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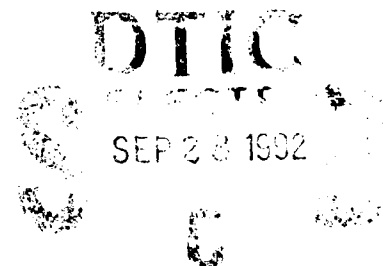
Update of the U.S. Army Research Institute's Longitudinal Research Data Base of Enlisted Personnel

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Fu Associates, Ltd.

for

Contracting Officer's Representative
Tanya J. Guthrie



Manpower and Personnel Policy Research Technical Area
Clinton B. Walker, Acting Chief

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August 1992



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Research Institute for the Behavioral and Social Sciences

A Field Operating Agency Under the Jurisdiction of the Deputy Chief of Staff for Personnel

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13. ABSTRACT (Maximum 200 words) This document describes the procedures used to augment the Enlisted Personnel Research Data Base (EPRDB). The EPRDB consists of longitudinal records that contain both personnel data and selected career history for soldiers who enlisted in the Army between 1974 and 1990. It is composed of two data sets, a 25 % sample of accessions from 1974 to 1984 and a 100 % sample of accessions from 1985 to 1990.				
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The Defense Manpower Data Center provided a significant amount of data for the development of the EPRDB and for the update. We would like to thank the Data Center for being responsive to our needs.

Additional data for the update were supplied by Frances Grafton of ARI and Winnie Young of the American Institutes for Research. Their assistance in the collection and proper use of the Skill Qualifying Test (SQT) and Enlisted Master File data was invaluable. Their critical insight into the historical use of essential Master File data elements enabled the project team to better edit and utilize these data.

UPDATE OF THE U.S. ARMY RESEARCH INSTITUTE'S LONGITUDINAL
RESEARCH DATA BASE OF ENLISTED PERSONNEL

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UPDATE OF THE U.S. ARMY RESEARCH INSTITUTE'S LONGITUDINAL RESEARCH DATA BASE OF ENLISTED PERSONNEL

Background

The Enlisted Personnel Research Data Base (EPRDB) was conceived by the U.S. Army Research Institute for the Behavioral and Social Sciences (ARI) to make available a longitudinal file of historical data describing the U.S. Army enlisted personnel. The purpose of this file is to support current and future research. It presently includes information for a 25 percent sample of those individuals who began their first tour of active duty in fiscal years 1974 through 1984. It also includes 100 percent of those individuals who entered active duty for the first time in fiscal years 1985 through 1990.

The EPRDB Core Data Set was originally created as a 25 percent sample of enlisted personnel primarily from Defense Manpower Data Center (DMDC) data for accessions from 1974 through 1984. The purpose of the second phase was to add supplemental data from outside sources to provide history after separation from active duty. As the initial 25 percent sample was nearing completion, investigation of the available supplemental data proved to be of much more limited applicability than originally anticipated. ARI researchers determined that there would be greater research and policy interest in more recent Master file data. The decision was made to acquire 100 percent of the DMDC accessions from 1985 through 1988 to provide additional research capability. A separate 100 percent data set was constructed in the same manner as the 25 percent data set so that researchers could utilize the data sets separately or combine data from each.

The EPRDB was recently enhanced to provide current personnel information to researchers. The 25 percent sample was augmented with 1989 and 1990 fiscal year data for those individuals in the data base who were still active. The 100 percent sample was updated by adding current data to active duty personnel records and also by adding individuals who entered active duty for the first time in fiscal years 1989 and 1990.

Specific accession data elements, including Composite score data from the Army Classification Battery Test (ACB), were captured for each individual. For each year of an individual's service, a subset of the DMDC fiscal year end Master/Loss File was included. To broaden the scope of information for each individual, Skill Qualifying Test (SQT) scores were included beginning in 1980 and additional data were included from the Enlisted Master File (EMF).

The EPRDB is composed of both personal information and selected career history data elements. The data elements describing a soldier's personal history include date of birth, home of record, education level, marital status, and number of dependents. Career history is described by data elements such as entry into active duty for current tour, pay grade, Composite and SQT scores, and military occupation specialty (MOS).

The EPRDB is designed to play an important role in research on the nature of enlisted personnel behavior. This research will support the formulation of personnel policy, including force restructuring options necessitated by downsizing.

Objective

The objective of this work was to update the 25 percent and the 100 percent samples of the EPRDB Core Data Set with fiscal year 1989 and 1990 enlisted personnel data. Using subsets of the DMDC, SQT, and EMF data files and associated documentation, the following tasks were established:

1. Add the 1989 and 1990 enlisted personnel data to the existing EPRDB 25 percent and 100 percent samples.
2. Check all data elements for accuracy (e.g., range of values and consistency across elements) and correct where appropriate within the bounds of available documentation and logic.
3. Protect the privacy of individual records by using the EPRDB encryption procedure which encodes the social security numbers.
4. Develop detailed documentation describing all data elements on the EPRDB.

Update Procedures

The EPRDB was designed to be updated with annual enlisted personnel data. Each record is a fixed length and represents one individual in the sample. The EPRDB chronologically follows the longitudinal career path of enlisted personnel. The information contained within a record includes: initial accession data with Composite test scores, secondary accession data when applicable, and fiscal year end career data elements. These data, currently covering 17 years from 1974 to 1990, are followed by 34 flags which denote the presence or absence of annual Master and Loss records over the same period. Of these flags, the first 17 describe Master file history, followed by 17 flags that identify separation history. The loss flag values indicate no separation, normal separation, reenlistment, and early attrition based on separation history. Occurring in the last position is a 35th flag which indicates presence or absence of a second accession. Figure 1 illustrates the record layout for the EPRDB Core Data Set.

The update process consists of the following procedures:

1. Determine the location of the EPRDB data elements
2. Validate and process the data
3. Merge selected data elements
4. Encrypt the personal identifying information
5. Perform extractions for analytical purposes

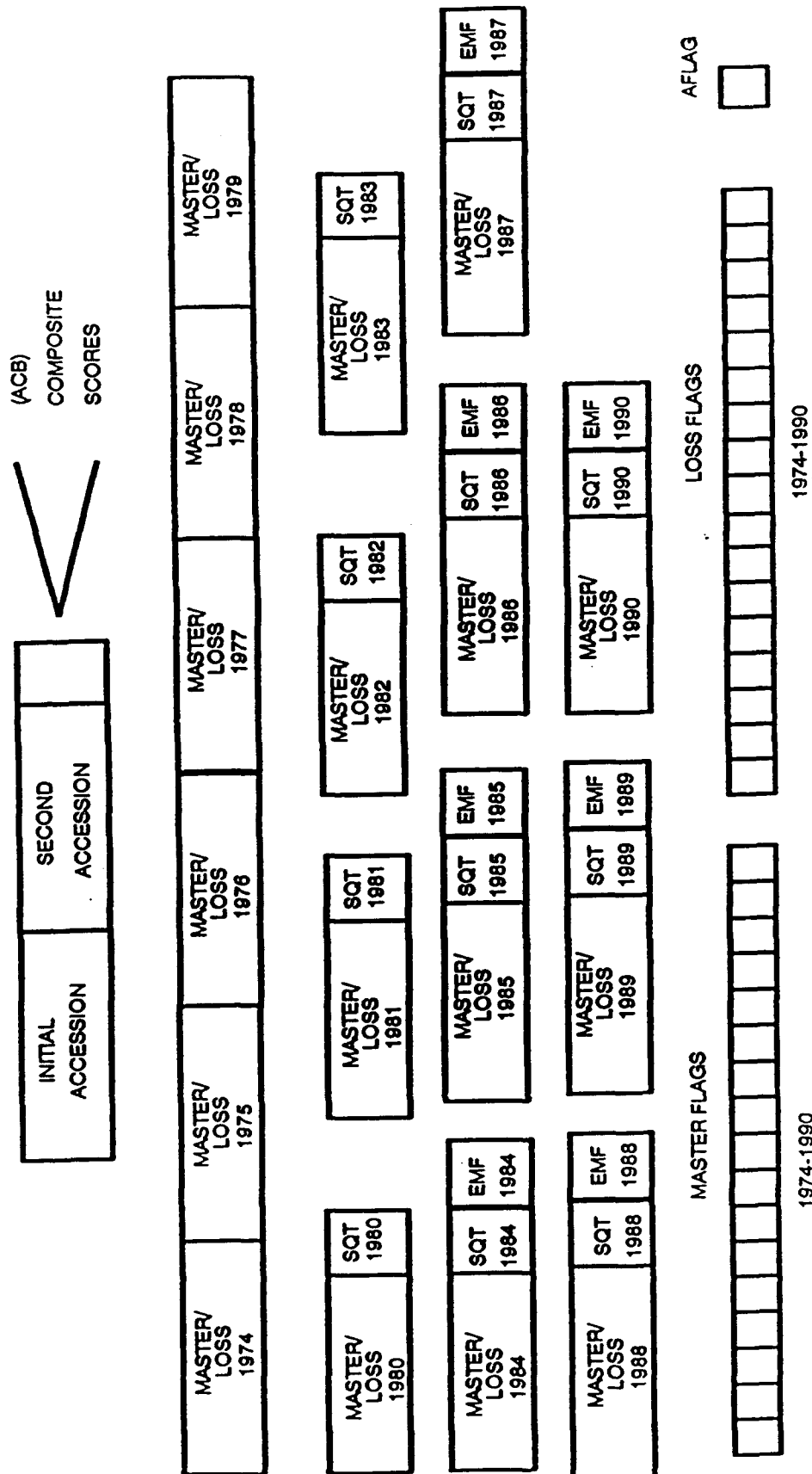


Figure 1. EPRDB Core Data Record Layout

Determine the Location of the EPRDB Data Elements

The primary source files used to update the EPRDB are the 1989 and 1990 Accession/Cohort files and Master/Loss files maintained by Defense Manpower Data Center (DMDC) in Monterey, California. These data were augmented with 1989 and 1990 Skill Qualifying Test (SQT) and Enlisted Master File (EMF) information available at ARI. ARI requests the (SQT) data for use by the Manpower and Personnel Research Division from the SQT Directorate at Fort Eustis, Virginia. The EMF data are maintained by Personnel Systems Information Command (PERSINSCOM). Quarterly EMF files are sent to ARI as a special request.

The data elements included in the initial creation of the EPRDB were chosen by ARI. The choice to include or exclude a particular data element depended on its perceived usefulness in understanding individual career decisions. Based on available documentation, these same data elements were located in the Accession, Master/Loss, Composite, EMF, and SQT source files for fiscal year 1989 and 1990.

After determining the proper record layout for each source file, the EPRDB data elements were extracted. Three separate Master/Loss record formats were encountered since the initial creation of the EPRDB. Appendixes A, B, and D contain the EPRDB data elements and descriptions provided by DMDC and PERSINSCOM. Appendix E outlines the corresponding flat file position for each of the data elements in the EPRDB.

Validate and Process the Data

The data used to update the EPRDB were validated and processed separately by source. It was necessary to create a correspondence among annual Master files over 17 years. Social security numbers were utilized to match and merge source data. To facilitate the use of the EPRDB for research purposes, any outdated values of data elements from earlier files were recoded to reflect the most recent documentation. Appendix C lists the specific data elements which have been recoded and describes the data transformation.

DMDC performed the initial selection of the 25 percent sample from their original files of accessions from 1974 through 1984. They selected every fourth record from these files to create a sample set of enlisted personnel. They then matched by social security number from the sample to each of the fiscal year end files to select Master, Loss, and ACB Composite score records when applicable. It should be noted that some enlisted personnel have more than one accession and separation cycle. When DMDC performed the data selection for the 25 percent sample, they did not attempt to identify all accessions or selected social security numbers. The process of selecting every fourth accession did uncover some secondary accessions but it is believed that some additional accessions for individuals in the 25 percent sample were not included.

For the update process the complete source files were requested from DMDC. The files were then matched and merged by social security number to the existing 25 percent data set. The same procedure was used to match and merge the source files to the 100 percent sample. Having access to the complete source files made it possible to identify multiple accessions. Presently, there are 1,452 second accessions in the 25 percent sample and 3,801 second accessions in the 100 percent sample.

The fiscal year end Master and Loss files contain only the last record available for each individual. Since the Loss file contains records for both separations and record corrections, it is possible that in a small number of cases, a separation could have occurred in a given year but a record correction for a subsequent tour is the final record on the fiscal year end Loss file. In this case, the separation information would not be included on the EPRDB.

The Skill Qualifying Test (SQT) data utilized by the EPRDB was obtained from ARI. The 1989 and 1990 SQT data were added to the EPRDB. Over the course of EPRDB development, two versions of SQT data were received and applied to the EPRDB. The first version contained scores for fiscal years 1980 through 1986. The second version of SQT data was made available by calendar year for 1985 through 1990.

The final data source added to the EPRDB was the 1989 and 1990 Enlisted Master Files (EMF). The EPRDB utilized a special quarterly subset of the EMF retained by ARI for use in another project. This version of the EMF had been validated and converted to a Statistical Analysis System (SAS) file for research purposes. The desired data elements were selected from the ARI file stored on the National Institutes of Health (NIH) computing facility and were processed for inclusion into the EPRDB.

General editing. The DMDC Master files contained both binary and character data in each record. All binary fields were converted to a character format. Using these character files, test programs and sample frequencies were run in order to ascertain the validity and reliability of the desired data elements.

During the development of the initial EPRDB Core Data Set, it was discovered that not all the Master and Loss records received from DMDC were of the service type Army. This occurred when an individual accessed into the Army and later served in another branch of the military. The Master and Loss records generated from service outside the Army were eliminated.

In cases where accession data elements were found to be missing, some of the data were obtained from the DMDC Master and Loss records which carry some of the same data elements. Matching by social security number, data from seven accession fields were extracted from an individual's Master/Loss records. These data, if valid, were used to replace what had been missing from the original accession record. The seven fields chosen were home of record (state), date of birth, sex, race, ethnic group, Armed Forces Qualification Test (AFQT) percentile, and AFQT percentile group. These data elements were chosen because they contain personal information which remains constant over time.

Numeric data elements were edited for valid data in the field. In addition, the date fields were also checked for appropriate ranges. The accession year field was edited to ensure that the event occurred within the bounds of the data base. Valid accessions on the 25 percent sample had to occur between fiscal years 1974 and 1984 and on the 100 percent sample between fiscal years 1985 and 1990. All month fields were checked for valid numeric values of 1 to 12, and day fields were checked for values of 1 to 31. If the edit criteria were not met, the record was kept on the EPRDB but the invalid data element was stored as zero or a blank value. If the social security number contained non-numeric data, however, the entire record was dropped from the EPRDB.

Alphabetic data were edited for an appropriate range of valid values. Other data element specific edits were also performed. The series of codes giving a description of an individual's physical normalcy known as PULHES1 and PULHES2 were checked for values of 15 or below. The AFQT score was edited for a value between 1 and 99, as were the Aptitude Area (APTAR) and Army Classification Battery Composite (ACB) scores. If the edit criteria were not met, the record was kept on the EPRDB but the invalid data element was stored as a blank value.

Special attention was given to the military occupation specialty (MOS) codes. In the initial creation of the EPRDB the entire field was edited for alpha and numeric data. However, in the frequencies performed on the data base and on the additional Master files used for augmentation, it was noted that a significant number of data elements in these fields were invalid because they did not adhere to the format of two numeric characters followed by an alphabetic. A more detailed editing procedure was then written which edited the individual characters of the MOS fields for conformance. If the MOS was invalid it was filled with blanks as were the skill identifiers whose meaning depend on the MOS. To minimize the amount of data set to blank values due to data entry errors, all alphabetic 'O's were converted to zero in the first two positions. A similar process was implemented in editing the primary MOS and duty MOS fields and their associated skill identifiers.

