M00097C	Num	1111	1112	2 View your part in NG/R: spouse relatives
M00097D	Num	1113	1114	2 View your part in NG/R: your relatives
M00097E	Num	1115	1116	2 View your part in NG/R: your neighbors
M00097F	Num	1117	1118	2 View your part in NG/R: civilian supv
M00097G	Num	1119	1120	2 View your part in NG/R: civ co-workers
M00097H	Num	1121	1122	2 View your part in NG/R: NG/R unit mems
M00098	Num	1123	1124	2 Have you used a personal computer
M00098SK	Num	1125	1126	2 Have you used a personal computer-SK
M00098WA	Num	1127	1128	2 Used in 12 mos: a personal computer (PC)
M00098WB	Num	1129	1130	2 Used in 12 mos: internet applnce, Web TV
M00098WC	Num	1131	1132	2 Used in 12 mos: hand device, Palm Pilot
M00098WD	Num	1133	1134	2 Used in 12 mos: none of the above
M00098WS	Num	1135	1136	2 Used in 12 mos: none of the above-SK
M00099A	Num	1137	1138	2 Last yr, used PC: home/residence
M00099B	Num	1139	1140	2 Last yr, used PC: civilian work/office
M00099C	Num	1141	1142	2 Last yr, used PC: Res/Gd duty sta/armr
M00099D	Num	1143	1144	2 Last yr, used PC: instll/ship library
M00099E	Num	1145	1146	2 Last yr, used PC: instll/ship rec ctr
M00099F	Num	1147	1148	2 Last yr, used PC: instll/ship educ ctr

M00099G	Num	1149	1150	2 Last yr, used PC: instll/ship fam ctr
M00099H	Num	1151	1152	2 Last yr, used PC: other military loc
M00099I	Num	1153	1154	2 Last yr, used PC: other non-mil loc
M00100	Num	1155	1156	2 Do you have access to Internet/WWW
M00100SK	Num	1157	1158	2 Do you have access to Internet/WWW-SK
M00100WA	Num	1159	1160	2 Access WWW in 12 mos: PC
M00100WB	Num	1161	1162	2 Access WWW in 12 mos: Web TV
M00100WC	Num	1163	1164	2 Access WWW in 12 mos: Palm Pilot
M00100WD	Num	1165	1166	2 Access WWW in 12 mos: none of above
M00100WS	Num	1167	1168	2 Access WWW in 12 mos: none of above-SK
M00101	Num	1169	1170	2 Which loc most freq access Internet
XMIMPM	Num	1171	1172	2 CONSTRUCTED MARITAL STATUS
SRMARSSK	Num	1173	1174	2 What is your current marital status-SK
M00103	Num	1175	1176	2 How many yrs married to current spouse
M00104A	Num	1177	1178	2 Spouse working full-time Fed civ job
M00104B	Num	1179	1180	2 Spouse working part-time Fed civ job
M00104C	Num	1181	1182	2 Spouse working full-time civ (not Fed)
M00104D	Num	1183	1184	2 Spouse working part-time civ (not Fed)
M00104E	Num	1185	1186	2 Spouse manage/work in family business
M00104F	Num	1187	1188	2 Spouse self-emp own business/prof
M00104G	Num	1189	1190	2 Spouse unpaid worker (volunteer)
M00104H	Num	1191	1192	2 Spouse unemployed and looking for job
M00104I	Num	1193	1194	2 Spouse unemp/not looking/wants job
M00104J	Num	1195	1196	2 Spouse unemp/not looking/not want job
M00104K	Num	1197	1198	2 Spouse in school
M00104L	Num	1199	1200	2 Spouse retired
M00104M	Num	1201	1202	2 Spouse a homemaker, housewife/husband
M00104N	Num	1203	1204	2 Spouse working multiple jobs
M00104O	Num	1205	1206	2 Spouse working temporary job(s)
M00105	Num	1207	1208	2 Spouse speak English main lang at home
M00106	Num	1209	1210	2 Extnt you/spouse agree civ career plan
M00107	Num	1211	1212	2 Degree you/spouse agree mil career pln
M00108	Num	1213	1214	2 Spouse sprt stay in mil chg past year
M00109	Num	1215	1216	2 Crnt spouse evr in mil, AD or NG/R
M00109S1	Num	1217	1218	2 Crnt spouse evr in mil, AD or NG/R-S1
M00109S2	Num	1219	1220	2 Crnt spouse evr in mil, AD or NG/R-S2
RM00110	Num	1221	1222	2 Prsntly assigned to same loc as spouse
M00111	Num	1223	1224	2 Spouse evr mobil/dply as mem NG/R
M00111SK	Num	1225	1226	2 Spouse evr mobil/dply as mem NG/R-SK
RM112TOT	Num	1227	1228	2 Total number operations sps mobil/dply
RM112AA	Num	1229	1230	2 Sps mobil/dply: Desert Shield/Storm
M00112SA	Num	1231	1232	2 Sps mobil/dply: Desert Shield/Storm-SK
M00112SB	Num	1233	1234	2 Sps mobil/dply: Saudi (8/92-pres)-SK
M00112SC	Num	1235	1236	2 Sps mobil/dply: Cntm, Hurricane Mitch-SK
M00112SD	Num	1237	1238	2 Sps mobil/dply: Rstr/Uphld Dm (Haiti)-SK
M00112SE	Num	1239	1240	2 Sps mobil/dply: Dsrt fx/Irq (SW Asia)-SK
M00112SF	Num	1241	1242	2 Sps mobil/dply: Jt Frq/Gd/Ed (Bosnia)-SK
M00112SG	Num	1243	1244	2 Sps mobil/dply: Rstr/Cnt Hp (Somalia)-SK
M00112SH	Num	1245	1246	2 Sps mobil/dply: Jt Task Force (Cuba)-SK
M00112SI	Num	1247	1248	2 Sps mobil/dply: Allied Force (Kosovo)-SK
M00112SJ	Num	1249	1250	2 Sps mobil/dply: other mobil/deploy 1-SK
M00112SK	Num	1251	1252	2 Sps mobil/dply: other mobil deploy 2-SK

M00113A	Num	1253	1254	2 Prob for fam time away weekend drills
M00113B	Num	1255	1256	2 Prob for fam time away Ann'I Trn/ACDUTRA
M00113C	Num	1257	1258	2 Prob for fam xtra time at NG/R activity
M00113D	Num	1259	1260	2 Prob for fam time away for mobil/depl
M00114	Num	1261	1262	2 Legal dependents not incl spouse
M00114SK	Num	1263	1264	2 Legal dependents not incl spouse-SK
M00115A	Num	1265	1266	2 Dep arr workable short term emrg/mobil
M00115B	Num	1267	1268	2 Dep arr workable long term mobil/dply
RM00116	Num	1269	1270	2 Sps/chld/lgl dep in EFMP/CG Spcl Need
RM00117	Num	1271	1272	2 Any dep (not sps) need spcl treatment
RM00118A	Num	1273	1274	2 How many child/dep less than 1 yr old
RM00118B	Num	1275	1276	2 How many child/dep 1 yr < 2 yrs old
RM00118C	Num	1277	1278	2 How many child/dep 2 - 5 years old
RM00118D	Num	1279	1280	2 How many child/dep 6 - 13 years old
RM00118E	Num	1281	1282	2 How many child/dep 14 - 22 years old
RM00118F	Num	1283	1284	2 How many child/dep 23 - 64 years old
RM00118G	Num	1285	1286	2 How many child/dep 65 yrs old or older
RDEPNUM1	Num	1287	1288	2 Total Number of Dependents
RM00119A	Num	1289	1290	2 Child/dep live w/you less than 1 yr old
RM00119B	Num	1291	1292	2 Child/dep live w/you 1-under 2 yrs old
RM00119C	Num	1293	1294	2 Child/dep live w/you 2 - 5 years old
RM00119D	Num	1295	1296	2 Child/dep live w/you 6 - 13 years old
RM00119E	Num	1297	1298	2 Child/dep live w/you 14 - 22 years old
RM00119F	Num	1299	1300	2 Child/dep live w/you 23 - 64 years old
RM00119G	Num	1301	1302	2 Child/dep live w/you 65 or older
RDEPNUM2	Num	1303	1304	2 Total Number Dependents Living With You
M00120	Num	1305	1306	2 Crgvr rsp for eldrly fam mbr, no
M00120N	Num	1307	1308	2 Crgvr rsp for eldrly fam mbr, how many
M00120SK	Num	1309	1310	2 Caregiver rsp for eldrly fam member-SK
M00121	Num	1311	1312	2 Past 12 mo, lost time for caregiving
M00122SK	Num	1313	1314	2 Current FT active duty AGR, TAR, AR-SK
M00123	Num	1315	1316	2 In 1999, did you have a civ job
M00123SK	Num	1317	1318	2 In 1999, did you have a civ job-SK
M00124	Num	1319	1320	2 How int in NG/R job similar to civ job
M00125A	Num	1321	1322	2 Civ job are you MD, RN, DDS, optmtrst
M00125B	Num	1323	1324	2 Civ job are you pilot/navigator
M00125C	Num	1325	1326	2 Civ job are you IT, programmer, etc.
M00125D	Num	1327	1328	2 Civ job are you clergy
M00125E	Num	1329	1330	2 Civ job are you lawyer
RM00126A	Num	1331	1332	2 Currently: mem FT AD prog, wrk civ job
RM00126B	Num	1333	1334	2 Currently: wrk FT, A/AFNG/R mil tech
RM00126C	Num	1335	1336	2 Currently: wrk FT in a civilian job
RM00126D	Num	1337	1338	2 Currently: wrk PT in a civilian job
RM00126E	Num	1339	1340	2 Currently: employed civ job, temp ill
RM00126F	Num	1341	1342	2 Currently: manage/work in fam business
RM00126G	Num	1343	1344	2 Currently: self-employed own bus/prof
RM00126H	Num	1345	1346	2 Currently: unpaid worker (volunteer)
RM00126I	Num	1347	1348	2 Currently: unemployed, looking for job
RM00126J	Num	1349	1350	2 Currently: unmplyd, not lk, like emply
RM00126K	Num	1351	1352	2 Currently: unmplyd, not lk, not want
RM00126L	Num	1353	1354	2 Currently: in school
RM00126M	Num	1355	1356	2 Currently: retired

RM00126N	Num	1357	1358	2 Currently: homemaker, hsewife/husband
RM00126O	Num	1359	1360	2 Currently: working multiple jobs
RM00126P	Num	1361	1362	2 Currently: working temporary job(s)
M00127	Num	1363	1364	2 1999, wks w/o civ job looking for job
M00128	Num	1365	1366	2 1999, did you do any civ work for pay
M00128SK	Num	1367	1368	2 1999, do any civ work for pay-SK
RM00132	Num	1369	1370	2 Which best dscrbs civ employer in '99
M00133	Num	1371	1372	2 1999, emplmnt status primary civ job
M00134A	Num	1373	1374	2 Typical wk, days worked civ job: Sun
M00134B	Num	1375	1376	2 Typical wk, days worked civ job: Mon
M00134C	Num	1377	1378	2 Typical wk, days worked civ job: Tues
M00134D	Num	1379	1380	2 Typical wk, days worked civ job: Wed
M00134E	Num	1381	1382	2 Typical wk, days worked civ job: Thurs
M00134F	Num	1383	1384	2 Typical wk, days worked civ job: Fri
M00134G	Num	1385	1386	2 Typical wk, days worked civ job: Sat
M00135	Num	1387	1388	2 1999, hours per week at main civ job
M00136	Num	1389	1390	2 1999, hours per week at all civ jobs
M00137	Num	1391	1392	2 1999, work over 40 hrs main civ job
M00137SK	Num	1393	1394	2 1999, work over 40 hrs main civ job-SK
M00138	Num	1395	1396	2 1999, number wks over 40 main civ job
M00139A	Num	1397	1398	2 1999, overtime comp: not paid extra
M00139B	Num	1399	1400	2 1999, overtime comp: rec'd comp time
M00139C	Num	1401	1402	2 1999, overtime comp: pd at reg pay rate
M00139D	Num	1403	1404	2 1999, overtime comp: pd time and a half
M00139E	Num	1405	1406	2 1999, overtime comp: pd double time
M00139F	Num	1407	1408	2 1999, overtime comp: pd more than dbl tm
M00139G	Num	1409	1410	2 1999, overtime comp: received bonus
M00139H	Num	1411	1412	2 1999, overtime comp: recd fees/commissn
M00140	Num	1413	1414	2 1999, 2nd civ job & primary civ job
M00140SK	Num	1415	1416	2 1999, 2nd civ job & primary civ job-SK
M00141A	Num	1417	1418	2 Second job due: need income
M00141B	Num	1419	1420	2 Second job due: extra income
M00141C	Num	1421	1422	2 Second job due: saving for future need
M00141D	Num	1423	1424	2 Second job due: independence
M00141E	Num	1425	1426	2 Second job due: self-esteem
M00141F	Num	1427	1428	2 Second job due: enjymnt of work itself
M00141G	Num	1429	1430	2 Second job due: exprnc non-mil career
M00142	Num	1431	1432	2 1999, overtime lost due to NG/R resp
M00143	Num	1433	1434	2 Were you self-employed in 1999
M00143SK	Num	1435	1436	2 Were you self-employed in 1999-SK
M00144A	Num	1437	1438	2 Got time off civ job: mil schooling
M00144B	Num	1439	1440	2 Got time off civ job: Annl Trn/ACDUTRA
M00144C	Num	1441	1442	2 Got time off civ job: required drills
M00145A	Num	1443	1444	2 How pd for NG/R time: military schooling
M00145B	Num	1445	1446	2 How pd for NG/R time: Ann'l Trn/ACDUTRA
M00145C	Num	1447	1448	2 How pd for NG/R time: required drills
M00146A	Num	1449	1450	2 Prob for empl: away for rqrd drills
M00146B	Num	1451	1452	2 Prob for empl: away for Trn/ACDUTRA
M00146C	Num	1453	1454	2 Prob for empl: extra time on NG/R actv
M00146D	Num	1455	1456	2 Prob for empl: away for mobil/deploy
M00147	Num	1457	1458	2 How similar civ job to NG/Reserve duty
M00148A	Num	1459	1460	2 Lv coll/educ trn mobil/dply: no

M00148B	Num	1461	1462	2 Lv coll/educ trn mobil/dply: yes-invol
M00148C	Num	1463	1464	2 Lv coll/educ trn mobil/dply: yes-vol
M00148SK	Num	1465	1466	2 Lv coll/educ trn mobil/dply: no-SK
M00148CN	Num	1467	1468	2 Consistency check for question 148
M00149A	Num	1469	1470	2 Educ prog enrolled in: coll/univ, pblc
RM00149B	Num	1471	1472	2 Educ prog enrolled in: coll/univ, prvt
RM149CD	Num	1473	1474	2 Educ prog enrolled in: technical trn
RM00149E	Num	1475	1476	2 Educ prog enrolled in: cont prof educ
M00149F	Num	1477	1478	2 Educ prog enrolled in: none of above
M00149CN	Num	1479	1480	2 Consistency check for question 149
M00150A	Num	1481	1482	2 Able to: get full rfnd for tuition/fee
M00150B	Num	1483	1484	2 Able to: get partial rfnd for tuition
M00150C	Num	1485	1486	2 Able to: get crdt for coursewrk complt
M00150D	Num	1487	1488	2 Able to: re-enroll after mil duty
M00151	Num	1489	1490	2 Prtcptd in cmptr-based dstnc learning
M00152	Num	1491	1492	2 Which best dscrbs your financial cndtn
M00153	Num	1493	1494	2 How do you feel about your family income
M00154A	Num	1495	1496	2 12 mos income: a second job
RM154BC	Num	1497	1498	2 12 mos income: alimony or child support
M00154E	Num	1499	1500	2 12 mos income: unmplymnt/Wrkr's comp
M00154F	Num	1501	1502	2 12 mos income: State-funded childcare
RM00154G	Num	1503	1504	2 12 mos income: WIC
RM00154K	Num	1505	1506	2 12 mos income: Medicaid
RM154_OW	Num	1507	1508	2 Other public welfare
M00154M	Num	1509	1510	2 12 mos income: interest/dvndnds, savings
M00154N	Num	1511	1512	2 12 mos income: stocks/bonds
M00154O	Num	1513	1514	2 12 mos income: pension from gov emplymnt
RM154PS	Num	1515	1516	2 12 mos inc: pension frm prv emplymnt/SS
M00154Q	Num	1517	1518	2 12 mos income: veterans benefits/pension
M00154R	Num	1519	1520	2 12 mos income: GI Bill
M00155	Num	1521	1522	2 What is your total monthly gross
M00156	Num	1523	1524	2 Which reflects how you use your mil incm
RM157AC	Num	1525	1526	2 Child Spprt/Alimony: You pay spprt/almny
M00157B	Num	1527	1528	2 Child support/Alimony: Spouse pays spprt
M00157D	Num	1529	1530	2 Child support/Alimony: Spouse pay almny
M00158A	Num	1531	1532	2 12 mo event: bounced 2 or more checks
RM158BG	Num	1533	1534	2 12 mo event: late pay ltr commnd officer
M00158C	Num	1535	1536	2 12 mo event: had wages garnished
M00158D	Num	1537	1538	2 12 mo event: behind on rent or mortgage
M00158E	Num	1539	1540	2 12 mo event: behind cr cd, AAFES, NEXCOM
M00158F	Num	1541	1542	2 12 mo event: dunned by stores, creditors
M00158H	Num	1543	1544	2 12 mo event: pawned/sold valuables
RM158IJ	Num	1545	1546	2 12 mo event: borrow from friend/relative
M00158K	Num	1547	1548	2 12 mo event: utilities shut off
RM00158L	Num	1549	1550	2 12 mo event: car, appl, furn repossessed
M00158M	Num	1551	1552	2 12 mo event: went bankrupt
RM00159A	Num	1553	1554	2 Avg monthly amount spent: rent/mortgage
RM00159B	Num	1555	1556	2 Avg monthly amount spent: utilities
RM00159C	Num	1557	1558	2 Avg monthly amount spent: maintenance
RM00159D	Num	1559	1560	2 Avg monthly amount spent: loans on cars
RM00159E	Num	1561	1562	2 Avg monthly amount spent: groceries
RM00159F	Num	1563	1564	2 Avg monthly amount spent: other

M00160	Num	1565	1566	2 Pymnts made last mo to cover prsnl debt
M00161	Num	1567	1568	2 After last pymnt, total amount still owe
M00162	Num	1569	1570	2 Total amount of savings you have
M00163	Num	1571	1572	2 Do you rent or own prncpl residence
M00163SK	Num	1573	1574	2 Do you rent or own prncpl residence-SK
M00164	Num	1575	1576	2 How long rented/owned current rsdnc
M00165SK	Num	1577	1578	2 Member of FT AD Nat'l Grd/Rsrv prgrm-SK
M00166A	Num	1579	1580	2 In next yr plan: retire
M00166B	Num	1581	1582	2 In next yr plan: leave Nat'l Guard/Rsrv
M00166C	Num	1583	1584	2 In next yr plan: trnsfr to active comp
M00166D	Num	1585	1586	2 In next yr plan: trnsfr Nat'l Grd comp
M00166E	Num	1587	1588	2 In next yr plan: drilling unit member
M00166F	Num	1589	1590	2 In next yr plan: trnsfr IMA program
M00166G	Num	1591	1592	2 In next yr plan: trnsfr to IRR/ING
M00166H	Num	1593	1594	2 In next yr plan: remain as AGR/TAR/AR
M00167	Num	1595	1596	2 How lkly would you be to find civ job
M00168	Num	1597	1598	2 Mos assign an AGR/TAR/AR to prsnt post
M00169	Num	1599	1600	2 How much longer expect to be at loc
M00170	Num	1601	1602	2 Times mvd to new loc because of PCS
M00170SK	Num	1603	1604	2 Times mvd to new loc because of PCS-SK
M00171A	Num	1605	1606	2 Recent PCS, prob: higher cost of lvng
M00171B	Num	1607	1608	2 Recent PCS, prob: move, set-up hsehld
M00171C	Num	1609	1610	2 Recent PCS, prob: temp lodging expense
M00171D	Num	1611	1612	2 Recent PCS, prob: cost, set-up rsdnc
M00171E	Num	1613	1614	2 Recent PCS, prob: transportation costs
M00171F	Num	1615	1616	2 Recent PCS, prob: finding civ emplymnt
M00171G	Num	1617	1618	2 Recent PCS, prob: continue education
M00171H	Num	1619	1620	2 Recent PCS, prob: continue spouse edu
M00171I	Num	1621	1622	2 Recent PCS, prob: trnsfrblty of crdts
M00171J	Num	1623	1624	2 Recent PCS, prob: finding perm housing
M00171K	Num	1625	1626	2 Recent PCS, prob: find shopping areas
M00171L	Num	1627	1628	2 Recent PCS, prob: children adjusting
M00171M	Num	1629	1630	2 Recent PCS, prob: spouse adjusting
M00171N	Num	1631	1632	2 Recent PCS, prob: adjusting yourself
M00171O	Num	1633	1634	2 Recent PCS, prob: med care for EFP mem
M00171P	Num	1635	1636	2 Recent PCS, prob: edu facility for EFP
M00172	Num	1637	1638	2 Times sps mv to new loc because of PCS
M00173	Num	1639	1640	2 Do you perform volunteer work
M00173S1	Num	1641	1642	2 Do you perform volunteer work-SK
M00173S2	Num	1643	1644	2 Do you perform volunteer work-SK
M00174A	Num	1645	1646	2 Avg hrs volunteer: Nat'l Guard/Reserve
M00174B	Num	1647	1648	2 Avg hrs volunteer: other dfns/svc grp
M00174C	Num	1649	1650	2 Avg hrs volunteer: civ organization
M00174SK	Num	1651	1652	2 Average hours in month volunteer-SK
M00175A	Num	1653	1654	2 Prevent volunteer: I do not have time
M00175B	Num	1655	1656	2 Prevent volunteer: I am not interested
M00175C	Num	1657	1658	2 Prevent volunteer: location
M00175D	Num	1659	1660	2 Prevent volunteer: time actvty schldd
M00175E	Num	1661	1662	2 Prevent volunteer: lack of childcare
M00175F	Num	1663	1664	2 Prevent volunteer: no transportation
M00175G	Num	1665	1666	2 Prevent volunteer: not been asked
M00175H	Num	1667	1668	2 Prevent volunteer: physically unable

M00176A	Num	1669	1670	2 Feel amnt spent, actvty: civilian job
M00176B	Num	1671	1672	2 Feel amnt spent, actvty: family actvty
M00176C	Num	1673	1674	2 Feel amnt spent, actvty: leisure actvty
M00176D	Num	1675	1676	2 Feel amnt spent, actvty: Nat'l Grd/Rsrv
M00176E	Num	1677	1678	2 Feel amnt spent, actvty: cmmnty actvty
M00177A	Num	1679	1680	2 Stsfd w/feature: basic pay
M00177B	Num	1681	1682	2 Stsfd w/feature: special/incentive pay
M00177C	Num	1683	1684	2 Stsfd w/feature: recruit/retention bonus
M00177D	Num	1685	1686	2 Stsfd w/feature: commissary privileges
M00177E	Num	1687	1688	2 Stsfd w/feature: exchange privileges
M00177F	Num	1689	1690	2 Stsfd w/feature: morale/wlfr/rec prvlgs
M00177G	Num	1691	1692	2 Stsfd w/feature: retirement pay
M00177H	Num	1693	1694	2 Stsfd w/feature: COLA to retirement pay
M00177I	Num	1695	1696	2 Stsfd w/feature: other retirement bnfts
M00177J	Num	1697	1698	2 Stsfd w/feature: educational benefits
M00177K	Num	1699	1700	2 Stsfd w/feature: frequency of moves
M00177L	Num	1701	1702	2 Stsfd w/feature: amount of discipline
M00177M	Num	1703	1704	2 Stsfd w/feature: opp to serve country
M00177N	Num	1705	1706	2 Stsfd w/feature: respect from Actv comp
M00177O	Num	1707	1708	2 Stsfd w/feature: prtcpn, Nat'l Grd/Rsrv
M00178A	Num	1709	1710	2 Agr/Dis, mil life: mil life what expctd
M00178B	Num	1711	1712	2 Agr/Dis, mil life: good retirement bnfts
M00178C	Num	1713	1714	2 Agr/Dis, mil life: not keep up w/infltn
M00179A	Num	1715	1716	2 Stsfd, loc now: climate
M00179B	Num	1717	1718	2 Stsfd, loc now: cost of residence
M00179C	Num	1719	1720	2 Stsfd, loc now: distance to workplace
M00179D	Num	1721	1722	2 Stsfd, loc now: distance to shopping
M00179E	Num	1723	1724	2 Stsfd, loc now: distance to rec areas
M00179F	Num	1725	1726	2 Stsfd, loc now: safety of area live in
M00179G	Num	1727	1728	2 Stsfd, loc now: cost of living
M00179H	Num	1729	1730	2 Stsfd, loc now: avlbty of mil housing
M00179I	Num	1731	1732	2 Stsfd, loc now: quality of mil housing
M00179J	Num	1733	1734	2 Stsfd, loc now: avlbty of civ housing
M00179K	Num	1735	1736	2 Stsfd, loc now: avlbty of goods/svcs
M00179L	Num	1737	1738	2 Stsfd, loc now: recreational facilities
M00179M	Num	1739	1740	2 Stsfd, loc now: attitude of local rsdnts
M00179N	Num	1741	1742	2 Stsfd, loc now: avlbty of Fed emplymnt
M00179O	Num	1743	1744	2 Stsfd, loc now: avlbty, other civ emply
M00179P	Num	1745	1746	2 Stsfd, loc now: quality of school
M00179Q	Num	1747	1748	2 Stsfd, loc now: avlbty of med care, you
M00179R	Num	1749	1750	2 Stsfd, loc now: quality of med care, you
M00179S	Num	1751	1752	2 Stsfd, loc now: avlbty of med care, sps
M00179T	Num	1753	1754	2 Stsfd, loc now: quality of med care, sps
M00179U	Num	1755	1756	2 Stsfd, loc now: avlbty mil fam prg/svc
REQUEST	Num	1757	1758	2 Would you like to know results of survey
SRDATE1	Num	1765	1772	8 On what date did you complete survey
COMMENT	Num	1773	1774	2 If you have comments, please print them
CAS_ELIG	Char	1775	1789	15 CASRO eligibility disposition code
ELIGFLGW	Num	1790	1791	2 ELIGIBLE FLAG
POPTVSTR	Num	1792	1811	20 Taylor Series Variance Strata Population
PSCC	Num	1812	1831	20 Poststratification collapsed cell
PSF0	Num	1832	1851	20 Poststratification adjustment factor

PSFLG	Num	1852	1853	2 Poststratification flag
PSTATUS	Num	1854	1855	2 Post-stratification Disp Code for Form M
PSTCELL	Num	1856	1875	20 Postratification Cell
PSTSTR	Num	1876	1895	20 Final Postratification Cell
PSW0	Num	1896	1915	20 Final poststratified weight
PSW001	Num	1916	1935	20 Final Postratif Weight for Replicate 1
PSW002	Num	1936	1955	20 Final Postratif Weight for Replicate 2
PSW003	Num	1956	1975	20 Final Postratif Weight for Replicate 3
PSW004	Num	1976	1995	20 Final Postratif Weight for Replicate 4
PSW005	Num	1996	2015	20 Final Postratif Weight for Replicate 5
PSW006	Num	2016	2035	20 Final Postratif Weight for Replicate 6
PSW007	Num	2036	2055	20 Final Postratif Weight for Replicate 7
PSW008	Num	2056	2075	20 Final Postratif Weight for Replicate 8
PSW009	Num	2076	2095	20 Final Postratif Weight for Replicate 9
PSW010	Num	2096	2115	20 Final Postratif Weight for Replicate 10
PSW011	Num	2116	2135	20 Final Postratif Weight for Replicate 11
PSW012	Num	2136	2155	20 Final Postratif Weight for Replicate 12
PSW013	Num	2156	2175	20 Final Postratif Weight for Replicate 13
PSW014	Num	2176	2195	20 Final Postratif Weight for Replicate 14
PSW015	Num	2196	2215	20 Final Postratif Weight for Replicate 15
PSW016	Num	2216	2235	20 Final Postratif Weight for Replicate 16
PSW017	Num	2236	2255	20 Final Postratif Weight for Replicate 17
PSW018	Num	2256	2275	20 Final Postratif Weight for Replicate 18
PSW019	Num	2276	2295	20 Final Postratif Weight for Replicate 19
PSW020	Num	2296	2315	20 Final Postratif Weight for Replicate 20
PSW021	Num	2316	2335	20 Final Postratif Weight for Replicate 21
PSW022	Num	2336	2355	20 Final Postratif Weight for Replicate 22
PSW023	Num	2356	2375	20 Final Postratif Weight for Replicate 23
PSW024	Num	2376	2395	20 Final Postratif Weight for Replicate 24
PSW025	Num	2396	2415	20 Final Postratif Weight for Replicate 25
PSW026	Num	2416	2435	20 Final Postratif Weight for Replicate 26
PSW027	Num	2436	2455	20 Final Postratif Weight for Replicate 27
PSW028	Num	2456	2475	20 Final Postratif Weight for Replicate 28
PSW029	Num	2476	2495	20 Final Postratif Weight for Replicate 29
PSW030	Num	2496	2515	20 Final Postratif Weight for Replicate 30
PSW031	Num	2516	2535	20 Final Postratif Weight for Replicate 31
PSW032	Num	2536	2555	20 Final Postratif Weight for Replicate 32
PSW033	Num	2556	2575	20 Final Postratif Weight for Replicate 33
PSW034	Num	2576	2595	20 Final Postratif Weight for Replicate 34
PSW035	Num	2596	2615	20 Final Postratif Weight for Replicate 35
PSW036	Num	2616	2635	20 Final Postratif Weight for Replicate 36
PSW037	Num	2636	2655	20 Final Postratif Weight for Replicate 37
PSW038	Num	2656	2675	20 Final Postratif Weight for Replicate 38
PSW039	Num	2676	2695	20 Final Postratif Weight for Replicate 39
PSW040	Num	2696	2715	20 Final Postratif Weight for Replicate 40
PSW041	Num	2716	2735	20 Final Postratif Weight for Replicate 41
PSW042	Num	2736	2755	20 Final Postratif Weight for Replicate 42
PSW043	Num	2756	2775	20 Final Postratif Weight for Replicate 43
PSW044	Num	2776	2795	20 Final Postratif Weight for Replicate 44
PSW045	Num	2796	2815	20 Final Postratif Weight for Replicate 45
PSW046	Num	2816	2835	20 Final Postratif Weight for Replicate 46
PSW047	Num	2836	2855	20 Final Postratif Weight for Replicate 47