Special Master/Loss editing. The EPRDB was designed with segments for annual Master file data with designated fields for the few separation data elements collected from Loss records, should a loss occur in that year. If an individual was found to have only one type of record for a year, either a Master or a Loss, all the data were taken from that record. In some cases, an individual had both types of records. Determination of where to gather the specific data to be included in the EPRDB for these cases was somewhat complex but was driven by the desire to have the resulting data base be as complete and accurate as possible.

Individuals could have both a Master and Loss record for a single year for the following reasons: they separated late in the fiscal year and they had not yet been taken off the Master file, they separated and rejoined, or there was a separation driven by a record keeping need to correct information on the Master file record which required a "loss" transaction to occur. Since only the last Loss record for an individual in each year was available, it was not possible to truly reconstruct each case clearly from the data. Whether the data ultimately came from the Master file, Loss file, or both, a master flag was set to reflect the fact that the individual was active at some time during that year. The following

criteria were established for use in those cases where both record types were present in a single year:

1. If the Loss record was coded as a "true" loss, that is, having an interservice separation code (ISC) between 1 and 99, the data from the Loss record was stored on the EPRDB and the Master file data was used to fill in any information found to be missing on the Loss record.

2. If the Loss record was coded as a "non-true" loss, that is, having an ISC of 0 or above 99, the data from the Master record was stored on the EPRDB and the Loss file data was used to fill in the separation data elements as well as any information found to be missing on the Master record.

In the 1988 update, a decision was made to add the separation program designator (SPD) from the Loss record to the yearly segments of the EPRDB. This decision was driven by the fact that for some research ISC was not sufficient. All Loss records were reprocessed to pick up this additional data element. As part of this effort, an attempt was made to clarify those records with an ISC of 0 (Unknown). The SPD is an Army specific code and the available documentation to describe how SPDs correlate with ISCs was not complete for all years used in the study. This presented a problem for years before 1980 when all reenlistments, desertions, imprisonments, and record-keeping transactions were presented with an ISC code of 0. When the SPD definition could be determined by the ISC, the ISC of 0 was recoded to the more current definition of 100 and above. These definitions are included in the documentation found in Appendix A. As with all character fields, the SPD was edited for valid characters or blanks.

For the 1974 through 1988 Loss files, expiration of term of service was considered to be a normal separation if it was within three months of the expected termination date. The determination for normal separation was altered for the 1989 and 1990 Loss records. To reflect current trends, a separation within six months of the expected termination date was identified as a normal separation.

The master and loss flags associated with each record were designed to assist in record selection for research analyses. The master flag denotes the presence or absence of the individual on the active force for a given year. The loss flag indicates whether the individual separated from active duty in a given year and also describes what kind of separation occurred:

- 1 - normal separation within 6 months of the expected termination date and ISC = 001 for 1989 and 1990 data (within 3 months of the expected termination date for 1974 through 1988 data);
- 2 - reenlistment as denoted by ISC = 100 or ISC = 0 and SPD = KHC;
- 3 - all other early attrition, including separations due to education, officer training, illness, and desertions.

Prior service editing. During the initial development of the EPRDB, analysis of the prior service data element on the accession file indicated that approximately 10 percent of the individuals had served in the military prior to the accession at hand. ARI concluded that these individuals did not represent the target population desired for studies in retention since this was not their first tour and corresponding first reenlistment decision. Therefore, the decision was made that individuals whose accession records indicated that they had previously served would be eliminated from the data base. In the update process, accession records were first checked for possible secondary accessions by matching the records to the existing EPRDB. The accession records that did not match to the EPRDB, indicated first-time accessions, therefore, if these individuals had prior service they were dropped from the data base.

It was learned that prior to January, 1985, all individuals who had been on reserve duty and then enlisted in the Army were given a prior service code, in order to be eligible for certain benefits. In an effort to identify and keep these individuals on the EPRDB, each record was tested for prior service by looking at the difference between the basic active service date and the date of entry. Any record with more than six months between these two dates was dropped. The six month criteria was used to provide sufficient leeway for several years of normal Reserve duty. All prior service codes of the individuals who fell within the six month window were recoded as having non-prior service.

Edits for records to be dropped. After carefully examining SAS frequencies of the 100 percent and 25 percent samples, ARI decided to eliminate a small portion of the sample due to characteristics which suggest possible errors in the data or which could affect analysis. Among the criteria used to eliminate records from the data base were the following:

1. Low AFQT scores – To be accepted for active duty, an individual would need to score 10 or above. For the 25 percent sample records with scores below 10 were eliminated. On the 100 percent sample the minimum score was raised to 16 to reflect more current acceptance criteria.
2. Date of birth out of range – Individuals were dropped who enlisted for the first time after the age of thirty-five. However it was noted that most of these individuals had served previously and would not have passed the prior service edit criteria. Their age was determined by calculating the difference between their date of birth and basic active service date.
3. Paygrade above '5' – These records were dropped because this paygrade indicates someone who is probably not a first accession.
4. No Master data – If no Master data were present then the record would consist of only accession information. This type of record would be of no use in the type of research the EPRDB was designed to support. The record was dropped if the master flags indicated that the individual was not present in any of the years between 1974 and 1990.

5. Basic active service date after date of entry -- This situation represents an internal consistency problem, therefore, these records were dropped.

6. Third accessions -- In the 1989 and 1990 input to the update of the EPRDB, two individuals were found who had third accession records. ARI had previously concluded that the total third accessions represent a very small statistical sample and do not accurately reflect the career path of most individuals. Third accessions were dropped from the 25 percent and the 100 percent data sets.

7. Early separations -- All 1989 and 1990 records with normal separations (ISC=1) were required to have a separation date within six months of the estimated termination of service (ETS) date or else they were dropped. These cases reflect an internal data inconsistency. The 1974 through 1988 separations were required to have a separation date within three months of the ETS date.

Processing considerations. After the initial set of data was received from DMDC, the 25 percent and 100 percent EPRDB were created in character format. These data sets were converted into SAS. Additional SQT, EMF, and 1985 through 1990 DMDC data were later obtained and added to the 25 percent and the 100 percent EPRDB samples. Due to the significant expense in converting from a character format to a SAS file for a file the size of the EPRDB, small update records were created for each social security number affected by additional updates or edits resulting from new data. These records are applied to the EPRDB SAS file. Using this programming technique, the incoming SAS update file overlays the existing data with the new data without changing unaffected data elements. The end result is that the same data are maintained on both the character and SAS version of the EPRDB Core Data Sets.

Merge Selected Data Elements

The initial versions of the EPRDB Core Data Sets were created from the data acquired from DMDC. As additional source files were processed, the new data were merged with the existing EPRDB by social security number to create an updated EPRDB Data Set. The procedures used to create the 25 percent sample are depicted in Figure 2. These procedures were streamlined for the construction of the 100 percent sample. This flow is depicted in Figure 3.

Encrypt the Personal Identifying Information

The social security number is the only data element that contains personal identifying information in the EPRDB Core Data Sets. Individual privacy is protected by replacing social security number with a unique number called matchcode. This encryption is performed using procedures developed for the Officer Longitudinal Research Data Base (OLRDB). The EPRDB data base manager has a copy of this encryption procedure.

Perform Extractions for Analytical Purposes

The EPRDB provides the capability to perform analysis on specific characteristics across cohorts for the years 1974 through 1990. Using the master and loss flags previously described, SAS frequencies were run to determine the number of enlisted personnel in the data set by fiscal year. Table 2 represents the number of enlisted personnel in the 100 percent sample. Table 3 shows separations due to expiration of term of service (ISC = 001) taken from the 100 percent sample.

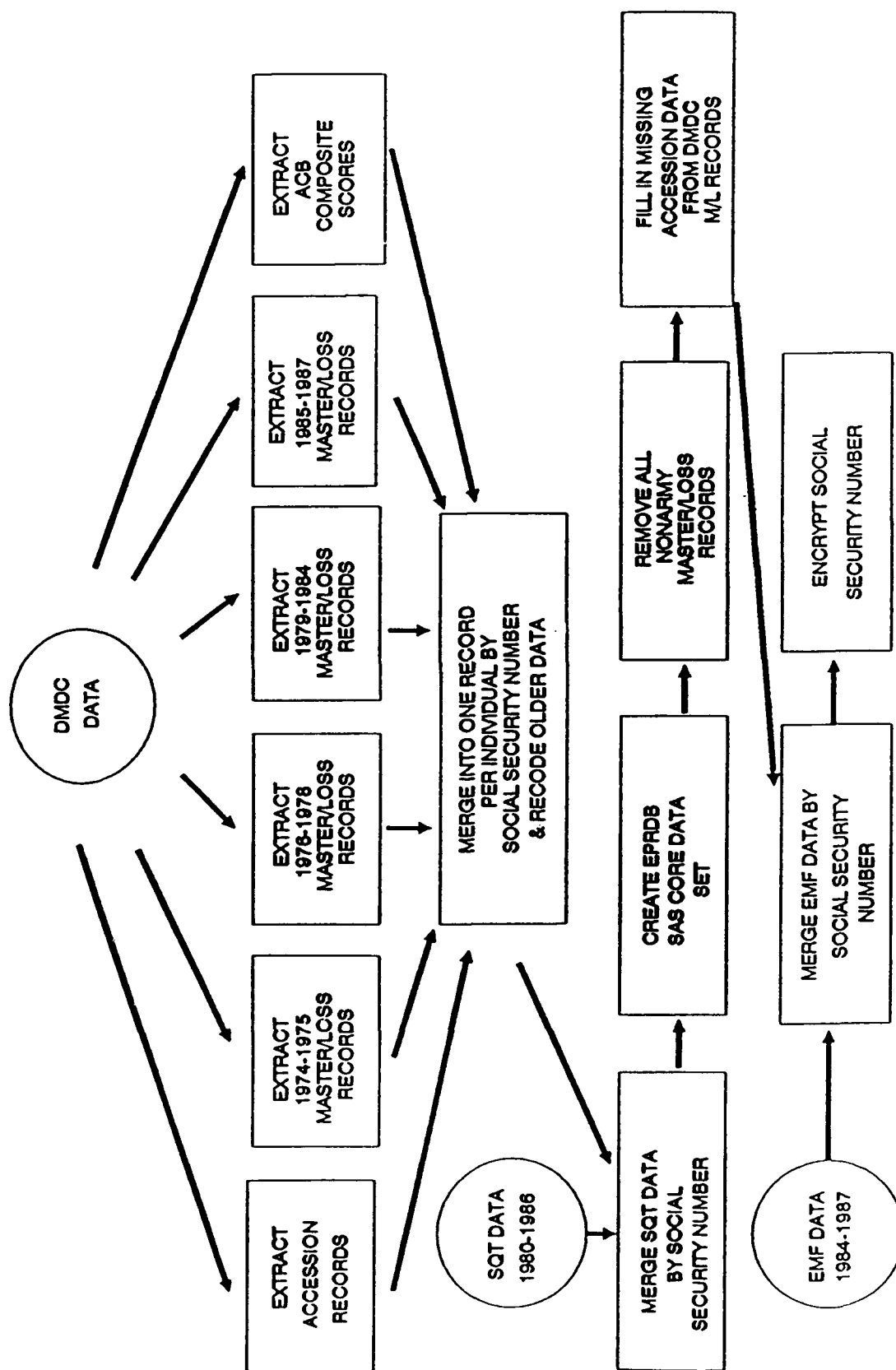


Figure 2. EPRDB Core Data Base Development

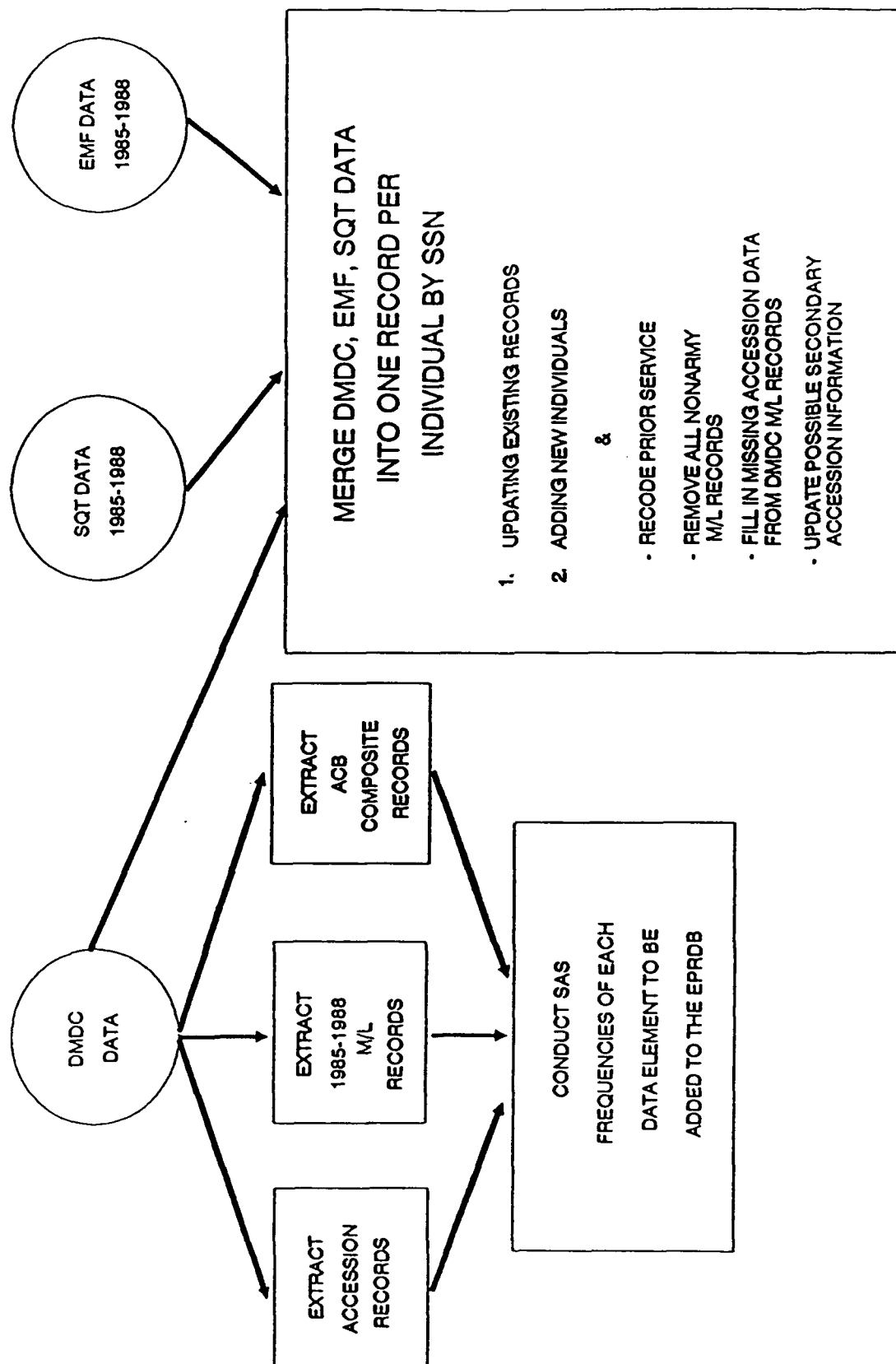


Figure 3. EPRDB Core Data Set Maintenance Flow
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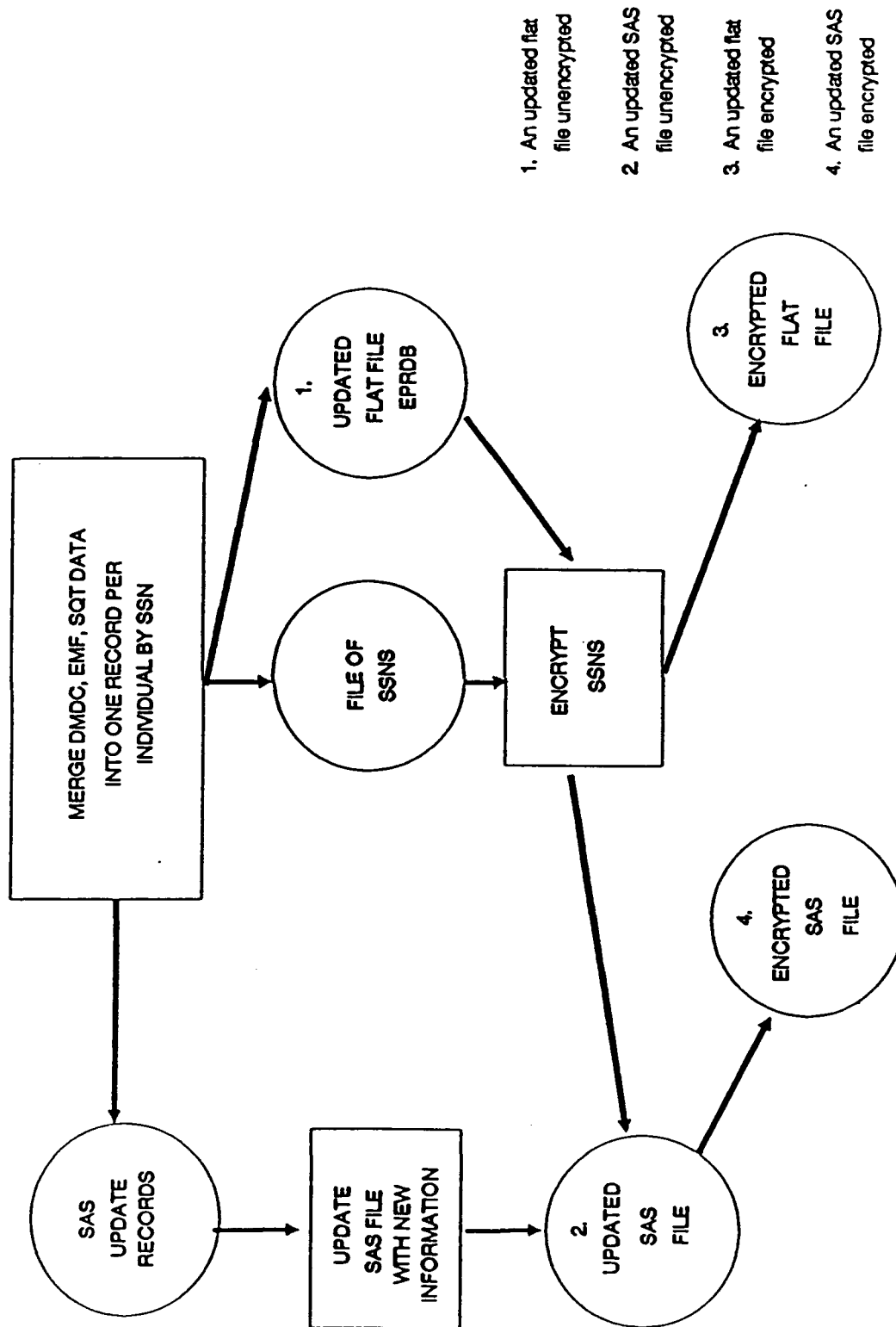


Figure 3 continued. EPRDB Core Data Set Maintenance Flow

Table 1
Number of Enlisted Personnel by Fiscal Year in 100% EPRDB

<u>YEAR</u>	<u># OF ENLISTED</u>
1985	119,919
1986	235,656
1987	332,861
1988	398,264
1989	443,755
1990	441,231

Table 2
Number of Enlisted Personnel Whose Term of Service has Expired
by Fiscal Year in 100% EPRDB

<u>YEAR</u>	<u># OF ENLISTED</u>
1985	1
1986	66
1987	6,342
1988	14,812
1989	46,553
1990	38,628

Data Base Summary

There are two versions of the EPRDB Core Data Set, a flat character file and a SAS file. These files exist for both the 25 percent and 100 percent samples. They are maintained at the NIH computing facility on standard label 3480 cartridge tapes. The data set characteristics are described below.

25 percent EPRDB: Accessions for fiscal years 1974-1984

- Flat character file

Data Set Name: WTFBXPB.EPRDB25.Y7490.ENCRYPT
Volumes: 009145, 007967, 007939, 009852
Number of Observations: 408,879
Number of Data elements: 973

- SAS file

Data Set Name: WTFBXPB.SAS.EPRDB25.Y7490.ENCRYPT
Volumes: 007509, 008793, 008592, 008720, 008682
Number of Observations: 408,879
Number of Data elements: 973

100 percent EPRDB: Accessions for fiscal years 1985-1990

- Flat character file

Data Set Name: WTFBXPB.EPRDB100.Y8590.ENCRYPT
Volumes: 004898, 085353, 011643, 054629, 008596, 064388, 065995
Number of Observations: 667,051
Number of Data elements: 973

- SAS file

Data Set Name: WTFBXPB.SAS.EPRDB100.Y8590.ENCRYPT
Volumes: 109066, 108991, 104316, 105336
Number of Observations: 667,051
Number of Data elements: 529
(Note: Data elements for 1974-84 are not on SAS file)

Each data set contains one record per individual. All data sets were designed to have the same data elements, however, all annual data elements for the 100 percent SAS data base for the years 1974 through 1984 were eliminated since, by definition, they would always be blank. Appendix E contains an alphabetical list of the data elements. An individual is identified by the data element matchcode, which is the encrypted social security number.

APPENDIX A
DATA ELEMENTS OF EPRDB CORE SAS DATA SET

SECTION	DATA ELEMENTS
I. Initial Accession	#1-59
II. Second Accession	#60-77
III. Composite Scores From Army Classification Battery Test (ACB)	#78-87
IV. DMDC Master/Loss Records Fiscal Year 1974+	#88-125
V. SQT Scores Fiscal Year 1980+	#126-129
VI. PERSINSCOM EMF Files Fiscal Year 1984+	#130-155
VII. Master Record Indicator Flags	#156
VIII. Loss Record Indicator Flags	#157
IX. Secondary Accession Indicator Flag	#158

I. INITIAL ACCESSION

VARIABLE

<u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
--------------------	-------------------------	---------------------------	---------------------------

1. MATCHCOD	CHAR	N/A	ACCESSION/COHORT
--------------------	-------------	------------	-------------------------

An eight digit unique identifying code which is derived from scrambling the social security number.

2. HOMZIP1	CHAR	Home of Record #1	ACCESSION/COHORT
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The first three digits of an individual's home zip code.

<u>THREE DIGIT</u>	<u>STATE</u>	<u>THREE DIGIT</u>	<u>STATE</u>
<u>ZIPS</u>		<u>ZIPS</u>	
006,007,009	Puerto Rico	500-528	Iowa
010-027	Massachusetts	530-549	Wisconsin
028-029	Rhode Island	550-567	Minnesota
030-038	New Hampshire	570-577	North Dakota
039-049	Maine	580-588	South Dakota
050-059	Vermont	590-599	Montana
060-069	Connecticut	600-629	Illinois
070-089	New Jersey	630-658	Missouri
088	Virgin Islands	660-279	Kansas
090-149	New York	680-693	Nebraska
150-196	Pennsylvania	700-714	Louisiana
197-199	Delaware	716-729	Arkansas
200-205	District of Columbia	730-749	Oklahoma
206-219	Maryland	750-799	Texas
220-246	Virginia	800-816	Colorado
247-268	West Virginia	820-831	Wyoming
270-289	North Carolina	832-838	Idaho
290-299	South Carolina	840-847	Utah
300-319	Georgia	850-865	Arizona
320-339	Florida	870-884	New Mexico
350-369	Alabama	890-898	Nevada
370-385	Tennessee	900-966	California
386-397	Mississippi	967 (99)	American Samoa
400-427	Kentucky	967-968	Hawaii
430-458	Ohio	969	Guam
460-479	Indiana	970-196	Oregon
480-499	Michigan	980-994	Washington
		995-999	Alaska

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

3. **HOMZIP2** **CHAR** **Home of Record #2** **ACCESSION/COHORT**

The last two digits of an individual's home zip code.

4. **HOMEREC** **CHAR** **Home of Record #3** **ACCESSION/COHORT**

FIPS State code of an individual's home.

Code Values:

<u>State Code</u>	<u>State</u>	<u>State Code</u>	<u>State</u>
01	Alabama	29	Missouri
02	Alaska	30	Montana
03	American Samoa	31	Nebraska
04	Arizona	32	Nevada
05	Arkansas	33	New Hampshire
06	California	34	New Jersey
07	Canal Zone	35	New Mexico
08	Colorado	36	New York
09	Connecticut	37	North Carolina
10	Delaware	38	North Dakota
11	District of Columbia	39	Ohio
12	Florida	40	Oklahoma
13	Georgia	41	Oregon
14	Guam	42	Pennsylvania
15	Hawaii	43	Puerto Rico
16	Idaho	44	Rhode Island
17	Illinois	45	South Carolina
18	Indiana	46	South Dakota
19	Iowa	47	Tennessee
20	Kansas	48	Texas
21	Kentucky	49	Utah
22	Louisiana	50	Vermont
23	Maine	51	Virginia
24	Maryland	52	Virgin Islands
25	Massachusetts	53	Washington
26	Michigan	54	West Virginia
27	Minnesota	55	Wisconsin
28	Mississippi	56	Wyoming

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
5. HOMCNTY	CHAR	Home of Record	ACCESSION/COHORT
6. DOBYY	CHAR	Date of Birth Year	ACCESSION/COHORT
7. DOBMM	CHAR	Date of Birth Month	ACCESSION/COHORT
8. DOBDD	CHAR	Date of Birth Day	ACCESSION/COHORT
9. SEX	CHAR	Sex	ACCESSION/COHORT

Code Values:

1. Male
2. Female

10. RACE	CHAR	Race	ACCESSION/COHORT
----------	------	------	------------------

Code Values:

1. White
2. Black
3. Other

11. ETHGP	CHAR	Ethnic Group	ACCESSION/COHORT
-----------	------	--------------	------------------

Code Values:

- | | |
|---------------------------|----------------------------------|
| 1. Mexican | 16. Melanesian |
| 2. Puerto Rican | 17. Micronesian |
| 3. Cuban | 18. Polynesian |
| 4. Latin American | 19. Other Pacific Island descent |
| 5. Other Hispanic descent | 20. Other/None |
| 6. Aleut | 21. Spanish descent (pre 10/81) |
| 7. Eskimo | 22. Asian American (pre 10/81) |
| 8. N. American Indian | |
| 9. Chinese | |
| 10. Japanese | |
| 11. Korean | |
| 12. Indian | |
| 13. Filipino | |
| 14. Vietnamese | |
| 15. Other Asian descent | |

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

12. REDCAT CHAR Race Ethnic ACCESSION/COHORT

Code Values:

- 0. Unknown (post 9/84)
- 1. White
- 2. Black
- 3. Hispanic
- 4. American Indian/Alaskan native
- 5. Asian/Pacific Islander
- 6. Other/Unknown (pre 9/84)
- 7. Other (post 9/84)

**13. ENTRYMS CHAR Marital Status/
Dependents at Entry ACCESSION/COHORT**

Code Values:

SINGLE/DEPENDENTS

MARRIED/DEPENDENTS

- | | |
|------------|------------|
| 1. Unknown | 2. Unknown |
| 10. None | 20. None |
| 11. One | 21. One |
| 12. Two | 22. Two |
| 13. Three | 23. Three |
| 14. Four | 24. Four |
| 15. Five | 25. Five |
| 16. Six | 26. Six |
| 17. Seven | 27. Seven |
| 18. Eight | 28. Eight |
| 19. Nine | 29. Nine |

**14. ENTRYED CHAR Highest Year of
Education at Entry ACCESSION/COHORT**

Code Values:

- | | |
|--|----------------------------------|
| 1. 1-7 years | 7. 1 year college |
| 2. 8 years | 8. 2 years college |
| 3. 1 year high school | 9. 3-4 years college (no degree) |
| 4. 2 years high school | 10. College graduate |
| 5. 3-4 years high school
(no diploma or G.E.D.) | 11. Masters or equivalent |
| 6. High school diploma | 12. Doctorate or equivalent |
| | 13. High school G.E.D |

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

15. PRIRSRC	CHAR	Prior Service	ACCESSION/COHORT
--------------------	-------------	----------------------	-------------------------

Code Values:

1. Non-prior service

All enlistees having prior service have been eliminated from the data base.

16. DEPY	CHAR	Year of Entry into Delayed Entry Program (DEP)	ACCESSION/COHORT
-----------------	-------------	---	-------------------------

17. DEPM	CHAR	Month of Entry into DEP	ACCESSION/COHORT
-----------------	-------------	------------------------------------	-------------------------

18. MONSDEP	CHAR	Months in DEP	ACCESSION/COHORT
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19. DOEY	CHAR	Year of Entry into Active Duty	ACCESSION/COHORT
-----------------	-------------	---	-------------------------

20. DOEM	CHAR	Month of Entry into Active Duty	ACCESSION/COHORT
-----------------	-------------	--	-------------------------

21. DOED	CHAR	Day of Entry into Active Duty	ACCESSION/COHORT
-----------------	-------------	--	-------------------------

22. TERMENL	CHAR	Term of Enlistment	ACCESSION/COHORT
--------------------	-------------	-------------------------------	-------------------------

23. ENTRYPG	CHAR	Entry Pay Grade	ACCESSION/COHORT
--------------------	-------------	------------------------	-------------------------

Code Values:

0. E00

1. E01

2. E02

3. E03

4. E04

5. E05

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
24. PGMNLF1	CHAR	Program Enlisted for #1	ACCESSION/COHORT

Code Values:

- 0. No VEAP kicker and no European assignment
- 1. VEAP kicker and CONUS assignment
- 2. No VEAP kicker with European assignment
- 3. VEAP kicker with European assignment
- 4. Raised VEAP kicker
- 5. No VEAP kicker
- 6. \$2000 VEAP kicker
- 7. \$4000 VEAP kicker
- 8. \$6000 VEAP kicker
- A. 2 year VEAP \$8000
- B. 3 year VEAP \$12000
- C. 4 year VEAP \$12000
- D. Tuition assistance 2 year enlistment
- E. Tuition assistance 3 year enlistment
- F. Tuition assistance 4 year enlistment
- G. Noncontributory VEAP-\$2000-2 year enlistment
- H. Noncontributory VEAP-\$4000-3 year enlistment
- I. Noncontributory VEAP-\$6000-4 year enlistment

See Data Element #24 for the Code Values of Data Elements #25-28

25. PGMNLF2	CHAR	Program Enlisted for #2	ACCESSION/COHORT
26. PGMNLF3	CHAR	Program Enlisted for #3	ACCESSION/COHORT
27. PGMNLF4	CHAR	Program Enlisted for #4	ACCESSION/COHORT
28. PGMNLF5	CHAR	Program Enlisted for #5	ACCESSION/COHORT

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
29. AFESMEP	CHAR	AFES STATION/ EPS	ACCESSION/COHORT

The following values are valid for all years of data:

- | | |
|----------------------|------------------------|
| 1. Albany, NY | 44. El Paso, TX |
| 3. Baltimore, MD | 45. Houston, TX |
| 5. Beckley, WV | 46. Little Rock, AR |
| 6. Boston, MA | 47. New Orleans, LA |
| 7. Buffalo, NY | 48. Oklahoma City, OK |
| 8. Cincinnati, OH | 49. San Antonio, TX |
| 9. Cleveland, OH | 50. Shreveport, LA |
| 10. Columbus, OH | 51. Chicago, IL |
| 12. Harrisburg, PA | 52. Denver, CO |
| 13. Louisville, KY | 53. Des Moines, IA |
| 14. Manchester, NH | 54. Detroit, MI |
| 15. Newark, NJ | 55. Fargo, ND |
| 16. New haven, CT | 56. Indianapolis, IN |
| 18. Philadelphia, PA | 57. Kansas City, MO |
| 19. Pittsburgh, PA | 58. Milwaukee, WI |
| 20. Portland, ME | 59. Minneapolis, MN |
| 22. Richmond, VA | 60. Omaha, NE |
| 24. Springfield, MA | 61. Sioux Falls, SD |
| 25. Syracuse, NY | 62. Saint Louis, MO |
| 26. Wilkes-Barre, PA | 63. Boise, ID |
| 27. Ft. Hamilton, NY | 64. Butte, MT |
| 28. Atlanta, GA | 65. Salt Lake City, UT |
| 29. Charlotte, NC | 66. Fresno, CA |
| 30. Coral gables, FL | 67. Los Angeles, CA |
| 31. Ft. Jackson, SC | 68. Oakland, CA |
| 32. Jackson, MA | 69. Phoenix, AZ |
| 33. Jacksonville, FL | 70. Portland, OR |
| 34. Knoxville, TN | 71. Seattle, WA |
| 35. Memphis, TN | 72. Spokane, WA |
| 36. Montgomery, AL | 73. Anchorage, AK |
| 37. Nashville, TN | 74. Honolulu, HI |
| 38. Raleigh, NC | 75. Guam |
| 39. San Juan, PR | 76. San Diego, CA |
| 41. Albuquerque, NM | 77. Atlantic ENL |
| 42. Amarillo, TX | 78. Pacific ENL |
| 43. Dallas, TX | 79. Tampa, FL |

The following codes are only valid for records prior to 01/01/82:

- | | |
|-------------------|--------------------|
| 2. Ashland, KY | 21. Providence, RI |
| 4. Bangor, ME | 23. Roanoke, VA |
| 11. Fairmont, WV | 40. Abilene, TX |
| 17. Whitehall, NY | |

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

30. ENLBON CHAR Bonus Option ACCESSION/COHORT

Available from FY76 only.