PSW048	Num	2856	2875	20 Final Postratif Weight for Replicate 48
PSW049	Num	2876	2895	20 Final Postratif Weight for Replicate 49
PSW050	Num	2896	2915	20 Final Postratif Weight for Replicate 50
PSW051	Num	2916	2935	20 Final Postratif Weight for Replicate 51
PSW052	Num	2936	2955	20 Final Postratif Weight for Replicate 52
PSW053	Num	2956	2975	20 Final Postratif Weight for Replicate 53
PSW054	Num	2976	2995	20 Final Postratif Weight for Replicate 54
PSW055	Num	2996	3015	20 Final Postratif Weight for Replicate 55
PSW056	Num	3016	3035	20 Final Postratif Weight for Replicate 56
PSW057	Num	3036	3055	20 Final Postratif Weight for Replicate 57
PSW058	Num	3056	3075	20 Final Postratif Weight for Replicate 58
PSW059	Num	3076	3095	20 Final Postratif Weight for Replicate 59
PSW060	Num	3096	3115	20 Final Postratif Weight for Replicate 60
PSW061	Num	3116	3135	20 Final Postratif Weight for Replicate 61
PSW062	Num	3136	3155	20 Final Postratif Weight for Replicate 62
PSW063	Num	3156	3175	20 Final Postratif Weight for Replicate 63
PSW064	Num	3176	3195	20 Final Postratif Weight for Replicate 64
PSW065	Num	3196	3215	20 Final Postratif Weight for Replicate 65
PSW066	Num	3216	3235	20 Final Postratif Weight for Replicate 66
PSW067	Num	3236	3255	20 Final Postratif Weight for Replicate 67
PSW068	Num	3256	3275	20 Final Postratif Weight for Replicate 68
PSW069	Num	3276	3295	20 Final Postratif Weight for Replicate 69
PSW070	Num	3296	3315	20 Final Postratif Weight for Replicate 70
PSW071	Num	3316	3335	20 Final Postratif Weight for Replicate 71
PSW072	Num	3336	3355	20 Final Postratif Weight for Replicate 72
PSW073	Num	3356	3375	20 Final Postratif Weight for Replicate 73
PSW074	Num	3376	3395	20 Final Postratif Weight for Replicate 74
PSW075	Num	3396	3415	20 Final Postratif Weight for Replicate 75
PSW076	Num	3416	3435	20 Final Postratif Weight for Replicate 76
PSW077	Num	3436	3455	20 Final Postratif Weight for Replicate 77
PSW078	Num	3456	3475	20 Final Postratif Weight for Replicate 78
PSW079	Num	3476	3495	20 Final Postratif Weight for Replicate 79
PSW080	Num	3496	3515	20 Final Postratif Weight for Replicate 80
PSW081	Num	3516	3535	20 Final Postratif Weight for Replicate 81
PSW082	Num	3536	3555	20 Final Postratif Weight for Replicate 82
PSW083	Num	3556	3575	20 Final Postratif Weight for Replicate 83
PSW084	Num	3576	3595	20 Final Postratif Weight for Replicate 84
PSW085	Num	3596	3615	20 Final Postratif Weight for Replicate 85
PSW086	Num	3616	3635	20 Final Postratif Weight for Replicate 86
PSW087	Num	3636	3655	20 Final Postratif Weight for Replicate 87
PSW088	Num	3656	3675	20 Final Postratif Weight for Replicate 88
PSW089	Num	3676	3695	20 Final Postratif Weight for Replicate 89
PSW090	Num	3696	3715	20 Final Postratif Weight for Replicate 90
PSW091	Num	3716	3735	20 Final Postratif Weight for Replicate 91
PSW092	Num	3736	3755	20 Final Postratif Weight for Replicate 92
PSW093	Num	3756	3775	20 Final Postratif Weight for Replicate 93
PSW094	Num	3776	3795	20 Final Postratif Weight for Replicate 94
PSW095	Num	3796	3815	20 Final Postratif Weight for Replicate 95
PSW096	Num	3816	3835	20 Final Postratif Weight for Replicate 96
PSW097	Num	3836	3855	20 Final Postratif Weight for Replicate 97
PSW098	Num	3856	3875	20 Final Postratif Weight for Replicate 98
PSW099	Num	3876	3895	20 Final Postratif Weight for Replicate 99

PSW100	Num	3896	3915	20 Final Postratif Weight for Replicate 100
PSW101	Num	3916	3935	20 Final Postratif Weight for Replicate 101
PSW102	Num	3936	3955	20 Final Postratif Weight for Replicate 102
PSW103	Num	3956	3975	20 Final Postratif Weight for Replicate 103
PSW104	Num	3976	3995	20 Final Postratif Weight for Replicate 104
PSW105	Num	3996	4015	20 Final Postratif Weight for Replicate 105
PSW106	Num	4016	4035	20 Final Postratif Weight for Replicate 106
PSW107	Num	4036	4055	20 Final Postratif Weight for Replicate 107
PSW108	Num	4056	4075	20 Final Postratif Weight for Replicate 108
PSW109	Num	4076	4095	20 Final Postratif Weight for Replicate 109
PSW110	Num	4096	4115	20 Final Postratif Weight for Replicate 110
PSW111	Num	4116	4135	20 Final Postratif Weight for Replicate 111
PSW112	Num	4136	4155	20 Final Postratif Weight for Replicate 112
PSW113	Num	4156	4175	20 Final Postratif Weight for Replicate 113
PSW114	Num	4176	4195	20 Final Postratif Weight for Replicate 114
PSW115	Num	4196	4215	20 Final Postratif Weight for Replicate 115
PSW116	Num	4216	4235	20 Final Postratif Weight for Replicate 116
PSW117	Num	4236	4255	20 Final Postratif Weight for Replicate 117
PSW118	Num	4256	4275	20 Final Postratif Weight for Replicate 118
PSW119	Num	4276	4295	20 Final Postratif Weight for Replicate 119
PSW120	Num	4296	4315	20 Final Postratif Weight for Replicate 120
PSW121	Num	4316	4335	20 Final Postratif Weight for Replicate 121
PSW122	Num	4336	4355	20 Final Postratif Weight for Replicate 122
PSW123	Num	4356	4375	20 Final Postratif Weight for Replicate 123
PSW124	Num	4376	4395	20 Final Postratif Weight for Replicate 124
PSW125	Num	4396	4415	20 Final Postratif Weight for Replicate 125
PSW126	Num	4416	4435	20 Final Postratif Weight for Replicate 126
PSW127	Num	4436	4455	20 Final Postratif Weight for Replicate 127
PSW128	Num	4456	4475	20 Final Postratif Weight for Replicate 128
PSW129	Num	4476	4495	20 Final Postratif Weight for Replicate 129
PSW130	Num	4496	4515	20 Final Postratif Weight for Replicate 130
PSW131	Num	4516	4535	20 Final Postratif Weight for Replicate 131
PSW132	Num	4536	4555	20 Final Postratif Weight for Replicate 132
PSW133	Num	4556	4575	20 Final Postratif Weight for Replicate 133
PSW134	Num	4576	4595	20 Final Postratif Weight for Replicate 134
PSW135	Num	4596	4615	20 Final Postratif Weight for Replicate 135
PSW136	Num	4616	4635	20 Final Postratif Weight for Replicate 136
PSW137	Num	4636	4655	20 Final Postratif Weight for Replicate 137
PSW138	Num	4656	4675	20 Final Postratif Weight for Replicate 138
PSW139	Num	4676	4695	20 Final Postratif Weight for Replicate 139
PSW140	Num	4696	4715	20 Final Postratif Weight for Replicate 140
PSW141	Num	4716	4735	20 Final Postratif Weight for Replicate 141
PSW142	Num	4736	4755	20 Final Postratif Weight for Replicate 142
PSW143	Num	4756	4775	20 Final Postratif Weight for Replicate 143
PSW144	Num	4776	4795	20 Final Postratif Weight for Replicate 144
PSW145	Num	4796	4815	20 Final Postratif Weight for Replicate 145
PSW146	Num	4816	4835	20 Final Postratif Weight for Replicate 146
PSW147	Num	4836	4855	20 Final Postratif Weight for Replicate 147
PSW148	Num	4856	4875	20 Final Postratif Weight for Replicate 148
PSW149	Num	4876	4895	20 Final Postratif Weight for Replicate 149
PSW150	Num	4896	4915	20 Final Postratif Weight for Replicate 150
PSW151	Num	4916	4935	20 Final Postratif Weight for Replicate 151

PSW152	Num	4936	4955	20 Final Postratif Weight for Replicate 152
PSW153	Num	4956	4975	20 Final Postratif Weight for Replicate 153
PSW154	Num	4976	4995	20 Final Postratif Weight for Replicate 154
PSW155	Num	4996	5015	20 Final Postratif Weight for Replicate 155
PSW156	Num	5016	5035	20 Final Postratif Weight for Replicate 156
PSW157	Num	5036	5055	20 Final Postratif Weight for Replicate 157
PSW158	Num	5056	5075	20 Final Postratif Weight for Replicate 158
PSW159	Num	5076	5095	20 Final Postratif Weight for Replicate 159
PSW160	Num	5096	5115	20 Final Postratif Weight for Replicate 160
PSW161	Num	5116	5135	20 Final Postratif Weight for Replicate 161
PSW162	Num	5136	5155	20 Final Postratif Weight for Replicate 162
PSW163	Num	5156	5175	20 Final Postratif Weight for Replicate 163
PSW164	Num	5176	5195	20 Final Postratif Weight for Replicate 164
PSW165	Num	5196	5215	20 Final Postratif Weight for Replicate 165
PSW166	Num	5216	5235	20 Final Postratif Weight for Replicate 166
PSW167	Num	5236	5255	20 Final Postratif Weight for Replicate 167
PSW168	Num	5256	5275	20 Final Postratif Weight for Replicate 168
PSW169	Num	5276	5295	20 Final Postratif Weight for Replicate 169
PSW170	Num	5296	5315	20 Final Postratif Weight for Replicate 170
SMPTVSTR	Num	5316	5335	20 Taylor's Series Achieved Smp Size In Var
TVSTR	Num	5336	5355	20 Taylor's Series Variance Strata
ACC_PGM	Char	5356	5357	2 Officer Source of Commission
AGR_SVC	Char	5358	5358	1 Technician/AGR ID
CENREGN	Num	5359	5360	2 Census Region
COMPONEN	Num	5361	5362	2 Military Component
FEMAREGN	Num	5363	5364	2 FEMA Regional Offices
ORG_CD	Char	5365	5366	2 Reserve Component: Strat. Var - Service
PRI OCC	Num	5367	5368	2 Priority Occupations: Stratification Var
PROGRAM	Num	5369	5370	2 Reserve Program
PROGRAM1	Num	5371	5372	2 Reserve Program 1: Stratification Var
R1_JOINT	Num	5373	5374	2 Marriage Category for Sampling
R2_JOINT	Num	5375	5376	2 Joint - Member
R3_JOINT	Num	5377	5378	2 Joint - Collapsed Version of JOINT
RC0MCELL	Num	5379	5382	4 Reservist Member: Stratification Cell
RAGE	Num	5383	5390	8 Recoded age
RSV_CAT	Char	5391	5391	1 Reserve Component Category - RCC
RSV_GRP	Num	5392	5393	2 Reserve Group
RSV_SCAT	Char	5394	5394	1 Training/Retirement Category - TRC
SR_SVC	Num	5395	5396	2 Length Current Selected Reserve Agreeemnt
TITLE	Num	5397	5398	2 Technician/AGR ID
SURVFORM	Num	5399	5400	2 Survey Form

APPENDIX I

NOTES ON ANALYSIS OF THE 2000 DATASET

Variable	Type	Start	Stop	Length	Label
DMDCID_R	Num	1	6	6	DMDC_ID Record Number
XMIMPC	Num	7	8	2	CONSTRUCTED SERVICE COMPONENT
SRSVC1SK	Num	9	10	2	Which Rsrv component are you a member-SK
RM002A	Num	11	12	2	Yrs served in components: USA
RM002B	Num	13	14	2	Yrs served in components: ARNG
RM002C	Num	15	16	2	Yrs served in components: USAR
RM002D	Num	17	18	2	Yrs served in components: USN
RM002E	Num	19	20	2	Yrs served in components: USNR
RM002F	Num	21	22	2	Yrs served in components: USAF
RM002G	Num	23	24	2	Yrs served in components: ANG
RM002H	Num	25	26	2	Yrs served in components: USAFR
RM002I	Num	27	28	2	Yrs served in components: USMC
RM002J	Num	29	30	2	Yrs served in components: USMCR
RM002K	Num	31	32	2	Yrs served in components: USCG
RM002L	Num	33	34	2	Yrs served in components: USCGR
XMIMPPC	Num	35	36	2	Recoded Constructed Member Paygrade
M00004	Num	37	38	2	If stay, when expect select for promo
M00004SK	Num	39	40	2	If stay, when expect select for promo-SK
M00005	Num	41	42	2	When expect actually rcv next promo
M00006	Num	43	44	2	How long have you been in present unit
M00007	Num	45	46	2	In different unit now than 2 yrs ago
M00007SK	Num	47	48	2	In different unit now than 2 yrs ago-SK
M00008A	Num	49	50	2	Contrib change unit: Offered promo
M00008B	Num	51	52	2	Contrib change unit: Promo lkly in new
M00008C	Num	53	54	2	Contrib change unit: Relocated civ job
RM008DH	Num	55	56	2	Prev unit moved/moved another component
M00008E	Num	57	58	2	Contrib change unit: Closer unit
M00008F	Num	59	60	2	Contrib change unit: Reorg prev unit
M00008G	Num	61	62	2	Contrib change unit: Prev unit closed
M00008I	Num	63	64	2	Contrib change unit: Rtrn diff skill
M00008J	Num	65	66	2	Contrib change unit: Like job better
M00008K	Num	67	68	2	Contrib change unit: Prblm w/co-worker
M00008L	Num	69	70	2	Contrib change unit: Didn't like envrn
M00008M	Num	71	72	2	Contrib change unit: Indqt support
M00008N	Num	73	74	2	Contrib change unit: OPTEMPO/PERSTEMPO
M00008O	Num	75	76	2	Contrib change unit: New assignment
RM008P	Num	77	78	2	Was released from active component
RM008Q	Num	79	80	2	Changed Reserve status
M00008R	Num	81	82	2	Contrib change unit: Cnflct civ employ
M00008S	Num	83	84	2	Contrib change unit: Mndtry rotation
M00008T	Num	85	86	2	Contrib change unit: Family problems
M00009	Num	87	88	2	Retrain in new skill when change units
M00010	Num	89	90	2	Mobil/dply as Nat'l Guard/Reserve mem
M00010SK	Num	91	92	2	Mobil/dply as Nat'l Guard/Reserve mem-SK
RM11ATOT	Num	93	94	2	Total number ops you were mobil/dply
RM0011AA	Num	95	96	2	Mobil/deploy operation: Op Desert Shield
RM0011AB	Num	97	98	2	Mobil/deploy operation: Saudi Arabia
RM11A_SM	Num	99	100	2	Mobil/dply Op: Hurr Mitch/Restor Democ
M00011AE	Num	101	102	2	Mobil/deploy operation: Op Desert Fox
RM0011AF	Num	103	104	2	Mobil/deploy operation: Op Joint Forge
M00011AG	Num	105	106	2	Mobil/deploy operation: Op Restore Hope

M00011AH	Num	107	108	2 Mobil/deploy operation: Op Joint Task
RM0011AI	Num	109	110	2 Mobil/deploy operation: Op Allied Force
RM11A_OT	Num	111	112	2 Mobil/deploy operation: Other 1/Other 2
M00011BA	Num	113	114	2 Mobil vol/invol: Op Desert Shield
M00011BB	Num	115	116	2 Mobil vol/invol: Saudi Arabia
M00011BC	Num	117	118	2 Mobil vol/invol: Hurricane Mitch
M00011BD	Num	119	120	2 Mobil vol/invol: Op Restore Democ
M00011BE	Num	121	122	2 Mobil vol/invol: Op Desert Fox
M00011BF	Num	123	124	2 Mobil vol/invol: Op Joint Forge
M00011BG	Num	125	126	2 Mobil vol/invol: Op Restore Hope
M00011BH	Num	127	128	2 Mobil vol/invol: Op Joint Task
M00011BI	Num	129	130	2 Mobil vol/invol: Op Allied Force
M00011BJ	Num	131	132	2 Mobil vol/invol: Other 1
M00011BK	Num	133	134	2 Mobil vol/invol: Other 2
M00011CA	Num	135	136	2 Where did you deploy: Op Desert Shield
M00011CB	Num	137	138	2 Where did you deploy: Saudi Arabia
M00011CC	Num	139	140	2 Where did you deploy: Hurricane Mitch
M00011CD	Num	141	142	2 Where did you deploy: Op Restore Democ
M00011CE	Num	143	144	2 Where did you deploy: Op Desert Fox
M00011CF	Num	145	146	2 Where did you deploy: Op Joint Forge
M00011CG	Num	147	148	2 Where did you deploy: Op Restore Hope
M00011CH	Num	149	150	2 Where did you deploy: Op Joint Task
M00011CI	Num	151	152	2 Where did you deploy: Op Allied Force
M00011CJ	Num	153	154	2 Where did you deploy: Other 1
M00011CK	Num	155	156	2 Where did you deploy: Other 2
RM11DTOT	Num	157	158	2 Total Months Mobil/Deployed
RM0011DA	Num	159	160	2 How long Mobil/Dply: Op Desert Shield
RM0011DB	Num	161	162	2 How long Mobil/Dply: Saudi Arabia
M00011DC	Num	163	164	2 How long Mobil/Dply: Hurricane Mitch
M00011DD	Num	165	166	2 How long Mobil/Dply: Op Restore Democ
M00011DE	Num	167	168	2 How long Mobil/Dply: Op Desert Fox
RM0011DF	Num	169	170	2 How long Mobil/Dply: Op Joint Forge
M00011DG	Num	171	172	2 How long Mobil/Dply: Op Restore Hope
M00011DH	Num	173	174	2 How long Mobil/Dply: Op Joint Task
RM0011DI	Num	175	176	2 How long Mobil/Dply: Op Allied Force
RM11D_OT	Num	177	178	2 How long mobil/dply: All other
M00011JS	Num	179	180	2 Were you Mobil/dply for op: Other 1-SP
M00011KS	Num	181	182	2 Were you Mobil/dply for op: Other 2-SP
M00011SA	Num	183	184	2 Mobil/dply ops: Op Dsrt Shield-SK
M00011SB	Num	185	186	2 Mobil/dply ops: Saudi Arabia-SK
M00011SC	Num	187	188	2 Mobil/dply ops: Hurricane Mitch-SK
M00011SD	Num	189	190	2 Mobil/dply ops: Op Restore Dmc-SK
M00011SE	Num	191	192	2 Mobil/dply ops: Op Desert Fox-SK
M00011SF	Num	193	194	2 Mobil/dply ops: Op Joint Forge-SK
M00011SG	Num	195	196	2 Mobil/dply ops: Op Restore Hope-SK
M00011SH	Num	197	198	2 Mobil/dply ops: Op Joint Task-SK
M00011SI	Num	199	200	2 Mobil/dply ops: Op Allied Force-SK
M00011SJ	Num	201	202	2 Mobil/dply ops: Other 1-SK
M00011SK	Num	203	204	2 Mobil/dply ops: Other 2-SK
RM0012	Num	205	206	2 Are you mobilized/deployed now
M00012SK	Num	207	208	2 Are you mobilized/deployed now-SK
M00013	Num	209	210	2 Income change as result of mobil/dply

M00014A	Num	211	212	2 Change expense occur: Med exp increase
M00014B	Num	213	214	2 Change expense occur: Med exp decrease
M00014C	Num	215	216	2 Change expense occur: Phone exp incrs
M00014D	Num	217	218	2 Change expense occur: Maint/car incrs
M00014E	Num	219	220	2 Change expense occur: Maint/car dcrrs
M00014F	Num	221	222	2 Change expense occur: Childcare incrs
M00014G	Num	223	224	2 Change expense occur: Mortgage declined
M00015A	Num	225	226	2 Health options: kept private/civilian
M00015B	Num	227	228	2 Health options: dropped private/civilian
M00015C	Num	229	230	2 Health options: didn't have insurance
M00016A	Num	231	232	2 Preparedness: have family care plan
M00016B	Num	233	234	2 Preparedness: fam care plan up to date
M00016C	Num	235	236	2 Preparedness: have current written will
M00016D	Num	237	238	2 Preparedness: hold power-of-attorney
M00016E	Num	239	240	2 Preparedness: insurance other, SGLI/VGLI
M00016F	Num	241	242	2 Preparedness: record of emergency data
M00016G	Num	243	244	2 Preparedness: updated data in 12 mos
M00016H	Num	245	246	2 Preparedness: spouse know imprtnt papers
M00017	Num	247	248	2 Plan to elect Reserve comp SBP when elig
M00018	Num	249	250	2 Volunteerd for ops not deployed for
M00019	Num	251	252	2 Lkly/unlkly volunteer for dply in 5 yrs
M00020	Num	253	254	2 Lkly/unlkly you will deploy in 5 yrs
M00021	Num	255	256	2 Lkly/unlkly unit will deploy in 5 yrs
M00022	Num	257	258	2 12 mos away overnight for mil duties
M00022SK	Num	259	260	2 12 mos away overnight for mil duties-SK
RM0023A	Num	261	262	2 12 mo away: peacekeeping/contingency op
RM0023B	Num	263	264	2 12 mo away: foreign hmtnrn assist
RM0023C	Num	265	266	2 12 mo away: unit trng-combat trng cntr
RM0023D	Num	267	268	2 12 mo away: counter drug operation
RM0023E	Num	269	270	2 12 mo away: domestic disaster/civ emer
RM0023F	Num	271	272	2 12 mo away: scheduled dplymnt at sea
RM0023G	Num	273	274	2 12 mo away: other time at sea
RM0023H	Num	275	276	2 12 mo away: joint trng/field exercises
RM0023I	Num	277	278	2 12 mo away: drill/annual trng/ACDUTRA
RM0023J	Num	279	280	2 12 mo away: military education
RM0023K	Num	281	282	2 12 mo away: other TADs/TDYs
M00024A	Num	283	284	2 Deploy 3 mos, prob: employer problems
M00024B	Num	285	286	2 Deploy 3 mos, prob: getting job back
M00024C	Num	287	288	2 Deploy 3 mos, prob: loss of promotion
M00024D	Num	289	290	2 Deploy 3 mos, prob: loss of civ job
M00024E	Num	291	292	2 Deploy 3 mos, prob: demotion in civ job
M00024F	Num	293	294	2 Deploy 3 mos, prob: hostility from supv
M00024G	Num	295	296	2 Deploy 3 mos, prob: hostility from cowkr
M00024H	Num	297	298	2 Deploy 3 mos, prob: behind in advances
M00024I	Num	299	300	2 Deploy 3 mos, prob: loss of hlth benefit
M00024J	Num	301	302	2 Deploy 3 mos, prob: loss of seniority
M00024K	Num	303	304	2 Deploy 3 mos, prob: loss of income
M00024L	Num	305	306	2 Deploy 3 mos, prob: practice damaged
M00024M	Num	307	308	2 Deploy 3 mos, prob: prob patient/client
M00024N	Num	309	310	2 Deploy 3 mos, prob: other employer probs
M00024O	Num	311	312	2 Deploy 3 mos, prob: studies disrupted
M00024P	Num	313	314	2 Deploy 3 mos, prob: spouse need job

M00024Q	Num	315	316	2 Deploy 3 mos, prob: separation/divorce
M00024R	Num	317	318	2 Deploy 3 mos, prob: burden on spouse
M00024S	Num	319	320	2 Deploy 3 mos, prob: probs for children
M00024T	Num	321	322	2 Deploy 3 mos, prob: probs for dependents
M00024U	Num	323	324	2 Deploy 3 mos, prob: childcare
M00024V	Num	325	326	2 Deploy 3 mos, prob: other
M00024SP	Num	327	328	2 Mobil/dply 3 months, how much problem-SP
M00025	Num	329	330	2 Experienced probs listed in Q24
M00025SK	Num	331	332	2 Experienced probs listed in Q24-SK
M00026A	Num	333	334	2 Probs experienced: employer problems
M00026B	Num	335	336	2 Probs experienced: getting job back
M00026C	Num	337	338	2 Probs experienced: loss of promotion
M00026D	Num	339	340	2 Probs experienced: loss of civ job
M00026E	Num	341	342	2 Probs experienced: demotion in civ job
M00026F	Num	343	344	2 Probs experienced: hostility from supv
M00026G	Num	345	346	2 Probs experienced: hostility from cowkrs
M00026H	Num	347	348	2 Probs experienced: behind in advances
M00026I	Num	349	350	2 Probs experienced: loss of hlth benefit
M00026J	Num	351	352	2 Probs experienced: loss of seniority
M00026K	Num	353	354	2 Probs experienced: loss of income
M00026L	Num	355	356	2 Probs experienced: practice damaged
M00026M	Num	357	358	2 Probs experienced: prob patient/client
M00026N	Num	359	360	2 Probs experienced: other employer probs
M00026O	Num	361	362	2 Probs experienced: studies disrupted
M00026P	Num	363	364	2 Probs experienced: spouse need job
M00026Q	Num	365	366	2 Probs experienced: separation/divorce
M00026R	Num	367	368	2 Probs experienced: burden on spouse
M00026S	Num	369	370	2 Probs experienced: probs for children
M00026T	Num	371	372	2 Probs experienced: probs for dependents
M00026U	Num	373	374	2 Probs experienced: childcare
M00026V	Num	375	376	2 Probs experienced: other
M00027A	Num	377	378	2 Probs most serious: most serious
M00027B	Num	379	380	2 Probs most serious: 2nd most serious
M00027C	Num	381	382	2 Probs most serious: 3rd most serious
M00027CN	Num	383	384	2 Consistency check for Question 26
M00028A	Num	385	386	2 Contribute stay: serving the country
M00028B	Num	387	388	2 Contribute stay: using edu benefits
M00028C	Num	389	390	2 Contribute stay: obtain trng in skill
M00028D	Num	391	392	2 Contribute stay: serve w/people in unit
M00028E	Num	393	394	2 Contribute stay: credit toward retiremnt
M00028F	Num	395	396	2 Contribute stay: promotion opportunities
M00028G	Num	397	398	2 Contribute stay: opp to use mil equip
M00028H	Num	399	400	2 Contribute stay: challenge of mil trng
M00028I	Num	401	402	2 Contribute stay: money for basic expense
M00028J	Num	403	404	2 Contribute stay: want extra money
M00028K	Num	405	406	2 Contribute stay: save income for future
M00028L	Num	407	408	2 Contribute stay: travel opportunities
M00028M	Num	409	410	2 Contribute stay: just enjoying
M00028N	Num	411	412	2 Contribute stay: pride in accomplishment
M00028O	Num	413	414	2 Contribute stay: enjoyment in mil job
M00028P	Num	415	416	2 Contribute stay: special/incentive pay
M00028Q	Num	417	418	2 Contribute stay: reenlistment bonus

M00028R	Num	419	420	2 Contribute stay: require, fulfill oblig
M00028WA	Num	421	422	2 Contribute stay: serving the country
M00028WB	Num	423	424	2 Contribute stay: using edu benefits
M00028WC	Num	425	426	2 Contribute stay: obtain trng in skill
M00028WD	Num	427	428	2 Contribute stay: serve w/people in unit
M00028WE	Num	429	430	2 Contribute stay: credit toward retirement
M00028WF	Num	431	432	2 Contribute stay: promotion opportunities
M00028WG	Num	433	434	2 Contribute stay: opp to use mil equip
M00028WH	Num	435	436	2 Contribute stay: challenge of mil trng
M00028WI	Num	437	438	2 Contribute stay: money for basic expense
M00028WJ	Num	439	440	2 Contribute stay: want extra money
M00028WK	Num	441	442	2 Contribute stay: save income for future
M00028WL	Num	443	444	2 Contribute stay: travel opportunities
M00028WM	Num	445	446	2 Contribute stay: just enjoying
M00028WN	Num	447	448	2 Contribute stay: pride in accomplishment
M00028WO	Num	449	450	2 Contribute stay: enjoyment in mil job
M00028WP	Num	451	452	2 Contribute stay: special/incentive pay
M00028WQ	Num	453	454	2 Contribute stay: reenlistment bonus
M00028WR	Num	455	456	2 Contribute stay: require, fulfill oblig
M00029	Num	457	458	2 How likely you would choose to stay
M00030	Num	459	460	2 How likely choose to serve until retire
M00031	Num	461	462	2 Leave svc, pay grade think you'll have
M00032A	Num	463	464	2 Years expected: FT active duty NG/Rsrv
M00032B	Num	465	466	2 Years expected: IRR/ING
M00032C	Num	467	468	2 Years expected: other NG/Rsrv (PT)
M00032D	Num	469	470	2 Years expected: active component
M00033	Num	471	472	2 Qual/trained in your duty MOS/D/R/AFSC
M00034	Num	473	474	2 Working in your primary MOS/D/R/AFSC
M00035	Num	475	476	2 % spent performing skill to MOS/D/R/AFSC
M00036	Num	477	478	2 Current MOS/D/R/AFSC same as AD
M00036SK	Num	479	480	2 Current MOS/D/R/AFSC same as AD-SK
M00037A	Num	481	482	2 When join, change MOS/D/R/AFSC
M00037B	Num	483	484	2 When join, wanted to change MOS/D/R/AFSC
M00038	Num	485	486	2 1999, days spent in compensated status
M00039	Num	487	488	2 Avg mo 1999, unpaid hrs for unit
M00040	Num	489	490	2 Avg mo 1999, unpaid hrs for prof dvlpmnt
M00041	Num	491	494	4 1999, nights spent away offcl mil duties
M00042	Num	495	496	2 How attend 1999 Annual Training/ACDUTRA
XPROG	Num	497	498	2 PROGRAM
M00043S1	Num	499	500	2 Category of the Selected Rsrv belong-S1
M00043S2	Num	501	502	2 Category of the Selected Rsrv belong-S2
M00044A	Num	503	504	2 How satisfied w/: trng rcvd unit drill
M00044B	Num	505	506	2 How satisfied w/: actvty, 1999 ACDUTRA
M00044C	Num	507	508	2 How satisfied w/: opp use MOS/D/R/AFSC
M00044D	Num	509	510	2 How satisfied w/: opps for promotion
M00044E	Num	511	512	2 How satisfied w/: opps for leadership
M00044F	Num	513	514	2 How satisfied w/: weapons/equip used
M00044G	Num	515	516	2 How satisfied w/: cndtn of wpns/equip
M00044H	Num	517	518	2 How satisfied w/: sprvsn/direction
M00044I	Num	519	520	2 How satisfied w/: training facilities
M00044J	Num	521	522	2 How satisfied w/: your job
M00044K	Num	523	524	2 How satisfied w/: job security

M00044L	Num	525	526	2 How satisfied w/: workload
M00044M	Num	527	528	2 How satisfied w/: assignment stability
M00044N	Num	529	530	2 How satisfied w/: unit social activity
M00044O	Num	531	532	2 How satisfied w/: work group/co-worker
M00044P	Num	533	534	2 How satisfied w/: acqntnecs/friendships
M00044Q	Num	535	536	2 How satisfied w/: time rqrd, activity
M00044R	Num	537	538	2 How satisfied w/: pssblty future dply
M00044S	Num	539	540	2 How satisfied w/: # of recent dplymnts
M00044T	Num	541	542	2 How satisfied w/: not included, deploy
M00046A	Num	543	544	2 How much of a prob: out-of-date equip
M00046B	Num	545	546	2 How much of a prob: poor cndtn of eqp
M00046C	Num	547	548	2 How much of a prob: strngth, E-1/E-4
M00046D	Num	549	550	2 How much of a prob: strngth, E-5/E-9
M00046E	Num	551	552	2 How much of a prob: strngth, WO-1/WO-5
M00046F	Num	553	554	2 How much of a prob: strngth, O-1/O-6
M00046G	Num	555	556	2 How much of a prob: not enough staff
M00046H	Num	557	558	2 How much of a prob: poor admin support
M00046I	Num	559	560	2 How much of a prob: atndnc, unt drill
M00046J	Num	561	562	2 How much of a prob: atndnc, ACDUTRA
M00046K	Num	563	564	2 How much of a prob: ineffctv training
M00046L	Num	565	566	2 How much of a prob: qualified prsnnl
M00046M	Num	567	568	2 How much of a prob: quality of prsnnl
M00046N	Num	569	570	2 How much of a prob: quality of leaders
M00046O	Num	571	572	2 How much of a prob: inadequate time
M00046P	Num	573	574	2 How much of a prob: lack of access
M00046Q	Num	575	576	2 How much of a prob: lack of manuals
M00046R	Num	577	578	2 How much of a prob: lack of supplies
M00046S	Num	579	580	2 How much of a prob: lack of spare prts
M00046T	Num	581	582	2 How much of a prob: excessive turnover
M00046U	Num	583	584	2 How much of a prob: inadqt acs, schd
M00046V	Num	585	586	2 How much of a prob: uncrtn, future
M00046W	Num	587	588	2 How much of a prob: unit reorganizing
M00046X	Num	589	590	2 How much of a prob: inadqt resources
M00046Y	Num	591	592	2 How much of a prob: inadqt acs, PC's
M00046Z	Num	593	594	2 How much of a prob: inadqt acs, trng
M00047	Num	595	596	2 How far live from where unit meets
M00048A	Num	597	598	2 Get to mil duty/drills: drive myself
M00048B	Num	599	600	2 Get to mil duty/drills: drvn by spouse
M00048C	Num	601	602	2 Get to mil duty/drills: drvn fam mbr
M00048D	Num	603	604	2 Get to mil duty/drills: car pool
M00048E	Num	605	606	2 Get to mil duty/drills: civ air trns
RM0048F	Num	607	608	2 Get to mil duty/drills: mil air trns
M00048G	Num	609	610	2 Get to mil duty/drills: public trns
RM0048H	Num	611	612	2 Get to mil duty/drills: walk/bicycle
M00049	Num	613	614	2 How long from home to where unit meets
M00050	Num	615	616	2 How describe morale of mil personnel
M00051	Num	617	618	2 How describe your morale
M00052AA	Num	619	620	2 Program avail: individual therapy
M00052AB	Num	621	622	2 Program avail: pre-marital programs
M00052AC	Num	623	624	2 Program avail: marriage/fam therapy
M00052AD	Num	625	626	2 Program avail: fam support center
M00052AE	Num	627	628	2 Program avail: program for disabled