Code Values:

- | | |
|----------------------------|--------------------------------|
| 1. Combat arms \$0-1500 | 4. Non combat arms \$0-1500 |
| 2. Combat arms \$1500-3000 | 5. Non combat arms \$1500-3000 |
| 3. Combat arms \$3000+ | 6. Non combat arms \$3000+ |

31. ENLOP CHAR Enlistment Option ACCESSION/COHORT

Available from FY76 only.

Code Values:

1. Advanced enlistment grade plus training or skill, unit or geographic locations, and buddy program.
2. Advanced enlistment grade plus unit or geographic location and buddy program.
3. Advanced enlistment grade plus unit or geographic location.
4. Advanced enlistment grade.
5. Advanced enlistment grade plus unit or geographic location and training or skill.
6. Advanced enlistment grade plus training or skill guarantee.
7. Advanced enlistment grade plus buddy program.
8. Accelerated promotion plus training or skill guarantee, unit or geographic location and buddy program.
9. Accelerated promotion plus unit or geographic location and buddy program.
10. Accelerated promotion plus unit or geographic location.
11. Accelerated promotion.
12. Accelerated promotion plus buddy program and training or skill guarantee.
13. Accelerated promotion plus training or skill guarantee.
14. Accelerated promotion plus buddy program.
15. Training or skill guarantee plus unit or geographic location and buddy program.
16. Unit or geographic location plus buddy program.
17. Unit or geographic location.
18. Training or skill guarantee plus unit or geographic location.
19. Training or skill guarantee plus buddy program.
20. Training or skill guarantee.
21. Other.

VARIABLE
NAME

DATA TYPE **SOURCE NAME**

SOURCE FILE

32. TMOS CHAR Training MOS ACCESSION/COHORT

Military occupational specialty which an individual is entering the service to acquire. See Appendix B for code values. These definitions are subject to change, and new documentation is published twice yearly. For more current listings, please refer to form

AR 611-201 Reference Data.

33. TSKID1 CHAR Skill Identifier #1 ACCESSION/COHORT

34. TSKID2 CHAR Skill Identifier #2 ACCESSION/COHORT

Also referred to as SQI

Code Values:

- A. Technical intelligence
- C. Nuclear, biological & chemical
- D. Civil affairs operations
- E. Northern warfare expert
- F. Flying status
- G. Ranger
- H. Instructor
- I. Installer
- K. Logistics NCO
- L. Linguist
- M. First seargent
- N. Joint planner
- O. No special qualifications
- P. Parachutist
- Q. Equal opportunity advisor (EOA)
- R. Research development, test, and evaluation (RDTE)
- V. Ranger parachutist
- X. Drill seargent
- Y. Pathfinder
- Z. Alcohol and drug abuse prevention and control program
- 2. Training development
- 4. Non-career recruiter

VARIABLE**NAME DATA TYPE SOURCE NAME SOURCE FILE****35. PULHES1 CHAR PUL ACCESSION/COHORT**

A series of codes giving a description of an individual's physical normalcy. Each letter corresponds to a particular area of health as follows:

P - General physical well-being	H - Hearing
U - Upper extremities	E - Eyes and vision
L - Lower extremities	S - Psychiatric well-being

Each area is scored from one through four:

- 1 = Completely healthy
- 2 = Minor defect
- 3 = More serious defect requiring waiver for entry
- 4 = Unwaiverable defect

This field is treated as two separate three digit codes, comprised of the score for areas PUL and areas HES. All fours are converted to fives, and then each of the three digits is multiplied together and the product of each set is stored in its appropriate position. This method means the original scores in individual area can never be retrieved, however, certain ranges can be determined to signify general good health or the presence of a defect.

36. PULHES2 CHAR HES ACCESSION/COHORT

See Data Element #35.

VARIABLE**NAME****DATA TYPE****SOURCE NAME****SOURCE FILE**

37. WAIVER CHAR Waiver Code ACCESSION/COHORT

Code Values:

- | | |
|---|----------------------------|
| 0. Not applicable | 8. Physical qualification |
| 1. Age | 9. Sole survivor member |
| 2. Number of dependents | 10. Education |
| 3. Mental qualification | 11. Alien |
| 4. Moral qualification | 12. Security risk |
| 5. Previous disqualification/
separation | 13. Conscientious objector |
| 6. Lost time | 14. Pay grade |
| 7. Physical qualification
(EPTS) | 15. Skill requirements |
| | 16. Predictor requirements |
| | 17. Other |

38. TFORM CHAR Test Form ACCESSION/COHORT

Code Values:

- | | |
|-------------------|-------------|
| 1. ECFA1 | 24. ACT |
| 2. ECFA2 | 25. AQB |
| 3. ECFA3 | 26. AQE66 |
| 4. ASVAB | 31. ASVAB1 |
| 5. AFWST/5 | 32. ASVAB2 |
| 6. AFWST/6 | 33. ASVAB3 |
| 7. AFQT 7A,D | 34. ASVAB4 |
| 8. AFQT 7B | 35. ASVAB5 |
| 9. AFQT 7C | 36. ASVAB6 |
| 10. AFQT 8A,D | 37. ASVAB7 |
| 11. AFQT 8B/AQB | 38. ASVAB8 |
| 12. AFQT 8C/AQE66 | 39. ASVAB9 |
| 13. SBTB | 40. ASVAB10 |
| 14. SBTB2 | 41. ASVAB11 |
| 15. SBTB3 | 42. ASVAB12 |
| 16. BTB3 | 43. ASVAB13 |
| 17. BTB4 | 44. ASVAB14 |
| 18. BTB5 | 45. ASVAB15 |
| 19. BTB6 | 46. ASVAB16 |
| 20. BTB7 | 47. ASVAB17 |
| 21. BTB8 | |
| 22. BTB-R1 | |
| 23. ACB73 | |

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
39. AFOT	CHAR	AFOT Percentile	ACCESSION/COHORT

Individual's percentile test score attained on the Armed Forces Qualification (or equivalent) Test.

40. AFOTGPS	CHAR	AFQT Groups	ACCESSION/COHORT
-------------	------	-------------	------------------

Aggregation of percentile test score attained by an individual on the AFQT (or equivalent).

Code Values:

1. 1-9 (V)
2. 10-15 (IVc)
3. 16-20 (IVb)
4. 21-30 (IVa)
5. 31-49 (IIIb)
6. 50-64 (IIIa)
7. 65-92 (II)
8. 93-99 (I)

41. AFOTOR	CHAR	AFOT % Original	ACCESSION/COHORT
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This field is only valid between FY76 to FY80 (07/01/75-09/30/80).

42. AFQTGRP	CHAR	AFQT Group Original	ACCESSION/COHORT
-------------	------	------------------------	------------------

This field is only valid between FY76 to FY80 (07/01/75-09/30/80).

43-

59. APTAR1- APTAR16	CHAR	Aptitude Areas 1-16	ACCESSION/COHORT
------------------------	------	---------------------	------------------

Scores range in value from 1 to 180.

II. SECOND ACCESSION

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
60. HOMEREC2		See Data Element #4	
61. ENTRYMS2		See Data Element #13	
62. ENTRYED2		See Data Element #14	
63. DOEYY2		See Data Element #19	
64. DOEMM2		See Data Element #20	
65. DOEDD2		See Data Element #21	
66. TERMENL2		See Data Element #22	
67. ENTRYPG2		See Data Element #23	
68-			
72. PGMNLF21-PGMNLF25		See Data Elements #24-28	
73. ENLBON2		See Data Element #30	
74. ENLOP2		See Data Element #31	
75. TMOS2		See Data Element #32	
76. WAIVER2		See Data Element #37	
77. AFQT2		See Data Element #39	

III. COMPOSITE SCORES FROM (ACB)

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
78. CO	CHAR	Combat Arms	COMPOSITE
79. FA	CHAR	Field Artillery	COMPOSITE
80. MM	CHAR	Mechanical Maintenance	COMPOSITE
81. GM	CHAR	General Maintenance	COMPOSITE
82. CL	CHAR	Clerical	COMPOSITE
83. GT	CHAR	General Technical	COMPOSITE
84. EL	CHAR	Electronics	COMPOSITE
85. SC	CHAR	Surveillance	COMPOSITE
86. ST	CHAR	Skilled Technical	COMPOSITE
87. OF	CHAR	Operators & Food Handlers	COMPOSITE

IV. DMDC MASTER/LOSS RECORDS FISCAL YEAR 1974+

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
88. DPOC(YY)	CHAR	DoD Primary Occupation Code	MASTER/LOSS

The Primary Occupation code indicates the occupation for which the Service member has been trained or the most significant skill held by the individual.

89. DDOC(YY)	CHAR	DoD Duty Occupation Code	MASTER/LOSS
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The Duty Occupation code reflects the occupation in which the Service member is actually working.

90. HVEC(YY)	CHAR	Highest Year of Education	MASTER/LOSS
--------------	------	------------------------------	-------------

Code Values:

- 00. Unknown
- 01. 1-7 years of elementary school completed
- 02. 8 years of elementary school completed
- 03. 1 year of high school completed
- 04. 2 years of high school completed
- 05. 3 or 4 years of high school completed, with no diploma or GED
- 06. High school diploma (pre 12/97 - attendance certificate, or GED)
- 07. 1 year college completed
- 08. 2 years of college completed
- 09. 3 or 4 years of college completed with no diploma
- 10. College graduate (Bachelor's)
- 11. Masters degree
- 12. Doctorate and first-professional degrees
- 13. GED (after 11/87)
- 14. Alternate education credential (after 11/87)

VARIABLE
NAME

DATA TYPE **SOURCE NAME**

SOURCE FILE

91. PYGRD(YY) CHAR Pay Grade MASTER/LOSS

Code Values:

00 Enlisted unknown
01-09 E01-E09
10 Warrant officer unknown
11-14 W01-W04
20 Commissioned officer unknown
21-31 001-011

92. MARST(YY) CHAR Marital Status MASTER/LOSS

Code Values:

00. Unknown
01. Single
02. Married
03. No longer married
04. Single (pre 07/01/85)

93. NOD(YY) CHAR Number of Dependents MASTER/LOSS

Code Values:

01. No dependents 06. 5 dependents
02. 1 dependent 07. 6 dependents
03. 2 dependents 08. 7 dependents
04. 3 dependents 09. 8-15 dependents
05. 4 dependents

94. PMOS(YY) CHAR Primary MOS MASTER/LOSS

This data element is the service code for the member's primary occupation. See Appendix B for code values.

95. PSKID1(YY) CHAR Skill Identifier #1 MASTER/LOSS

See data element #34

96. PSKID2(YY) CHAR Skill Identifier #2 MASTER/LOSS

See data element #34

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
97. DMOS(YY)	CHAR	Duty MOS	MASTER/LOSS
Available from <u>09/78</u> only. See Appendix B for code values.			
98. DSKID1(YY)	CHAR	Skill Identifier #1	MASTER/LOSS
See data element #34			
99. DSKID2(YY)	CHAR	Skill Identifier #2	MASTER/LOSS
See data element #34			
100. CMF(YY)	CHAR	Career Management Field	MASTER/LOSS

Code Values:

11 Infantry	55 Ammunition
12 Combat engineering	63 Mechanical maintenance
13 Field artillery	64 Transportation
16 Air defense artillery	67 Aircraft maintenance
18 Special operations	71 Administration
19 Armor	74 Automatic data processing
23 Air defense missile maintenance	76 Supply and service
24 Air defense system maintenance	77 Petroleum and water
25 Audio-visual	79 Recruiting/reenlistment
27 Land combat/air defense air defense systems intermediate maintenance	81 Topographic engineering
28 Aviation communications electronics systems maintenance	84 Public affairs and audiovisual
29 Signal maintenance	88 Transportation
31 Signal operations	91 Medical
33 Electronic intercept systems	92 Petroleum
46 Public affairs	93 Aviation operations
51 General engineering	94 Food service
54 Chemical	95 Military police
	96 Military intelligence
	97 Band
	98 Electronic warfare/cryptologic operations

Available from 07/78 only. These definitions change frequently. The most current CMF definitions can be found on Form AR 611-201 Reference Data.

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
101. ASI(YY)	CHAR	Additional Skill Identifier	MASTER/LOSS
Available from 12/87 only. Field added to record for 1984+			
102. BSDYY(YY)	CHAR	Base Active Service Date (Year)	MASTER/LOSS
103. BSDMM(YY)	CHAR	Base Active Service Date (Month)	MASTER/LOSS
104. BSDDD(YY)	CHAR	Base Active Service Date (Day)	MASTER/LOSS
105. ETTY(YY)	CHAR	ETS Date (Year)	MASTER/LOSS
106. ETMM(YY)	CHAR	ETS Date (Month)	MASTER/LOSS

The estimated date that an individual's obligation to the Army will be fulfilled.

107. RKPGYY(YY)	CHAR	Date of Rank (Year)	MASTER/LOSS
108. RKPGMM(YY)	CHAR	Date of Rank (Month)	MASTER/LOSS

The date that establishes the relative seniority of an individual among others who possess the same permanent paygrade.

109. DOLEY(YY)	CHAR	Date of Latest Reenlistment (Year)	MASTER/LOSS
110. DOLEMM(YY)	CHAR	Date of Latest Reenlistment (Month)	MASTER/LOSS

Reflects date at which member started his current tour of duty.

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
111. COMPT(YY)	CHAR	Component	MASTER/LOSS

Code Values:

1. Regular
2. Temporary
3. Reserve
4. Guard
5. Full-time support reservists
(for Sep 1983 files only)

112. SRB(YY)	CHAR	SRB Multiplier	MASTER/LOSS
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Available from 07/85 only.

113. BPDYY(YY)	CHAR	Pay Entry Base Date (Year)	MASTER/LOSS
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114. BPDMM (YY)	CHAR	Pay Entry Base Date (Month)	MASTER/LOSS
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115. BPDDD(YY)	CHAR	Pay Entry Base Date (Day)	MASTER/LOSS
----------------	------	------------------------------	-------------

Items #115-117 are not available for FY74 loss records.