M00052AF	Num	629	630	2 Program avail: svcs for fam during sep
M00052AG	Num	631	632	2 Program avail: new parent classes
M00052AH	Num	633	634	2 Program avail: single parent programs
M00052AI	Num	635	636	2 Program avail: childcare services
M00052AJ	Num	637	638	2 Program avail: youth/teen programs
M00052AK	Num	639	640	2 Program avail: eldercare
M00052AL	Num	641	642	2 Program avail: alcohol/drug abuse prgrms
M00052AM	Num	643	644	2 Program avail: spouse employment svcs
M00052AN	Num	645	646	2 Program avail: spouse/child abuse svcs
M00052AO	Num	647	648	2 Program avail: rape coueseling services
M00052AP	Num	649	650	2 Program avail: crisis referral services
M00052AQ	Num	651	652	2 Program avail: chaplain/religious svcs
M00052AR	Num	653	654	2 Program avail: legal assistance
M00052AS	Num	655	656	2 Program avail: financial counseling
M00052AT	Num	657	658	2 Program avail: recreational programs
M00052AU	Num	659	660	2 Program avail: educational svcs center
M00052AV	Num	661	662	2 Program avail: svcs for single members
M00052BA	Num	663	664	2 Program Satis: individual therapy
M00052BB	Num	665	666	2 Program Satis: pre-marital programs
M00052BC	Num	667	668	2 Program Satis: marriage/fam therapy
M00052BD	Num	669	670	2 Program Satis: fam support center
M00052BE	Num	671	672	2 Program Satis: program for disabled
M00052BF	Num	673	674	2 Program Satis: svcs for fam during sep
M00052BG	Num	675	676	2 Program Satis: new parent classes
M00052BH	Num	677	678	2 Program Satis: single parent programs
M00052BI	Num	679	680	2 Program Satis: childcare services
M00052BJ	Num	681	682	2 Program Satis: youth/teen programs
M00052BK	Num	683	684	2 Program Satis: eldercare
M00052BL	Num	685	686	2 Program Satis: alcohol/drug abuse prgrms
M00052BM	Num	687	688	2 Program Satis: spouse employment svcs
M00052BN	Num	689	690	2 Program Satis: spouse/child abuse svcs
M00052BO	Num	691	692	2 Program Satis: rape coueseling services
M00052BP	Num	693	694	2 Program Satis: crisis referral services
M00052BQ	Num	695	696	2 Program Satis: chaplain/religious svcs
M00052BR	Num	697	698	2 Program Satis: legal assistance
M00052BS	Num	699	700	2 Program Satis: financial counseling
M00052BT	Num	701	702	2 Program Satis: recreational programs
M00052BU	Num	703	704	2 Program Satis: educational svcs center
M00052BV	Num	705	706	2 Program Satis: svcs for single members
M0053AAA	Num	707	708	2 12 mos, mil on: auto, crafts, hobby shop
M0053AAB	Num	709	710	2 12 mos, mil on: bank or credit union
M0053AAC	Num	711	712	2 12 mos, mil on: bwlng cntr/movie theater
M0053AAD	Num	713	714	2 12 mos, mil on: cmmssry, market, grocery
M0053AAE	Num	715	716	2 12 mos, mil on: clubs/dance/night clubs
M0053AAF	Num	717	718	2 12 mos, mil on: fitness center, gym
M0053AAG	Num	719	720	2 12 mos, mil on: golf course
M0053AAH	Num	721	722	2 12 mos, mil on: library services
M0053AAI	Num	723	724	2 12 mos, mil on: mn exchnng/dprtmnt store
M0053AAJ	Num	725	726	2 12 mos, mil on: outdoor recreation areas
M0053AAK	Num	727	728	2 12 mos, mil on: outdoor rec equip rental
M0053AAL	Num	729	730	2 12 mos, mil on: post office
M0053AAM	Num	731	732	2 12 mos, mil on: recreation center

M0053AAN	Num	733	734	2 12 mos, mil on: rec/lodging/hotel/resort
M0053AAO	Num	735	736	2 12 mos, mil on: shopette/mini-mart
M0053AAP	Num	737	738	2 12 mos, mil on: classVI/pkg store/liquor
M0053AAQ	Num	739	740	2 12 mos, mil on: social act for singles
M0053ABA	Num	741	742	2 12 mos, civ on: auto, crafts, hobby shop
M0053ABB	Num	743	744	2 12 mos, civ on: bank or credit union
M0053ABC	Num	745	746	2 12 mos, civ on: bwlng cntr/movie theater
M0053ABD	Num	747	748	2 12 mos, civ on: cmmssry, market, grocery
M0053ABE	Num	749	750	2 12 mos, civ on: clubs/dance/night clubs
M0053ABF	Num	751	752	2 12 mos, civ on: fitness center, gym
M0053ABG	Num	753	754	2 12 mos, civ on: golf course
M0053ABH	Num	755	756	2 12 mos, civ on: library services
M0053ABI	Num	757	758	2 12 mos, civ on: mn exchnng/dprtmnt store
M0053ABJ	Num	759	760	2 12 mos, civ on: outdoor recreation areas
M0053ABK	Num	761	762	2 12 mos, civ on: outdoor rec equip rental
M0053ABL	Num	763	764	2 12 mos, civ on: post office
M0053ABM	Num	765	766	2 12 mos, civ on: recreation center
M0053ABN	Num	767	768	2 12 mos, civ on: rec/lodging/hotel/resort
M0053ABO	Num	769	770	2 12 mos, civ on: shopette/mini-mart
M0053ABP	Num	771	772	2 12 mos, civ on: classVI/pkg store/liquor
M0053ABQ	Num	773	774	2 12 mos, civ on: social act for singles
M0053UAA	Num	775	776	2 12 mos, mil on: auto, crafts, hobby shop
M0053UAB	Num	777	778	2 12 mos, mil on: bank or credit union
M0053UAC	Num	779	780	2 12 mos, mil on: bwlng cntr/movie theater
M0053UAD	Num	781	782	2 12 mos, mil on: cmmssry, market, grocery
M0053UAE	Num	783	784	2 12 mos, mil on: clubs/dance/night clubs
M0053UAF	Num	785	786	2 12 mos, mil on: fitness center, gym
M0053UAG	Num	787	788	2 12 mos, mil on: golf course
M0053UAH	Num	789	790	2 12 mos, mil on: library services
M0053UAI	Num	791	792	2 12 mos, mil on: mn exchnng/dprtmnt store
M0053UAJ	Num	793	794	2 12 mos, mil on: outdoor recreation areas
M0053UAK	Num	795	796	2 12 mos, mil on: outdoor rec equip rental
M0053UAL	Num	797	798	2 12 mos, mil on: post office
M0053UAM	Num	799	800	2 12 mos, mil on: recreation center
M0053UAN	Num	801	802	2 12 mos, mil on: rec/lodging/hotel/resort
M0053UAO	Num	803	804	2 12 mos, mil on: shopette/mini-mart
M0053UAP	Num	805	806	2 12 mos, mil on: classVI/pkg store/liquor
M0053UAQ	Num	807	808	2 12 mos, mil on: social act for singles
M0053UBA	Num	809	810	2 12 mos, civ on: auto, crafts, hobby shop
M0053UBB	Num	811	812	2 12 mos, civ on: bank or credit union
M0053UBC	Num	813	814	2 12 mos, civ on: bwlng cntr/movie theater
M0053UBD	Num	815	816	2 12 mos, civ on: cmmssry, market, grocery
M0053UBE	Num	817	818	2 12 mos, civ on: clubs/dance/night clubs
M0053UBF	Num	819	820	2 12 mos, civ on: fitness center, gym
M0053UBG	Num	821	822	2 12 mos, civ on: golf course
M0053UBH	Num	823	824	2 12 mos, civ on: library services
M0053UBI	Num	825	826	2 12 mos, civ on: mn exchnng/dprtmnt store
M0053UBJ	Num	827	828	2 12 mos, civ on: outdoor recreation areas
M0053UBK	Num	829	830	2 12 mos, civ on: outdoor rec equip rental
M0053UBL	Num	831	832	2 12 mos, civ on: post office
M0053UBM	Num	833	834	2 12 mos, civ on: recreation center
M0053UBN	Num	835	836	2 12 mos, civ on: rec/lodging/hotel/resort

M0053UBO	Num	837	838	2 12 mos, civ on: shopette/mini-mart
M0053UBP	Num	839	840	2 12 mos, civ on: classVI/pkg store/liquor
M0053UBQ	Num	841	842	2 12 mos, civ on: social act for singles
M00054A	Num	843	844	2 12 mos, used svcs: adult edu/counseling
M00054B	Num	845	846	2 12 mos, used svcs: tuition assistance
M00054C	Num	847	848	2 12 mos, used svcs: tech/vocational prgrm
M00054D	Num	849	850	2 12 mos, used svcs: basic skills edu
M00055CA	Num	851	852	2 Limit, commissary: prices
M00055CB	Num	853	854	2 Limit, commissary: stock
M00055CC	Num	855	856	2 Limit, commissary: hours
M00055CD	Num	857	858	2 Limit, commissary: distance
M00055CE	Num	859	860	2 Limit, commissary: the law doesn't allow
M00055EA	Num	861	862	2 Limit, exchange: prices
M00055EB	Num	863	864	2 Limit, exchange: stock
M00055EC	Num	865	866	2 Limit, exchange: hours
M00055ED	Num	867	868	2 Limit, exchange: distance
M00056	Num	869	870	2 Extent fam saves using commissary
M00057	Num	871	872	2 Do you currently use the EXCHANGE
M00058	Num	873	874	2 How long take to get to closest exchange
M00059	Num	875	876	2 Rate mrchndise slctn at closest exchange
M00060	Num	877	878	2 Rate prices at closest exchange
M00061	Num	879	880	2 Which Svc's exchange do you shop most
M00062	Num	881	882	2 Average savings available at exchange
M00063	Num	883	884	2 Your shopping prvlgs limited at exchange
M00064	Num	885	886	2 Exchange mrchndise be ordered on Intrnt
M00065	Num	887	888	2 Now using/or eligible for edu benefit
M00065SK	Num	889	890	2 Now using/or eligible for edu benefit-SK
M00066A	Num	891	892	2 Edu benefits elig: state bnft for svc
M00066B	Num	893	894	2 Edu benefits elig: MGB for slct Rsrv
M00066C	Num	895	896	2 Edu benefits elig: MGB-slct Rsrv Kckr
M00066D	Num	897	898	2 Edu benefits elig: Active Force bnfts
M00066E	Num	899	900	2 Edu benefits elig: MGB-Actv Duty Kckr
M00066F	Num	901	902	2 Edu benefits elig: tuition assistance
M00067A	Num	903	904	2 Edu benefits use: state bnft for svc
M00067B	Num	905	906	2 Edu benefits use: MGB for slct Rsrv
M00067C	Num	907	908	2 Edu benefits use: Active Force bnfts
M00067D	Num	909	910	2 Edu benefits use: ROTC/NROTC schlrshp
M00068A	Num	911	912	2 Interest in mtrl: retirement benefits
M00068B	Num	913	914	2 Interest in mtrl: Survivor Bnft Plan
M00068C	Num	915	916	2 Interest in mtrl: fam bnfts in Rsrvs
M00068D	Num	917	918	2 Interest in mtrl: mobilization info
M00068E	Num	919	920	2 Interest in mtrl: MGB for select Rsrv
M00068F	Num	921	922	2 Interest in mtrl: Civil Relief Act
M00068G	Num	923	924	2 Interest in mtrl: dental insurance
M00068H	Num	925	926	2 Interest in mtrl: medical insurance
M00068I	Num	927	928	2 Interest in mtrl: mobilization prep
M00068J	Num	929	930	2 Interest in mtrl: emplryr/employee ritns
M00069	Num	931	932	2 Do you have med/hospital coverage
M00069SK	Num	933	934	2 Do you have med/hospital coverage-SK
M00070A	Num	935	936	2 Med/hosp coverage: civ employer's plan
M00070B	Num	937	938	2 Med/hosp coverage: school's plan
M00070C	Num	939	940	2 Med/hosp coverage: spouse/fam mem plan

M00070D	Num	941	942	2 Med/hosp coverage: your AD mil cov
M00070E	Num	943	944	2 Med/hosp coverage: spouse AD mil cov
M00070F	Num	945	946	2 Med/hosp coverage: veterans' coverage
M00070G	Num	947	948	2 Med/hosp coverage: other private cov
M00071	Num	949	950	2 How satis with medical insurance cov
M00072	Num	951	952	2 Max cost/month for med ins thru Gd/Resv
M00073	Num	953	954	2 Amt spent on hlth care (you/fam) last yr
M00074	Num	955	956	2 Basic dental avail as mem Selected Resv
M00075	Num	957	958	2 Do you have any dental coverage(s)
M00075SK	Num	959	960	2 Do you have any dental coverage(s)-SK
M00076A	Num	961	962	2 Dental coverage: civ employer's plan
M00076B	Num	963	964	2 Dental coverage: spse/fam mem emp plan
M00076C	Num	965	966	2 Dental coverage: your AD mil coverage
M00076D	Num	967	968	2 Dental coverage: spouse AD mil cov
M00076E	Num	969	970	2 Dental coverage: veterans' (VA) cov
M00076F	Num	971	972	2 Dental coverage: other private cov
M00077	Num	973	974	2 How satis with civ dental insurance
M00078	Num	975	976	2 Actvly consider change/get dental ins
M00078SK	Num	977	978	2 Actvly consider change/get dental ins-SK
M00079	Num	979	980	2 Max cost enroll yourself in comp dntl
M00080	Num	981	982	2 Max cost enroll self/fam in comp dntl
XMIMPX	Num	983	984	2 CONSTRUCTED GENDER
R2XRETH1	Num	985	986	2 CONSTRUCTED RACE/ETHNICITY2 STATUS
RM0084	Num	987	988	2 Are you a citizen of the United States
M00085	Num	989	990	2 Parent/guard in mil when you were born
M00086A	Num	991	992	2 Did you vote in the last local election
M00086B	Num	993	994	2 Did you vote last presidential election
RM0087	Num	995	996	2 Which describes where you live now
M00088	Num	997	998	2 How long lived in present neighborhood
RSRED	Num	999	1000	2 Highest degree/level schl you will compl
RM0091	Num	1001	1002	2 What kind of civ schl curr enrolled in
M00092A	Num	1003	1004	2 Fam/others encour NG/R: father/male grdn
M00092B	Num	1005	1006	2 Fam/others encour NG/R: mother/fem grdn
M00092C	Num	1007	1008	2 Fam/others encour NG/R: brothers/stepbro
M00092D	Num	1009	1010	2 Fam/others encour NG/R: sisters/stepsis
M00092E	Num	1011	1012	2 Fam/others encour NG/R: personal friends
M00092F	Num	1013	1014	2 Fam/others encour NG/R: teachers(s)
M00093A1	Num	1015	1016	2 Fthr/stpfthr/male grdn: never served
M00093A2	Num	1017	1018	2 Fthr/stpfthr/male grdn: currently srvng
M00093A3	Num	1019	1020	2 Fthr/stpfthr/male grdn: srvd < 8 years
M00093A4	Num	1021	1022	2 Fthr/stpfthr/male grdn: srvd > 8 years
M00093A5	Num	1023	1024	2 Fthr/stpfthr/male grdn: retired from mil
M00093B1	Num	1025	1026	2 Mthr/stpmthr/fml grdn: never served
M00093B2	Num	1027	1028	2 Mthr/stpmthr/fml grdn: currently srvng
M00093B3	Num	1029	1030	2 Mthr/stpmthr/fml grdn: srvd < 8 years
M00093B4	Num	1031	1032	2 Mthr/stpmthr/fml grdn: srvd > 8 years
M00093B5	Num	1033	1034	2 Mthr/stpmthr/fml grdn: retired from mil
M00093C1	Num	1035	1036	2 Brothers/stepbrothers: never served
M00093C2	Num	1037	1038	2 Brothers/stepbrothers: currently srvng
M00093C3	Num	1039	1040	2 Brothers/stepbrothers: srvd < 8 years
M00093C4	Num	1041	1042	2 Brothers/stepbrothers: srvd > 8 years
M00093C5	Num	1043	1044	2 Brothers/stepbrothers: retired from mil

M00093D1	Num	1045	1046	2 Sisters/stepsisters: never served
M00093D2	Num	1047	1048	2 Sisters/stepsisters: currently srvng
M00093D3	Num	1049	1050	2 Sisters/stepsisters: srvd < 8 years
M00093D4	Num	1051	1052	2 Sisters/stepsisters: srvd > 8 years
M00093D5	Num	1053	1054	2 Sisters/stepsisters: retired from mil
M00093E1	Num	1055	1056	2 Personal friends: never served
M00093E2	Num	1057	1058	2 Personal friends: currently srvng
M00093E3	Num	1059	1060	2 Personal friends: srvd < 8 years
M00093E4	Num	1061	1062	2 Personal friends: srvd > 8 years
M00093E5	Num	1063	1064	2 Personal friends: retired from mil
M00093F1	Num	1065	1066	2 Teacher(s): never served
M00093F2	Num	1067	1068	2 Teacher(s): currently srvng
M00093F3	Num	1069	1070	2 Teacher(s): srvd < 8 years
M00093F4	Num	1071	1072	2 Teacher(s): srvd > 8 years
M00093F5	Num	1073	1074	2 Teacher(s): retired from mil
M00093A	Num	1075	1076	2 Fam/oth in mil: father/stepfath/male gdn
M00093B	Num	1077	1078	2 Fam/oth in mil: mother/stepmoth/fem gdn
M00093C	Num	1079	1080	2 Fam/oth in mil: brothers/stepbrothers
M00093D	Num	1081	1082	2 Fam/oth in mil: sisters/stepsisters
M00093E	Num	1083	1084	2 Fam/oth in mil: personal friends
M00093F	Num	1085	1086	2 Fam/oth in mil: teachers
M00094	Num	1087	1088	2 Child 10/older, talk future job/edu
M00094SK	Num	1089	1090	2 Child 10/older, talk future job/edu-SK
M00095	Num	1091	1092	2 Encourage children to consider mil
M00096A	Num	1093	1094	2 Future, pos/neg: military in general
M00096B	Num	1095	1096	2 Future, pos/neg: career opps in mil
M00096C	Num	1097	1098	2 Future, pos/neg: srv in mil not career
M00096D	Num	1099	1100	2 Future, pos/neg: part time (NG/R) opps
M00096E	Num	1101	1102	2 Future, pos/neg: career opp civ/Fed
M00096F	Num	1103	1104	2 Future, pos/neg: career opp prvt sec
M00096G	Num	1105	1106	2 Future, pos/neg: seeking college educ
M00097A	Num	1107	1108	2 View your part in NG/R: your spouse
M00097B	Num	1109	1110	2 View your part in NG/R: your children
M00097C	Num	1111	1112	2 View your part in NG/R: spouse relatives
M00097D	Num	1113	1114	2 View your part in NG/R: your relatives
M00097E	Num	1115	1116	2 View your part in NG/R: your neighbors
M00097F	Num	1117	1118	2 View your part in NG/R: civilian supv
M00097G	Num	1119	1120	2 View your part in NG/R: civ co-workers
M00097H	Num	1121	1122	2 View your part in NG/R: NG/R unit mems
M00098	Num	1123	1124	2 Have you used a personal computer
M00098SK	Num	1125	1126	2 Have you used a personal computer-SK
M00098WA	Num	1127	1128	2 Used in 12 mos: a personal computer (PC)
M00098WB	Num	1129	1130	2 Used in 12 mos: internet applnce, Web TV
M00098WC	Num	1131	1132	2 Used in 12 mos: hand device, Palm Pilot
M00098WD	Num	1133	1134	2 Used in 12 mos: none of the above
M00098WS	Num	1135	1136	2 Used in 12 mos: none of the above-SK
M00099A	Num	1137	1138	2 Last yr, used PC: home/residence
M00099B	Num	1139	1140	2 Last yr, used PC: civilian work/office
M00099C	Num	1141	1142	2 Last yr, used PC: Res/Gd duty sta/armr
M00099D	Num	1143	1144	2 Last yr, used PC: instll/ship library
M00099E	Num	1145	1146	2 Last yr, used PC: instll/ship rec ctr
M00099F	Num	1147	1148	2 Last yr, used PC: instll/ship educ ctr

M00099G	Num	1149	1150	2 Last yr, used PC: instll/ship fam ctr
M00099H	Num	1151	1152	2 Last yr, used PC: other military loc
M00099I	Num	1153	1154	2 Last yr, used PC: other non-mil loc
M00100	Num	1155	1156	2 Do you have access to Internet/WWW
M00100SK	Num	1157	1158	2 Do you have access to Internet/WWW-SK
M00100WA	Num	1159	1160	2 Access WWW in 12 mos: PC
M00100WB	Num	1161	1162	2 Access WWW in 12 mos: Web TV
M00100WC	Num	1163	1164	2 Access WWW in 12 mos: Palm Pilot
M00100WD	Num	1165	1166	2 Access WWW in 12 mos: none of above
M00100WS	Num	1167	1168	2 Access WWW in 12 mos: none of above-SK
M00101	Num	1169	1170	2 Which loc most freq access Internet
XMIMPM	Num	1171	1172	2 CONSTRUCTED MARITAL STATUS
SRMARSSK	Num	1173	1174	2 What is your current marital status-SK
M00103	Num	1175	1176	2 How many yrs married to current spouse
M00104A	Num	1177	1178	2 Spouse working full-time Fed civ job
M00104B	Num	1179	1180	2 Spouse working part-time Fed civ job
M00104C	Num	1181	1182	2 Spouse working full-time civ (not Fed)
M00104D	Num	1183	1184	2 Spouse working part-time civ (not Fed)
M00104E	Num	1185	1186	2 Spouse manage/work in family business
M00104F	Num	1187	1188	2 Spouse self-emp own business/prof
M00104G	Num	1189	1190	2 Spouse unpaid worker (volunteer)
M00104H	Num	1191	1192	2 Spouse unemployed and looking for job
M00104I	Num	1193	1194	2 Spouse unemp/not looking/wants job
M00104J	Num	1195	1196	2 Spouse unemp/not looking/not want job
M00104K	Num	1197	1198	2 Spouse in school
M00104L	Num	1199	1200	2 Spouse retired
M00104M	Num	1201	1202	2 Spouse a homemaker, housewife/husband
M00104N	Num	1203	1204	2 Spouse working multiple jobs
M00104O	Num	1205	1206	2 Spouse working temporary job(s)
M00105	Num	1207	1208	2 Spouse speak English main lang at home
M00106	Num	1209	1210	2 Extnt you/spouse agree civ career plan
M00107	Num	1211	1212	2 Degree you/spouse agree mil career pln
M00108	Num	1213	1214	2 Spouse sprt stay in mil chg past year
M00109	Num	1215	1216	2 Crnt spouse evr in mil, AD or NG/R
M00109S1	Num	1217	1218	2 Crnt spouse evr in mil, AD or NG/R-S1
M00109S2	Num	1219	1220	2 Crnt spouse evr in mil, AD or NG/R-S2
RM00110	Num	1221	1222	2 Prsntly assigned to same loc as spouse
M00111	Num	1223	1224	2 Spouse evr mobil/dply as mem NG/R
M00111SK	Num	1225	1226	2 Spouse evr mobil/dply as mem NG/R-SK
RM112TOT	Num	1227	1228	2 Total number operations sps mobil/dply
RM112AA	Num	1229	1230	2 Sps mobil/dply: Desert Shield/Storm
M00112SA	Num	1231	1232	2 Sps mobil/dply: Desert Shield/Storm-SK
M00112SB	Num	1233	1234	2 Sps mobil/dply: Saudi (8/92-pres)-SK
M00112SC	Num	1235	1236	2 Sps mobil/dply: Cntm, Hurricane Mitch-SK
M00112SD	Num	1237	1238	2 Sps mobil/dply: Rstr/Uphld Dm (Haiti)-SK
M00112SE	Num	1239	1240	2 Sps mobil/dply: Dsrt fx/Irq (SW Asia)-SK
M00112SF	Num	1241	1242	2 Sps mobil/dply: Jt Frq/Gd/Ed (Bosnia)-SK
M00112SG	Num	1243	1244	2 Sps mobil/dply: Rstr/Cnt Hp (Somalia)-SK
M00112SH	Num	1245	1246	2 Sps mobil/dply: Jt Task Force (Cuba)-SK
M00112SI	Num	1247	1248	2 Sps mobil/dply: Allied Force (Kosovo)-SK
M00112SJ	Num	1249	1250	2 Sps mobil/dply: other mobil/deploy 1-SK
M00112SK	Num	1251	1252	2 Sps mobil/dply: other mobil deploy 2-SK

M00113A	Num	1253	1254	2 Prob for fam time away weekend drills
M00113B	Num	1255	1256	2 Prob for fam time away Ann'I Trn/ACDUTRA
M00113C	Num	1257	1258	2 Prob for fam xtra time at NG/R activity
M00113D	Num	1259	1260	2 Prob for fam time away for mobil/depl
M00114	Num	1261	1262	2 Legal dependents not incl spouse
M00114SK	Num	1263	1264	2 Legal dependents not incl spouse-SK
M00115A	Num	1265	1266	2 Dep arr workable short term emrg/mobil
M00115B	Num	1267	1268	2 Dep arr workable long term mobil/dply
RM00116	Num	1269	1270	2 Sps/chld/lgl dep in EFMP/CG Spcl Need
RM00117	Num	1271	1272	2 Any dep (not sps) need spcl treatment
RM00118A	Num	1273	1274	2 How many child/dep less than 1 yr old
RM00118B	Num	1275	1276	2 How many child/dep 1 yr < 2 yrs old
RM00118C	Num	1277	1278	2 How many child/dep 2 - 5 years old
RM00118D	Num	1279	1280	2 How many child/dep 6 - 13 years old
RM00118E	Num	1281	1282	2 How many child/dep 14 - 22 years old
RM00118F	Num	1283	1284	2 How many child/dep 23 - 64 years old
RM00118G	Num	1285	1286	2 How many child/dep 65 yrs old or older
RDEPNUM1	Num	1287	1288	2 Total Number of Dependents
RM00119A	Num	1289	1290	2 Child/dep live w/you less than 1 yr old
RM00119B	Num	1291	1292	2 Child/dep live w/you 1-under 2 yrs old
RM00119C	Num	1293	1294	2 Child/dep live w/you 2 - 5 years old
RM00119D	Num	1295	1296	2 Child/dep live w/you 6 - 13 years old
RM00119E	Num	1297	1298	2 Child/dep live w/you 14 - 22 years old
RM00119F	Num	1299	1300	2 Child/dep live w/you 23 - 64 years old
RM00119G	Num	1301	1302	2 Child/dep live w/you 65 or older
RDEPNUM2	Num	1303	1304	2 Total Number Dependents Living With You
M00120	Num	1305	1306	2 Crgvr rsp for eldrly fam mbr, no
M00120N	Num	1307	1308	2 Crgvr rsp for eldrly fam mbr, how many
M00120SK	Num	1309	1310	2 Caregiver rsp for eldrly fam member-SK
M00121	Num	1311	1312	2 Past 12 mo, lost time for caregiving
M00122SK	Num	1313	1314	2 Current FT active duty AGR, TAR, AR-SK
M00123	Num	1315	1316	2 In 1999, did you have a civ job
M00123SK	Num	1317	1318	2 In 1999, did you have a civ job-SK
M00124	Num	1319	1320	2 How int in NG/R job similar to civ job
M00125A	Num	1321	1322	2 Civ job are you MD, RN, DDS, optmtrst
M00125B	Num	1323	1324	2 Civ job are you pilot/navigator
M00125C	Num	1325	1326	2 Civ job are you IT, programmer, etc.
M00125D	Num	1327	1328	2 Civ job are you clergy
M00125E	Num	1329	1330	2 Civ job are you lawyer
RM00126A	Num	1331	1332	2 Currently: mem FT AD prog, wrk civ job
RM00126B	Num	1333	1334	2 Currently: wrk FT, A/AFNG/R mil tech
RM00126C	Num	1335	1336	2 Currently: wrk FT in a civilian job
RM00126D	Num	1337	1338	2 Currently: wrk PT in a civilian job
RM00126E	Num	1339	1340	2 Currently: employed civ job, temp ill
RM00126F	Num	1341	1342	2 Currently: manage/work in fam business
RM00126G	Num	1343	1344	2 Currently: self-employed own bus/prof
RM00126H	Num	1345	1346	2 Currently: unpaid worker (volunteer)
RM00126I	Num	1347	1348	2 Currently: unemployed, looking for job
RM00126J	Num	1349	1350	2 Currently: unmplyd, not lk, like emply
RM00126K	Num	1351	1352	2 Currently: unmplyd, not lk, not want
RM00126L	Num	1353	1354	2 Currently: in school
RM00126M	Num	1355	1356	2 Currently: retired

RM00126N	Num	1357	1358	2 Currently: homemaker, hsewife/husband
RM00126O	Num	1359	1360	2 Currently: working multiple jobs
RM00126P	Num	1361	1362	2 Currently: working temporary job(s)
M00127	Num	1363	1364	2 1999, wks w/o civ job looking for job
M00128	Num	1365	1366	2 1999, did you do any civ work for pay
M00128SK	Num	1367	1368	2 1999, do any civ work for pay-SK
RM00132	Num	1369	1370	2 Which best dscrbs civ employer in '99
M00133	Num	1371	1372	2 1999, emplmnt status primary civ job
M00134A	Num	1373	1374	2 Typical wk, days worked civ job: Sun
M00134B	Num	1375	1376	2 Typical wk, days worked civ job: Mon
M00134C	Num	1377	1378	2 Typical wk, days worked civ job: Tues
M00134D	Num	1379	1380	2 Typical wk, days worked civ job: Wed
M00134E	Num	1381	1382	2 Typical wk, days worked civ job: Thurs
M00134F	Num	1383	1384	2 Typical wk, days worked civ job: Fri
M00134G	Num	1385	1386	2 Typical wk, days worked civ job: Sat
M00135	Num	1387	1388	2 1999, hours per week at main civ job
M00136	Num	1389	1390	2 1999, hours per week at all civ jobs
M00137	Num	1391	1392	2 1999, work over 40 hrs main civ job
M00137SK	Num	1393	1394	2 1999, work over 40 hrs main civ job-SK
M00138	Num	1395	1396	2 1999, number wks over 40 main civ job
M00139A	Num	1397	1398	2 1999, overtime comp: not paid extra
M00139B	Num	1399	1400	2 1999, overtime comp: rec'd comp time
M00139C	Num	1401	1402	2 1999, overtime comp: pd at reg pay rate
M00139D	Num	1403	1404	2 1999, overtime comp: pd time and a half
M00139E	Num	1405	1406	2 1999, overtime comp: pd double time
M00139F	Num	1407	1408	2 1999, overtime comp: pd more than dbl tm
M00139G	Num	1409	1410	2 1999, overtime comp: received bonus
M00139H	Num	1411	1412	2 1999, overtime comp: recd fees/commissn
M00140	Num	1413	1414	2 1999, 2nd civ job & primary civ job
M00140SK	Num	1415	1416	2 1999, 2nd civ job & primary civ job-SK
M00141A	Num	1417	1418	2 Second job due: need income
M00141B	Num	1419	1420	2 Second job due: extra income
M00141C	Num	1421	1422	2 Second job due: saving for future need
M00141D	Num	1423	1424	2 Second job due: independence
M00141E	Num	1425	1426	2 Second job due: self-esteem
M00141F	Num	1427	1428	2 Second job due: enjymnt of work itself
M00141G	Num	1429	1430	2 Second job due: exprnc non-mil career
M00142	Num	1431	1432	2 1999, overtime lost due to NG/R resp
M00143	Num	1433	1434	2 Were you self-employed in 1999
M00143SK	Num	1435	1436	2 Were you self-employed in 1999-SK
M00144A	Num	1437	1438	2 Got time off civ job: mil schooling
M00144B	Num	1439	1440	2 Got time off civ job: Annl Trn/ACDUTRA
M00144C	Num	1441	1442	2 Got time off civ job: required drills
M00145A	Num	1443	1444	2 How pd for NG/R time: military schooling
M00145B	Num	1445	1446	2 How pd for NG/R time: Ann'l Trn/ACDUTRA
M00145C	Num	1447	1448	2 How pd for NG/R time: required drills
M00146A	Num	1449	1450	2 Prob for empl: away for rqrd drills
M00146B	Num	1451	1452	2 Prob for empl: away for Trn/ACDUTRA
M00146C	Num	1453	1454	2 Prob for empl: extra time on NG/R actv
M00146D	Num	1455	1456	2 Prob for empl: away for mobil/deploy
M00147	Num	1457	1458	2 How similar civ job to NG/Reserve duty
M00148A	Num	1459	1460	2 Lv coll/educ trn mobil/dply: no

M00148B	Num	1461	1462	2 Lv coll/educ trn mobil/dply: yes-invol
M00148C	Num	1463	1464	2 Lv coll/educ trn mobil/dply: yes-vol
M00148SK	Num	1465	1466	2 Lv coll/educ trn mobil/dply: no-SK
M00148CN	Num	1467	1468	2 Consistency check for question 148
M00149A	Num	1469	1470	2 Educ prog enrolled in: coll/univ, pblc
RM00149B	Num	1471	1472	2 Educ prog enrolled in: coll/univ, prvt
RM149CD	Num	1473	1474	2 Educ prog enrolled in: technical trn
RM00149E	Num	1475	1476	2 Educ prog enrolled in: cont prof educ
M00149F	Num	1477	1478	2 Educ prog enrolled in: none of above
M00149CN	Num	1479	1480	2 Consistency check for question 149
M00150A	Num	1481	1482	2 Able to: get full rfnd for tuition/fee
M00150B	Num	1483	1484	2 Able to: get partial rfnd for tuition
M00150C	Num	1485	1486	2 Able to: get crdt for coursewrk complt
M00150D	Num	1487	1488	2 Able to: re-enroll after mil duty
M00151	Num	1489	1490	2 Prtcptd in cmptr-based dstnc learning
M00152	Num	1491	1492	2 Which best dscrbs your financial cndtn
M00153	Num	1493	1494	2 How do you feel about your family income
M00154A	Num	1495	1496	2 12 mos income: a second job
RM154BC	Num	1497	1498	2 12 mos income: alimony or child support
M00154E	Num	1499	1500	2 12 mos income: unmplymnt/Wrkr's comp
M00154F	Num	1501	1502	2 12 mos income: State-funded childcare
RM00154G	Num	1503	1504	2 12 mos income: WIC
RM00154K	Num	1505	1506	2 12 mos income: Medicaid
RM154_OW	Num	1507	1508	2 Other public welfare
M00154M	Num	1509	1510	2 12 mos income: interest/dvndnds, savings
M00154N	Num	1511	1512	2 12 mos income: stocks/bonds
M00154O	Num	1513	1514	2 12 mos income: pension from gov emplymnt
RM154PS	Num	1515	1516	2 12 mos inc: pension frm prv emplymnt/SS
M00154Q	Num	1517	1518	2 12 mos income: veterans benefits/pension
M00154R	Num	1519	1520	2 12 mos income: GI Bill
M00155	Num	1521	1522	2 What is your total monthly gross
M00156	Num	1523	1524	2 Which reflects how you use your mil incm
RM157AC	Num	1525	1526	2 Child Spprt/Alimony: You pay spprt/almny
M00157B	Num	1527	1528	2 Child support/Alimony: Spouse pays spprt
M00157D	Num	1529	1530	2 Child support/Alimony: Spouse pay almny
M00158A	Num	1531	1532	2 12 mo event: bounced 2 or more checks
RM158BG	Num	1533	1534	2 12 mo event: late pay ltr commnd officer
M00158C	Num	1535	1536	2 12 mo event: had wages garnished
M00158D	Num	1537	1538	2 12 mo event: behind on rent or mortgage
M00158E	Num	1539	1540	2 12 mo event: behind cr cd, AAFES, NEXCOM
M00158F	Num	1541	1542	2 12 mo event: dunned by stores, creditors
M00158H	Num	1543	1544	2 12 mo event: pawned/sold valuables
RM158IJ	Num	1545	1546	2 12 mo event: borrow from friend/relative
M00158K	Num	1547	1548	2 12 mo event: utilities shut off
RM00158L	Num	1549	1550	2 12 mo event: car, appl, furn repossessed
M00158M	Num	1551	1552	2 12 mo event: went bankrupt
RM00159A	Num	1553	1554	2 Avg monthly amount spent: rent/mortgage
RM00159B	Num	1555	1556	2 Avg monthly amount spent: utilities
RM00159C	Num	1557	1558	2 Avg monthly amount spent: maintenance
RM00159D	Num	1559	1560	2 Avg monthly amount spent: loans on cars
RM00159E	Num	1561	1562	2 Avg monthly amount spent: groceries
RM00159F	Num	1563	1564	2 Avg monthly amount spent: other

M00160	Num	1565	1566	2 Pymnts made last mo to cover prsnl debt
M00161	Num	1567	1568	2 After last pymnt, total amount still owe
M00162	Num	1569	1570	2 Total amount of savings you have
M00163	Num	1571	1572	2 Do you rent or own prncpl residence
M00163SK	Num	1573	1574	2 Do you rent or own prncpl residence-SK
M00164	Num	1575	1576	2 How long rented/owned current rsdnc
M00165SK	Num	1577	1578	2 Member of FT AD Nat'l Grd/Rsrv prgrm-SK
M00166A	Num	1579	1580	2 In next yr plan: retire
M00166B	Num	1581	1582	2 In next yr plan: leave Nat'l Guard/Rsrv
M00166C	Num	1583	1584	2 In next yr plan: trnsfr to active comp
M00166D	Num	1585	1586	2 In next yr plan: trnsfr Nat'l Grd comp
M00166E	Num	1587	1588	2 In next yr plan: drilling unit member
M00166F	Num	1589	1590	2 In next yr plan: trnsfr IMA program
M00166G	Num	1591	1592	2 In next yr plan: trnsfr to IRR/ING
M00166H	Num	1593	1594	2 In next yr plan: remain as AGR/TAR/AR
M00167	Num	1595	1596	2 How lkly would you be to find civ job
M00168	Num	1597	1598	2 Mos assign an AGR/TAR/AR to prsnt post
M00169	Num	1599	1600	2 How much longer expect to be at loc
M00170	Num	1601	1602	2 Times mvd to new loc because of PCS
M00170SK	Num	1603	1604	2 Times mvd to new loc because of PCS-SK
M00171A	Num	1605	1606	2 Recent PCS, prob: higher cost of lvng
M00171B	Num	1607	1608	2 Recent PCS, prob: move, set-up hsehld
M00171C	Num	1609	1610	2 Recent PCS, prob: temp lodging expense
M00171D	Num	1611	1612	2 Recent PCS, prob: cost, set-up rsdnc
M00171E	Num	1613	1614	2 Recent PCS, prob: transportation costs
M00171F	Num	1615	1616	2 Recent PCS, prob: finding civ emplymnt
M00171G	Num	1617	1618	2 Recent PCS, prob: continue education
M00171H	Num	1619	1620	2 Recent PCS, prob: continue spouse edu
M00171I	Num	1621	1622	2 Recent PCS, prob: trnsfrblty of crdts
M00171J	Num	1623	1624	2 Recent PCS, prob: finding perm housing
M00171K	Num	1625	1626	2 Recent PCS, prob: find shopping areas
M00171L	Num	1627	1628	2 Recent PCS, prob: children adjusting
M00171M	Num	1629	1630	2 Recent PCS, prob: spouse adjusting
M00171N	Num	1631	1632	2 Recent PCS, prob: adjusting yourself
M00171O	Num	1633	1634	2 Recent PCS, prob: med care for EFP mem
M00171P	Num	1635	1636	2 Recent PCS, prob: edu facility for EFP
M00172	Num	1637	1638	2 Times sps mv to new loc because of PCS
M00173	Num	1639	1640	2 Do you perform volunteer work
M00173S1	Num	1641	1642	2 Do you perform volunteer work-SK
M00173S2	Num	1643	1644	2 Do you perform volunteer work-SK
M00174A	Num	1645	1646	2 Avg hrs volunteer: Nat'l Guard/Reserve
M00174B	Num	1647	1648	2 Avg hrs volunteer: other dfns/svc grp
M00174C	Num	1649	1650	2 Avg hrs volunteer: civ organization
M00174SK	Num	1651	1652	2 Average hours in month volunteer-SK
M00175A	Num	1653	1654	2 Prevent volunteer: I do not have time
M00175B	Num	1655	1656	2 Prevent volunteer: I am not interested
M00175C	Num	1657	1658	2 Prevent volunteer: location
M00175D	Num	1659	1660	2 Prevent volunteer: time actvty schldd
M00175E	Num	1661	1662	2 Prevent volunteer: lack of childcare
M00175F	Num	1663	1664	2 Prevent volunteer: no transportation
M00175G	Num	1665	1666	2 Prevent volunteer: not been asked
M00175H	Num	1667	1668	2 Prevent volunteer: physically unable

M00176A	Num	1669	1670	2 Feel amnt spent, actvty: civilian job
M00176B	Num	1671	1672	2 Feel amnt spent, actvty: family actvty
M00176C	Num	1673	1674	2 Feel amnt spent, actvty: leisure actvty
M00176D	Num	1675	1676	2 Feel amnt spent, actvty: Nat'l Grd/Rsrv
M00176E	Num	1677	1678	2 Feel amnt spent, actvty: cmmnty actvty
M00177A	Num	1679	1680	2 Stsfd w/feature: basic pay
M00177B	Num	1681	1682	2 Stsfd w/feature: special/incentive pay
M00177C	Num	1683	1684	2 Stsfd w/feature: recruit/retention bonus
M00177D	Num	1685	1686	2 Stsfd w/feature: commissary privileges
M00177E	Num	1687	1688	2 Stsfd w/feature: exchange privileges
M00177F	Num	1689	1690	2 Stsfd w/feature: morale/wlfr/rec prvlgs
M00177G	Num	1691	1692	2 Stsfd w/feature: retirement pay
M00177H	Num	1693	1694	2 Stsfd w/feature: COLA to retirement pay
M00177I	Num	1695	1696	2 Stsfd w/feature: other retirement bnfts
M00177J	Num	1697	1698	2 Stsfd w/feature: educational benefits
M00177K	Num	1699	1700	2 Stsfd w/feature: frequency of moves
M00177L	Num	1701	1702	2 Stsfd w/feature: amount of discipline
M00177M	Num	1703	1704	2 Stsfd w/feature: opp to serve country
M00177N	Num	1705	1706	2 Stsfd w/feature: respect from Actv comp
M00177O	Num	1707	1708	2 Stsfd w/feature: prtcpn, Nat'l Grd/Rsrv
M00178A	Num	1709	1710	2 Agr/Dis, mil life: mil life what expctd
M00178B	Num	1711	1712	2 Agr/Dis, mil life: good retirement bnfts
M00178C	Num	1713	1714	2 Agr/Dis, mil life: not keep up w/infltn
M00179A	Num	1715	1716	2 Stsfd, loc now: climate
M00179B	Num	1717	1718	2 Stsfd, loc now: cost of residence
M00179C	Num	1719	1720	2 Stsfd, loc now: distance to workplace
M00179D	Num	1721	1722	2 Stsfd, loc now: distance to shopping
M00179E	Num	1723	1724	2 Stsfd, loc now: distance to rec areas
M00179F	Num	1725	1726	2 Stsfd, loc now: safety of area live in
M00179G	Num	1727	1728	2 Stsfd, loc now: cost of living
M00179H	Num	1729	1730	2 Stsfd, loc now: avlbty of mil housing
M00179I	Num	1731	1732	2 Stsfd, loc now: quality of mil housing
M00179J	Num	1733	1734	2 Stsfd, loc now: avlbty of civ housing
M00179K	Num	1735	1736	2 Stsfd, loc now: avlbty of goods/svcs
M00179L	Num	1737	1738	2 Stsfd, loc now: recreational facilities
M00179M	Num	1739	1740	2 Stsfd, loc now: attitude of local rsdnts
M00179N	Num	1741	1742	2 Stsfd, loc now: avlbty of Fed emplymnt
M00179O	Num	1743	1744	2 Stsfd, loc now: avlbty, other civ emply
M00179P	Num	1745	1746	2 Stsfd, loc now: quality of school
M00179Q	Num	1747	1748	2 Stsfd, loc now: avlbty of med care, you
M00179R	Num	1749	1750	2 Stsfd, loc now: quality of med care, you
M00179S	Num	1751	1752	2 Stsfd, loc now: avlbty of med care, sps
M00179T	Num	1753	1754	2 Stsfd, loc now: quality of med care, sps
M00179U	Num	1755	1756	2 Stsfd, loc now: avlbty mil fam prg/svc
REQUEST	Num	1757	1758	2 Would you like to know results of survey
SRDATE1	Num	1765	1772	8 On what date did you complete survey
COMMENT	Num	1773	1774	2 If you have comments, please print them
CAS_ELIG	Char	1775	1789	15 CASRO eligibility disposition code
ELIGFLGW	Num	1790	1791	2 ELIGIBLE FLAG
POPTVSTR	Num	1792	1811	20 Taylor Series Variance Strata Population
PSCC	Num	1812	1831	20 Poststratification collapsed cell
PSF0	Num	1832	1851	20 Poststratification adjustment factor

PSFLG	Num	1852	1853	2 Poststratification flag
PSTATUS	Num	1854	1855	2 Post-stratification Disp Code for Form M
PSTCELL	Num	1856	1875	20 Postratification Cell
PSTSTR	Num	1876	1895	20 Final Postratification Cell
PSW0	Num	1896	1915	20 Final poststratified weight
PSW001	Num	1916	1935	20 Final Postratif Weight for Replicate 1
PSW002	Num	1936	1955	20 Final Postratif Weight for Replicate 2
PSW003	Num	1956	1975	20 Final Postratif Weight for Replicate 3
PSW004	Num	1976	1995	20 Final Postratif Weight for Replicate 4
PSW005	Num	1996	2015	20 Final Postratif Weight for Replicate 5
PSW006	Num	2016	2035	20 Final Postratif Weight for Replicate 6
PSW007	Num	2036	2055	20 Final Postratif Weight for Replicate 7
PSW008	Num	2056	2075	20 Final Postratif Weight for Replicate 8
PSW009	Num	2076	2095	20 Final Postratif Weight for Replicate 9
PSW010	Num	2096	2115	20 Final Postratif Weight for Replicate 10
PSW011	Num	2116	2135	20 Final Postratif Weight for Replicate 11
PSW012	Num	2136	2155	20 Final Postratif Weight for Replicate 12
PSW013	Num	2156	2175	20 Final Postratif Weight for Replicate 13
PSW014	Num	2176	2195	20 Final Postratif Weight for Replicate 14
PSW015	Num	2196	2215	20 Final Postratif Weight for Replicate 15
PSW016	Num	2216	2235	20 Final Postratif Weight for Replicate 16
PSW017	Num	2236	2255	20 Final Postratif Weight for Replicate 17
PSW018	Num	2256	2275	20 Final Postratif Weight for Replicate 18
PSW019	Num	2276	2295	20 Final Postratif Weight for Replicate 19
PSW020	Num	2296	2315	20 Final Postratif Weight for Replicate 20
PSW021	Num	2316	2335	20 Final Postratif Weight for Replicate 21
PSW022	Num	2336	2355	20 Final Postratif Weight for Replicate 22
PSW023	Num	2356	2375	20 Final Postratif Weight for Replicate 23
PSW024	Num	2376	2395	20 Final Postratif Weight for Replicate 24
PSW025	Num	2396	2415	20 Final Postratif Weight for Replicate 25
PSW026	Num	2416	2435	20 Final Postratif Weight for Replicate 26
PSW027	Num	2436	2455	20 Final Postratif Weight for Replicate 27
PSW028	Num	2456	2475	20 Final Postratif Weight for Replicate 28
PSW029	Num	2476	2495	20 Final Postratif Weight for Replicate 29
PSW030	Num	2496	2515	20 Final Postratif Weight for Replicate 30
PSW031	Num	2516	2535	20 Final Postratif Weight for Replicate 31
PSW032	Num	2536	2555	20 Final Postratif Weight for Replicate 32
PSW033	Num	2556	2575	20 Final Postratif Weight for Replicate 33
PSW034	Num	2576	2595	20 Final Postratif Weight for Replicate 34
PSW035	Num	2596	2615	20 Final Postratif Weight for Replicate 35
PSW036	Num	2616	2635	20 Final Postratif Weight for Replicate 36
PSW037	Num	2636	2655	20 Final Postratif Weight for Replicate 37
PSW038	Num	2656	2675	20 Final Postratif Weight for Replicate 38
PSW039	Num	2676	2695	20 Final Postratif Weight for Replicate 39
PSW040	Num	2696	2715	20 Final Postratif Weight for Replicate 40
PSW041	Num	2716	2735	20 Final Postratif Weight for Replicate 41
PSW042	Num	2736	2755	20 Final Postratif Weight for Replicate 42
PSW043	Num	2756	2775	20 Final Postratif Weight for Replicate 43
PSW044	Num	2776	2795	20 Final Postratif Weight for Replicate 44
PSW045	Num	2796	2815	20 Final Postratif Weight for Replicate 45
PSW046	Num	2816	2835	20 Final Postratif Weight for Replicate 46
PSW047	Num	2836	2855	20 Final Postratif Weight for Replicate 47

PSW048	Num	2856	2875	20 Final Postratif Weight for Replicate 48
PSW049	Num	2876	2895	20 Final Postratif Weight for Replicate 49
PSW050	Num	2896	2915	20 Final Postratif Weight for Replicate 50
PSW051	Num	2916	2935	20 Final Postratif Weight for Replicate 51
PSW052	Num	2936	2955	20 Final Postratif Weight for Replicate 52
PSW053	Num	2956	2975	20 Final Postratif Weight for Replicate 53
PSW054	Num	2976	2995	20 Final Postratif Weight for Replicate 54
PSW055	Num	2996	3015	20 Final Postratif Weight for Replicate 55
PSW056	Num	3016	3035	20 Final Postratif Weight for Replicate 56
PSW057	Num	3036	3055	20 Final Postratif Weight for Replicate 57
PSW058	Num	3056	3075	20 Final Postratif Weight for Replicate 58
PSW059	Num	3076	3095	20 Final Postratif Weight for Replicate 59
PSW060	Num	3096	3115	20 Final Postratif Weight for Replicate 60
PSW061	Num	3116	3135	20 Final Postratif Weight for Replicate 61
PSW062	Num	3136	3155	20 Final Postratif Weight for Replicate 62
PSW063	Num	3156	3175	20 Final Postratif Weight for Replicate 63
PSW064	Num	3176	3195	20 Final Postratif Weight for Replicate 64
PSW065	Num	3196	3215	20 Final Postratif Weight for Replicate 65
PSW066	Num	3216	3235	20 Final Postratif Weight for Replicate 66
PSW067	Num	3236	3255	20 Final Postratif Weight for Replicate 67
PSW068	Num	3256	3275	20 Final Postratif Weight for Replicate 68
PSW069	Num	3276	3295	20 Final Postratif Weight for Replicate 69
PSW070	Num	3296	3315	20 Final Postratif Weight for Replicate 70
PSW071	Num	3316	3335	20 Final Postratif Weight for Replicate 71
PSW072	Num	3336	3355	20 Final Postratif Weight for Replicate 72
PSW073	Num	3356	3375	20 Final Postratif Weight for Replicate 73
PSW074	Num	3376	3395	20 Final Postratif Weight for Replicate 74
PSW075	Num	3396	3415	20 Final Postratif Weight for Replicate 75
PSW076	Num	3416	3435	20 Final Postratif Weight for Replicate 76
PSW077	Num	3436	3455	20 Final Postratif Weight for Replicate 77
PSW078	Num	3456	3475	20 Final Postratif Weight for Replicate 78
PSW079	Num	3476	3495	20 Final Postratif Weight for Replicate 79
PSW080	Num	3496	3515	20 Final Postratif Weight for Replicate 80
PSW081	Num	3516	3535	20 Final Postratif Weight for Replicate 81
PSW082	Num	3536	3555	20 Final Postratif Weight for Replicate 82
PSW083	Num	3556	3575	20 Final Postratif Weight for Replicate 83
PSW084	Num	3576	3595	20 Final Postratif Weight for Replicate 84
PSW085	Num	3596	3615	20 Final Postratif Weight for Replicate 85
PSW086	Num	3616	3635	20 Final Postratif Weight for Replicate 86
PSW087	Num	3636	3655	20 Final Postratif Weight for Replicate 87
PSW088	Num	3656	3675	20 Final Postratif Weight for Replicate 88
PSW089	Num	3676	3695	20 Final Postratif Weight for Replicate 89
PSW090	Num	3696	3715	20 Final Postratif Weight for Replicate 90
PSW091	Num	3716	3735	20 Final Postratif Weight for Replicate 91
PSW092	Num	3736	3755	20 Final Postratif Weight for Replicate 92
PSW093	Num	3756	3775	20 Final Postratif Weight for Replicate 93
PSW094	Num	3776	3795	20 Final Postratif Weight for Replicate 94
PSW095	Num	3796	3815	20 Final Postratif Weight for Replicate 95
PSW096	Num	3816	3835	20 Final Postratif Weight for Replicate 96
PSW097	Num	3836	3855	20 Final Postratif Weight for Replicate 97
PSW098	Num	3856	3875	20 Final Postratif Weight for Replicate 98
PSW099	Num	3876	3895	20 Final Postratif Weight for Replicate 99

PSW100	Num	3896	3915	20 Final Postratif Weight for Replicate 100
PSW101	Num	3916	3935	20 Final Postratif Weight for Replicate 101
PSW102	Num	3936	3955	20 Final Postratif Weight for Replicate 102
PSW103	Num	3956	3975	20 Final Postratif Weight for Replicate 103
PSW104	Num	3976	3995	20 Final Postratif Weight for Replicate 104
PSW105	Num	3996	4015	20 Final Postratif Weight for Replicate 105
PSW106	Num	4016	4035	20 Final Postratif Weight for Replicate 106
PSW107	Num	4036	4055	20 Final Postratif Weight for Replicate 107
PSW108	Num	4056	4075	20 Final Postratif Weight for Replicate 108
PSW109	Num	4076	4095	20 Final Postratif Weight for Replicate 109
PSW110	Num	4096	4115	20 Final Postratif Weight for Replicate 110
PSW111	Num	4116	4135	20 Final Postratif Weight for Replicate 111
PSW112	Num	4136	4155	20 Final Postratif Weight for Replicate 112
PSW113	Num	4156	4175	20 Final Postratif Weight for Replicate 113
PSW114	Num	4176	4195	20 Final Postratif Weight for Replicate 114
PSW115	Num	4196	4215	20 Final Postratif Weight for Replicate 115
PSW116	Num	4216	4235	20 Final Postratif Weight for Replicate 116
PSW117	Num	4236	4255	20 Final Postratif Weight for Replicate 117
PSW118	Num	4256	4275	20 Final Postratif Weight for Replicate 118
PSW119	Num	4276	4295	20 Final Postratif Weight for Replicate 119
PSW120	Num	4296	4315	20 Final Postratif Weight for Replicate 120
PSW121	Num	4316	4335	20 Final Postratif Weight for Replicate 121
PSW122	Num	4336	4355	20 Final Postratif Weight for Replicate 122
PSW123	Num	4356	4375	20 Final Postratif Weight for Replicate 123
PSW124	Num	4376	4395	20 Final Postratif Weight for Replicate 124
PSW125	Num	4396	4415	20 Final Postratif Weight for Replicate 125
PSW126	Num	4416	4435	20 Final Postratif Weight for Replicate 126
PSW127	Num	4436	4455	20 Final Postratif Weight for Replicate 127
PSW128	Num	4456	4475	20 Final Postratif Weight for Replicate 128
PSW129	Num	4476	4495	20 Final Postratif Weight for Replicate 129
PSW130	Num	4496	4515	20 Final Postratif Weight for Replicate 130
PSW131	Num	4516	4535	20 Final Postratif Weight for Replicate 131
PSW132	Num	4536	4555	20 Final Postratif Weight for Replicate 132
PSW133	Num	4556	4575	20 Final Postratif Weight for Replicate 133
PSW134	Num	4576	4595	20 Final Postratif Weight for Replicate 134
PSW135	Num	4596	4615	20 Final Postratif Weight for Replicate 135
PSW136	Num	4616	4635	20 Final Postratif Weight for Replicate 136
PSW137	Num	4636	4655	20 Final Postratif Weight for Replicate 137
PSW138	Num	4656	4675	20 Final Postratif Weight for Replicate 138
PSW139	Num	4676	4695	20 Final Postratif Weight for Replicate 139
PSW140	Num	4696	4715	20 Final Postratif Weight for Replicate 140
PSW141	Num	4716	4735	20 Final Postratif Weight for Replicate 141
PSW142	Num	4736	4755	20 Final Postratif Weight for Replicate 142
PSW143	Num	4756	4775	20 Final Postratif Weight for Replicate 143
PSW144	Num	4776	4795	20 Final Postratif Weight for Replicate 144
PSW145	Num	4796	4815	20 Final Postratif Weight for Replicate 145
PSW146	Num	4816	4835	20 Final Postratif Weight for Replicate 146
PSW147	Num	4836	4855	20 Final Postratif Weight for Replicate 147
PSW148	Num	4856	4875	20 Final Postratif Weight for Replicate 148
PSW149	Num	4876	4895	20 Final Postratif Weight for Replicate 149
PSW150	Num	4896	4915	20 Final Postratif Weight for Replicate 150
PSW151	Num	4916	4935	20 Final Postratif Weight for Replicate 151

PSW152	Num	4936	4955	20 Final Postratif Weight for Replicate 152
PSW153	Num	4956	4975	20 Final Postratif Weight for Replicate 153
PSW154	Num	4976	4995	20 Final Postratif Weight for Replicate 154
PSW155	Num	4996	5015	20 Final Postratif Weight for Replicate 155
PSW156	Num	5016	5035	20 Final Postratif Weight for Replicate 156
PSW157	Num	5036	5055	20 Final Postratif Weight for Replicate 157
PSW158	Num	5056	5075	20 Final Postratif Weight for Replicate 158
PSW159	Num	5076	5095	20 Final Postratif Weight for Replicate 159
PSW160	Num	5096	5115	20 Final Postratif Weight for Replicate 160
PSW161	Num	5116	5135	20 Final Postratif Weight for Replicate 161
PSW162	Num	5136	5155	20 Final Postratif Weight for Replicate 162
PSW163	Num	5156	5175	20 Final Postratif Weight for Replicate 163
PSW164	Num	5176	5195	20 Final Postratif Weight for Replicate 164
PSW165	Num	5196	5215	20 Final Postratif Weight for Replicate 165
PSW166	Num	5216	5235	20 Final Postratif Weight for Replicate 166
PSW167	Num	5236	5255	20 Final Postratif Weight for Replicate 167
PSW168	Num	5256	5275	20 Final Postratif Weight for Replicate 168
PSW169	Num	5276	5295	20 Final Postratif Weight for Replicate 169
PSW170	Num	5296	5315	20 Final Postratif Weight for Replicate 170
SMPTVSTR	Num	5316	5335	20 Taylor's Series Achieved Smp Size In Var
TVSTR	Num	5336	5355	20 Taylor's Series Variance Strata
ACC_PGM	Char	5356	5357	2 Officer Source of Commission
AGR_SVC	Char	5358	5358	1 Technician/AGR ID
CENREGN	Num	5359	5360	2 Census Region
COMPONEN	Num	5361	5362	2 Military Component
FEMAREGN	Num	5363	5364	2 FEMA Regional Offices
ORG_CD	Char	5365	5366	2 Reserve Component: Strat. Var - Service
PRI OCC	Num	5367	5368	2 Priority Occupations: Stratification Var
PROGRAM	Num	5369	5370	2 Reserve Program
PROGRAM1	Num	5371	5372	2 Reserve Program 1: Stratification Var
R1_JOINT	Num	5373	5374	2 Marriage Category for Sampling
R2_JOINT	Num	5375	5376	2 Joint - Member
R3_JOINT	Num	5377	5378	2 Joint - Collapsed Version of JOINT
RC0MCELL	Num	5379	5382	4 Reservist Member: Stratification Cell
RAGE	Num	5383	5390	8 Recoded age
RSV_CAT	Char	5391	5391	1 Reserve Component Category - RCC
RSV_GRP	Num	5392	5393	2 Reserve Group
RSV_SCAT	Char	5394	5394	1 Training/Retirement Category - TRC
SR_SVC	Num	5395	5396	2 Length Current Selected Reserve Agreeemnt
TITLE	Num	5397	5398	2 Technician/AGR ID
SURVFORM	Num	5399	5400	2 Survey Form

APPENDIX I

NOTES ON ANALYSIS OF THE 2000 DATASET

Variable Construction

This section is focused on the analytic variables contained on the survey analysis files that were used in reporting the results of the survey. The section describes basic crossing variables that were constructed, the race/ethnicity variables based on OMB guidelines, and variables constructed for sample design.

Analytic Variables

The most important variables constructed for analyses have been preserved on the survey analysis files. Where possible these variables are on the public-release file. In every case where a crossing of demographic variables would allow the isolation of one or two respondents, however, either a variable was collapsed into broader categories or some variable was set to missing in the public-release variables in order to preserve respondents' confidentiality.

This section describes basic crossing variables to be constructed for use in the tabulations. Pseudocode is the English language-like logic that will be used to create the constructed variables. The technical logic used to create the constructed variables is the actual SAS program code.

Key Demographic Variables

Demographic data are obtained both from respondents' self-reports on the questionnaire and from the Reserve Components Common Personnel Data System (RCCPDS). Where self-reported data were missing, values were imputed through the use of master file data extracted from the RCCPDS for AGR/TAR personnel. These imputed variables are referred to as X (crossing) variables. The only variables that were imputed are those crucial to the tabulation of data. Figure I.1 provides SAS code for the imputation and creation of the DMDC standard for reporting Federal data on race and ethnicity.

Race and Ethnicity. XRETH1 implements the U.S. Office of Management and Budget Bulletin 00-02 (2000) standards for reporting Federal data on race and ethnicity. XRETH1 groups the responses to SRRACEA-SRRACEF into racial/ethnic categories, which include multi-racial combinations. The categories are broken down by whether or not the respondent indicates Hispanic descent (from variable SRHISP). Each description in the "RACIAL CATEGORY" column of the chart below is preceded by an H for "Hispanic" if the respondent has a value greater than or equal of 2 for SRHISP, and by a NH for "Non-Hispanic" if SRHISP has the value of 1. The columns to the right of the descriptions show the Hispanic and race/ethnicity codes matching each description. The coding for XRETH1 follows the coding provided in the chart. For example, Hispanic single-race respondents who mark only one of SRRACEA-SRRACEF are assigned the corresponding code (1 to 6) from the racial/ethnic categories. Hispanics selecting more than one race are coded 7. The categories for Non-Hispanics are similar, except that some specific racial combinations form their own categories (codes 15-18). The remaining racial combinations reported by Non-Hispanics are coded 19. This variable was imputed using values from the DMDC RCCPDS (for Reserve members).

The variables R1XRETH1 and R2XRETH1 collapse XRETH1 into seven or five categories, respectively.