116. UNTID(YY)	CHAR	Unit Identification Code	MASTER/LOSS
----------------	------	-----------------------------	-------------

Available from 12/74 only.

VARIABLE
NAME

DATA TYPE **SOURCE NAME**

SOURCE FILE

117. UNTZIP(YY) CHAR Unit Zip Code MASTER/LOSS

Available from 10/79 only.

Code Values:

APO New York & Location (09)

Italy- 001-002, 019, 161, 168, 221, 232, 240, 293, 453, 670, 694, 794

Germany- 007-009, 012, 021, 025-026, 028-029, 031, 033-036, 039,
045-047, 050, 052-054, 056-061, 063, 066-070, 072, 074,
076-082, 086, 090-093, 095, 098, 102-105, 107-112, 114,
123, 128, 130-132, 137-144, 146, 154, 160, 162, 164-166,
169, 171-173, 175-178, 180, 182, 184-186, 189, 211, 213,
215-216, 220, 227, 245, 252, 279, 281, 305, 321-322,
325-326, 330, 333, 351-355, 358-360, 403, 407, 411, 451-452,
454-455, 457-458, 611, 633, 666, 669, 692, 695-696, 701-702,
710-712, 742-743, 751, 757, 801, 807, 860,872

Netherlands- 011, 145, 159, 188, 292

Saudi Arabia- 017, 038, 152, 298, 615-616, 671, 691, 697

Greenland- 023, 121

Seychelles- 030

Turkey- 040, 051, 117-118, 133, 224, 254, 289, 294, 338, 380

England- 048-049, 075, 083, 120, 125, 127, 129, 150-151, 179
193-194, 210, 238, 241, 243, 378, 405, 607, 659, 755

Norway- 084-085

Belgium- 055, 086, 088, 153, 163, 667

Liberia- 155, 228 Sudan- 668

Denmark- 170, 870 Israel- 672

Greece- 223, 253, 291, 690, 693 Kenya- 675

Spain- 282-283, 285-286, 401 Egypt- 677, 679

Morocco-	284	Portugal-	678
Azores-	406	France-	777
Zaire-	662	Jordan-	892
Finland-	664, 862		

APO Miami and Location (34)

Panama-	001-009, 011	Chile-	033
Costa Rica-	020	Argentina-	034
Nicaragua-	021	Uruguay-	035
Honduras-	022	Paraguay-	036
El Salvador-	023	Venezuela-	037
Guatemala-	024	Columbia-	038
Brazil-	030	Ecuador-	039
Peru-	031	Puerto Rico-	040
Bolivia-	032	Dominican Republic-	041

APO San Francisco and Location (96)

Korea-	208, 212-214, 218, 220, 224, 231, 251, 259, 264, 271, 301-302, 324, 335, 358, 366, 371, 397, 455, 460, 461, 483, 488, 524, 570-571		
Australia-	209, 390, 404-405		
Japan-	210, 230, 235, 239, 244, 248, 270, 328, 331, 336, 343, 344, 361, 367, 503, 519		
Philippines-	274, 311, 408, 410, 431-432, 434, 528		
Johnston Island-	305	Indonesia-	356
Guam-	327, 334, 351	Wake Island-	501
Thailand-	346, 468	Marshall Islands-	555
Hawaii-	556		

APO Seattle and Location (98)

704, 713, 723, 733, 736 Alaska

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
118. ASC(YY)	CHAR	Status Codes	MASTER/LOSS

Code Values:

CF	Civil functions not defined by CW
CO	CONUS operating
CW	Corps of Engineers, civil works
C1	US Strategic Army Forces, authorized level 1
C2	US Strategic Army Forces, authorized level 2
C3	US Strategic Army Forces, authorized level 3
CE	US Strategic Army Forces, authorized level E
D1	US Strategic Army Forces, deploying unit
DP	Patient assigned to medical holding unit
EN	En route
ES	Personnel entering military service
FA	Foreign activities, other than reimbursable
FP	Active army patients in a foreign country
FS	Foreign students, active Army personnel
GR	Reserve components, statutory tour officer augmentation
GS	Special Reserve Components
JF	Joint task force
NF	Foreign military sales, nonreimbursables
NP	Military assistance program, nonreimbursables
NX	Outside DoD, nonreimbursables
PC	Returned to military control assigned to PCF for processing at PERSINSCOM
PR	Active Army prisoners
PS	Separatees
RE	Replacements
RF	Foreign military sales, reimbursables
RO	Other reimbursables
RP	Military Assistance Programs, reimbursables
RR	Returnees for reassignment
RX	Outside DoD, reimbursables
ST	Students
TH	Overseas troops
TN	Transients
TR	Active Army trainees

Available after 11/87. Field was added to record for 1984 and later.

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

119. ENSLRV CHAR Character of Service MASTER/LOSS
(YY)

Code Values:

- 0. Unknown**
- 1. Honorable**
- 2. Under honorable conditions - general**
- 3. Under other than honorable conditions**
- 4. Dishonorable**
- 5. Uncharacterized**

Information after FY83 (10/01/82) may contain '5' as a valid entry meaning uncharacterized. However, blank or '0' entries prior to this should mean unknown but may have been used to mean uncharacterized as well.

120. RE(YY) CHAR Reenlistment MASTER/LOSS
Eligibility

Code Values:

1 or 10 Fully qualified for immediate enlistment/reenlistment.

1A Fully qualified for reenlistment, but ineligible to apply until 93 days after date of separation.
Applicable to those who have completed 6 years of service for pay purposes and were not required to take action to meet service remaining requirements if separated on or after August, 1978.

1B Fully qualified for reenlistment. Applies to persons who were fully qualified when last separated; however, reenlistment was not authorized at time of separation under strength management program if separated after January 31, 1983.

Fully qualified for reenlistment. Applies to persons who have not been tested to verify PMOS during current term of service or were tested and had not received test score at time of separation if separated on or before January 31, 1983.

- 1C Fully qualified for reenlistment provided otherwise qualified. Applies to persons who do not possess scores of 90 or higher in any three or more aptitude areas of the Armed Services Vocational Aptitude Battery (ASVAB), if tested prior to October 1, 1980; or scores of 85 or higher in any 3 or more aptitude areas of the ASVAB if tested on or after October 1, 1980.**
- 2 or 20 Fully qualified for reenlistment. Applies to persons whose voluntary enrollment is not contemplated due to circumstances such as separation to accept commission or warrant officer appointment, enlistment expires while in cadet status, etc.**
- 2A Fully qualified for reenlistment after 93 days have elapsed since date of last separation. Grade determination must be made. Applies to persons with over 6 years of service for pay separated prior to August 15, 1978 who have incurred an additional service requirement and who decline to meet this requirement through reenlistment or extension.**
- 2B Fully qualified for reenlistment. Applies to persons who were fully qualified when last separated: however, a voluntary enrollment was not authorized at time of separation under enlisted year group management plan.**
- 2C Fully qualified for reenlistment after 93 days have elapsed since date of separation. Applies to persons who were fully qualified when last separated. However, reenlistment was not authorized at time of separation under reenlistment control policy.**
- 3 or 30 Not eligible for reenlistment unless waiver is granted. Includes those separated under Trainee Discharge Program (TDP) and Expeditious Discharge Program (EDP).**
- 3A Not eligible for reenlistment unless waiver is granted. Ineligible to apply for reenlistment until 93 days after date of separation. Grade determination must be made. Applicable to those who have completed 4 years of service for pay purposes and who refused to take action to meet service remaining requirements and were separated on or after August 15, 1978.**

- 3B Not eligible for reenlistment unless waiver is granted. Applicable to those who have time lost during their last period of service.**
- 3C Not eligible for reenlistment unless waiver consideration is granted. Applicable to those who do not meet the grade requirement in basic eligibility criteria.**
- 4 or 40 Not eligible for reenlistment. Applies to persons separated from last period with a nonwaivable disqualification. Includes regular and disability retirements.**
- 4A Not eligible for reenlistment. Applicable to those who fail to meet citizenship requirement.**
- 4R Not eligible for reenlistment. Applies to enlisted personnel retiring after 20 or more years active federal service. (The following codes are meant to be used while an individual is still in the service to show reasons he/she may be precluded from voluntary enrollment. They are occasionally seen on dropped from strength type "loss" records (desertions, for example).**
- 5 Eligible (pre 10/78)**
- 6 Ineligible (pre 10/78)**
- 9A Lost time. Time lost because of absence without leave (AWOL) (includes cases where article 15 has been administered for AWOL/lost time)**
- 9C Skill qualification. A non-qualifying skill qualification evaluation and less than 3 scores of 85 on the ASVAB/ACB/WACB).**
- 9E Physical readiness. Unacceptable physical readiness qualifications.**
- 9G Grade. Exceeds total years active federal service for pay grade**
- 9K Field bar to reenlistment. A denial of reenlistment imposed below Department of the Army Headquarters.**
- 9L Department of the Army bar to reenlistment. A denial of reenlistment imposed by Department of the Army Promotional board.**

9N Court-martial conviction. Convicted by one or more summary. Special or general courts-martial.

9O Age. Does or will exceed maximum age limitations.

9Q Declination of continued service statement. Refusal to take action to meet length of service requirement.

9U Weapons. Unacceptable weapons qualifications.

9W Article 15. Unacceptable Article 15 qualifications.

9X Other. Prohibitions not otherwise identified.

9Y Retirement. Application for retirement has been approved.

9Z Weight. Does not meet acceptable weight standards.

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
121. ISC(Y)	CHAR	Interservice Separation Code	MASTER/LOSS

Code Values:

000 Unknown or invalid

0 Release from active service

001 Expiration of term of service
 002 Early release - insufficient retainability
 003 Early release - to attend school
 004 Early release - police duty
 005 Early release - in the national interest
 006 Early release - seasonal employment
 007 Early release - to teach
 008 Early release - other (including RIF)

1 Medical disqualifications

010 Conditions existing prior to service
 011 Disability - severance pay
 012 Permanent disability - retired
 013 Temporary disability - retired
 014 Disability - non EPTS - no severance pay
 015 Disability - Title 10 retirement
 016 Unqualified for active duty - other (after 10/85)
 017 Failure to meet weight/body fat standards (included
 in 016 prior to FY85)
 018 Unqualified for active duty or failure to meet Weight/body fat
 (pre 10/85)

2 Dependency or hardship

022 Dependency or hardship

3 Death

030 Battle casualty
 031 Non-battle - disease
 032 Non-battle - other
 033 Death - cause not specified

4 Entry into officer programs

040 Officer commissioning program

041 Warrant officer program

042 Service academy

5 Retirement (other than medical)

050 20-30 years of service

051 Over 30 years of service

052 Other categories

6 Failure to meet minimum behavioral of performance Criteria

060 Character or behavior disorder

061 Motivational problems (apathy)

062 Enuresis

063 Inaptitude

064 Alcoholism

065 Discreditable incidents - civilian or military

066 Shirking

067 Drugs

068 Financial irresponsibility

069 Lack of dependent support

070 Unsanitary habits

071 Civil court conviction

072 Security

073 Court martial

074 Fraudulent entry

075 AWOL, desertion

076 Homosexuality

077 Sexual perversion

078 Good of the service (in lieu of Court-Martial)

079 Juvenile offender

080 Misconduct (reason unknown)

081 Unfitness (reason unknown)

082 Unsuitability (reason unknown)

083 Pattern of minor disciplinary infractions

084 Commission of a serious offense

085 Failure to meet minimum qualifications for retention

086 Expeditious discharge\unsatisfactory performance

087 Trainee discharge

9 Other separations or discharges

090 Secretarial authority

091 Erroneous enlistment or induction

- 092 Sole surviving family member
- 093 Marriage
- 094 Pregnancy
- 095 Minority
- 096 Conscientious objector
- 097 Parenthood
- 098 Breach of contract
- 099 Other

10 Transactions

- 100 Immediate reenlistment
- 101 Dropped from strength for desertion
- 102 Dropped from strength for imprisonment
- 103 Record correction
- 104 Missing in action or POW
- 105 Other dropped from strength/the rolls

<u>VARIABLE NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
122. SPDTYY(YY)	CHAR	Date of Separation (Year)	MASTER/LOSS
123. SPDTMM (YY)	CHAR	Date of Separation (Month)	MASTER/LOSS
124. SPDTDD (YY)	CHAR	Date of Separation (Day)	MASTER/LOSS
125. SPD(YY)	CHAR	Separation Program Designator	MASTER/LOSS

V. SQT SCORES FISCAL YEAR 1980+

126. SQT MOS (YY)	CHAR	MOS of SQT Test	SQT FILES
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See Appendix B for values.

127. SLEVEL(YY)	CHAR	Skill Level of SQT Test	SQT FILES
128. VERS(YY)	CHAR	SQT Test Version	SQT FILES
129. SQTSCR (YY)	NUM	SQT Score	SQT FILES

VI. PERSINSCOM EMF FILES FISCAL YEAR 1984+

130. GTSCR(YY) NUM	General Technical Score	EMF FILES
131. ASVYY(YY) CHAR	Date Last Vocational Test (Year)	EMF FILES
132. ASVMM(YY) CHAR	Date Last Vocational Test (Month)	EMF FILES
133. NCOES(YY) CHAR	Noncommissioned Officer Education Program	EMF FILES

Designates graduates of the NCOES training courses and the academic level attained, for SMA.

Code Values:

Sergeants Major Academy:

- A US Army Sergeants Major graduate (resident & nonresident program)
- C US Army Sergeants Major academy nongraduate (resident/nonresident)
- D US Army Sergeants Major academy declinee (resident/nonresident)
- F US Army Sergeants Major academy selectee (resident/nonresident)

Senior level NCOES:

- K Senior level noncommissioned officer course graduate (applies only to the resident mode of the department of the Army First Sergeants course)
- L On-the-job experience of skill level 5
- M Advanced level noncommissioned officer course nongraduate
- N Advanced level noncommissioned officer course nongraduate with on-the-job experience of skill level 4
- P Advanced level noncommissioned officer course declinee
- R Advanced level noncommissioned officer course declinee with on-the-job experience of skill level 4
- S Advanced level noncommissioned officer course graduate
- T Advanced level noncommissioned officer course selectee
- V On-the-job experience for skill level 4

Basic level NCOES:

- W Basic level noncommissioned officers graduate combat arms**
- X Basic technical course graduate**
- Y On the job experience for skill level 3**

Primary level NCOES:

- Z Primary technical course graduate**
- 0 Withdrawal or nonparticipation in any of above courses**
- 1 Primary noncommissioned officer course/combat arms graduate**
- 2 Primary leadership graduate**
- 3 On-the-job experience for skill level 2**

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
134. EFMP(YY)	CHAR	Exceptional Family Member Program	EMF FILES

Soldier has one or more Handicapped Dependents, to be considered as a special condition for assignment purposes.

135. DERSYY (YY)	CHAR	Date Eligible to Return from Overseas (Year)	EMF FILES
136. DERSMM (YY)	CHAR	Date Eligible to Return from Overseas (Month)	EMF FILES
137. DERSDD (YY)	CHAR	Date Eligible to Return from Overseas (Day)	EMF FILES

Designates the date upon which an individual is eligible to return to CONUS or area of residents form O/S. Not applicable to personnel in CONUS.

138. DLPYY(YY)	CHAR	Date of Last Permanent Change of Station (Year)	EMF FILES
139. DLPM (YY)	CHAR	Date of Last Permanent Change of Station (Month)	EMF FILES
140. DLPDD(YY)	CHAR	Date of Last Permanent Change of Station (Day)	EMF FILES

Designates the date an individual was moved from one duty station to another, at government expense.

141. DROSY (YY)	CHAR	Date Last Departed Overseas (Year)	EMF FILES
142. DROSM (YY)	CHAR	Date Last Departed Overseas (Month)	EMF FILES

The date or adjusted date, that an individual departed from his most recent assignment in an overseas command.