CODE	RACIAL CATEGORY (XRETH1)	SR- HISP	SR- RACEA	SR- RACEB	SR- RACEC	SR- RACED	SR- RACEE	SR- RACEF
1	H American Indian or Alaska Native	>=2	1	1	2	1	1	1
2	H Asian	>=2	1	1	1	2	1	1
3	H Black or African American	>=2	1	2	1	1	1	1
4	H Native Hawaiian or Other Pacific Islander	>=2	1	1	1	1	2	1
5	H White	>=2	2	1	1	1	1	1
6	H Some other race	>=2	1	1	1	1	1	2
7	Hispanic/Latino reporting more than one race	>=2	(Any combination of more than one 2 in SRRACEA-F)					
8	H Unknown race	>=2	-9	-9	-9	-9	-9	-9
9	NH American Indian or Alaska Native	1	1	1	2	1	1	1
10	NH Asian	1	1	1	1	2	1	1
11	NH Black or African American	1	1	2	1	1	1	1
12	NH Native Hawaiian or Other Pacific Islander	1	1	1	1	1	2	1
13	NH White	1	2	1	1	1	1	1
14	NH Some other race	1	1	1	1	1	1	2
15	NH American Indian or Alaska Native & White	1	2	1	2	1	1	1
16	NH Asian & White	1	2	1	1	2	1	1
17	NH Black or African American & White	1	2	2	1	1	1	1
18	NH American Indian or Alaska Native & Black or African American	1	1	2	2	1	1	1
19	NH Balance of individuals reporting more than one race	1	(Any other combination of more than one 2 in SRRACEA-F)					

Form M (Member) Constructed Variables (Including Imputed Variables)

Race/Ethnicity (XRETH1) Pseudocode.

This variable, a combination of race and ethnicity taken from Questions 82 and 83, will be constructed to compare with the variable SRRETH1 created by DRC. The values for this constructed variable are:

- 1 = Hispanic American Indian or Alaska Native**
- 2 = Hispanic Asian**
- 3 = Hispanic Black/African-American**
- 4 = Hispanic Native Hawaiian or Other Pacific Islander**
- 5 = Hispanic White**
- 6 = Hispanic Other Race**
- 7 = Hispanic with More Than One Race Marked**
- 8 = Hispanic Unknown Race**
- 9 = Non-Hispanic American Indian or Alaska Native**
- 10 = Non-Hispanic Asian**
- 11 = Non-Hispanic Black /African-American**
- 12 = Non-Hispanic Native Hawaiian or Other Pacific Islander**
- 13 = Non-Hispanic White**
- 14 = Non-Hispanic Other Race**
- 15 = Non-Hispanic White and American Indian or Alaska Native**
- 16 = Non-Hispanic White and Asian**
- 17 = Non-Hispanic White and Black/African-American**
- 18 = Non-Hispanic Black /African-American and American Indian or Alaska Native**
- 19 = Balance of Non-Hispanic Individuals with More than One Race Marked**

The pseudocode for creating this variable can be found in Appendix E. When questions 82 or 83 are missing on the survey XRETH1 (and SRRETH1) cannot be created. In this case, values are imputed from administrative record data. Once XRETH1 is successfully compared to SRRETH1, missing values on XRETH1 will be imputed.

Race/Ethnicity (R1XRETH1)

This variable is derived from XRETH1. The values for R1XRETH1 are:

- 1 = White**
- 2 = Black**
- 3 = Hispanic**
- 4 = American Indian/Alaska Native**
- 5 = Asian/Pacific Islander**
- 6 = Other**
- 7 = Marked More Than One Race**

The pseudocode for creating this variable is as follows:

```

IF 1 <= XRETH1 <= 8 THEN R1XRETH1 = 3;
ELSE IF XRETH1 = 9 THEN R1XRETH1 = 4;
ELSE IF XRETH1 IN (10, 12) THEN R1XRETH1 = 5;
ELSE IF XRETH1 = 11 THEN R1XRETH1 = 2;
ELSE IF XRETH1 = 13 THEN R1XRETH1 = 1;
ELSE IF XRETH1 = 14 THEN R1XRETH1 = 6;
ELSE IF 15 <= XRETH1 <= 19 THEN R1XRETH1 = 7;

```

Race/Ethnicity (R2XRETH1)

This variable is also derived from XRETH1, a partially imputed version of SRRETH1. The values for this constructed variable are:

```

1 = Hispanic
2 = White
3 = Black
4 = Other
5 = Marked More Than One Race

```

The pseudocode for creating this variable is as follows:

```

IF 1 <= XRETH1 <= 8 THEN R2XRETH1=1;
ELSE IF XRETH1 = 13 THEN R2XRETH1=2;
ELSE IF XRETH1 = 11 THEN R2XRETH1=3;
ELSE IF XRETH1 IN (9,10,12,14) THEN R2XRETH1=4;
ELSE IF 15 <= XRETH1 <= 19 THEN R2XRETH1=5;

```

Service Component (XMIMPC)

This variable denotes the respondent's service component. It is created from Question 1. The values for XMIMPC are:

```

1 = Army National Guard
2 = Army Reserve
3 = Naval Reserve
4 = Marine Corps Reserve
5 = Air National Guard
6 = Air Force Reserve
7 = Coast Guard Reserve
8 = No Reserve Component
MISSING

```

The pseudocode for creating this variable is as follows:

```

IF SRSVC1 = 1 THEN XMIMPC = 1

```



```
ELSE IF SRSVC1 = 2 THEN XMIMPC = 2
ELSE IF SRSVC1 = 3 THEN XMIMPC = 3
ELSE IF SRSVC1 = 4 THEN XMIMPC = 4
ELSE IF SRSVC1 = 5 THEN XMIMPC = 5
ELSE IF SRSVC1 = 6 THEN XMIMPC = 6
ELSE IF SRSVC1 = 7 THEN XMIMPC = 7
ELSE IF SRSVC1 = 8 THEN XMIMPC = 8
ELSE XMIMPC = MISSING
```

Gender (XMIMPX)

This variable denotes the respondent's gender. It is created from Question 81. These values are:

```
1 = Male
2 = Female
MISSING
```

The pseudocode for creating this variable is as follows:

```
IF SRSEX = 1 THEN XMIMPX = 1
ELSE IF SRSEX = 2 THEN XMIMPX = 2
ELSE XMIMPX = MISSING
```

Paygrade (XMIMPP)

This variable denotes the respondent's paygrade and is created from Question 3. These values are:

01 = Enlisted E-1
02 = Enlisted E-2
03 = Enlisted E-3
04 = Enlisted E-4
05 = Enlisted E-5
06 = Enlisted E-6
07 = Enlisted E-7
08 = Enlisted E-8
09 = Enlisted E-9
11 = Warrant W-1
12 = Warrant W-2
13 = Warrant W-3
14 = Warrant W-4
15 = Warrant W-5
21 = Officer O-1
22 = Officer O-2
23 = Officer O-3
24 = Officer O-4
25 = Officer O-5
26 = Officer O-6 or above
MISSING

The pseudocode for creating this variable is as follows:

```
IF SRGRADE1 = 1 THEN XMIMPP = 01  
ELSE IF SRGRADE1 = 2 THEN XMIMPP = 02  
ELSE IF SRGRADE1 = 3 THEN XMIMPP = 03  
ELSE IF SRGRADE1 = 4 THEN XMIMPP = 04  
ELSE IF SRGRADE1 = 5 THEN XMIMPP = 05  
ELSE IF SRGRADE1 = 6 THEN XMIMPP = 06  
ELSE IF SRGRADE1 = 7 THEN XMIMPP = 07  
ELSE IF SRGRADE1 = 8 THEN XMIMPP = 08  
ELSE IF SRGRADE1 = 9 THEN XMIMPP = 09  
ELSE IF SRGRADE1 = 11 THEN XMIMPP = 11  
ELSE IF SRGRADE1 = 12 THEN XMIMPP = 12  
ELSE IF SRGRADE1 = 13 THEN XMIMPP = 13  
ELSE IF SRGRADE1 = 14 THEN XMIMPP = 14  
ELSE IF SRGRADE1 = 15 THEN XMIMPP = 15  
ELSE IF SRGRADE1 = 21 THEN XMIMPP = 21  
ELSE IF SRGRADE1 = 22 THEN XMIMPP = 22
```

```

ELSE IF SRGRADE1 = 23 THEN XMIMPP = 23
ELSE IF SRGRADE1 = 24 THEN XMIMPP = 24
ELSE IF SRGRADE1 = 25 THEN XMIMPP = 25
ELSE IF SRGRADE1 = 26 THEN XMIMPP = 26
ELSE XMIMPP = MISSING

```

Marital Status (XMIMPM)

This variable denotes the respondent's marital status. It is created from Question 102. The values for this constructed variable are:

```

1 = Married
2 = Not Married
MISSING

```

The pseudocode for creating this variable is as follows:

```

IF SRMARST = 1 THEN XMIMPM = 1
ELSE IF SRMARST = 2 THEN XMIMPM = 1
ELSE IF SRMARST = 3 THEN XMIMPM = 2
ELSE IF SRMARST = 4 THEN XMIMPM = 2
ELSE IF SRMARST = 5 THEN XMIMPM = 2
ELSE XMIMPM = MISSING

```

Total Number of Dependents (DEPNUM1)

This DMDC created variable is a count of the total number of dependents and is derived by taking the sum of M00118A-M00118G. The pseudocode for this variable is as follows:

```

DEPNUM1=SUM(OF M00118A M00118B M00118C M00118D M00118E M00118F
M00118G);

```

Total Number of Dependents Living With You (DEPNUM2)

This DMDC created variable is a count of the total number of dependents living with the member and is derived by taking the sum of M00119A-M00119G. The pseudocode for this variable is as follows:

```

DEPNUM1=SUM(OF M00119A M00119B M00119C M00119D M00119E M00119F
M00119G Program (XPROG)

```

This variable is created by DMDC from M00043, M00045, M00165 and PROGRAM1.
The values are as follows:

. = Missing/Unknown
1 = TPU
2 = AGR Title 10
3 = AGR Title 32
4 = Mil Tech
5 = IMA
6 = AGR Unk Title

The psuedocode for creating this variable is as follows:

```
XPROG = .;  
IF M00043 = 3 THEN XPROG = 5;  
ELSE IF M00045 = 2 THEN XPROG = 4;  
ELSE IF M00043 = 1 AND M00165 NOT = 2 THEN XPROG = 1;  
ELSE IF M00165 = 2 AND PROGRAM1 = 2 THEN XPROG = 2;  
ELSE IF M00165 = 2 AND PROGRAM1 = 3 THEN XPROG = 3;  
ELSE IF M00165 = 2 AND PROGRAM1 = 0 THEN XPROG = 6;  
ELSE IF M00043 = 2 AND M00165 NOT = 1 AND PROGRAM1 = 2 THEN  
    XPROG = 2;  
ELSE IF M00043 = 2 AND M00165 NOT = 1 AND PROGRAM1 = 3 THEN  
    XPROG = 3;  
ELSE IF M00043 = 2 AND M00165 NOT 1 AND PROGRAM1 = 0 THEN XPROG  
    = 6;  
ELSE IF M00043 = 2 AND M00045 NOT = 2 AND M00165 = 1 THEN XPROG =  
    PROGRAM1;  
ELSE XPROG = PROGRAM1;  
IF XPROG = 0 THEN XPROG = .;
```

Total Operations (CM11ATOT)

This constructed variable is a count of the total number of operations --- and is derived by taking the sum of M00011AA-M00011AK. The pseudocode for this variable is as follows:

```
CM11ATOT=SUM(OF M00011AA M00011AB M00011AC M00011AD M00011AE  
    M00011AF M00011AG M00011AH M00011AI M00011AJ  
    M00011AK);
```

Total Months Mobilized or Deployed (CM11DTOT)

This constructed variable is a count of the total number of months the member was mobilized or deployed for and is derived by taking the sum of M00011DA-M00011DK. The pseudocode for this variable is as follows:

**CM11DTOT=SUM(OF M00011DA M00011DB M00011DC M00011DD M00011DE
M00011DF M00011DG M00011DH M00011DI M00011DJ
M00011DK);**

Spouse Total Operations (CM112TOT)

This constructed variable is a count of the total number of operations the member's spouse was mobilized or deployed for as a reservist and is derived by taking the sum of M00112AA-M00112AK. The pseudocode for this variable is as follows:

**CM112TOT=SUM(OF M00112AA M00112AB M00112AC M00112AD M00112AE
M00112AF M00112AG M00112AH M00112AI M00112AJ
M00011AK);**

Imputation

Characteristics the respondent does not report can often be imputed from the Reserve Components Common Personnel Data System (RCCPDS) file of administrative records. The following variables crucial to the tabulation of data have values that are imputed from these records:

<u>Member Form</u>	<u>Variable Imputed From</u>
Member's Race/Ethnicity (XRETH1)	RACE_CD (and) ETH_AFF_CD
Member's Service Component (XMIMC)	ORG_CD_
Member's Gender (XMIMPX)	PN_SEX
Member's paygrade (XMIMPP)	PPLN_GRD_ID
Member's marital status (XMIMPM)	MRTL

Flags will be created for each variable to be imputed, with the same name as the variable but with an "F" appended to the name. For all of these flags, the possible values are:

0 = Not imputed

1 = Imputed

APPENDIX J

SOFTWARE APPLICATIONS FOR THE ANALYSIS OF THE RCS FORMS M AND S

Appendix J

Software Applications for the Analysis of the 2000 RCS Forms M and S

Variance estimation procedures have been developed to account for the sample design and estimators employed in a complex survey. Using these procedures, factors such as the selection of sample and the use of differential sampling rates to oversample a targeted subpopulation can be appropriately reflected in estimates of sampling error. The two main methods for estimating variances from a complex survey are known as Taylor series variance estimation and replication. Wolter (1985) is a useful reference on the theory and applications of these methods. Shao (1996) is a more recent review paper that compares the methods.

Standard statistical software packages that always assume simple random sampling may not properly compute variance estimates from weighted data that were collected with a design other than simple random sampling. Analyzing the 2000 Survey of Reserve Component Personnel (RCS) datasets with the proper use of PSW0 as the weighting factor in standard statistical programs will result in accurate point estimates¹ but will not result in accurate variance estimates.

This appendix gives guidance for analyzing² the 2000 RCS Form M and S using three software packages (WesVar, SUDAAN, and SAS) that take into account the variance structure of surveys. In general, SUDAAN, WesVar, and SAS all produce the same point estimates.³ The differences are in the methods used to compute the variances. While WesVar uses only replication methods and SUDAAN can use both replication methods and Taylor series expansions, SAS uses only Taylor series expansions. While SAS has a more limited set of statistics available at this time, it can still produce most of the statistics typically reported from survey data. In version 7, SAS first introduced procedures for estimating variances in data with complex variance structures. However, in Version 8 an important option was added with the *DOMAIN* statement.

In the following sections, examples for estimates and their standard errors are shown using the 2000 RCS Form M data file. Estimates and their standard errors for Form S are computed in a similar way. Differences in the implementation of the examples between the Forms M and S are noted.

For reference, Table J-1 lists some of the features available in SUDAAN, SAS, and WesVar that are relevant to DMDC survey analysis. This list is not exhaustive, particularly for SUDAAN and WesVar. SUDAAN and WesVar have other analysis features that may also be of interest to some data users.

¹ Differences may occur in point estimates (e.g., means, percentages, and correlations) from different statistical packages as the result of different methods of handling missing data by some procedures.

² While two of the three packages can handle at least some regression functions for sample designs other than simple random sampling, this introduction is limited to estimating percentages.

³ Because programs may handle missing values differently, estimates may be different when missing values are present.

Table 7.
Some Features of Three Software Packages for the Analysis of Survey Data

Feature	SUDAAN	SAS	WesVar
Estimation features reflected in variance estimates			
Stratification	x	x	x
Ineligible cases in poststratification frame	x	x	x
Differential weights among cases	x	x	x
Nonresponse adjustments (unknown eligibility, eligible nonrespondents)	x*	NA	x
Poststratification	x	NA	x
Raking	NA	NA	x
Finite population correction factors	x	x	x**
Tables			
Totals/standard errors	x	x	x
Means/standard errors	x	x	x
Proportions/standard errors	x	x	x
Multi-way tables	x	x	x
Differences of cell estimates/standard errors	x	NA	x
Ratios of cell estimates	x	NA	x
Linear regression			
Parameter estimates/standard errors	x	x	x
Confidence intervals for parameters	x	x	x
Logistic regression			
Parameter estimates/standard errors	x	NA	x
Confidence intervals for parameters	x	NA	x
Odds ratios/confidence intervals	x	NA	x
Multinomial logistic regression (unordered categories)			
Parameter estimates/standard errors	x	NA	x
Odds ratios/confidence intervals	x	NA	x
Multinomial logistic regression (ordered categories)			
Parameter estimates/standard errors	x	NA	NA
Odds ratios/confidence intervals	x	NA	NA

Note: NA= not available.

* Available in SUDAAN when estimates of variance based on replication methods are used

** Common fpc's at the replicate level

Structure of Datasets

Both the confidential file and public-release 2000 RCS Form M files contain 74,487 records, one for every sampled individual. These 74,487 records can be divided into three subgroups, which are used for different analytic purposes and may be required by different analytic packages. The primary analytic subgroup ($\text{ELIGFLGW} = 1$) is comprised of eligible respondents and these records are typically all that are required for analyses.

The second subgroup ($\text{ELIGFLGW} = 2$) is known as self-reported ineligible members not identified in the frame and these records were used along with the eligible respondents to develop weights that sum to the population total. Records for respondents and self-reported ineligible ($\text{ELIGFLGW} = 1$ and 2, respectively) can be used to compute variance estimates by the Taylor series linearization method implemented by SUDAAN and SAS Version 8. All 35,694 records with ELIGFLGW equal to 1 or 2 should be used in the analytic dataset for SUDAAN.⁴ The records for known ineligibles are not used in the point estimates, but they are used in computing variances.

The last subgroup ($\text{ELIGFLGW} = 3$) is composed of nonrespondents and ineligible members identified by the frame. These records are needed only to analyze response rates to the survey and are not retained for any other analyses.

The effect of excluding just the ineligible records may be small on Taylor series variance estimates. Other steps to further subset the dataset before passing it to SUDAAN may lead to more serious errors in variance estimates because SUDAAN would not properly treat the subset as an estimation domain. In this particular situation, SUDAAN could still estimate the variances though they would be different than estimates using the full dataset of 35,694 records.

The confidential and public-release 2000 RCS Form S (spouse) files contain 42,434 records, one for every sampled spouse. As in the member file, the 43,047 records in the Form S file can be divided into three groups: eligible respondents (19,555 records with $\text{ELIGFLGW} = 1$), self-reported ineligible persons (1,267 records with $\text{ELIGFLGW} = 2$), and non-respondents or ineligible persons identified by the frame (22,225 records with $\text{ELIGFLGW} = 3$). As in the Form M, all 20,822 records in Form S with ELIGFLGW equal to 1 or 2 should be used in the analytic dataset for SUDAAN.

Analysis of 2000 RCS Forms M and S Using WesVar

This section describes the use of WesVar to analyze data for the 2000 RCS Form M survey in order to compute sample estimates and their corresponding standard errors. Examples using the 2000 RCS Form S are similar to the examples presented in the following sections.

⁴ SUDAAN could also process all records. It would simply skip the 38,793 records with zero weights ($\text{PSW0} = 0$).

WesVar is a statistical software package developed by Westat that uses replication methods to compute variance estimates. Through the use of replicates, adjustments made during weighting (e.g., non-response, poststratification) can be taken into account by making the same adjustments to each replicate separately. Replication is computer intensive, but powerful personal computers have largely eliminated this as an issue. However, it is still possible that for very large datasets, the computations will exceed the capacity of the machine or take a long time. Although replication can be used for most estimates, replication techniques are not necessarily appropriate for all sample statistics of interest. Special care is needed when trying to estimate median, quartiles, or other quantiles. Direct estimates of sampling errors for quantiles are not supported, although an alternative method due to Woodruff (1952) is available in the software.

WesVar is an interactive program centered on sessions called “workbooks.” A workbook is a file linked to a specific WesVar dataset. In a workbook, the user can request descriptive statistics, as well as analyze and create new statistics. The information about the design is incorporated into the replicate weights when the datafile is created. For descriptive statistics and analysis variables, “requests” are defined within a workbook. Regression requests support both linear and logistic models. Outputs include statistics such as the sum of weights, means, and percentages, along with their corresponding standard errors, design effects, coefficients of variation (CV), and confidence intervals.

Creation of WesVar Files

WesVar uses special files to compute statistics.⁵ The first step is to transform the SAS files into an XPT file that can be transformed into a WesVar data file known as a VAR file. Prior to the creation of the file, it is recommended to subset the SAS file to include only the 19,960 eligible records (ELIGFLGW=1). In this way, there is no need to use a subpopulation option to run statistics about the eligible population. Once the file has been subset, create an XPT file for importation into WesVar.

```
libname out 'e:\sasfiles\datasets';
libname library 'e:\sasfiles\datasets';
libname out6 V612 'e:\sasfiles\datasets';
libname sasout xport 'e:\sasfiles\datasets';

data out6.rcssort;
set out.rcssort;

if eligflgw=1;

proc copy in=out6 out=sasout memtype=data;
selectrcssort;
```

The creation of the VAR file is a two step process. The first step is to open a new “WesVar Data File” and select the XPT file. From the “Source variable” column, move the final weight variable, PSW0, into the cell labeled “Full Sample” and move DMDC_ID into the cell labeled

⁵ These files are available on CD-ROM for the WGR Form 2002 GB.

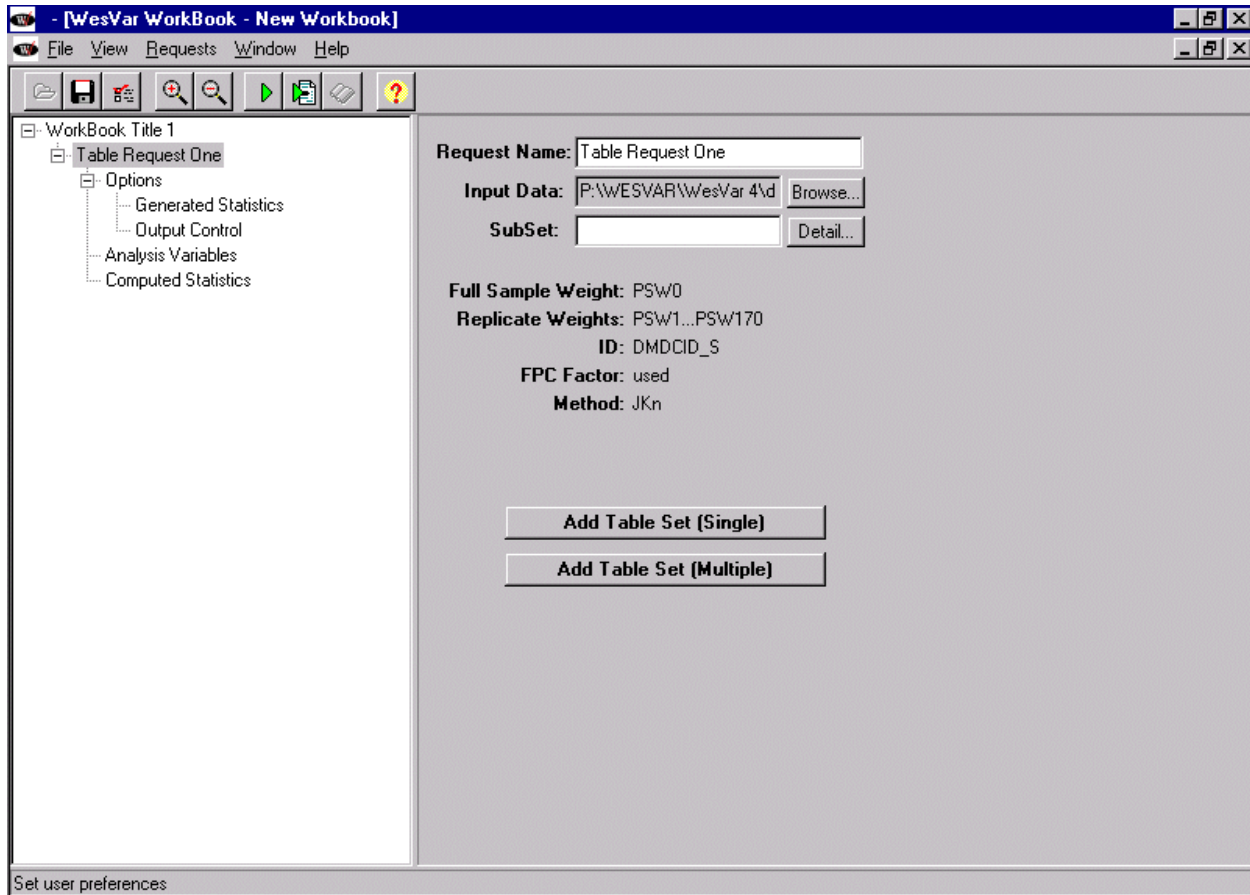
“ID”. In the case of the WGR Form 2002 GB, the other information about the design (variance strata and weight adjustments) has been incorporated during the creation of the replicate weights. From the source variable column, move the replicate weights, PSW1-PSW170, into the column labeled “Replicates”. The remaining items in the source variable column can be moved into the column labeled “Variables” for analysis as independent and dependent variables. Any items not moved to the “Variables” column will not be included in the new WesVar dataset. Note however, if this VAR file is too large to create on your computer, only include the variables: S00109A, S00109E, RORGCD, ELIGFLGW, as well as a variable that is present in both member and spouse surveys in the column labeled “Variables”. Select JK_n as the variance estimation method in the box labeled “Methods” and save the file. A message box will appear, “You chose JK_n as the replication method. This means replicate weights must have been created using JK_n. Is this correct? Click Yes. A subsequent message box appears, “The output WesVar Data File should not be used for analysis until the correct JK_n factors are defined using the “Attach Factors” command. Click Ok. After the file has been saved, this may take several minutes, another message box will appear, “Make sure degrees of freedom are consistent with the replicate method. To change the degrees of freedom choose “Modify Df”. Click Ok. The variance estimation method (JK_n) requires two additional files: 1) a file with the finite population factors (FPC.DAT) and 2) a file with the JK_n factors (JKN.DAT). Attaching these factors to the dataset constitutes the second step in creating a WesVar dataset. To attach the factors, select “Data” from the toolbar and “Attach factors” from the dropdown menu. In the “Attach factors” window, select the FPC factor column and click open in the “External FPC Factors”. Choose the FPC.dat file. Repeat the process for the JK_n Factor column to attach the JKN.dat file. Click “OK” to save the final WesVar dataset. A message box will pop-up with the message “This operation will create a new VAR file. You will be asked to specify a file.” Click Ok.

Creating a Workbook and Running a Simple Table

To create a workbook, select “New WesVar Workbook” on the opening WesVar screen. This will bring up a screen asking for the location of the data. Select the data (VAR) file. Next, follow the example set in Figure J-1.⁶ When this is completed, select “Table”. This will bring up the screen shown in Figure J-2. The “Add Table Set (Single)” and “Add Table Set (Multiple)” buttons are alternative ways of defining tables. The first example discussed here will be to create a one-way table of the numbers of persons in each level of the computed Reserve service component variable, RORGCD from the 2000 RCS From S file. *[[insert screen for Fig. J-1. New WesVar Workbook.]]*

⁶ The examples and screenshots in this section were done using version 4.1 of WesVar. Versions 3 and 4.2 are similar.

Figure J-1.
A WesVar Workbook



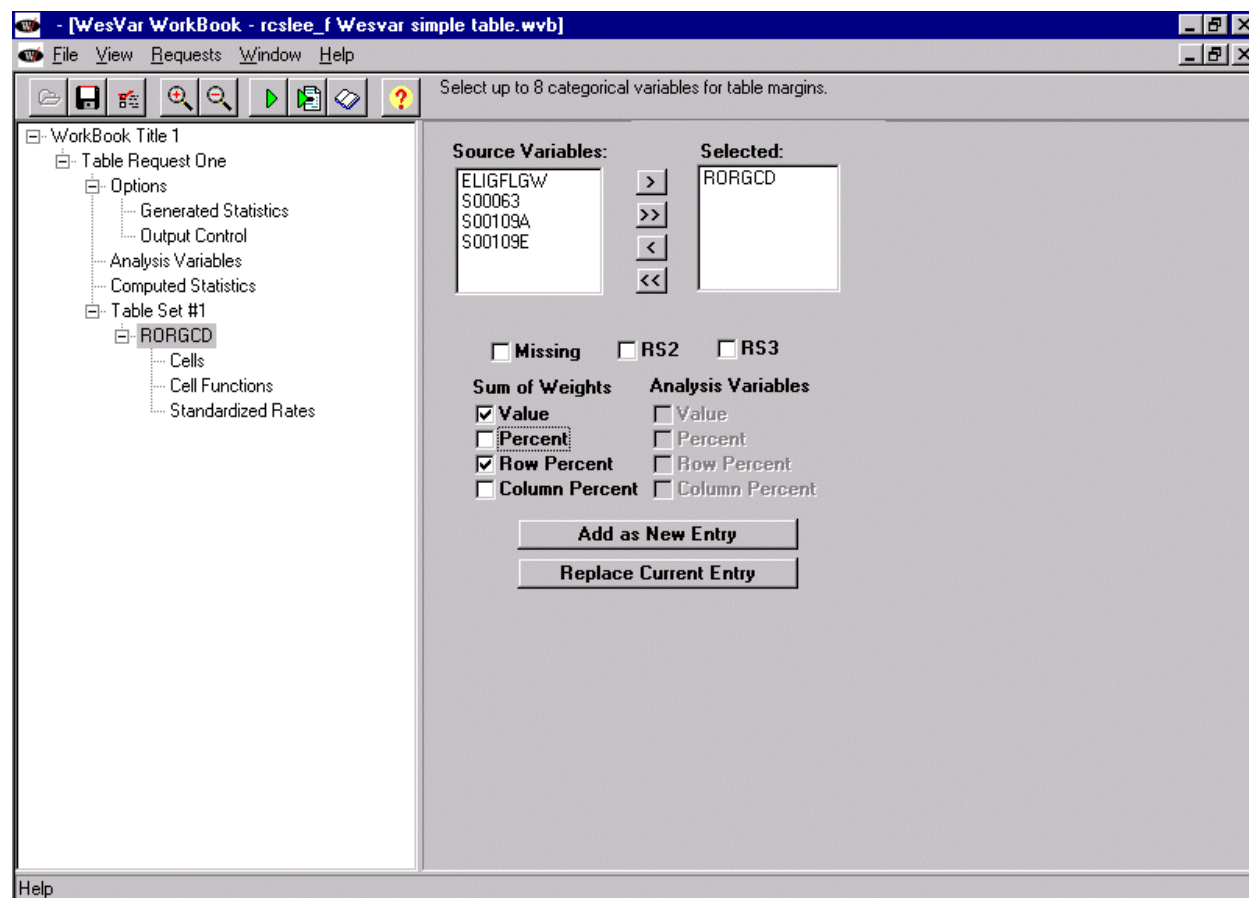
To define this table, click the button “Add Table Set (Single),” which brings up the screen in Figure J-2. From the Source Variables list in the right-hand panel, select and drag the variable RORGCD to the Selected box. Then click the button “Add as New Entry” to add the table to the workbook tree on the left. In the column labeled “Sum of Weights,” the checks indicate that estimated totals (Value) and the cell percentages (Percent), associated with each cell total, will be printed in the output.

You can give more descriptive labels to nodes of the workbook tree if desired. For example, you can highlight the “Table Request One” node in the left-hand panel in Figure J-1 and change the Request Name to “Simple Tabulations” in the right-hand panel.

To run the RORGCD table, select “Requests/Run Workbook Requests” from the menu or click the green triangle button in the toolbar. When the calculation has been completed, the book icon in the toolbar will no longer be gray. You can then view the output by selecting “Requests/View Output” from the menu or by clicking the book icon. The output is shown in Listing J-1. The particular statistics to be printed are selected in the “Options/Generated

Statistics” node in Figure J-2. The ones shown in Listing J-1 are the estimate, standard error, CV (%), numerator and denominator sample sizes for percentages (CELL_n and DENOM_n in the output), and design effect. Other choices are confidence intervals (computed using the t approximation or the Wilson method for percentages), the effective sample size (defined as the actual sample size divided by the design effect), and the p -values for testing whether parameters are zero.