VARIABLE
NAME

DATA TYPE

SOURCE NAME

SOURCE FILE

143. CITIZ(YY) CHAR Citizenship Status EMF FILES

Code Values:

- A. Native born citizen
- B. Naturalized citizen - acquired US citizenship after birth through naturalization of one or both parents
- C. Derivative - birth - acquired US citizenship at birth outside the US of parents one or both of whom are US citizens
- D. Naturalization - a person born outside of the US who has completed naturalization procedures and has been admitted to US citizenship by duly constituted authority
- Y. Alien - not a US citizen
- Z. Unknown

144. CLANG(YY) CHAR Language Identity EMF FILES

Designates the language other than English, with the greatest significance to the Army, in which an individual is qualified.

145. ENLOP(YY) CHAR Enlistment Option Code EMF FILES

A multiple usage code reflecting immediate reenlistment or how entered service, (enlisted drafted) and what option EM applied for (airborne, AG) as coded on DD Form 4. Includes codes for reenlistment per AR 601-280.

146. TERMS(YY) CHAR Term of Service EMF FILES

Code Values:

- 1. 15 months or less
- 2. 15 months and 1 day - 35 months
- 3. 35 months and 1 day - 47 months
- 4. 47 months and 1 day - 59 months
- 5. 59 months and 1 day - 71 months
- 6. 71 months and 1 day - 83 months
- 7. 83 months and 1 day - 95 months
- 8. 95 months and 1 day - 107 months
- 9. 107 months and 1 day - 119 months
- 0. 119 months and 1 day - 120 months
- Z. More than 120 months (current active duty individuals who enlisted in the RA for an unspecified period on a career basis).

VARIABLE

<u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
147. PSVCI(YY)	CHAR	Number of Times Reenlisted	EMF FILES

Code Values:

- 0. First enlistment
- 1. First reenlistment (2nd enlistment)
- 2. Second reenlistment (3rd enlistment)
- 3. Third or subsequent reenlistment (equals 4th or subsequent enlistment)

Designates whether an individual has had more than one
Regular Army enlistment.

148. ADPAY(YY)	CHAR	Eligibility for Additional Pay	EMF FILES
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Code Values:

- 0. Withdrawal of eligibility for additional pay
- 1. Aerial flight duty - crew member
- 2. Aerial flight duty - noncrew member
- 3. Parachute duty
- 4. Demolition duty
- 5. Diving duty - master diver
- 6. Experimental - stress duty
- 7. Diving duty - diver first class
- 8. Diving duty - salvage diver
- 9. Diving duty - diver second class
- R. Diving duty - scuba diver
- X. Aerial flight duty - crew member and parachute duty
- Y. Aerial flight duty - noncrew member and parachute duty
- Z. Parachute duty and demolition duty
- BLANK No additional pay reported

VARIABLE

<u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
149. PROPAS (YY)	CHAR	Proficiency Pay Status	EMF FILES

A rating or classification given an enlisted member of the Armed Forces which indicates the level of entitlement to proficiency pay under applicable regulations.

Code Values:

1. Lowest level of skill-related proficiency pay
2. Second lowest level of skill related proficiency pay
3. Highest level of skill-related proficiency pay.

150. PROPT(YY)	NUM	Current Promotion Points	EMF FILES
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Indicates the number of points awarded an individual by a promotion board. Applies to the grades of 4 and 5 only.

151. PROPY (YY)	CHAR	Current Promotion Points Date (Year)	EMF FILES
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152. PROPMM (YY)	CHAR	Current Promotion Points Date (Month)	EMF FILES
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153. PRVPT(YY)	NUM	Previous Promotion Points	EMF FILES
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154. PRPTY(YY)	CHAR	Previous Promotion Points Date (Year)	EMF FILES
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155. PRPTMM (YY)	CHAR	Previous Promotion Points Date (Month)	EMF FILES
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II. MASTER RECORD INDICATOR FLAGS

<u>VARIABLE</u> <u>NAME</u>	<u>DATA TYPE</u>	<u>SOURCE NAME</u>	<u>SOURCE FILE</u>
156. MFLAG(YY)	CHAR	Master Flag	N/A

A "1" in this position indicates that variables #80-116 for this year contain data from a Master record, and that variables #117-126 may contain data from a transaction record, indicated by an ISC code value of zero or higher.

VIII. LOSS RECORD INDICATOR FLAGS

157. LFLAG(YY)	CHAR	Loss Flag	N/A
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A value greater than zero in this position indicates that the variables #80-125 for this year contain data from a Loss record.

Code Values:

1. Loss due to normal separation, indicating ISC = 1.
2. Immediate reenlistment.
3. Early attrition, ISC 2 or higher.
Includes unknowns, ISC equal to zero.

IX. SECONDARY ACCESSION INDICATOR FLAGS

158. AFLAG	CHAR	Second Accession Flag	N/A
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A "1" in this position indicates that this record contains information from a second accession record.

APPENDIX B

MILITARY OCCUPATION SPECIALTY VALUES*

00B	Diver	11M	Fighting vehicle infantryman
00D	Special duty assignment	12B	Combat engineer
00E	Recruiter	12C	Bridge crewman
00J	Club manager	12E	Atomic demolition munitions specialist
00U	Equal opportunity NCO	12F	Engineer tracked vehicle crewman
00Z	Command sergeant major reporting codes	12Z	Combat engineering senior sergeant
01H	Biological sciences assistant	13B	Cannon crewman (131 - FA cannon/missile subfield)
02B	Cornet or trumpet player	13R	FA firefinder radar oper (132 - FA target acquis operations subfield)
02C	Baritone or euphonium player	13C	Tacfire operations specialist
02D	French horn player	13E	Cannon fire direction specialist
02E	Trombone player	13F	Fire support specialist
02F	Tuba player	13M	Multiple launch rocket system crewmember
02G	Flute or piccolo player	13W	FA target acquisition senior sergeant
02H	Oboe player	13Y	Cannon missile senior sergeant
02J	Clarinet player	13Z	Field artillery senior sergeant
02K	Bassoon player	15D	Lance crewmember MLRS sergeant
02L	Saxophone player	15E	Pershing missile crew member
02M	Percussion player		
02N	Piano player		
02P	Brass group leader		
02Q	Woodwind player		
02R	Percussion group leader		
02S	Special band person		
02T	Guitar player		
02Z	Enlisted band leader		
03C	Physical activities specialist		
05B	Radio operator		
05D	EW/sigint emitter identifier/locator		

* Because Military Occupation Specialties change, the codes listed in this appendix are not necessarily the ones most currently in use by the Army. Updated lists are published every six months, and can be found on form AR-611-201, available from PERSINSCOM.

05G	Sigsec analyst	15J	MLRS/lance operation/fire direction specialist
05H	EW/sigint Morse interceptor	16B	Hercules missile crew member
05K	EW/sigint non-Morse interceptor	16C	Hercules fire control crew member
06C	Radio teletype operator	16D	Hawk missile crew member
09D	College trainee	16E	Hawk fire control crew member
09R	Reserve forces rptg code	16F	Light ADA crewman (reserve forces)
09S	Comm officer candidate	16G	Roland crewmember assistant
09T	ARNG stat OCS candidate	16H	ADA operations and intelligence assistant
09W	WO candidate	24S	Roland mechanic 7
11B	Infantry man	24T	Patriot missile mechanic
11C	Indirect fire infantryman	24U	Hercules electronics mechanic
11H	Heavy antiarmor weapons infantryman	24V	IH maintenance chief
16J	Defense acquisition radar operator	25C	Combat area surveillance radar repairs
16P	ADA short range missile crewman	25J	Operations central repairs
16R	ADA short range gunnery crewman	25L	AN/TSQ-78 ADA command and control system operations/repairs
16S	MANPADS (man portable air Defense system) crewman	25Q	Tactical microwave satellite systems operations
16T	Patriot missile crewmember	25R	Strategic microwave systems operations
16Z	ADA senior sergeant	26B	Weapons support radar repairs
17B	FA radar crew member	26F	Aerial photoactive sensor repairs
17C	FA target acquisition specialist	26H	Air defense radar repairs
17K	Ground surveillance radar crewman	26K	Aerial electronic warning defense equipment repairs
17L	Aerial sensor specialist (OV-IBC) (Reserves)	26L	Tactical microwave system repairs
17M	Remote sensor specialist	26M	Aerial surveillance radar repairs (Reserves)
19D	Cavalry scout	26N	Aerial surveillance infra red repairs (Reserves)
19E	M48-M60 armor crewman		
19K	MI Abrams armor crewman		
19Z	Armor senior sergeant		
21G	Pershing electronic material specialist		
21L	Pershing electronics repair		
22L	Nike test equipment repairs		
22N	Nike-Hercules missile launcher repairs		

23N	Nike track radar repairs	26T	Radio/TV systems spec
23U	Nike high power radar simulator repairs	26V	Strategic microwave system repairs
23W	Nike maintenance chief	26Y	Satellite communications equipment repairs
24C	IH firing section mechanic	27B	LCSS test specialist/lance repairs
24F	IH fire control mechanic	27C	Roland repairs 7
24G	IH information coordinator central mechanic	27D	Roland FMTS repairs
24H	IH fire control repairs	27E	Tow/dragon repairs
24J	IH pulse radar repairs	27F	Vulcan repairs
24K	IH CW radar repairs	27G	Chaparral/redeye repairs
24L	IH launcher & mechanical systems repairs	27H	Shillelagh repairs
24M	Vulcan system mechanic	27N	Forward area alerting radar repairs
24N	Chapparral system mechanic	27Z	Ballistic/LC/LAD systems maintenance chief
24P	Defense acquisition radar mechanic	31E	Field radio repairs
24Q	Nike Hercules fire control mechanic	31J	Teletypewriter repairs
24R	Improved hawk master mechanic	31M	Multichannel communications equipment operator
31T	Field systems comsec repairs	31N	Tactical circuit controller
31V	Tactical communications systems/operator mechanic	31S	Field general COMSEC repairs
31Z	C-E operations chief	36E	Cable splicer
32D	Stations technical controller	36H	Dial/manual central office repairs
32F	Fixed cliphony repairs	36K	Tactical wire operations specialist
32G	Fixed cryptographic equipment repairs	36L	Electronic switching systems repairs
32H	Fixed station radio repair	41B	Topographic instrument Repair specialist
32Z	C-E maintenance chief	41C	Fire control instrument repairs
33S	EW/intercept systems repairs	41E	Audiovisual equipment repairs
34B	Punchcard machine repairs	41G	Aerial surveillance photographic equipment repairs (reserve forces)
34C	DAS 3 computer repairs	41J	Office machine repairs
34E	NCR 500 computer repairs	42C	Orthoptic specialist
34F	DSTE repairs	42D	Dental laboratory specialist
34H	ADMSE repairs	42E	Optical laboratory specialist
34J	UNIVAC 1004/1005 DCT 9000 system repairs	43E	Parachute rigger
34K	IBM 360 repairs		

34Y	FA computer repairs	43M	Fabric repair specialist
34Z	ADP maintenance supervisor	44B	Metal worker
35B	Electronic instrument repairs	44E	Machinist
35C	Automatic test equipment repairs	45B	Small arms repairs
35E	Special electrical devices repairs	45D	Field artillery turret mechanic
35F	Nuclear weapons electronic specialist	45E	MI Abrams tank turret mechanic
35G	Biomedical equipment specialist basic	45G	FC systems repairs
35H	Calibration specialist	45K	Tank turret repairs
35K	Avionic mechanic	45L	Artillery repairs
35L	Electronic switchin systems repairs	45N	M60A1/A3 tank turret Mechanic
35L	Avionic communications equipment repairs	45T	ITV/IFV/CFV turret
35M	Avionic navigation and flight control equipment repairs	45Z	Armament/fire control maintenance supervisor
35P	Avionic equipment maintenance supervisor	46N	Pershing electrical mechanical repairs
35R	Avionic special equipment repairs	51B	Carpentry & masonry specialist
35U	Biomedical equipment specialist advanced	51C	Structures specialist
36C	Wire systems installer/operator	51G	Materials quality specialist
36D	Antenna installer specialist	51H	Construction supervisor
51Z	General engineering supervisor	51K	Plumber
52C	Utilities equipment repairs	51M	Firefighter
52D	Power generation equipment repairs	51N	Water treatment
52E	Prime power production specialist	51R	Interior electrician
52G	Transmission and distribution specialist	51T	Technical engineering specialist
54C	Smoke operations specialist	65D	Railway car repairs
54E	NBC specialist	65E	Airbrake repairs
54Z	Chemical senior sergeant	65F	Locomotive electrician
		65G	Railway section repairs
		65H	Locomotive operator
		65J	Train crew member
		65K	Railway movement Coordinator
		65Z	Railway senior sergeant
		67G	Utility/cargo airplane repairs
		67H	Observation airplane repairs

55B	Ammunition specialist	67N	Utility helicopter management specialist
55D	Explosive ordinance disposal specialist	67T	Tactical transport helicopter repairs specialist
55G	Nuclear weapons maintenance specialist	67U	Medium helicopter repairs
55X	Ammunition inspector	67V	Observation/scout helicopter repairs
55Z	Ammunition supervisor	67W	Aircraft quality control supervisor
57E	Laundry and bath specialist	67X	Heavy lift helicopter repairs
57F	Graves registration specialist	67Y	Attack helicopter repairs
57H	Terminal operations Coordinator	67Z	Aircraft maintenance senior sergeant
61B	Watercraft operator	68B	Aircraft power plant repairs
61C	Watercraft engineer	68D	Aircraft power train repairs
61F	Marine hull repairs	68F	Aircraft electrician
61Z	Marine senior sergeant	68G	Aircraft structural repairs
62B	Construction equipment repairs	68H	Aircraft pneudralics repairs
62E	Heavy construction equipment operator	68J	Aircraft fire control repairs
62T	ITV/IFV/CFV system mechanic	68M	Aircraft weapon systems mechanic
63B	Light wheel vehicle/power generation mechanic	71C	Stenographer
63D	Self-propelled field artillery system mechanic repairs	71D	Legal clerk
68K	Aircraft component repair supervisor	71E	Court reporter
63E	MI ABRAMS tank systems repairs	71G	Patient administration specialist
63G	Fuel & electrical systems repairs	71L	Administrative specialist
63H	Track vehicle repairs	71M	Chapel activities spec.
63J	Quartermaster & chemical equipment repairs	71N	Traffic management Coordinator
63N	M60A1 tank system mechanic	71P	Flight operations coord.
63W	Wheel vehicle repairs	71Q	Journalist
63Y	Track vehicle mechanic	71R	Broadcast journalist
63Z	Mechanical maintenance supervisor	72E	Combat telecommunications Center operator
64C	Motor transport operator	91B	Medical specialist
64Z	Transportation senior sergeant	91C	Patient care specialist
65B	Locomotive repairs		
72G	Data communications switching center specialist		

72H	Central office operations Operator	91D	Operating room specialist
73C	Finance specialist	91E	Dental specialist
73D	Accounting specialist	91F	Psychiatric specialist
73Z	Finance senior sergeant	91G	Behavioral science specialist
74B	Card and tape writer (reserve forces)	91H	Orthopedic specialist
74D	Computer/machine operator	91J	Physical therapy specialist
74F	Programmer/analyst	91L	Occupational therapy specialist
74Z	Data processing NCO	91N	Cardiac specialist
75B	Personnel administration specialist	91P	X-ray specialist
75C	Personnel management specialist	91Q	Pharmacy specialist
75D	Personnel records specialist	91R	Veterinary specialist
75E	Personnel actions specialist	91S	Environmental health specialist
75F	Personnel information system	91T	Animal care specialist
75Z	Personnel sergeant	91U	ENT specialist
76C	Equipment records & parts	91V	Respiratory specialist
76J	Medical supply specialist	91W	Nuclear medicine specialist
76P	Material control & Accounting specialist	91Y	Eye specialist
76V	Material storage & handling specialist	92B	Medical laboratory specialist
76W	Petroleum supply specialist	92C	Petroleum laboratory specialist
76X	Subsistence supply specialist	92D	Chemical laboratory specialist
76Y	Unit supply specialist	92E	Cytology specialist
76Z	Senior supply sergeant	93E	Meteorological observer
79D	Reenlistment NCO	93F	FA meteorological crew
81B	Technical drafting specialist	93H	ATC tower operator
81C	Cartographer	93J	ATC radar controller
81E	Illustrator	94B	Food service specialist
81Z	Topographic engineering supervisor	94F	Hospital food service specialist
82B	Construction surveyor	95B	Military police
82C	FA surveyor	95C	Correctional specialist
82D	Topographic surveyor	95D	Special agent
83E	Photo and layout specialist	96B	Intelligence analyst
83F	Photolithographer	96C	Interrogator
84B	Still photo specialist	96D	Image interpreter
84C	Mopic specialist	96H	Aerial sensor specialist (OV-ID)
		96Z	Intelligence senior sgt.
		97B	Counterintelligence agent
		97C	Area intelligence spec.

84F Audio/TV specialist
84T TV/radio broadcast
operations chief
84Z Public affairs/
audiovisual chief

98C EW/sigint analyst
98G EW/sigint voice
interceptor
98J EW/sigint noncomm
interceptor
98Z EW/sigintchief

APPENDIX C
DATA ELEMENT RECODING

<u>VARIABLE NAME</u>	<u>SOURCE NAME</u>
1. ETHGP	Ethnic Group

Information prior to 10/81 was recoded as follows:

<u>OLD</u>	<u>NEW</u>
1. Spanish descent	21. Spanish descent (pre 10/81)
2. American Indian	8. N. American Indian
3. Asian American	22. Asian American (pre 10/81)
4. Puerto Rican	2. Puerto Rican
5. Filipino	13. Filipino
6. Mexican American	1. Mexican
7. Eskimo	7. Eskimo
8. Aleut	6. Aleut
9. Cuban American	3. Cuban
10. Chinese	9. Chinese
11. Japanese	10. Japanese
12. Korean	11. Korean
13. Other	20. Other/none
14. None	20. Other/none

2. REDCAT	Race Ethnic
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Information prior to 10/81 was recoded as follows:

<u>OLD</u>	<u>NEW</u>
0.	6. Other/Unknown
1. White/non-Spanish	1. White
2. White Spanish	3. Hispanic
3. Black	2. Black
4. Malayan	5. Asian/Pacific Islander

Information was further recoded after 9/84:

<u>OLD</u>	<u>NEW</u>
6. Other/Unknown (pre 84)	0. Unknown
6. Other (post 84)	7. Other

VARIABLE
NAME

SOURCE
NAME

3. **MARST(YY)**

Marital Status

Information prior to 07/01/85 was recoded as follows:

OLD

NEW

- 01. Single
- 02. Married

- 04. Single (pre 07/01/85)
- 02. Married

4. **RE**

Reenlistment Eligibility

Information prior to FY79 (10/01/78) was recoded as follows:

OLD

NEW

- 1. Eligible
- 2. Ineligible

- 5. Eligible (pre 10/78)
- 6. Ineligible (pre 10/78)

5. **ISC**

Interservice Separation Code

Information prior to 10/85 was recoded as follows:

OLD

- 016. Unqualified for active duty

NEW

- 018. Unqualified for active duty or failure to meet weight/body fat standards

Prior to 1980 an ISC = 0 was used to identify reenlistments and loss transactions due to desertions, imprisonments, and individuals dropped from the strength/rolls. After 1979 these separations were assigned ISC's of 100 and above. Using available documentation, information obtained from ARI and DMDC personnel on SPD's for these types of transactions, we were able to reassign most of the ISC's of zero to the values 100 and greater. See Appendix A for definitions.

APPENDIX D

DEFINITIONS AND SAS NAMES OF EPRDB DATA ELEMENTS

<u>DATA</u>	<u>SAS NAME</u>
1. Matchcode	MATCHCOD
2. Home of Record #1	HOMZIP1
3. Home of Record #2	HOMZIP2
4. Home of Record #3 State - FIPS	HOMEREC
5. Home of Record County County - FIPS	HOMCNTY
6. Date of Birth Year	DOBY Y
7. Date of Birth Month	DOBMM
8. Date of Birth Day	DOBDD
9. Sex	SEX
10. Race	RACE
11. Ethnic Group	ETHGP
12. Race Ethnic	REDCAT
13. Marital Status at Entry	ENTRYMS
14. Highest Year of Education at Entry	ENTRYED
15. Prior Service	PRIRSRC
16. Date of Entry into DEP (Year)	DEPY Y
17. Date of Entry into DEP (Month)	DEPMM

<u>DATA</u>	<u>SAS NAME</u>
18. Months in DEP	MONSDEP
19. Date of Entry (Year)	DOEYY
20. Date of Entry (Month)	DOEMM
21. Date of Entry (Day)	DOEDD
22. Term of Enlistment	TERMENL
23. Entry Pay Grade	ENTRYPG
24. Program Enlisted for #1	PGMNLF1
25. Program Enlisted for #2	PGMNLF2
26. Program Enlisted for #3	PGMNLF3
27. Program Enlisted for #4	PGMNLF4
28. Program Enlisted for #5	PGMNLF5
29. AFEES/EPS	AFESMEP
30. Bonus Option	ENLBON
31. Enlistment Option	ENLOP
32. Training MOS	TMOS
33. Skill Identifier #1	TSKID1
34. Skill Identifier #2	TSKID2
35. PUL	PULHES1
36. HES	PULHES2
37. Waiver Code	WAIVER
38. Test Form	TFORM
39. AFQT Percentile	AFQT

<u>DATA</u>	<u>SAS NAME</u>
40. AFQT Groups	AFQTGPS
41. AFQT % Original	AFQTORG
42. AFQT Group Original	AFQTGRP
43-59. Aptitude Areas 1-16	APTAR1-APTAR16
60. Home of Record	HOMEREC2
61. Entry Marital Status	ENTRYMS2
62. Entry Education	ENTRYED2
63. Date of Entry (Year)	DOEYY2
64. Date of Entry (Month)	DOEMM2
65. Date of Entry (Day)	DOEDD2
66. Term of Enlistment	TERMENL2
67. Entry Pay Grade	ENTRYPG2
68-72. Program Enlisted for #1-5	PGMNLF21-PGMNLF25
73. Enlistment Bonus	ENLBON2
74. Enlistment Option	ENLOP2
75. Training MOS	TMOS2
76. Waiver Code	WAIVER2
77. AFQT Percentile	AFQT2
78. Combat Arms	CO
79. Field Artillery	FA
80. Mechanical Maintenance	MM
81. General Maintenance	GM

<u>DATA</u>	<u>SAS NAME</u>
82. Clerical	CL
83. General Technical	GT
84. Electronics Repair	EL
85. Surveillance	SC
86. Skilled Technical	ST
87. Operators & Food Handlers	OF
ITEMS #88-122 ARE REPEATED FOR YEARS 1974-1979	
88. DoD Primary Occupation Code	DPOC(YY)
89. DoD Duty Occupation Code	DDOC(YY)
90. Highest Year of Education	HYEC(YY)
91. Pay Grade	PYGRD(YY)
92. Marital Status	MARST(YY)
93. Number of Dependents	NOD(YY)
94. Primary MOS	PMOS(YY)
95. Skill Identifier #1	PSKID1(YY)
96. Skill Identifier #2	PSKID2(YY)
97. Duty MOS	DMOS(YY)
98. Skill Identifier #1	DSKID1(YY)
99. Skill Identifier #2	DSKID2(YY)
100. Career Management Field	CMF(YY)
101. Additional Skill Identifier (Only for 1984+)	ASI(YY)

<u>DATA</u>	<u>SAS NAME</u>
102. Base Active Service Date (Year)	BSDYY(YY)
103. Base Active Service Date (Month)	BSDMM(YY)
104. Base Active Service Date (Day)	BSDDD(YY)
105. ETS Date (Year)	ETYY(YY)
106. ETS Date (Month)	ETMM(YY)
107. Date of Rank (Year)	RKPGYY(YY)
108. Date of Rank (Month)	RKPGMM(YY)
109. Date of Latest Reenlistment (Year)	DOLEY(YY)
110. Date of Latest Reenlistment (Month)	DOLEMM(YY)
111. Component	COMPT(YY)
112. SRB Multiplier	SRB(YY)
113. Pay Entry Base Date (Year)	BPDYY(YY)
114. Pay Entry Base Date (Month)	BPDMM(YY)
115. Pay Entry Base Date (Day)	BPDDD(YY)
116. Unit Identification Code	UNTID(YY)
117. Unit Zip Code	UNTZIP(YY)
118. Army Status Code (Only for 1984+)	ASC(YY)
119. Character of Service	ENSLRV(YY)

<u>DATA</u>	<u>SAS NAME</u>
120. Reenlistment	RE(YY)
121. Interservice Separation Code	ISC(YY)
122. Date of Separation (Year)	SPDTYY(YY)
123. Date of Separation (Month)	SPDTMM(YY)
124. Date of Separation (Day)	SPDTDD(YY)
125. Separation Program Designator	SPD(YY)

ITEMS #126-129 ARE REPEATED FOR YEARS 1980+

126. MOS of SQT Test	SQTMOS(YY)
127. Skill Level of SQT Test	SLEVEL(YY)
128. SQT Test Version	VERS(YY)
129. SQT Score	SQTSCR(YY)

ITEMS #130-155 ARE REPEATED FOR YEARS 1984+

130. General Technical Score	GTSCR(YY)
131. Date Last Vocational Test (Year)	ASVYY(YY)
132. Date Last Vocational Test (Month)	ASVMM(YY)
133. Noncommissioned Officer Education Program	NCOES(YY)
134. Exceptional Family Member Program	EFMP(YY)
135. Date Eligible to Return from Overseas (Year)	DERSYY(YY)

<u>DATA</u>	<u>SAS NAME</u>
136. Date Eligible to Return from Overseas (Month)	DERSMM(YY)
137. Date Eligible to Return from Overseas (Day)	DERSDD(YY)
138. Date of Last Permanent Change of Station (Year)	DLPYY(YY)
139. Date of Last Permanent Change of Station (Month)	DLPMM(YY)
140. Date of Last Permanent Change of Station (Day)	DLPDD(YY)
141. Date Last Departed Overseas Year	DROSY(YY)
142. Date Last Departed Overseas (Month)	DROSM(YY)
143. Citizenship Status	CITIZ(YY)
144. Language Identity	CLANG(YY)
145. Enlistment Option Code	ENLOP(YY)
146. Term of Service	TERMS(YY)
147. Number of Times Reenlisted	PSVCI(YY)
148. Eligibility for Additional Pay	ADPAY(YY)
149. Proficiency Pay Status	PROPAS(YY)
150. Current Promotion Points	PROPT(YY)
151. Current Promotion Points Date (Year)	PROPY(YY)
152. Current Promotion Points Date (Month)	PROPM(YY)

<u>DATA</u>	<u>SAS NAME</u>
153. Previous Promotion Points	PRVPT(YY)
154. Previous Promotion Points Date (Year)	PRPTY(YY)
155. Previous Promotion Points Date (Month)	PRPTMM(YY)
156. Master Flag	MFLAG(YY)
157. Loss Flag	LFLAG(YY)
158. Second Accession Flag	AFLAG

APPENDIX E

RECORD LAYOUT FOR FLAT FILES OF EPRDB 25 AND 100% SAMPLES

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
MATCHCOD	PIC '(9)9'	1-9
HOMZIP1	PIC '999'	10-12
HOMZIP2	PIC '99'	13-14
HOMEREC	PIC '99'	15-16
HOMCNTY	PIC '999'	17-19
DOBYY	PIC '99'	20-21
DOBMM	PIC '99'	22-23
DOBDD	PIC '99'	24-25
SEX	PIC '9'	26
RACE	PIC '9'	27
ETHGP	PIC '99'	28-29
REDCAT	PIC '9'	30
ENTRYMS	PIC '99'	31-32
ENTRYED	PIC '99'	33-34
PRIRSRC	PIC '99'	35-36
DEPY	PIC '99'	37-38
DEPMM	PIC '99'	39-40
MONSDEP	PIC '99'	41-42
DOEY	PIC '99'	43-44
DOEMM	PIC '99'	45-46
DOEDD	PIC '99'	47-48
TERMENL	PIC '99'	49-50
ENTRYPG	PIC '99'	51-52
PGMNLF1	CHAR (1)	53
PGMNLF2	CHAR (1)	54
PGMNLF3	CHAR (1)	55
PGMNLF4	CHAR (1)	56
PGMNLF5	CHAR (1)	57
AFESMEP	PIC '99'	58-59
ENLBON	PIC '9'	60
ENLOP	PIC '99'	61-62
TMOS	CHAR (3)	63-65
TSKID1	CHAR (1)	66
TSKID2	CHAR (1)	67
PULHES1	PIC '99'	68-69
PULHES2	PIC '99'	70-71
WAIVER	PIC '99'	72-73
TFORM	PIC '99'	74-75
AFQT	PIC '99'	76-77

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
AFQTGPS	PIC '9'	78
AFQTORG	PIC '99'	79-80
AFQTGRP	PIC '9'	81
APTAR1	PIC '999'	82-84
APTAR2	PIC '999'	85-87
APTAR3	PIC '999'	88-90
APTAR4	PIC '999'	91-93
APTAR5	PIC '999'	94-96
APTAR6	PIC '999'	97-99
APTAR7	PIC '999'	100-102
APTAR8	PIC '999'	103-105
APTAR9	PIC '999'	106-108
APTAR10	PIC '999'	109-111
APTAR11	PIC '999'	112-114
APTAR12	PIC '999'	115-117
APTAR13	PIC '999'	118-120
APTAR14	PIC '999'	121-123
APTAR15	PIC '999'	124-126
APTAR16	PIC '999'	127-129
HOMEREC2	PIC '99'	130-131
ENTRYMS2	PIC '99'	132-133
ENTRYED2	PIC '99'	134-135
DOEYY2	PIC '99'	136-137
DOEMM2	PIC '99'	138-139
DOEDD2	PIC '99'	140-141
TERMENL2	PIC '99'	142-143
ENTRYPG2	PIC '99'	144-145
PGMNLF21	CHAR (1)	146
PGMNLF22	CHAR (1)	147
PGMNLF23	CHAR (1)	148
PGMNLF24	CHAR (1)	149
PGMNLF25	CHAR (1)	150
ENLBON2	PIC '9'	151
ENLOP2	PIC '99'	152-153
TMOS2	CHAR (3)	154-156
WAIVER2	PIC '99'	157-158
AFQT2	PIC '99'	159-160
CO	PIC '999'	161-163
FA	PIC '999'	164-166
MM	PIC '999'	167-169
GM	PIC '999'	170-172
CL	PIC '999'	173-175
GT	PIC '999'	176-178
EL	PIC '999'	179-181