Figure J-2.
Defining a WesVar Table Request



Listing J-1.
Sample WesVar Output of Marginal Totals, Percentages, and Standard Errors

```

WESVAR VERSION NUMBER :      v4.0
TIME THE JOB EXECUTED :      10:33:30 12/06/2002
INPUT DATASET NAME :        P:\WESVAR\WesVar 4\data\rclslee_f.var
TIME THE INPUT DATASET CREATED : 16:51:19 12/03/2002
FULL SAMPLE WEIGHT :        PSW0
REPLICATE WEIGHTS :         PSW1...PSW170
VARIANCE ESTIMATION METHOD :  JKn

```

```

OPTION COMPLETE :          ON
OPTION FUNCTION LOG :      ON
OPTION VARIABLE LABEL :    OFF
OPTION VALUE LABEL :       OFF
OPTION OUTPUT REPLICATE ESTIMATES :      OFF
FINITE POPULATION CORRECTION FACTOR :      1.00000
VALUE OF ALPHA (CONFIDENCE LEVEL %) :      0.05000 (95.00000 %)
DEGREES OF FREEDOM :      170
t VALUE :                  1.974

ANALYSIS VARIABLES :      None Specified.
COMPUTED STATISTIC :      None Specified.
TABLE(S) :                RORGCD

FACTOR(S) :                0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54
                           0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54
                           0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54
                           0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79
                           0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79
                           0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79
                           0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90
                           0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90
                           0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99
                           0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99

JKn FACTOR(S) :

```


Listing J-1.

Sample WesVar Output of Marginal Totals, Percentages, and Standard Errors (continued)

NUMBER OF REPLICATES :								
170								
NUMBER OF OBSERVATIONS READ :								
19555								
WEIGHTED NUMBER OF OBSERVATIONS READ :								
381059.779								
RORGCD	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CV (%)	CELL_n	DENOM_n	DEFF
1	SUM_WTS VALUE	117522.62	1544.658	1.314		6036	N/A	N/A
2	SUM_WTS VALUE	73105.42	1608.255	2.200		3800	N/A	N/A
3	SUM_WTS VALUE	43271.28	990.723	2.290		2239	N/A	N/A
4	SUM_WTS VALUE	29105.88	903.575	3.104		1433	N/A	N/A
5	SUM_WTS VALUE	56275.36	1357.297	2.412		2907	N/A	N/A
6	SUM_WTS VALUE	45872.40	1177.311	2.566		2349	N/A	N/A
7	SUM_WTS VALUE	15906.81	698.353	4.390		791	N/A	N/A
MARGINAL	SUM_WTS VALUE	381059.78	765.514		0.201	19555	N/A	
N/A								

Comparing Two Subgroups Using WesVar

First, start by selecting a variable that has at least five levels. Make sure this question has at least two responses options that are reasonably related (correlated) with one another. For use in these exercises, questions 109A and 109E have been selected from the RCS form S. Question 109 asks: If your spouse were mobilized/deployed for more than 30 days, how likely are you and your family to make use of the following military services? Response A indicates individual counseling/therapy, and response E indicates services for families during separation. Also select a variable that is present in both the member and the spouse surveys for use in this WesVar exercise for use as a source variable.

The second example discussed here will compare the percentages of two subgroups who report needing counseling or family support services (Question 109A, variable S00109A from the 2000 RCS Form S questionnaire). The two subgroups will be the Army Reserve members and the Navy Reserve members.

To compare two subgroups, create a workbook as in the previous example. Then, create a two-way table comparing the service branches' (RORGCD) responses to question S00109A. To define this table, click the button "Add Table Set (Single)" in Figure J-1, which brings up the screen in Figure J-2. From the "Source Variables" list in the right-hand panel, select the variables RORGCD and S00109A and drag them to the "Selected" box. Then click "Add as New Entry" to add the table to the workbook tree on the left.

The levels of RORGCD define the rows of the table while the levels of S00109A define the columns. The values RORGCD = 2 and 3 are codes for the Army Reserve members and Navy Reserve members, respectively. The value S00109A = 4 means that a member reported being satisfied with the possibility of being mobilized/deployed in the future. The following discussion illustrates how to compute the difference between the percentages of Army Reserve

and Navy Reserve members who reported being satisfied.

At this point, the workbook tree will have an entry labeled “RORGCD*S00109A” as shown in Figure J-3. Notice the node RORGCD*S00109A has three branches labeled “Cells,” “Cell Functions,” and “Standardized Rates.” To calculate the desired difference in percentages, you must define the cells of the table that will be used and then combine the estimates for the cells with a cell function.

Click the node “Cells” in Figure J-3. From the RORGCD list in the right-hand panel, select 2 for all Army Reserve members and from the S00109A list select 4 for all members who answered “they are satisfied with the possibility of being mobilized/deployed in the future.” A default name for the cell will appear in the “Label” box. By selecting the “Label” box, you can give the cell a more descriptive name (e.g., ArmyRsSatisfied) as shown in Figure J-3. Then click “Add as New Entry” to add the cell to the workbook tree. Repeat this step but instead of selecting 2 for Army Reserve members in the S00109A list, select 3 for Navy Reserve members. From the S00109A list select 4 again and give the cell a more descriptive name (e.g., NavyRsSatisfied). Click the button “Add as New Entry” to add the cell to the workbook tree on the left.

To compare the new cells you have created, click the node “Cell Functions” in the workbook tree, which brings up the screen in Figure J-4. In the “Function Statistic” box, type “Diff =”. “Diff” is a user-specified name that will be printed in the output. Then, from the “Source Cells” list, select and drag ArmyRsSatisfied into the “Function Statistic” box. Click (or type) the minus sign. Select and drag NavyRsSatisfied into the “Function Statistic” box and click the “Add as New Entry” button to add the function to the workbook tree. The screen should now look like Figure J-4.

Figure J-3.
Defining a Cell in a Workbook

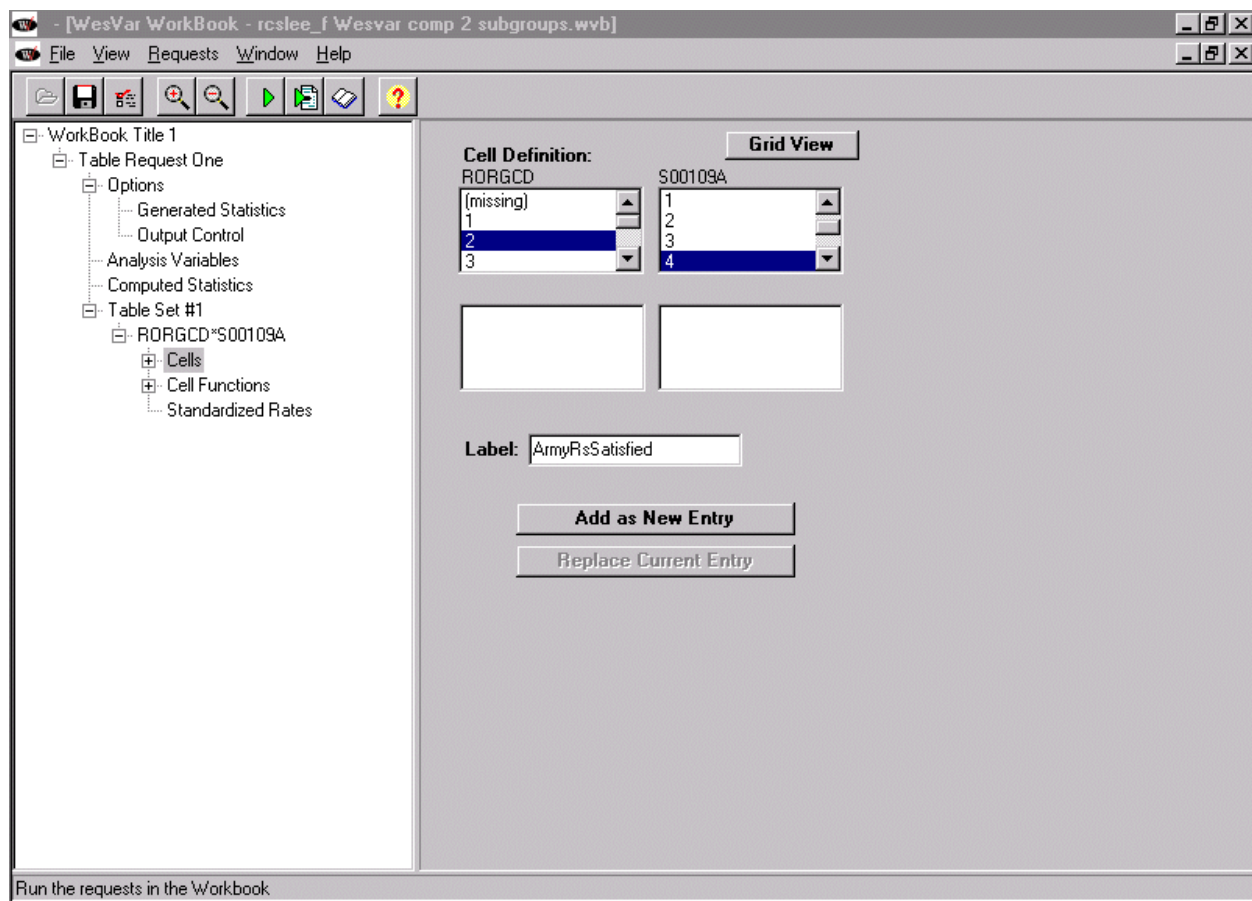
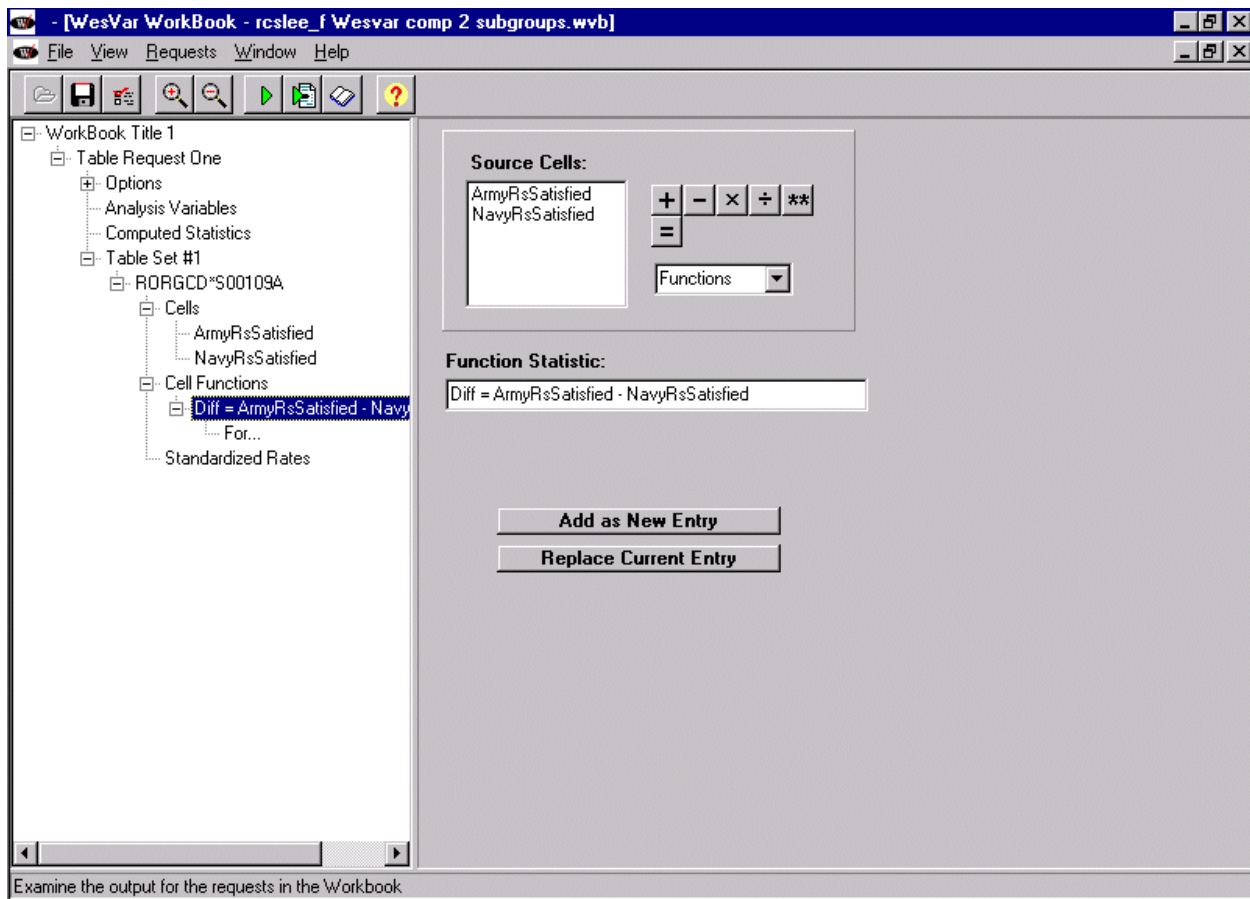


Figure J-4.
Defining a Cell Function



In the “For” node (to access the “For” node, click on one of the cell functions) under the “Cell Functions” node, SUM_WTS will have been selected by default, which is the appropriate choice in this example. With the “For” node selected, check the boxes for “Value” and “Row Percent” under “Sum of Weights.” By selecting the check box for “Value,” the differences in the estimated numbers in the Army Reserve members and Navy Reserve members who said they were satisfied will be computed and printed in the output along with its standard error. Selecting the check box for “Row Percent” will give the difference in the percentages for the Army Reserve members and Navy Reserve members and the standard error of the difference. Other statistics, such as a confidence interval, can be requested in the “Generated Statistics” node of the workbook tree shown in Figure J-2.

To run the table, select “Requests/Run Workbook Requests” from the menu or click the green triangle button in the toolbar. When the calculation has been completed, the book icon in the toolbar will no longer be gray. You can then view the output by selecting “Requests/View Output” from the menu or by clicking the book icon. The output is shown in Listing J-2. The last line of the listing gives the estimated difference in row percentage to be -6.20, with a 95% confidence interval of -8.56 to -3.84. The t-statistic for testing whether this difference is

✻

Listing J-2.

Sample WesVar Comparison of Two Subgroups

```
WESVAR VERSION NUMBER : v4.0  
TIME THE JOB EXECUTED : 10:41:23 12/06/2002  
INPUT DATASET NAME : P:\WESVAR\WesVar 4\data\racslee_f.var  
TIME THE INPUT DATASET CREATED : 16:51:19 12/03/2002  
FULL SAMPLE WEIGHT : PSW0  
REPLICATE WEIGHTS : PSW1...PSW170  
VARIANCE ESTIMATION METHOD : JKn  
  
OPTION COMPLETE : ON  
OPTION FUNCTION LOG : ON  
OPTION VARIABLE LABEL : OFF  
OPTION VALUE LABEL : OFF  
OPTION OUTPUT REPLICATE ESTIMATES : OFF  
FINITE POPULATION CORRECTION FACTOR : 1.00000  
VALUE OF ALPHA (CONFIDENCE LEVEL %) : 0.05000 (95.00000 %)  
DEGREES OF FREEDOM : 170  
t VALUE : 1.974  
  
ANALYSIS VARIABLES : None Specified.  
COMPUTED STATISTIC : None Specified.  
TABLE(S) : RORGCD*S00109A  
  
FACTOR(S) : 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54  
0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54  
0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54  
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0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99  
JKn FACTOR(S) : 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97  
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0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99  
0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99  
NUMBER OF REPLICATES : 170  
NUMBER OF OBSERVATIONS READ : 19555  
WEIGHTED NUMBER OF OBSERVATIONS READ : 381059.779
```

Listing J-2.

Sample WesVar Comparison of Two Subgroups (continued)

Listing J-2.
Sample WesVar Comparison of Two Subgroups (continued)

5	2	SUM_WTS	VALUE	5112.84	343.054	4435.65	5790.04	14.904	0	6.71	347	N/A	N/A
5	3	SUM_WTS	VALUE	23632.05	806.561	22039.88	25224.21	29.3	0	3.413	1486	N/A	N/A
5	4	SUM_WTS	VALUE	35180.28	891.369	33420.7	36939.86	39.468	0	2.534	1885	N/A	N/A
5	5	SUM_WTS	VALUE	9169.98	535.044	8113.79	10226.16	17.139	0	5.835	488	N/A	N/A
5	66	SUM_WTS	VALUE	21398.46	602.532	20209.05	22587.87	35.514	0	2.816	1520	N/A	N/A
5	67	SUM_WTS	VALUE	40.44	20.27	0.42	80.45	1.995	0.048	50.128	4	N/A	N/A
5	MARGINAL	SUM_WTS	VALUE	97716.86	422.57	96882.7	98551.02	231.244	0	0.432	5925	N/A	N/A
6	1	SUM_WTS	VALUE	1771.93	202.817	1371.56	2172.29	8.737	0	11.446	133	N/A	N/A
6	2	SUM_WTS	VALUE	3435.08	240.724	2959.89	3910.27	14.27	0	7.008	261	N/A	N/A
6	3	SUM_WTS	VALUE	18416.38	588.091	17255.48	19577.28	31.316	0	3.193	1112	N/A	N/A
6	4	SUM_WTS	VALUE	18463.68	606.184	17267.06	19660.3	30.459	0	3.283	1101	N/A	N/A
6	5	SUM_WTS	VALUE	4561.66	324.368	3921.35	5201.97	14.063	0	7.111	290	N/A	N/A
6	66	SUM_WTS	VALUE	7249.56	342.581	6573.3	7925.82	21.162	0	4.726	788	N/A	N/A
6	67	SUM_WTS	VALUE	11754.79	307.978	11146.83	12362.74	38.168	0	2.62	1122	N/A	N/A
6	MARGINAL	SUM_WTS	VALUE	65653.08	228.379	65202.26	66103.9	287.474	0	0.348	4807	N/A	N/A
7	1	SUM_WTS	VALUE	140.48	22.248	96.57	184.4	6.314	0	15.837	53	N/A	N/A
7	2	SUM_WTS	VALUE	167.3	17.587	132.59	202.02	9.513	0	10.512	69	N/A	N/A
7	3	SUM_WTS	VALUE	2200.74	51.105	2099.85	2301.62	43.063	0	2.322	859	N/A	N/A
7	4	SUM_WTS	VALUE	2551.72	71.254	2411.06	2692.37	35.812	0	2.792	965	N/A	N/A
7	5	SUM_WTS	VALUE	772.87	48.208	677.71	868.03	16.032	0	6.238	288	N/A	N/A
7	66	SUM_WTS	VALUE	411.32	33.727	344.75	477.9	12.196	0	8.2	148	N/A	N/A
7	67	SUM_WTS	VALUE	183.39	17.971	147.91	218.86	10.205	0	9.799	78	N/A	N/A
7	MARGINAL	SUM_WTS	VALUE	6427.82	36.43	6355.91	6499.73	176.442	0	0.567	2460	N/A	N/A
MARGINAL	1	SUM_WTS	VALUE	30965.65	1577.284	27852.07	34079.24	19.632	0	5.094	1112	N/A	N/A
MARGINAL	2	SUM_WTS	VALUE	42111.68	1564.434	39023.46	45199.9	26.918	0	3.715	1764	N/A	N/A
MARGINAL	3	SUM_WTS	VALUE	243218.91	3395.329	236516.48	249921.35	71.633	0	1.396	10727	N/A	N/A
MARGINAL	4	SUM_WTS	VALUE	218628.08	3431.83	211853.59	225402.57	63.706	0	1.57	10604	N/A	N/A
MARGINAL	5	SUM_WTS	VALUE	66812.32	1485.539	63879.84	69744.8	44.975	0	2.223	3025	N/A	N/A
MARGINAL	66	SUM_WTS	VALUE	91606.86	1725.061	88201.56	95012.15	53.104	0	1.883	5186	N/A	N/A
MARGINAL	67	SUM_WTS	VALUE	20515.4	557.374	19415.13	21615.66	36.807	0	2.717	2117	N/A	N/A
MARGINAL	MARGINAL	SUM_WTS	VALUE	713858.9	1181.483	711526.63	716191.16	604.206	0	0.166	34535	N/A	N/A
1	1	SUM_WTS	ROWPCT	5.67	0.486	4.71	6.63	11.678	0	8.563	326	7397	3.261
1	2	SUM_WTS	ROWPCT	7.14	0.462	6.23	8.05	15.471	0	6.464	457	7397	2.377
1	3	SUM_WTS	ROWPCT	36.62	0.997	34.66	38.59	36.732	0	2.722	2531	7397	3.168

Listing J-2.
Sample WesVar Comparison of Two Subgroups (continued)

1	4	SUM_WTS	ROWPCT	28.89	0.932	27.05	30.73	30.989	0	3.227	2232	7397	3.13
1	5	SUM_WTS	ROWPCT	9.6	0.461	8.69	10.51	20.831	0	4.801	686	7397	1.811
1	66	SUM_WTS	ROWPCT	11.83	0.412	11.01	12.64	28.726	0	3.481	1155	7397	1.202
1	67	SUM_WTS	ROWPCT	0.24	0.088	0.07	0.41	2.719	0.007	36.782	10	7397	2.392
1	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	7397	7397	.
2	1	SUM_WTS	ROWPCT	4.41	0.412	3.59	5.22	10.705	0	9.342	252	6926	2.787
2	2	SUM_WTS	ROWPCT	5.98	0.404	5.18	6.78	14.794	0	6.76	385	6926	2.012
2	3	SUM_WTS	ROWPCT	37.32	0.849	35.64	38.99	43.961	0	2.275	2365	6926	2.133
2	4	SUM_WTS	ROWPCT	29.16	0.864	27.45	30.86	33.732	0	2.965	1975	6926	2.505
2	5	SUM_WTS	ROWPCT	9.84	0.576	8.71	10.98	17.075	0	5.857	585	6926	2.594
2	66	SUM_WTS	ROWPCT	9.48	0.406	8.68	10.28	23.34	0	4.284	856	6926	1.331
2	67	SUM_WTS	ROWPCT	3.82	0.218	3.39	4.25	17.517	0	5.709	508	6926	0.896
2	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	6926	6926	.
3	1	SUM_WTS	ROWPCT	1.6	0.222	1.16	2.04	7.193	0	13.903	76	4560	1.432
3	2	SUM_WTS	ROWPCT	2.79	0.257	2.28	3.3	10.856	0	9.212	145	4560	1.111
3	3	SUM_WTS	ROWPCT	34.97	0.905	33.19	36.76	38.635	0	2.588	1679	4560	1.643
3	4	SUM_WTS	ROWPCT	35.36	0.825	33.73	36.99	42.875	0	2.332	1758	4560	1.357
3	5	SUM_WTS	ROWPCT	8.64	0.424	7.8	9.47	20.393	0	4.904	424	4560	1.037
3	66	SUM_WTS	ROWPCT	15.86	0.702	14.48	17.25	22.613	0	4.422	431	4560	1.681
3	67	SUM_WTS	ROWPCT	0.77	0.133	0.51	1.04	5.825	0	17.167	47	4560	1.05
3	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	4560	4560	.
4	1	SUM_WTS	ROWPCT	5.12	0.677	3.78	6.45	7.566	0	13.217	77	2460	2.318
4	2	SUM_WTS	ROWPCT	5.21	0.654	3.92	6.5	7.964	0	12.556	100	2460	2.133
4	3	SUM_WTS	ROWPCT	36	1.253	33.53	38.48	28.738	0	3.48	695	2460	1.676
4	4	SUM_WTS	ROWPCT	29.8	1.207	27.41	32.18	24.684	0	4.051	688	2460	1.714
4	5	SUM_WTS	ROWPCT	10.77	0.818	9.15	12.38	13.171	0	7.592	264	2460	1.711
4	66	SUM_WTS	ROWPCT	8.61	0.699	7.23	9.99	12.322	0	8.116	288	2460	1.527
4	67	SUM_WTS	ROWPCT	4.49	0.204	4.09	4.89	22.017	0	4.542	348	2460	0.239
4	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	2460	2460	.
5	1	SUM_WTS	ROWPCT	3.26	0.338	2.59	3.92	9.638	0	10.376	195	5925	2.148
5	2	SUM_WTS	ROWPCT	5.23	0.349	4.54	5.92	14.999	0	6.667	347	5925	1.454
5	3	SUM_WTS	ROWPCT	24.18	0.811	22.58	25.79	29.805	0	3.355	1486	5925	2.128
5	4	SUM_WTS	ROWPCT	36	0.897	34.23	37.77	40.122	0	2.492	1885	5925	2.071
5	5	SUM_WTS	ROWPCT	9.38	0.546	8.31	10.46	17.174	0	5.823	488	5925	2.08

Listing J-2.
Sample WesVar Comparison of Two Subgroups (continued)

5	66	SUM_WTS	ROWPCT	21.9	0.62	20.67	23.12	35.309	0	2.832	1520	5925	1.333
5	67	SUM_WTS	ROWPCT	0.04	0.021	0	0.08	1.996	0.048	50.111	4	5925	0.616
5	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	5925	5925	.
6	1	SUM_WTS	ROWPCT	2.7	0.308	2.09	3.31	8.75	0	11.428	133	4807	1.741
6	2	SUM_WTS	ROWPCT	5.23	0.365	4.51	5.95	14.352	0	6.968	261	4807	1.289
6	3	SUM_WTS	ROWPCT	28.05	0.911	26.25	29.85	30.802	0	3.247	1112	4807	1.975
6	4	SUM_WTS	ROWPCT	28.12	0.912	26.32	29.92	30.854	0	3.241	1101	4807	1.976
6	5	SUM_WTS	ROWPCT	6.95	0.491	5.98	7.92	14.138	0	7.073	290	4807	1.796
6	66	SUM_WTS	ROWPCT	11.04	0.516	10.02	12.06	21.398	0	4.673	788	4807	1.303
6	67	SUM_WTS	ROWPCT	17.9	0.468	16.98	18.83	38.272	0	2.613	1122	4807	0.716
6	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	4807	4807	.
7	1	SUM_WTS	ROWPCT	2.19	0.345	1.5	2.87	6.326	0	15.807	53	2460	1.373
7	2	SUM_WTS	ROWPCT	2.6	0.274	2.06	3.14	9.502	0	10.524	69	2460	0.728
7	3	SUM_WTS	ROWPCT	34.24	0.809	32.64	35.83	42.322	0	2.363	859	2460	0.715
7	4	SUM_WTS	ROWPCT	39.7	1.072	37.58	41.81	37.026	0	2.701	965	2460	1.181
7	5	SUM_WTS	ROWPCT	12.02	0.749	10.54	13.5	16.043	0	6.233	288	2460	1.306
7	66	SUM_WTS	ROWPCT	6.4	0.514	5.38	7.41	12.452	0	8.031	148	2460	1.085
7	67	SUM_WTS	ROWPCT	2.85	0.28	2.3	3.41	10.171	0	9.832	78	2460	0.698
7	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	2460	2460	.
MARGINAL	1	SUM_WTS	ROWPCT	4.34	0.22	3.9	4.77	19.692	0	5.078	1112	34535	4.038
MARGINAL	2	SUM_WTS	ROWPCT	5.9	0.217	5.47	6.33	27.162	0	3.682	1764	34535	2.935
MARGINAL	3	SUM_WTS	ROWPCT	34.07	0.471	33.14	35	72.364	0	1.382	10727	34535	3.408
MARGINAL	4	SUM_WTS	ROWPCT	30.63	0.482	29.68	31.58	63.573	0	1.573	10604	34535	3.772
MARGINAL	5	SUM_WTS	ROWPCT	9.36	0.21	8.95	9.77	44.61	0	2.242	3025	34535	1.792
MARGINAL	66	SUM_WTS	ROWPCT	12.83	0.241	12.36	13.31	53.348	0	1.874	5186	34535	1.786
MARGINAL	67	SUM_WTS	ROWPCT	2.87	0.078	2.72	3.03	36.739	0	2.722	2117	34535	0.757
MARGINAL	MARGINAL	SUM_WTS	ROWPCT	100	.	.	.	.	.	.	34535	34535	.

LABEL	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	LOWER	UPPER	t VALUE	PROB>|T|	CV(%)
Diff	SUM_WTS	VALUE	20080.43	1492.876	17133.47	23027.39	13.451	0	7.434
Diff	SUM_WTS	ROWPCT	-6.20	1.196	-8.56	-3.84	-5.186	0	19.284

Comparing Two Analysis Variables Using WesVar

The third example discussed here will compare the response to two questions within subgroups defined by branch of the service from the 2000 RCS Form S file. The questions are: (1) the Reserve member's level of satisfaction with the possibility of being mobilized or deployed in the future (Question 109A, variable S00109A) versus (2) the Reserve member's level of satisfaction with NOT being mobilized or deployed recently (Question 109E, variable S00109E). The subgroups will be the Army Reserve, the Naval Reserve, and the Air Force Reserve.

To compare two questions within subgroups, create a workbook as in the previous two examples. Then define a three-way table comparing the two questions (S00109A and S00109E) within each branch of service (RORGCD). The output will be three sub-tables, one for each subgroup, comparing the percentages of Reserve members who report being satisfied with the possibility of being mobilized or deployed in the future versus being satisfied with NOT being mobilized or deployed recently. To define this table, click the button "Add Table Set (Single)" in Figure J-1, which brings up Figure J-2. From the "Source Variables" list in the right-hand panel, select the variables RORGCD, S00109A and S00109E in that order and drag them to the "Selected" box. Then click "Add as New Entry" to add the table to the workbook tree on the left.

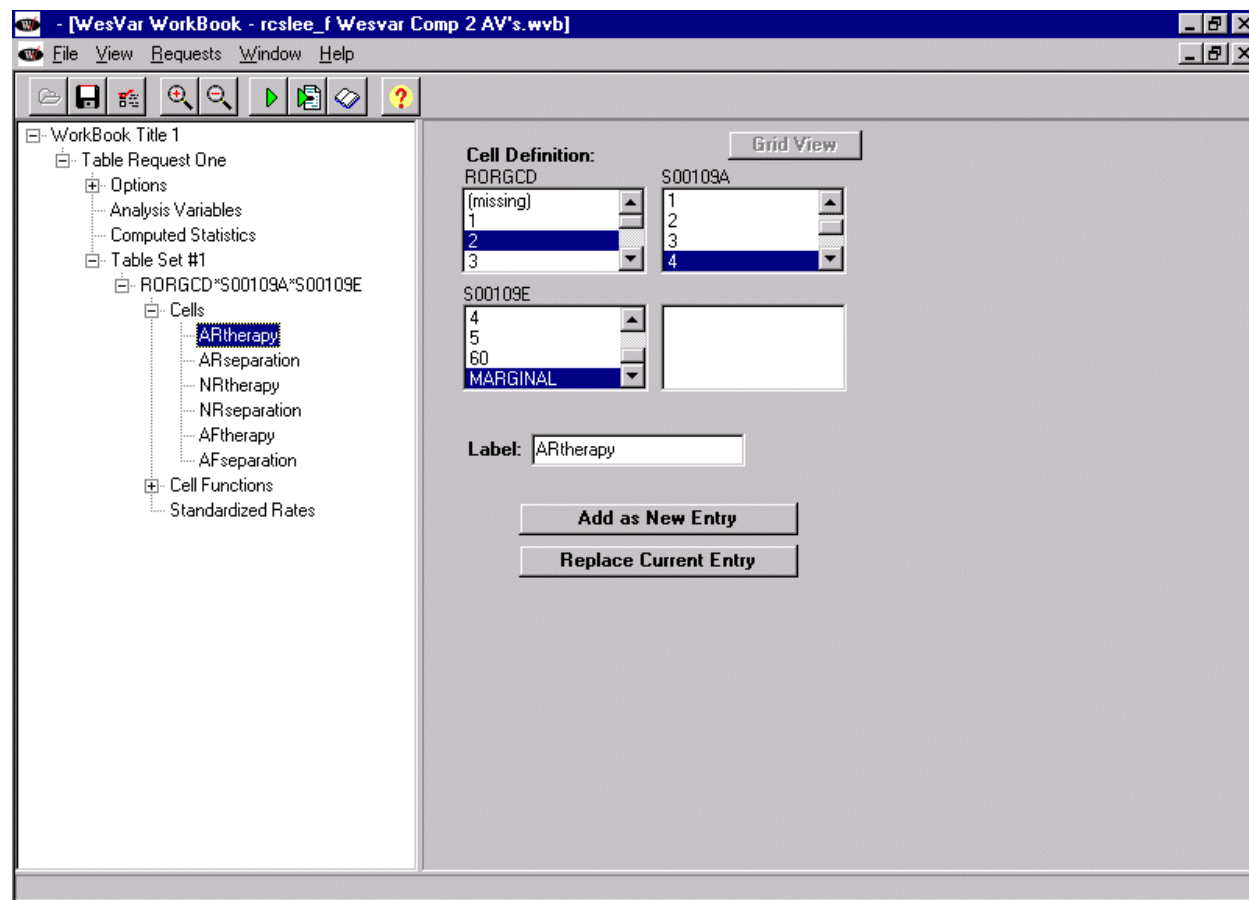
The levels of RORGCD define the sub-tables while the levels of S00109A define the rows and S00109E define the columns. The values RORGCD = 2, 3, and 6 identify the members of the Army Reserve, the Navy Reserve, and the Air Force Reserve, respectively. The value S00109A = 4 means that the Reserve member reported being satisfied with the possibility of being mobilized or deployed in the future. The value S00109E = 4 indicates that the Reserve member reported being satisfied with NOT being mobilized or deployed recently.

The workbook tree will now have a node labeled "RORGCD*S00109A *S00109E" as shown in Figure J-5. Notice RORGCD*S00109A *S00109E has three branches labeled "Cells," "Cell Functions," and "Standardized Rates." To calculate the desired difference in percentages, you must define the cells of the table that will be used and then combine estimates for the cells with a cell function.

Click the node "Cells" in Figure J-5. From the RORGCD list in the right-hand panel, select 2 for all the Army Reserve members. From the S00109A list, select 4. From the S00109E list, select MARGINAL. The cell (S00109A,S00109E) = (4, MARGINAL) for the Army Reserve members will be used to obtain the percentage of the Army Reserve members who reported being satisfied with the possibility of being mobilized or deployed in the future. A default name for the cell will appear in the "Label" box. By selecting the "Label" box, you can give the cell a more descriptive name (e.g., ARfuture) as in Figure J-5. Then click the button "Add as New Entry" to add the cell to the workbook tree. Now, from the RORGCD list in the right-hand panel, select 2 again for all the Army Reserve members. From the S00109A list, select MARGINAL. From the S00109E list, select 4. The cell (S00109A,S00109E) = (MARGINAL, 4) will be used to obtain the percentage of Reserve members who reported being satisfied with NOT being mobilized or deployed recently. By selecting the "Label" box, you can also give this cell a more descriptive name (e.g., ARrecent) as in Figure J-5. Then click the button "Add as New Entry" to add the cell to the workbook tree. Repeat these steps for the Navy

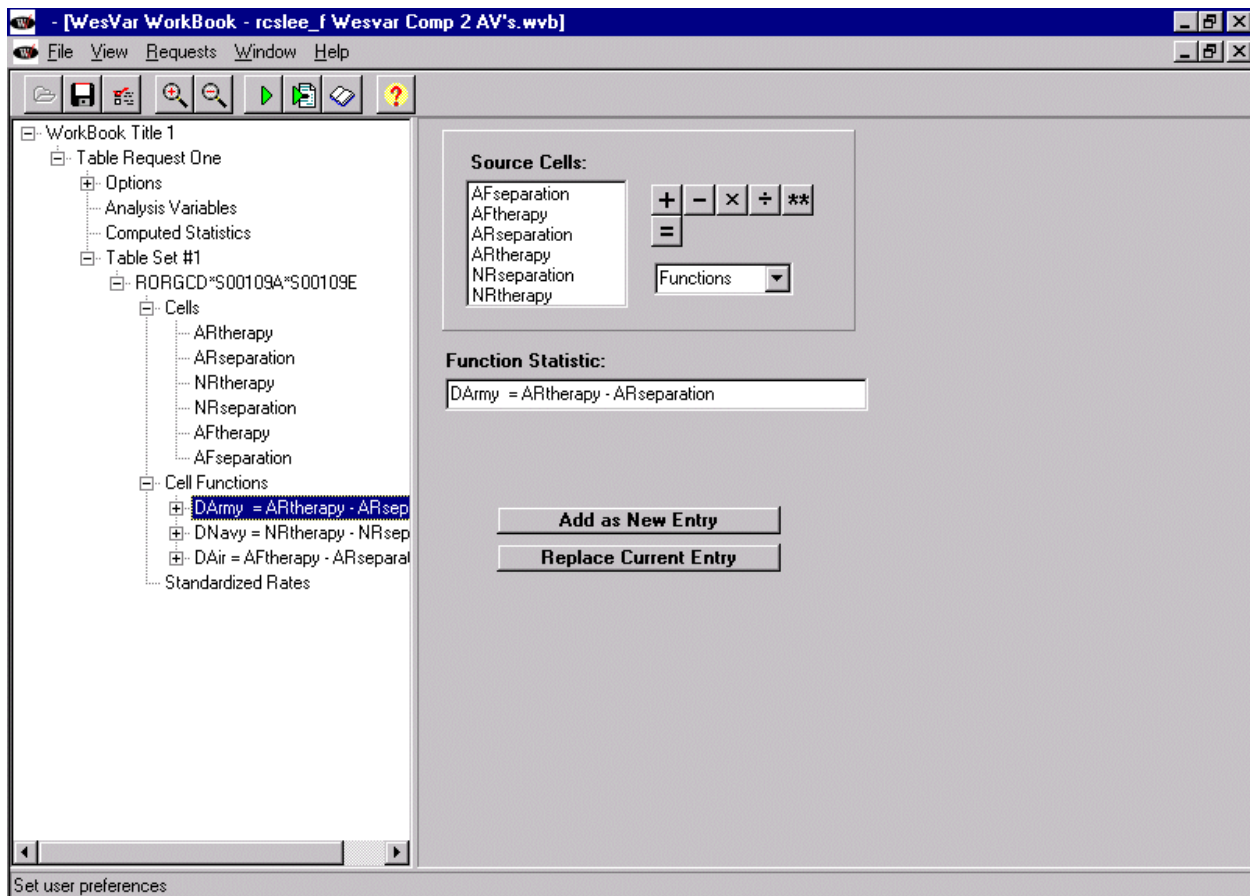
Reserve (RORGCD = 3) and the Air Force Reserve (RORGCD = 6).

Figure J-5.
Defining Cell in a Workbook



To compare the new cells you have created, click the node “Cell Functions” in the workbook tree. This brings up the screen in Figure J-6. In the “Function Statistic” box, type “DArmy =”. “DArmy” is a user-specified name for the difference in the two questions for the Army Reserve and will be printed in the output. Then, from the “Source Cells” list, select and drag ARfuture into the “Function Statistic” box. Click (or type) the minus sign. Select and drag ARrecent into the “Function Statistic” box and click the “Add as New Entry” button to add the function to the workbook tree. In the “Function Statistic” box, type “DNavy =.” Then, from the “Source Cells” list, select and drag NRfuture into the “Function Statistic” box. Click (or type) the minus sign. Select and drag NRrecent into the “Function Statistic” box and click “Add as New Entry.” Finally, in the “Function Statistic” box, type “DAirF =.” From the “Source Cells” list, select and drag AFfuture into the “Function Statistic” box. Click (or type) the minus sign and then, select and drag AFrecent into the “Function Statistic” box. Click “Add as New Entry.” The screen should now look like Figure J-6.

Figure J-6.
Defining a Cell Function



In the “For” node (to access the “For” node, click on one of the cell functions) under the “Cell Functions” node, the statistic SUM_WTS will have been selected by default. This is the appropriate choice in this example. With the “For” node selected, check the boxes for “Value” and “Percent” under Sum of Weights. By selecting Value, the differences in the estimated numbers in the two questions S00109A and S00109E will be computed and printed in the output along with their standard errors. Selecting the check box for Percent will give the difference in percentages for the two questions and the standard error of the difference. Other statistics, such as a confidence interval, can be requested in the “Generated Statistics” node of the workbook tree shown in Figure J-2.

To run the table, select “Request/Run Workbook Requests” from the menu or click the green triangle button in the toolbar. When the calculation has completed, the book icon in the toolbar will no longer be gray. You can then view the output by selecting “Requests/View Output” from the menu or by clicking the book icon. An extract of the output is shown in

Listing J-3. In this example, a larger percentage of reservists were satisfied with individual counseling/therapy than were satisfied with services for families during separation.

Listing J-3.
Sample WesVar Comparison of Two Analysis Variables

RORGCD	S00109A	S00109E	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CV(%)	CELL_n	DENOM_n	DEFF
2	4	1	SUM_WTS	VALUE	331.36	102.150	30.827	17	N/A	N/A
2	4	2	SUM_WTS	VALUE	218.89	79.055	36.116	10	N/A	N/A
2	4	3	SUM_WTS	VALUE	835.99	159.908	19.128	26	N/A	N/A
2	4	4	SUM_WTS	VALUE	2721.79	290.782	10.683	123	N/A	N/A
2	4	5	SUM_WTS	VALUE	685.50	170.003	24.800	31	N/A	N/A
2	4	60	SUM_WTS	VALUE	43.25	43.593	100.787	1	N/A	N/A
2	4	MARGINAL	SUM_WTS	VALUE	4836.80	388.628	8.035	208	N/A	N/A

RORGCD	S00109A	S00109E	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CV(%)	CELL_n	DENOM_n	DEFF
2	MARGINAL	1	SUM_WTS	VALUE	26131.43	928.408	3.553	1458	N/A	N/A
2	MARGINAL	2	SUM_WTS	VALUE	12921.13	686.971	5.317	673	N/A	N/A
2	MARGINAL	3	SUM_WTS	VALUE	11109.33	632.055	5.689	541	N/A	N/A
2	MARGINAL	4	SUM_WTS	VALUE	13818.42	657.925	4.761	685	N/A	N/A
2	MARGINAL	5	SUM_WTS	VALUE	5189.78	446.495	8.603	239	N/A	N/A
2	MARGINAL	60	SUM_WTS	VALUE	3081.69	308.918	10.024	163	N/A	N/A
2	MARGINAL	MARGINAL	SUM_WTS	VALUE	72251.78	1645.179	2.277	3759	N/A	N/A

RORGCD	S00109A	S00109E	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CV(%)	CELL_n	DENOM_n	DEFF
3	4	1	SUM_WTS	VALUE	46.14	31.166	67.552	5	N/A	N/A
3	4	2	SUM_WTS	VALUE	201.03	82.662	41.119	6	N/A	N/A
3	4	3	SUM_WTS	VALUE	267.17	95.726	35.830	12	N/A	N/A
3	4	4	SUM_WTS	VALUE	1783.44	259.910	14.574	74	N/A	N/A
3	4	5	SUM_WTS	VALUE	326.33	82.029	25.137	20	N/A	N/A
3	4	60	SUM_WTS	VALUE	54.71	55.159	100.815	1	N/A	N/A
3	4	MARGINAL	SUM_WTS	VALUE	2678.82	302.756	11.302	118	N/A	N/A

RORGCD	S00109A	S00109E	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	CV(%)	CELL_n	DENOM_n	DEFF
3	MARGINAL	1	SUM_WTS	VALUE	15782.74	702.391	4.450	900	N/A	N/A
3	MARGINAL	2	SUM_WTS	VALUE	6596.09	450.481	6.830	341	N/A	N/A
3	MARGINAL	3	SUM_WTS	VALUE	6668.31	510.290	7.652	330	N/A	N/A
3	MARGINAL	4	SUM_WTS	VALUE	8824.84	508.358	5.761	404	N/A	N/A
3	MARGINAL	5	SUM_WTS	VALUE	2653.48	314.875	11.867	121	N/A	N/A
3	MARGINAL	60	SUM_WTS	VALUE	2004.23	248.311	12.389	98	N/A	N/A
3	MARGINAL	MARGINAL	SUM_WTS	VALUE	42529.69	1003.362	2.359	2194	N/A	N/A

Listing J-3.

Sample WesVar Comparison of Two Analysis Variables (continued)

6	MARGINAL	1	SUM_WTS	PERCENT	5.34	0.498	10.726	0	9.323	166	4127	2.024
6	MARGINAL	2	SUM_WTS	PERCENT	7.46	0.515	14.498	0	6.898	232	4127	1.583
6	MARGINAL	3	SUM_WTS	PERCENT	31.74	1.042	30.475	0	3.281	1037	4127	2.067
6	MARGINAL	4	SUM_WTS	PERCENT	15.44	0.709	21.787	0	4.59	540	4127	1.588
6	MARGINAL	5	SUM_WTS	PERCENT	5.84	0.476	12.278	0	8.145	242	4127	1.699
6	MARGINAL	66	SUM_WTS	PERCENT	13.04	0.604	21.564	0	4.637	788	4127	1.33
6	MARGINAL	67	SUM_WTS	PERCENT	21.14	0.557	37.915	0	2.637	1122	4127	0.769
6	MARGINAL	MARGINAL	SUM_WTS	PERCENT	100	.	.	.	.	4127	4127	.

LABEL	STATISTIC	EST_TYPE	ESTIMATE	STDERROR	t VALUE	PROB>|T|	CV (%)
DArmy	SUM_WTS	VALUE	12979.99	1105.834	11.738	0	8.52
DArmy	SUM_WTS	PERCENT	11.25	0.94	11.977	0	8.349
DAirF	SUM_WTS	VALUE	5841.66	565.162	10.336	0	9.675
DAirF	SUM_WTS	PERCENT	10.5	1.014	10.357	0	9.656
DNavy	SUM_WTS	VALUE	8997.68	504.918	17.82	0	5.612
DNavy	SUM_WTS	PERCENT	16.78	0.924	18.161	0	5.506

Comparing Estimates from Different Surveys using WesVar

The fourth example uses a t-statistic to compare an estimate from one survey with an estimate from an independently selected sample from another survey. The surveys used in this example are the 2000 Survey of Reserve Component Personnel (RCS Form M) and 2000 Survey of Reserve Component Personnel Spouse (RCS Form S), which are independent of one another. This example will compare the proportion of married Reserve members who reported being satisfied with their commissary privileges in the RCS Form M (Question 177d) with the proportion of Reserve member spouses who reported being satisfied with commissary privileges in the RCS Form S (Question 109A).

*To compare the proportions of married members and their spouses who reported being satisfied with their commissary privileges, first compute the standard error for the married Reserve members using the RCS Form M data. Create a workbook as in the previous example and specify a two-way table of married Reserve members (XMIMPM) by the member's satisfaction with their commissary privileges (M00177D), as in the second example. After creating the table XMIMPM * M00177D, run the table as described before. The proportion (P_{member}) of married Reserve members (XMIMPM = 1) who reported being satisfied with their commissary privileges (M00177d = 4) is 31.37, with a standard error (se_{member}) of 0.544.

Next obtain the proportion estimate of Reserve members spouses who reported being satisfied with commissary privileges (S00109A = 4) using the RCS Form S data. To do this create a simple table for the variable S00109A like in the first WesVar example. The proportion (P_{spouse}) of Reserve member's spouses who reported being satisfied with their commissary privileges is 32.02, with a standard error (se_{spouse}) of 0.426.

The difference between the married Reserve members and their spouses, computed using the proportions obtained from WesVar, is $31.37 - 32.02 = -0.65$ percentage points. To compare the proportions P_{member} and P_{spouse} , use the following formula to compute the standard error of the difference:

$$se_{member-spouse} = \sqrt{se_{member}^2 + se_{spouse}^2}$$

and this formula to compute the t -statistic for testing the difference:

$$t = \frac{P_{member} - P_{spouse}}{se_{member-spouse}}.$$

*In the example above, $se_{member-spouse} = \sqrt{(0.544)^2 + (0.426)^2} = 0.691$ percent and $t = \frac{-0.65}{0.691} = -0.941$, which shows there is no significant difference between the married Reserve members and their spouses.

The proportions and standard errors used in the formulas above can also be produced in SUDAAN and SAS as described in the following sections.

Analysis of 2000 RCS Forms M and S Using SUDAAN

This section describes how to use SUDAAN for the analysis of the 2000 RCS Form M and details which options are appropriate to use. The analysis for the Form S file is similar to the analysis for Form M since both files share the same variable names required to run SUDAAN.

SUDAAN (Software for the Statistical Analysis of Correlated Data) is a statistical package developed by Research Triangle Institute (RTI) to analyze data from complex sample surveys. Like WesVar, SUDAAN computes the standard errors of the estimates taking the survey design into account. While SUDAAN can also use replication methods, it is most often used for computing variances based on the first-order Taylor series approximation also known as linearization.

As mentioned above, all weighted cases are typically kept in the analysis file, even cases not in the subpopulation of interest, because all weighted cases should be used to estimate variances. This applies in the general case of ineligibility but it is most important for analyses focused on a subgroup of the population. See below for an example of use of the *SUBPOP* statement.

Required Variables

The variables that provide information about the design in SUDAAN are:

- **Variable TVSTR** (Taylor's series variance strata). The variable TVSTR indicates the variance strata to be used for computing the estimates of variance using the Taylor

series method. The variable TVSTR was created using the design strata. Strata with fewer than 25 records with positive final weights were collapsed with adjacent strata.

- **Variable ELIGFLGW** (final eligibility indicator). The variable ELIGFLGW indicates the final eligibility of the Reserve member. Eligible Reserve members have ELIGFLGW=1 while ineligible have ELIGFLGW=2. Records with zero final weight have ELIGFLGW=3.
- **Variable PSW0** (final poststratified full sample weight). The variable PSW0 contains the final poststratified full sample weight. This weight is positive for all the records where ELIGFLGW = 1 or 2.
- **Variable POPTVSTR** (total population in variance strata). The variable POPTVSTR contains the total population for the variance strata (variable TVSTR). It is required to compute the finite population correction factor (*fpc*) for the estimates of variance.
- **Variable PSTSTR** (final poststratification cell). The variable PSTSTR indicates the final poststratification cell. The value of this variable is a sequential number from 1 to 47 for the 2000 Form M and from 1 to 41 for the RCS Form S. In SUDAAN, the control totals are hardcoded in the program and correspond to totals for cells 1 to 47 or 1 to 41 in this order.

SUDAAN Keywords

The statements and keywords required to run SUDAAN for both RCS Form M and S are:

- **DESIGN=STRWOR** (required). The 2000 RCS Forms M and S are stratified simple random samples selected without replacement. In some strata the sampling fraction is so large that the *fpc* used in the variance estimation formula is not negligible.
- **NEST TVSTR/ MISSUNIT** (required). The keyword NEST lists the variable whose values identify the design stages. In this case, the sample was drawn within strata. The Option /MISSUNIT instructs SUDAAN to compute the variance contribution of stratum with only one primary sampling unit (PSU) using the difference of that unit's value and the overall mean value of the population. Note the dataset must be sorted by the variable listed in the NEST statement. In the examples that follow this list of statements and keywords, the datasets are already sorted by the TVSTR variable.
- **WEIGHT PSW0** (required). The keyword WEIGHT lists the weight to be used in the analysis. In this case, the weight is the final poststratified full sample weight PSW0.
- **TOTCNT POPTVSTR** (required if DESIGN=STRWOR). The keyword TOTCNT lists the variable containing the total population count of the strata. In this case, the variable POPTVSTR contains the population count for the variance stratum TVSTR.
- **SUBPOP ELIGFLGW=1** (typically required). The keyword SUBPOP lists the variables and conditions that define the population of interest. Both 2000 RCS Forms M and S, includes self-reported ineligible Reserve members or spouses with a final positive weight. To compute the correct *fpc*'s these Reserve members should be included in the file. Analyses, however, should be limited to eligible members

(ELIGFLGW=1). Additional conditions can be included. For example in Form M, if members in the Navy Reserve (XMIMPC = 3) are to be excluded, the statement should be SUBPOPN ELIGFLGW=1 & XMIMPC <> 3.

- **POSTVAR PSTSTR** (required but valid only in PROC DESCRIPT and PROC RATIO). The keyword POSTVAR lists the variable that indicates the cells for poststratification. SUDAAN performs an internal poststratification of the weight. If the data do not have any missing values, the point estimate obtained in SUDAAN will be the same as the one obtained in WesVar. If values are missing, SUDAAN will compute a new weight different than the final weight given in the WEIGHT statement. This statement cannot be used in the PROC CROSSTAB. Also, when the statement POSTVAR is used, the design effect cannot be computed.

The control totals for the 2000 RCS Form M are specified as:

- **POSTWGT** 1747 6707 30091 13256 5191 10161 4598 13614 45723 22323 4280 8281 49384 90531 96473 29521 7487 16078 10718 14127 6641 6229 2176 414 441 2737 4909 11749 34126 6249 241 3377 13640 27966 33318 40479 24230 2761 14039 19021 376 1585 2722 886 204 395 419 (required if POSTVAR is used). This statement follows the statement POSTVAR and lists the control totals for the cells indicated by the variable PSTSTR for Form M.

For 2000 RCS Form S the control totals are specified as:

- **POSTWGT** 6539 36677 67420 25101 6165 10400 9126 3176 8932 23270 18024 2109 8312 14981 834 2014 720 440 359 4697 30025 18159 2810 6917 2949 19594 10246 3562 8127 1195 1383 3151 1667 589 2248 1695 5553 22665 5138 2242 9930.

The additional statements and keywords needed to run SUDAAN to compute estimates of variance based on replication methods are:

DESIGN= JACKKNIFE (required). The 2000 RCS Forms M and S data files include replicate weights that can be used in SUDAAN. The replication method used to create the weights is a form of the jackknife method. If estimates of variance based on replication methods are computed, the option JACKKNIFE should be used in the design statement.

JACKWGTS PSW1- PSW170 (required). The keyword JACKWGTS lists the variable names for the 170 replicate weights created for the 2000 RCS Forms M and S data files.

JACKMULT 30*0.4833335 30*0.777683602 30*0.865756632 80*0.981802125 (required) for the 2000 RCS Form M. For Form S the statement is JACKMULT 30*0.5183268454 30*0.7595102619 30*0.8680669660 80*0.9784150000. The keyword JACKMULT lists the 170 replicate factors to be applied to each replicate weight. The factors are computed by multiplying separately the finite population factors found in the file FPC.DAT by the JK_n factor found in the file JKN.DAT for

each replicate. Special care is needed so that the order of the factors and the weights are the same in the JACKWGTS and JACKMULT statements and in the files containing the factors.

Estimates Using SUDAAN based on the Taylor Series approximation

Listing J-4 shows an example of running SUDAAN's PROC CROSSTAB to compute totals and percentages based on the Taylor Series approximation for the variable RORGCD in the 2000 RCS Form S data file. The procedure CROSSTAB produces weighted frequencies and percentage distributions for univariate and multivariate (single variable or multiple variable) tabulations. The statements POSTVAR and POSTWGT cannot be used in the PROC CROSSTAB. As a result, the estimates do not reflect any reduction of variance due to the poststratification. The only reduction included is due to the use of the *fpc*. The following statements were used to produce the output in Listing J-4:

*Take note of key words and statements for SUDAAN on previous pages when performing these exercises.

```
proc sort data=data.rcslee out=data.rcssort;
by TVSTR;

proc crosstab data=data.rcssort design=strwor deft2;
weight PSW0;          *fs final poststratified weight;
nest TVSTR /missunit;  *taylor strata;
totcnt POPTVSTR;       *total poputlation in taylor series;
subpopn ELIGFLGW = 1;  *eligibles only;
subgroup RORGCD;
levels 7;
tables RORGCD;
title 'proc crosstab sample';
print nsum wsum sewgt deffwgt totper setot defftot    /style=nchs ;
```

Listing J-5 shows an example of running SUDAAN's PROC DESCRIPT to compute totals and percentages for RORGCD.⁷ In this procedure, the statements POSTVAR and POSTWGT can be used and the estimates will reflect the reduction in variance due to poststratification. The standard errors estimated by PROC DESCRIPT are smaller than the CROSSTAB estimates (Listing J-4) and are close to those estimated by WesVar (Listing J-1). If poststratification is ignored, PROC DESCRIPT's estimates of variance are identical to those from PROC CROSSTAB. The output in Listing J-5 was produced by the following statements:

```
proc descript data=rcssort design=strwor;
weight PSW0;          *fs final poststratified weight;
nest TVSTR /missunit;  *taylor strata;
totcnt POPTVSTR;       *total population in taylor series;
subpopn ELIGFLGW=1;    *eligibles only;
      postvar PSTSTR;
```

⁷ The procedure DESCRIPT was designed to produce descriptive statistics for continuous variables, but it can also be used for discrete (categorical) variables through combinations of the statements CATLEVEL and VAR and the use of SUDAAN's variable `_ONE_`.

```

postwgt
6539   36677   67420   25101   6165
10400   9126   3176   8932   23270
18024   2109   8312   14981   834
2014     720   440    359   4697
30025   18159   2810   6917   2949
19594   10246   3562   8127   1195
1383    3151   1667   589    2248
1695    5553   22665   5138   2242
9930;
subgroup RORGCD PSTSTR _ONE_;
levels 7 41 1;
var RORGCD RORGCD RORGCD RORGCD RORGCD RORGCD RORGCD;
catlevel 1 2 3 4 5 6 7;
table _ONE_; print / style = nchs;

```

Listing J-4.

Sample PROC CROSSTAB Output of Marginal Tools, Percentages, and Standard Errors

```

                                S U D A A N

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                                Release 8.0.1.

Number of observations read      : 20822      Weighted count : 409141

Number of observations skipped : 22225

(WEIGHT variable nonpositive)

Observations in subpopulation : 19555      Weighted count: 381060

Denominator degrees of freedom : 170

```

Listing J-4.***Sample PROC CROSSTAB Output of Marginal Totals, Percentages, and Standard Errors
(continued)***

Date: 11-05-2002

Research Triangle Institute

Page : 1

Time: 10:52:43

The CROSSTAB Procedure

Table : 1

Variance Estimation Method: Replicate Weight Jackknife
 For Subpopulation: ELIGFLGW = 1
 by: Recode of Service Component.

Recode of Service

DEFF

Component	Sample Size	Weighted Size	SE Weighted	Tot Percent	SE Tot Percent	Percent #4
Total	19555	381059.78	765.51	100.00	0.00	.
Army National Guard	6036	117522.62	1544.66	30.84	0.41	1.53
Army Reserve	3800	73105.42	1608.26	19.18	0.42	2.18
Naval Reserve	2239	43271.28	990.72	11.36	0.26	1.30
Marine Corps Reserve	1433	29105.88	903.57	7.64	0.24	1.56
Air National Guard	2907	56275.36	1357.30	14.77	0.36	1.98
Air Force Reserve	2349	45872.40	1177.31	12.04	0.30	1.71
Coast Guard Reserve	791	15906.81	698.35	4.17	0.18	1.64

Listing J-5.***Sample PROC DESCRIPT Output of Marginal Totals, Percentages, and Standard Errors***

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Number of observations read : 20822 Weighted count : 409141
 Number of observations skipped : 22225
 (WEIGHT variable nonpositive)
 Observations in subpopulation : 19555 Weighted count: 381060
 Denominator degrees of freedom : 20759

Date: 11-05-2002 Research Triangle Institute Page : 1
 Time: 10:44:54 The DESCRIPT Procedure Table : 1

Variance Estimation Method: Taylor Series (STRWOR)
 Post-stratified estimates
 For Subpopulation: ELIGFLGW = 1
 by: Variable, One.

Variable	Sample	Weighted			
One	Size	Size	Total	Percent	SE Percent

Recode of Service					
Component: Army					
National Guard					
Total	19555	381059.78	117522.62	30.84	0.43
1	19555	381059.78	117522.62	30.84	0.43
Recode of Service					
Component: Army					
Reserve					
Total	19555	381059.78	73105.42	19.18	0.36
1	19555	381059.78	73105.42	19.18	0.36
Recode of Service					
Component: Naval					
Reserve					
Total	19555	381059.78	43271.28	11.36	0.29
1	19555	381059.78	43271.28	11.36	0.29
Recode of Service					
Component: Marine					
Corps Reserve					
Total	19555	381059.78	29105.88	7.64	0.25
1	19555	381059.78	29105.88	7.64	0.25
Recode of Service					
Component: Air					
National Guard					

Total	19555	381059.78	56275.36	14.77	0.32
-------	-------	-----------	----------	-------	------

Listing J-5.

Sample PROC DESCRIPT Output of Marginal Totals, Percentages, and Standard Errors (continued)

1	19555	381059.78	56275.36	14.77	0.32
---	-------	-----------	----------	-------	------

Recode of Service
Component: Air

Force Reserve

Total	19555	381059.78	45872.40	12.04	0.30
1	19555	381059.78	45872.40	12.04	0.30

Recode of Service
Component: Coast

Guard Reserve

Total	19555	381059.78	15906.81	4.17	0.19
1	19555	381059.78	15906.81	4.17	0.19

Comparing Two Subgroups Using SUDAAN

For comparing two subgroups within a survey (e.g., Army Reserve vs. Navy Reserve), contrasts can be performed in the PROC DESCRIPT procedure. The file for the 2000 RCS Form S and the following statements were used to produce the output in Listing J-6. This example assumes that the SAS callable version of SUDAAN is used. The first part of the code below is a SAS data step used to recode the variable S00109A so that it has consecutive values as required by SUDAAN.

```
data rcssort;
set rcssort;

if S00109A not in (66,67) then RS00109A = S00109A;
else if S00109A = 66 then RS00109A = 6;
else if S00109A = 67 then RS00109A = 7;
*format RS00109A mstsf3_. S00109A SLKLY2_.;
run;

/*recodes S00109A =66 to 6 and S00109A =67 to 7 because SUDAAN requires no breaks in code*/

proc descript data=rcssort design=strwor;
weight PSW0;          /*fs final poststratified wight */
```

```

nest TVSTR /missunit;          /*taylor strata */
totcnt POPTVSTR;              /*total population in taylor series*/
subpopn ELIGFLGW=1;          /*eligibles only*/
postvar PSTSTR;
postwgt
6539    36677    67420    25101    6165
10400    9126    3176    8932    23270
18024    2109    8312    14981    834
2014     720     440     359     4697
30025    18159    2810    6917    2949
19594    10246    3562    8127    1195
1383     3151    1667     589     2248
1695     5553    22665    5138     2242
9930;

subgroup S00109A RORGCD PSTSTR _ONE_;
levels   7     7     41     1;
var S00109A;
catlevel 4;

/*the catlevel statement acts as a where statement restricting the analysis to the fourth level
(in this case) of the variable S00109A*/
contrast RORGCD = (0 1 -1 0 0 0 0) /name ="army reserve vs navy reserve";
table _ONE_;
print;
run;

```

As can be seen in comparing Listings J-2 and J-6, the estimate of the difference is the same at -6.20, although the t -test values, which depend on variances, differ slightly. For example, the WesVar using JK_n replication estimates $t = -570.186$ while SUDAAN using linearization estimates $t = .45$.

*

Listing J-6. ***Sample PROC DESCRIPT Comparison of Two Subgroups***

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Listing J-6.***Sample PROC DESCRIPT Comparison of Two Subgroups (continued)***

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Number of observations read : 20822 Weighted count : 409141

Number of observations skipped : 22225

(WEIGHT variable nonpositive)

Observations in subpopulation : 19555 Weighted count: 381060

Denominator degrees of freedom : 20759

Date: 11-05-2002

Research Triangle Institute

Page: 1

Time: 10:49:24

The DESCRIPT Procedure

Table : 1

Variance Estimation Method: Taylor Series (STRWOR)

Post-stratified estimates

For Subpopulation: ELIGFLGW = 1

by: Variable, One, Contrast.

for: Variable = Sp mbl/dply 30 days: indvdl counseling: Likely.

```

-----
|          |          |
| One      |          | Contrast
|          |          | army reserve |
|          |          | vs navy      |
|          |          | reserve      |
-----

```

```

|          |          |          |
| Total    | Sample Size |          5625 |

```

Listing J-6.

Sample PROC DESCRIPT Comparison of Two Subgroups (continued)

|	| Weighted Size	| 108036.44 |
|	| Cntrst Total	| 2138.66 |
|	| Cntrst Pct	| 0.42 |
|	| SE Cntrst Pct	| 0.92 |
|	| T-Test	| |
|	| Cont.Pct=0	| 0.45 |
|	| P-value T-Test	| |
|	| Cont.Pct=0	| 0.6494 |
| 1	| Sample Size	| 5625 |
|	| Weighted Size	| 108036.44 |
|	| Cntrst Total	| 2138.66 |
|	| Cntrst Pct	| 0.42 |
|	| SE Cntrst Pct	| 0.92 |
|	| T-Test	| |
|	| Cont.Pct=0	| 0.45 |
|	| P-value T-Test	| |
|	| Cont.Pct=0	| 0.6494 |

Comparing Two Analysis Variables Using SUDAAN

To compare two questions within subgroups will require that you work with the data to compute the statistical test. SUDAAN does not have an option that will easily allow you to compare two analysis variables. If the missing data patterns are the same for the two variables then you can use SAS to create a new variable containing the differences between the two questions and, by using the new variable on the VAR statement of the SUDAAN PROC DESCRIPT, produce the t -statistic in SAS.

To illustrate this, we use the same questions shown in the WesVar example Listing J-3, Question109A, variable S00109A versus Question109E, variable S00109E from the 2000 RCS Form S data file. In addition, we limit our analysis to the Army Reserve, Naval Reserve, and the Air Force Reserve subgroups. The SAS code to compute the differences between the two variables (those Reserve members who were satisfied with the possibility of being mobilized or deployed in the future versus those who were satisfied with NOT being mobilized or deployed recently) consists of the following statements:

*Note: Add the code for this step in before entering any proc descript statements.

```
if S00109A = 4 then a=1; else if S00109A gt 0 then a=0;
if S00109E = 4 then b=1; else if S00109E gt 0 then b=0;
DIFF=a-b;

if RORGCD in (2) then RRORGCD = 1;
else if RORGCD in (3) then RRORGCD=2;
else if RORGCD in (6) then RRORGCD=3;
/*recodes Army Reserve to 1, Naval Reserve to 2, and Air Force reserve to 3 because SUDAAN
requires no breaks in code*/
```

To obtain the total and mean differences between the two variables of each subgroup and their standard errors, use the following statements:

```
proc descript data=rcssort design=strwor;
weight PSW0;          /*fs final poststratified weight */
nest TVSTR /missunit; /*taylor strata*/
totcnt POPTVSTR;      /*total population in taylor series */
subpopn ELIGFLGW=1;   /*eligibles only */
postvar PSTSTR;
postwgt
```

```
6539    36677   67420   25101   6165
```

10400	9126	3176	8932	23270
18024	2109	8312	14981	834
2014	720	440	359	4697
30025	18159	2810	6917	2949
19594	10246	3562	8127	1195
1383	3151	1667	589	2248
1695	5553	22665	5138	2242
9930;				

```

subgroup RORGCD PSTSTR ;
levels 3 41;
tables RORGCD;
var DIFF; /*computed difference-S00109E vs S00109A*/

print total settotal mean semean/meanfmt=f10.7 semeanfmt=f10.7;
/*output total and mean differences by subgroups*/
output total settotal mean semean/meanfmt=f10.7 semeanfmt=f10.7

```

```
filename = means filetype = SAS;
```

The mean and standard error of the mean produced by SUDAAN are written to a SAS dataset to facilitate analysis. Next, to compute the *t*-value, i.e., the difference in the proportions:

```

data means;
set means;

mean2 =mean *100;
semean2 =semean *100;
label mean2 = "%estimate";
label semean2 = "% stderror";
tdiff= mean2 / semean2;
label tdiff = "t value";
proc print label;
var RORGCD total settotal mean2 semean2 tdiff;
run;

```

As shown in Listing J- 7, the estimated total and percentage differences match output from the WesVar Listing J-3. Standard error estimates and t-values are very close.

Listing J-7.

Sample PROC DESCRIPT Comparison of Two Analysis Variables

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Number of observations read : 20822 Weighted count : 409141
Number of observations skipped : 22225
(WEIGHT variable nonpositive)
Observations in subpopulation : 19555 Weighted count: 381060
Denominator degrees of freedom : 20759

Date: 11-05-2002 Research Triangle Institute Page : 1
Time: 10:51:49 The DESCRIPT Procedure Table : 1

Variance Estimation Method: Taylor Series (STRWOR)
Post-stratified estimates
For Subpopulation: ELIGFLGW = 1
by: Variable, Recode of Service Component.

Variable		Recode of Service Component		
		Total	Army	Army Reserve
			National	
			Guard	
DIFF	Total	-29201.92	-14182.48	-8950.37
	SE Total	1137.10	816.74	644.49
	Mean	-0.1282661	-0.1235981	-0.1259255
	SE Mean	0.0048942	0.0069134	0.0087512

Date: 11-05-2002 Research Triangle Institute Page : 2
Time: 10:51:49 The DESCRIPT Procedure Table : 1

Variance Estimation Method: Taylor Series (STRWOR)
Post-stratified estimates
For Subpopulation: ELIGFLGW = 1
by: Variable, Recode of Service Component.

Variable		Recode of Service Component	
		Naval	
		Reserve	
DIFF	Total	-6069.07	
	SE Total	501.46	
	Mean	-0.1450431	
	SE Mean	0.0113364	

proc crosstab sample

Recode of Service

%

Listing J-7.

Sample PROC DESCRIPT Comparison of Two Analysis Variables (continued)

Obs	Component	Total	SE Total	%estimate	stderror	t value
1	0	-29201.92	1137.10	-12.8266	0.48942	-26.2075
2	Army National Guard	-14182.48	816.74	-12.3598	0.69134	-17.8781
3	Army Reserve	-8950.37	644.49	-12.5926	0.87512	-14.3896
4	Naval Reserve	-6069.07	501.46	-14.5043	1.13364	-12.7945

Estimates Using SUDAAN based on Replication

The following SUDAAN statements produce a table for the variable *RRORGCD* from the 2000 RCS Form S similar to the WesVar table for *RORGCD* in Listing J-1.

```
proc crosstab data = rcssort design = JACKKNIFE;
weight PSW0; /*final fs weight*/
JACKWGTs PSW1-PSW170;
JACKMULT 30*0.5183268454 30*0.7595102619 30*0.8680669660 80*0.9784150000;
subpopn ELIGFLGW = 1; /*eligibles only */
subgroup RORGCD;
levels 7;
tables RORGCD;
title 'proc crosstab sample';
print nsum wsum sewgt deffwgt totper setot defftot /style=nchs ;
run;
```

Analysis of 2000 RCS Forms M and S Using SAS

This section describes how to use Version 8.0 and later illustrates the use of SAS to analyze both the 2000 RCS Form M and S.⁸ As mentioned above, because all weighted cases should be used to estimate the variance, all weighted cases should be kept on the analysis file, even cases not in the subpopulation of interest. This applies both in the general case of ineligibility and specific cases of analyses focused on a part of the population. See below for the use of the *DOMAIN* statement.

Required Variables

The variables that provide information about the design in SAS are:

⁸ Examples given in this report were produced using SAS Version 8.01 TS Level 01M0 with an additional fix replacing SASQSM EA.DLL with an updated file. Without this fix, SAS variance estimates may not match those in this report and, in fact, could be negative.

- **Variable TVSTR** (Taylor's series variance strata). As for SUDAAN, the variable TVSTR indicates the variance strata to be used for computation of variance using the Taylor series method;
- **Variable ELIGFLGW** (final eligibility indicator). The variable ELIGFLGW indicates the final eligibility of the Reserve member. Eligible Reserve members have ELIGFLGW=1 while ineligible have ELIGFLGW=2. Records with zero final weight have ELIGFLGW=3;
- **Variable PSW0** (final poststratified full sample weight). The variable PSW0 contains the final poststratified full sample weight. This weight is positive for all the records where ELIGFLGW = 1 or 2; and
- **Variable _TOTAL_**. SAS requires that the specific variable name _TOTAL_ be used for the variable that was saved on the dataset as POPTVSTR. This variable contains the population counts for the variance strata (variable TVSTR). It is required to compute the *fpc* for the estimates of variance.

The following statements⁹ are available in PROC SURVEYMEANS:

```
PROC SURVEYMEANS < options > < statistic-keywords >;
CLASS variables;
DOMAIN variables < variable*variable variable*variable*variable ... >;
STRATA variables < / option >;
VAR variables;
WEIGHT variable;
```

The PROC SURVEYMEANS statement invokes the procedure. It optionally names the input datasets and specifies statistics for the procedure to compute. The PROC SURVEYMEANS statement is required.

The VAR statement identifies the variables to be analyzed. The CLASS statement identifies those numeric variables that are to be analyzed as categorical variables. The STRATA statement lists the variables that form the strata in a stratified sample design. The DOMAIN statement lists the variables that define domains for subpopulation analysis. The WEIGHT statement names the sampling weight variable. All statements can appear multiple times except the PROC SURVEYMEANS statement and the WEIGHT statement, which can appear only once.

In order to take into account finite population corrections, a dataset has to be named that includes the variable _TOTAL_. This file can either be the same dataset as the one containing the variables to be analyzed, or a new condensed dataset that is created to speed processing. The following statements can be used to create a working dataset (main) and a condensed dataset (tots4fpc) with the stratum population counts. Note that in creating this condensed dataset, the

⁹ A CLUSTER statement can also be used to specify cluster identification variables in a clustered sample design. A BY statement can be used with PROC SURVEYMEANS to obtain separate analyses for groups defined by the BY variables. Note that using a BY statement provides completely separate analyses of the BY groups unlike the variance estimates when using a DOMAIN statement that takes into account the full variance structure. When a BY statement appears, the procedure expects the input data sets to be sorted in order of the BY variables. The variables are one or more variables in the input data set. If you specify more than one BY statement, the procedure uses only the latest BY statement and ignores any previous ones.

class statement has to contain the stratification variable (i.e., TVSTR) and any variables that are subsequently used in a WHERE statement (e.g., ELIGFLGW).¹⁰

```
data main ;
  data main;
set data.rcslee
(keep = ELIGFLGW TVSTR _TOTAL_ RORGCD PSW0 S00109A S00109E S00112D S00112G);
*limited variables kept to speed processing;
if ELIGFLGW in (1,2); *keeps all weighted records;

proc means data = main noprint;
var _TOTAL_;
output out=tots4fpc max=;
class TVSTR ELIGFLGW;
run;
```

Point Estimates Using SAS

The following statements can be used to compute the proportions of the Services using the variable RORGCD from the 2000 RCS Form S.

```
proc surveymeans data = main total = tots4fpc mean stderr;
strata TVSTR;
var RORGCD;
class RORGCD;
domain ELIGFLGW;
weight PSW0;
run;
```

The output is shown in Listing J-9. SURVEYMEANS produces proportions and standard errors of proportions, both of which can be converted to percentages by multiplying by 100. The percentages for eligible members match those produced by WesVar (Listing J-1) and SUDAAN (Listings J-4 and J-5). The standard errors of percentages are similar to those produced by SUDAAN PROC CROSSTAB (Listing J-5), which is also a Taylor series estimate that does not take advantage of any variance reduction due to poststratification. Because SAS does not account for poststratification, it will give higher, more conservative, estimates than those that can be obtained from SUDAAN procedures that do take poststratification into account. This presumes that the poststratification is effective in reducing variance.

As mentioned above, the dataset could be subset to just those who are eligible in a data step or by using a WHERE statement. The following statements can be used to compute the proportion of the reservist in each of the services using the variable XMIMPC.¹¹

```
proc surveymeans data = main total = tots4fpc mean stderr;
strata TVSTR;
var RORGCD;
class RORGCD;
where ELIGFLGW=1;
weight PSW0 ;
run ;
```

The output is shown in Listing J-10. The percentages match those produced by the other procedures, but the variances are smaller than those estimated by SAS when the DOMAIN

¹⁰ It also has to contain any variables to appear in a BY statement to be used in PROC SURVEYMEANS.

¹¹ ELIGFLGW would have to have appeared on the CLASS statement of the PROC MEAN that produced the tots4fpc file.

statement is used so that all weighted cases are used to estimate the variance structure. This method of using the WHERE statement is not optimum because it does not take into account the complete probability structure—it is not equivalent to using the SUBPOPN statement in SUDAAN.

Listing J-9.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors Using DOMAIN Statement

The SURVEYMEANS Procedure

The SAS System		16:09 Friday, October 25, 2002		1
The SURVEYMEANS Procedure				
Data Summary				
Number of Strata		63		
Number of Observations		20822		
Sum of Weights		409141		
Class Level Information				
Class				
Variable	Label	Levels	Values	
rorgcd	Recode of Service Component	7	Army National Guard Army Reserve Naval Reserve Marine Corps Reserve Air National Guard Air Force Reserve Coast Guard Reserve	
Statistics				
Variable	Level	Label	Mean	Std Error of Mean
rorgcd	Army National Guard	Recode of Service Component	0.309341	0.004107
	Army Reserve	Recode of Service Component	0.193124	0.003491
	Naval Reserve	Recode of Service Component	0.113181	0.002817
	Marine Corps Reserve	Recode of Service Component	0.076038	0.002375
	Air National Guard	Recode of Service Component	0.147453	0.003127
	Air Force Reserve	Recode of Service Component	0.119063	0.002875
	Coast Guard Reserve	Recode of Service Component	0.041800	0.001790
Domain Analysis: ELIGFLGW				
ELIGFLGW	Variable	Level	Mean	Std Error of Mean
ELIGIBLE RESPONDENTS	rorgcd	Naval Reserve	0.113555	0.002925
		Marine Corps Reserve	0.076381	0.002473
		Air National Guard	0.147681	0.003246
		Air Force Reserve	0.120381	0.002999
		Coast Guard Reserve	0.041744	0.001854
INELIGIBLES	rorgcd	Army National Guard	0.321975	0.015817
		Army Reserve	0.210445	0.013626
		Naval Reserve	0.108109	0.010454
		Marine Corps Reserve	0.071374	0.008444
		Air National Guard	0.144361	0.011686
		Air Force Reserve	0.101174	0.009883
		Coast Guard Reserve	0.042562	0.006903

Listing J-10.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors

The SAS System				
The SURVEYMEANS Procedure				
Data Summary				
Number of Strata	6			
Number of Observations	19555			
Sum of Weights	381059.779			
Class Level Information				
Class				
Variable	Label	Levels	Values	
rorgcd	Recode of Service Component	7	Army National Guard Army Reserve Naval Reserve Marine Corps Reserve Air National Guard Air Force Reserve Coast Guard Reserve	
Statistics				
				Std. err
Variable	Level	Label	Mean	of Mean

rorgcd	Army National Guard	Recode of Service Component	0.308410	0.004257
	Army Reserve	Recode of Service Component	0.191848	0.003615
	Naval Reserve	Recode of Service Component	0.113555	0.002928
	Marine Corps Reserve	Recode of Service Component	0.076381	0.002475
	Air National Guard	Recode of Service Component	0.147681	0.003249
	Air Force Reserve	Recode of Service Component	0.120381	0.003002
	Coast Guard Reserve	Recode of Service Component	0.041744	0.001856

Comparing Two Subgroups Using SAS

When comparing two subgroups within a survey (e.g., Army Reserve vs. Navy Reserve), SAS can be used to estimate the difference and variance components but the t-test has to be manually calculated because it is not possible to request a contrast. The following statements were used to produce the output in Listing J-11 using the data file for the 2000 RCS Form M.

```
proc surveymeans data = main total = tots4fpc mean stderr;
strata TVSTR;
domain RORGCD*ELIGFLGW;
var S00109A;
class S00109A;
weight PSW0;
run;
```

The difference between the Army Reserve and the Naval Reserve in their level of satisfaction with the possibility of deployment is -6.20 percentage points. To compare the proportions p_{ArmyR} and p_{NavyR} , use the following formula to compute the standard error of the difference:

$$se_{ArmyR-NavalR} = \sqrt{se_{ArmyR}^2 + se_{NavalR}^2}$$

and this formula to compute the t -statistic for testing the difference:

$$t = \frac{p_{ArmyR} - p_{NavalR}}{se_{ArmyR-NavalR}}.$$

In the example above, $se_{ArmyR-NavalR} = \sqrt{(0.008009)^2 + (0.008003)^2} = .01153402$ percent and $t = \frac{-6.20}{.0115340} = -537.73$, which is equivalent to the SUDAAN estimate. Again, the t -value using linearization is slightly higher than using replication methods (WesVar).

Listing J-11.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors

The SAS System

The SURVEYMEANS Procedure

Data Summary

Number of Strata	63
Number of Observations	20822
Sum of Weights	409141

Class Level Information

Class		Levels
Variable	Label	
S00109A	Sp mbl/dply 30 days: indvdl counseling	7

Class Level Information

Class	
Variable	Values
S00109A	Very unlikely Unlikely Nthr lkly/unlkly Likely Very likely Not available

Statistics

Variable	Label	Mean	Std Error of Mean
S00109A	Very unlikely Sp mbl/dply 30 days: indvdl counseling	0.484969	0.004581

Listing J-11.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors (continued)

Unlikely	Sp mbl/dply 30 days: indvdl counseling	0.233329	0.003924
Nthr lkly/unlkly	Sp mbl/dply 30 days: indvdl counseling	0.130792	0.003147
Likely	Sp mbl/dply 30 days: indvdl counseling	0.071016	0.002413
Very likely	Sp mbl/dply 30 days: indvdl counseling	0.031812	0.001668
Not available	Sp mbl/dply 30 days: indvdl counseling	0.048082	0.001977

Domain Analysis: RORGCD*ELIGFLGW

rorgcd	ELIGFLGW	Mean	Std Error of Mean
Army National Guard	ELIGIBLE RESPONDENTS	0.481116	0.008344
		0.240691	0.007175
		0.129525	0.005700
		0.074378	0.004503
		0.029229	0.002892
	INELIGIBLES	0.045060	0.003462
		0.406174	0.071586
		0.150136	0.053360
		0.189047	0.056278
		0.058911	0.032704
		0.058345	0.031996
		0.137386	0.051103
	ELIGIBLE RESPONDENTS	0.480378	0.010533
		0.240333	0.009082
		0.134776	0.007318
		0.067478	0.005418
		0.028223	0.003594
Army Reserve	INELIGIBLES	0.048811	0.004524
		0.398422	0.080157
		0.183347	0.062316
		0.117634	0.053779
		0.108122	0.055978
		0.132111	0.051497
		0.060363	0.041818
	ELIGIBLE RESPONDENTS	0.503888	0.013859
		0.230504	0.011769
		0.132658	0.009573
		0.063723	0.006920
		0.023767	0.004244
Naval Reserve	INELIGIBLES	0.045460	0.005680
		0.342016	0.098287
		0.306150	0.100730
		0.131660	0.073931
		.	.
		0.038124	0.036909

Listing J-11.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors (continued)

Marine Corps Reserve	ELIGIBLE RESPONDENTS	0.182050	0.087667
		0.489774	0.017052
		0.199840	0.013570
		0.146235	0.012414
		0.068217	0.008522
		0.042155	0.006951
		0.053778	0.007667
		INELIGIBLES	0.562500	0.142974

The SAS System			
The SURVEYMEANS Procedure			
Domain Analysis: rorgcd*ELIGFLGW			
rorgcd	ELIGFLGW	Mean	Std Error of Mean

Marine Corps Reserve	INELIGIBLES	0.114622	0.092675
		0.055510	0.054061
		0.168273	0.111453
		0.099095	0.091978
Air National Guard	ELIGIBLE RESPONDENTS	0.490465	0.011979
		0.244234	0.010503
		0.116709	0.007625
		0.074477	0.006555
		0.032245	0.004371
		0.041869	0.004882
	INELIGIBLES	0.324647	0.079675
		0.104278	0.053167
		0.302639	0.086127
		0.017306	0.016829
		0.033992	0.032964
		0.217139	0.078430
Air Force Reserve	ELIGIBLE RESPONDENTS	0.486090	0.013387
		0.231981	0.011291
		0.124167	0.008951
		0.069931	0.006825
		0.037877	0.005565
		0.049954	0.005931
	INELIGIBLES	0.299618	0.106901
		0.274889	0.117405
		0.158681	0.088682
		0.177448	0.106183
		0.070498	0.066797
		0.018865	0.012537
Coast Guard Reserve	ELIGIBLE RESPONDENTS	0.487289	0.022929
		0.200360	0.018676
		0.143869	0.016266
		0.078525	0.012299
		0.036868	0.009050

Listing J-11.

Sample PROC SURVEYMEANS of Marginal Proportions and Standard Errors (continued)

	0.053090	0.010591
INELIGIBLES	0.432670	0.185479
	0.229644	0.146291
	0.017046	0.016304
	0.175902	0.154289
	0.012039	0.010737
	0.132698	0.122598

Comparing Two Analysis Variables Using SAS

To compare two questions overall or within subgroups will require that you work with the data to compute the statistical test. If the missing data patterns are the same for the two variables then you can use SAS to create a new variable containing the differences between the two questions and produce the *t*-statistic in SAS.

To illustrate this, we use the same questions shown in the WesVar example Listing J-3 and SUDAAN example Listing J-7, Question 109A, variable S00109A versus Question 109E, variable S00109E from the 2000 RCS Form S. We did not limit our analysis to the Army Reserve, the Naval Reserve, and the Air Force Reserve subgroups as was done for WesVar and SUDAAN because SAS needs all of the weighted cases for variance computation but does not have a SUBPOPN statement like SUDAAN. The SAS code to compute the differences between the two variables (those Reserve members who were satisfied with the possibility of being mobilized or deployed in the future versus those who were satisfied with NOT being mobilized or deployed recently) consists of the following statements:

```
if S00109A = 4 then a=1; else if S00109A gt 0 then a=0;
if S00109E = 4 then b=1; else if S00109E gt 0 then b=0;
DIFF=a-b;

proc surveymeans data = main total = tots4fpc mean stderr df t;
strata TVSTR;
domain RORGCD*ELIGFLGW;
var DIFF;
weight PSW0;
run;
```

The output is shown in Listing J-12. The percentages match those produced by the other procedures (Listings J-3 and J-7), with the variances very close to those produced by SUDAAN and WesVar.

Listing J-12.
Sample PROC SURVEYMEANS Comparison of Two Analysis Variables

The SAS System

The SURVEYMEANS Procedure

Data Summary

Number of Strata 63
 Number of Observations 20822
 Sum of Weights 409141

Statistics

Variable	DF	Mean	Std Error of Mean	t Value	Pr > |t|
DIFF	19484	0.038434	0.004073	9.44	<.0001

Domain Analysis: XMIMPC*ELIGFLGW

rorgcd	ELIGFLGW	Variable	DF	Mean	Std Error of Mean
Army National Guard	ELIGIBLE RESPONDENTS	DIFF	19484	0.030483	0.007339
	INELIGIBLES	DIFF	18421	0.065027	0.047429
Army Reserve	ELIGIBLE RESPONDENTS	DIFF	19484	0.042923	0.009381
	INELIGIBLES	DIFF	17746	0.088353	0.048039
Naval Reserve	ELIGIBLE RESPONDENTS	DIFF	19484	0.027877	0.011714
	INELIGIBLES	DIFF	15901	0.114390	0.083282
Marine Corps Reserve	ELIGIBLE RESPONDENTS	DIFF	19425	0.051398	0.015161
	INELIGIBLES	DIFF	16216	-0.099266	0.104448
Air National Guard	ELIGIBLE RESPONDENTS	DIFF	19484	0.040057	0.011015
	INELIGIBLES	DIFF	17294	0.140665	0.055875-----

Domain Analysis: rorgcd*ELIGFLGW

rorgcd	ELIGFLGW	Variable	t Value	Pr > |t|
Army National Guard	ELIGIBLE RESPONDENTS	DIFF	4.15	<.0001
	INELIGIBLES	DIFF	1.37	0.1704
Army Reserve	ELIGIBLE RESPONDENTS	DIFF	4.58	<.0001
	INELIGIBLES	DIFF	1.84	0.0659
Naval Reserve	ELIGIBLE RESPONDENTS	DIFF	2.38	0.0173
	INELIGIBLES	DIFF	1.37	0.1696

Listing J-12.

Sample PROC SURVEYMEANS Comparison of Two Analysis Variables (continued)

Marine Corps Reserve	ELIGIBLE RESPONDENTS	DIFF	3.39	0.0007
	INELIGIBLES	DIFF	-0.95	0.3419
Air National Guard	ELIGIBLE RESPONDENTS	DIFF	3.64	0.0003
	INELIGIBLES	DIFF	2.52	0.0118

Domain Analysis: rorgcd*ELIGFLGW

					Std Error
rorgcd	ELIGFLGW	Variable	DF	Mean	of Mean
Air Force Reserve	ELIGIBLE RESPONDENTS	DIFF	19484	0.046864	0.012460
	INELIGIBLES	DIFF	16805	0.078100	0.054126
Coast Guard Reserve	ELIGIBLE RESPONDENTS	DIFF	19179	0.038456	0.020766
	INELIGIBLES	DIFF	10504	-0.143484	0.130783

Domain Analysis: rorgcd*ELIGFLGW

		Variable	t Value	Pr > |t|
Air Force Reserve	ELIGIBLE RESPONDENTS	DIFF	3.76	0.0002
	INELIGIBLES	DIFF	1.44	0.1491
Coast Guard Reserve	ELIGIBLE RESPONDENTS	DIFF	1.85	0.0641
	INELIGIBLES	DIFF	-1.10	0.2726

References

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- Wolter, K. (1985). *Introduction to Variance Estimation*. New York: Springer-Verlag.
- Woodruff, R. (1952). Confidence Intervals for Medians and Other Positional Measures: Journal of American Statistical Associations, 47, 635-646.

APPENDIX K

CROSS WALK OF 2000 RESERVE COMPONENTS MEMBER SURVEY ITEMS

Cross Walk of 2000 Reserve Components Member Survey Items

	RCS	RCS	ADS	RCS
	2000	2000	1999	1992
	Member	Spouse	Member	Officer
Q	1	1m, 6m	108m	4m
Q	2	na	110m	10-12m
Q	3	2m, 7m	109m	5m
Q	4	na	33m	6m
Q	5	na	na	6m
Q	6	na	na	68i
Q	7	na	na	14m
Q	8	na	na	15m
Q	9	na	na	16i
Q	10	89m	na	na
Q	11	90m	na	17-18m
Q	12	91m	na	na
Q	13	102m	na	na
Q	14	100m	na	na
Q	15	94m	na	na
Q	16	110m	na	28m
Q	17	na	na	26i
Q	18	na	na	na
Q	19	na	na	na
Q	20	107m	na	70m
Q	21	na	na	na
Q	22	na	14i	na
Q	23	na	16m	na
Q	24	na	na	29m
Q	25	na	na	na
Q	26	na	na	na
Q	27	na	na	na
Q	28	111m	na	30m
Q	29	na	32m	22m
Q	30	na	35m	25m
Q	31	na	na	23m
Q	32	8m	36m	13m
Q	33	na	na	31m
Q	34	na	na	na
Q	35	na	na	32m
Q	36	na	na	33i
Q	37	na	na	na
Q	38	na	na	36m
Q	39	na	na	39m
Q	40	na	na	na
Q	41	104m	na	na
Q	42	na	na	37m
Q	43	na	na	na
Q	44	na	na	58-64,66,67m
Q	45	na	na	75i
Q	46	na	na	55m

l=question that is functionall identical

m=question that has been modified somewhat

Q	47	na	na	na
Q	48	na	na	56m
Q	49	20m	na	57m
Q	50	na	na	65i
Q	51	na	na	na
Q	52	105m,109m	na	na
Q	53	59m	52m	41m
Q	54	60i	53i	na
Q	55	62i	na	42m
Q	56	63i	na	na
Q	57	64i	na	na
Q	58	65i	na	na
Q	59	66i	na	na
Q	60	67i	na	na
Q	61	68i	na	na
Q	62	69i	na	na
Q	63	70i	na	na
Q	64	71i	na	na
Q	65	na	na	43m
Q	66	na	na	43m
Q	67	na	na	44m
Q	68	86m	na	143m
Q	69	76i	na	na
Q	70	77m	na	45m
Q	71	78m	na	46m
Q	72	na	na	48m
Q	73	na	na	49m
Q	74	na	na	na
Q	75	79i	na	na

Q	76	80i	na	50m
Q	77	81m	na	51m
Q	78	na	na	na
Q	79	na	na	53m
Q	80	na	na	53m
Q	81	10i	101i	78i
Q	82	14i	103i	83m
Q	83	15i	104m	84m
Q	84	13i	na	80-81m
Q	85	12i	na	88m
Q	86	na	na	82i
Q	87	na	na	2i
Q	88	na	na	3i
Q	89	17i	106m	85m
Q	90	na	na	87m
Q	91	18i	na	86m
Q	92	na	na	na
Q	93	12m	84m	88m
Q	94	na	na	na
Q	95	na	na	na
Q	96	na	na	na
Q	97	114m	na	98,107m
Q	98	72i	na	na
Q	99	73i	na	na
Q	100	74i	na	na
Q	101	75i	na	na
Q	102	21m	54i	89m
Q	103	22i	na	92i
Q	104	43m,57i	55m	124m
Q	105	16m	na	94i

Q	106	44m,53m	na	95m
Q	107	44m,54m	na	96m
Q	108	na	na	99m
Q	109	4m, 5m	na	90-91m
Q	110	na	na	na
Q	111	89i	na	na
Q	112	90i	na	127-128m
Q	113	88m	na	97m
Q	114	23m	58m	na
Q	115	na	na	101i
Q	116	na	73i	na
Q	117	27i	na	102m
Q	118	24m	59m	100m
Q	119	41i	60m	na
Q	120	39i	74,75m	104m
Q	121	na	76i	na
Q	122	na	107m	na
Q	123	55m	85m	na
Q	124	na	na	na
Q	125	na	na	na
Q	126	43m	na	106m
Q	127	na	na	122m
Q	128	47m,55m	na	na
Q	129	na	na	111m
Q	130	na	na	109m
Q	131	na	na	na
Q	132	48i	na	110i
Q	133	na	na	na
Q	134	na	na	na
Q	135	49i	na	113i
Q	136	na	86m	na

Q	137	na	na	na
Q	138	na	na	114i
Q	139	na	na	115m
Q	140	na	na	na
Q	141	51m	na	na
Q	142	na	na	118m
Q	143	43d,57f	na	na
Q	144	na	na	119m
Q	145	na	na	120m
Q	146	na	na	108m
Q	147	na	na	34m
Q	148	na	na	na
Q	149	na	na	na
Q	150	na	na	na
Q	151	19i	na	na
Q	152	na	95i	na
Q	153	na	na	133i
Q	154	na	87m	131m
Q	155	na	88i	121m
Q	156	52m	na	na
Q	157	na	90m	na
Q	158	na	96m	na
Q	159	na	91-92m	137-141m
Q	160	na	93i	na
Q	161	na	94i	na
Q	162	na	89i	na
Q	163	na	na	135m
Q	164	na	na	136m
Q	165	na	107m	na
Q	166	na	na	na
Q	167	na	45(f)m	na

Q	168	na	na	na
Q	169	na	na	na
Q	170	na	12m	na
Q	171	na	13m	na
Q	172	na	na	na
Q	173	82i	78m	na
Q	174	83i	na	na
Q	175	84i	79m	na
Q	176	87m	na	142m
Q	177	112m	39m	144-146m
Q	178	na	na	na
Q	179	na	9m	na
Q	180	115i	na	na
Q	181	116i	111i	1m
Q	182	117i	112m	147m

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13. SUPPLEMENTARY NOTES					
14. ABSTRACT The 2000 Reserve Components Surveys (RCS) gathered information about personal and military background, family composition, economic status, preparedness, mobilizations and deployments, retention plans, spouse and member labor force experience, satisfaction with aspects of Guard and Reserve life, and other quality-of-life issues.					
15. SUBJECT TERMS Reserve, personnel, deployment, mobilization, unit readiness, retention, career intentions, employment, military programs, military benefits.					
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