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
SC	PIC '999'	182-184
ST	PIC '999'	185-187
OF	PIC '999'	188-190
DPOC74	PIC '999'	* 191-193 Beginning here
DDOC74	PIC '999'	194-196 the record is
HYEC74	PIC '99'	197-198 blank in the
PYGRD74	PIC '99'	199-200 100% data base
MARST74	PIC '9'	201 until position
NOD74	PIC '9'	202 1143 (1985 data)
PMOS74	CHAR (3)	203-205
PSKID174	CHAR (1)	206
PSKID274	CHAR (1)	207
DMOS74	CHAR (3)	208-210
DSKID174	CHAR (1)	211
DSKID274	PIC '9'	212
CMF74	PIC '99'	213-214
BSDYY74	PIC '99'	215-216
BSDMM74	PIC '99'	217-218
BSDDD74	PIC '99'	219-220
ETYY74	PIC '99'	221-222
ETMM74	PIC '99'	223-224
RKPGYY74	PIC '99'	225-226
RKPGMM74	PIC '99'	227-228
DOLEY74	PIC '99'	229-230
DOLEMM74	PIC '99'	231-232
COMPT74	PIC '9'	233
SRB74	CHAR (3)	234-236
BPDYY74	PIC '99'	237-238
BPDMM74	PIC '99'	239-240
BPDDD74	PIC '99'	241-242
UNTID74	CHAR (6)	243-248
UNTZIP74	CHAR (5)	249-253
ENSLRV74	PIC '9'	254
RE74	CHAR (2)	255-256
ISC74	PIC '999'	257-259
SPDTYY74	PIC '99'	260-261
SPDTMM74	PIC '99'	262-263
SPDTDD74	PIC '99'	264-265
SPD74	CHAR (3)	266-268
DPOC75	PIC '999'	269-271
DDOC75	PIC '999'	272-274
HYEC75	PIC '99'	275-276
PYGRD75	PIC '99'	277-278
MARST75	PIC '9'	279

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
NOD75	PIC '9'	280
PMOS75	CHAR (3)	281-283
PSKID175	CHAR (1)	284
PSKID275	CHAR (1)	285
DMOS75	CHAR (3)	286-288
DSKID175	CHAR (1)	289
DSKID275	PIC '9'	290
CMF75	PIC '99'	291-292
BSDYY75	PIC '99'	293-294
BSDMM75	PIC '99'	295-296
BSDDD75	PIC '99'	297-298
ETYY75	PIC '99'	299-300
ETMM75	PIC '99'	301-302
RKPGYY75	PIC '99'	303-304
RKPGMM75	PIC '99'	305-306
DOLEY75	PIC '99'	307-308
DOLEMM75	PIC '99'	309-310
COMPT75	PIC '9'	311
SRB75	CHAR (3)	312-314
BPDYY75	PIC '99'	315-316
BPDMM75	PIC '99'	317-318
BPDDD75	PIC '99'	319-320
UNTID75	CHAR (6)	321-326
UNTZIP75	CHAR (5)	327-331
ENSLRV75	PIC '9'	332
RE75	CHAR (2)	333-334
ISC75	PIC '999'	335-337
SPDTYY75	PIC '99'	338-339
SPDTMM75	PIC '99'	340-341
SPDTDD75	PIC '99'	342-343
SPD75	CHAR (3)	344-346
DPOC76	PIC '999'	347-349
DDOC76	PIC '999'	350-352
HYEC76	PIC '99'	353-354
PYGRD76	PIC '99'	355-356
MARST76	PIC '9'	357
NOD76	PIC '9'	358
PMOS76	CHAR (3)	359-361
PSKID176	CHAR (1)	362
PSKID276	CHAR (1)	363
DMOS76	CHAR (3)	364-366
DSKID176	CHAR (1)	367
DSKID276	PIC '9'	368
CMF76	PIC '99'	369-370

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
BSDYY76	PIC '99'	371-372
BSDMM76	PIC '99'	373-374
BSDDD76	PIC '99'	375-376
ETYY76	PIC '99'	377-378
ETMM76	PIC '99'	379-380
RKPGYY76	PIC '99'	381-382
RKPGMM76	PIC '99'	383-384
DOLEY76	PIC '99'	385-386
DOLEMM76	PIC '99'	387-388
COMPT76	PIC '9'	389
SRB76	CHAR (3)	390-392
BPDYY76	PIC '99'	393-394
BPDMM76	PIC '99'	395-396
BPDDD76	PIC '99'	397-398
UNTID76	CHAR (6)	399-404
UNTZIP76	CHAR (5)	405-409
ENSLRV76	PIC '9'	410
RE76	CHAR (2)	411-412
ISC76	PIC '99'	413-415
SPDTYY76	PIC '99'	416-417
SPDTMM76	PIC '99'	418-419
SPDTDD76	PIC '99'	420-421
SPD76	CHAR (3)	422-424
DPOC77	PIC '999'	425-427
DDOC77	PIC '999'	428-430
HYEC77	PIC '99'	431-432
PYGRD77	PIC '99'	433-434
MARST77	PIC '9'	435
NOD77	PIC '9'	436
PMOS77	CHAR (3)	437-439
PSKID177	CHAR (1)	440
PSKID277	CHAR (1)	441
DMOS77	CHAR (3)	442-444
DSKID177	CHAR (1)	445
DSKID277	PIC '9'	446
CMF77	PIC '99'	447-448
BSDYY77	PIC '99'	449-450
BSDMM77	PIC '99'	451-452
BSDDD77	PIC '99'	453-454
ETYY77	PIC '99'	455-456
ETMM77	PIC '99'	457-458
RKPGYY77	PIC '99'	459-460
RKPGMM77	PIC '99'	461-462
DOLEY77	PIC '99'	463-464

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DOLEMM77	PIC '99'	465-466
COMPT77	PIC '9'	467
SRB77	CHAR (3)	468-470
BPDYY77	PIC '99'	471-472
BPDMM77	PIC '99'	473-474
BPDDD77	PIC '99'	475-476
UNTID77	CHAR (6)	477-482
UNTZIP77	CHAR (5)	483-487
ENSLRV77	PIC '9'	488
RE77	CHAR (2)	489-490
ISC77	PIC '999'	491-493
SPDTYY77	PIC '99'	494-495
SPDTMM77	PIC '99'	496-497
SPDTDD77	PIC '99'	498-499
SPD77	CHAR (3)	500-502
DPOC78	PIC '999'	503-505
DDOC78	PIC '999'	506-508
HYEC78	PIC '99'	509-510
PYGRD78	PIC '99'	511-512
MARST78	PIC '9'	513
NOD78	PIC '9'	514
PMOS78	CHAR (3)	515-517
PSKID178	CHAR (1)	518
PSKID278	CHAR (1)	519
DMOS78	CHAR (3)	520-522
DSKID178	CHAR (1)	523
DSKID278	PIC '9'	524
CMF78	PIC '99'	525-526
BSDYY78	PIC '99'	527-528
BSDMM78	PIC '99'	529-530
BSDDD78	PIC '99'	531-532
ETYY78	PIC '99'	533-534
ETMM78	PIC '99'	535-536
RKPGYY78	PIC '99'	537-538
RKPGMM78	PIC '99'	539-540
DOLEY78	PIC '99'	541-542
DOLEMM78	PIC '99'	543-544
COMPT78	PIC '9'	545
SRB78	CHAR (3)	546-548
BPDYY78	PIC '99'	549-550
BPDMM78	PIC '99'	551-552
BPDDD78	PIC '99'	553-554
UNTID78	CHAR (6)	555-560
UNTZIP78	CHAR (5)	561-565

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
ENSLRV78	PIC '9'	566
RE78	CHAR (2)	567-568
ISC78	PIC '999'	569-571
SPDTYY78	PIC '99'	572-573
SPDTMM78	PIC '99'	574-575
SPDTDD78	PIC '99'	576-577
SPD78	CHAR (3)	578-580
DPOC79	PIC '999'	581-583
DDOC79	PIC '999'	584-586
HYEC79	PIC '99'	587-588
PYGRD79	PIC '99'	589-590
MARST79	PIC '9'	591
NOD79	PIC '9'	592
PMOS79	CHAR (3)	593-595
PSKID179	CHAR (1)	596
PSKID279	CHAR (1)	597
DMOS79	CHAR (3)	598-600
DSKID179	CHAR (1)	601
DSKID279	PIC '9'	602
CMF79	PIC '99'	603-604
BSDYY79	PIC '99'	605-606
BSDMM79	PIC '99'	607-608
BSDDD79	PIC '99'	609-610
ETYY79	PIC '99'	611-612
ETMM79	PIC '99'	613-614
RKPGYY79	PIC '99'	615-616
RKPGMM79	PIC '99'	617-618
DOLEY79	PIC '99'	619-620
DOLEMM79	PIC '99'	621-622
COMPT79	PIC '9'	623
SRB79	CHAR (3)	624-626
BPDYY79	PIC '99'	627-628
BPDMM79	PIC '99'	629-630
BPDDD79	PIC '99'	631-632
UNTID79	CHAR (6)	633-638
UNTZIP79	CHAR (5)	639-643
ENSLRV79	PIC '9'	644
RE79	CHAR (2)	645-646
ISC79	PIC '999'	647-649
SPDTYY79	PIC '99'	650-651
SPDTMM79	PIC '99'	652-653
SPDTDD79	PIC '99'	654-655
SPD79	CHAR (3)	656-658
DPOC80	PIC '999'	659-661

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DDOC80	PIC '999'	662-664
HYEC80	PIC '99'	665-666
PYGRD80	PIC '99'	667-668
MARST80	PIC '9'	669
NOD80	PIC '9'	670
PMOS80	CHAR (3)	671-673
PSKID180	CHAR (1)	674
PSKID280	CHAR (1)	675
DMOS80	CHAR (3)	676-678
DSKID180	CHAR (1)	679
DSKID280	PIC '9'	680
CMF80	PIC '99'	681-682
BSDYY80	PIC '99'	683-684
BSDMM80	PIC '99'	685-686
BSDDD80	PIC '99'	687-688
ETYY80	PIC '99'	689-690
ETMM80	PIC '99'	691-692
RKPGYY80	PIC '99'	693-694
RKPGMM80	PIC '99'	695-696
DOLEY80	PIC '99'	697-698
DOLEMM80	PIC '99'	699-700
COMPT80	PIC '9'	701
SRB80	CHAR (3)	702-704
BPDYY80	PIC '99'	705-706
BPDMM80	PIC '99'	707-708
BPDDD80	PIC '99'	709-710
UNTID80	CHAR (6)	711-716
UNTZIP80	CHAR (5)	717-721
ENSLRV80	PIC '9'	722
RE80	CHAR (2)	723-724
ISC80	PIC '999'	725-727
SPDTYY80	PIC '99'	728-729
SPDTMM80	PIC '99'	730-731
SPDTDD80	PIC '99'	732-733
SPD80	CHAR (3)	734-736
SQTMOS80	CHAR (3)	737-739
SLEVEL80	PIC '9'	740
VERS80	PIC '9'	741
SQTSCR80	PIC '999'	742-744
DPOC81	PIC '999'	745-747
DDOC81	PIC '999'	748-750
HYEC81	PIC '99'	751-752
PYGRD81	PIC '99'	753-754
MARST81	PIC '9'	755

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
NOD81	PIC '9'	756
PMOS81	CHAR (3)	757-759
PSKID181	CHAR (1)	760
PSKID281	CHAR (1)	761
DMOS81	CHAR (3)	762-764
DSKID181	CHAR (1)	765
DSKID281	PIC '9'	766
CMF81	PIC '99'	767-768
BSDYY81	PIC '99'	769-770
BSDMM81	PIC '99'	771-772
BSDDD81	PIC '99'	773-774
ETYY81	PIC '99'	775-776
ETMM81	PIC '99'	777-778
RKPGYY81	PIC '99'	779-780
RKPGMM81	PIC '99'	781-782
DOLEY81	PIC '99'	783-784
DOLEMM81	PIC '99'	785-786
COMPT81	PIC '9'	787
SRB81	CHAR (3)	788-790
BPDYY81	PIC '99'	791-792
BPDMM81	PIC '99'	793-794
BPDDD81	PIC '99'	795-796
UNTID81	CHAR (6)	797-802
UNTZIP81	CHAR (5)	803-807
ENSLRV81	PIC '9'	808
RE81	CHAR (2)	809-810
ISC81	PIC '999'	811-813
SPDTYY81	PIC '99'	814-815
SPDTMM81	PIC '99'	816-817
SPDTDD81	PIC '99'	818-819
SPD81	CHAR (3)	820-822
SQTMOS81	CHAR (3)	823-825
SLEVEL81	PIC '9'	826
VERS81	PIC '9'	827
SQTSCR81	PIC '999'	828-830
DPOC82	PIC '999'	831-833
DDOC82	PIC '999'	834-836
HYEC82	PIC '99'	837-838
PYGRD82	PIC '99'	839-840
MARST82	PIC '9'	841
NOD82	PIC '9'	842
PMOS82	CHAR (3)	843-845
PSKID182	CHAR (1)	846
PSKID282	CHAR (1)	847

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DMOS82	CHAR (3)	848-850
DSKID182	CHAR (1)	851
DSKID282	PIC '9'	852
CMF82	PIC '99'	853-854
BSDYY82	PIC '99'	855-856
BSDMM82	PIC '99'	857-858
BSDDD82	PIC '99'	859-860
ETYY82	PIC '99'	861-862
ETMM82	PIC '99'	863-864
RKPGYY82	PIC '99'	865-866
RKPGMM82	PIC '99'	867-868
DOLEY82	PIC '99'	869-870
DOLEMM82	PIC '99'	871-872
COMPT82	PIC '9'	873
SRB82	CHAR (3)	874-876
BPDYY82	PIC '99'	877-878
BPDMM82	PIC '99'	879-880
BPDDD82	PIC '99'	881-882
UNTID82	CHAR (6)	883-888
UNTZIP82	CHAR (5)	889-893
ENSLRV82	PIC '9'	894
RE82	CHAR (2)	895-896
ISC82	PIC '999'	897-899
SPDYY82	PIC '99'	900-901
SPDTMM82	PIC '99'	902-903
SPDTDD82	PIC '99'	904-905
SPD82	CHAR (3)	906-908
SQTMOS82	CHAR (3)	909-911
SLEVEL82	PIC '9'	912
VERS82	PIC '9'	913
SQTSCR82	PIC '999'	914-916
DPOC83	PIC '999'	917-919
DDOC83	PIC '999'	920-922
HYEC83	PIC '99'	923-924
PYGRD83	PIC '99'	925-926
MARST83	PIC '9'	927
NOD83	PIC '9'	928
PMOS83	CHAR (3)	929-931
PSKID183	CHAR (1)	932
PSKID283	CHAR (1)	933
DMOS83	CHAR (3)	934-936
DSKID183	CHAR (1)	937
DSKID283	PIC '9'	938
CMF83	PIC '99'	939-940

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
BSDYY83	PIC '99'	941-942
BSDMM83	PIC '99'	943-944
BSDDD83	PIC '99'	945-946
ETYY83	PIC '99'	947-948
ETMM83	PIC '99'	949-950
RKPGYY83	PIC '99'	951-952
RKPGMM83	PIC '99'	953-954
DOLEY83	PIC '99'	955-956
DOLEMM83	PIC '99'	957-958
COMPT83	PIC '9'	959
SRB83	CHAR (3)	960-962
BPDYY83	PIC '99'	963-964
BPDMM83	PIC '99'	965-966
BPDDD83	PIC '99'	967-968
UNTID83	CHAR (6)	969-974
UNTZIP83	CHAR (5)	975-979
ENSLRV83	PIC '9'	980
RE83	CHAR (2)	981-982
ISC83	PIC '999'	983-985
SPDTYY83	PIC '99'	986-987
SPDTMM83	PIC '99'	988-989
SPDTDD83	PIC '99'	990-991
SPD83	CHAR (3)	992-994
SQTMOS83	CHAR (3)	995-997
SLEVEL83	PIC '9'	998
VERS83	PIC '9'	999
SQTSCR83	PIC '999'	1000-1002
DPOC84	PIC '999'	1003-1005
DDOC84	PIC '999'	1006-1008
HYEC84	PIC '99'	1009-1010
PYGRD84	PIC '99'	1011-1012
MARST84	PIC '9'	1013
NOD84	PIC '9'	1014
PMOS84	CHAR (3)	1015-1017
PSKID184	CHAR (1)	1018
PSKID284	CHAR (1)	1019
DMOS84	CHAR (3)	1020-1022
DSKID184	CHAR (1)	1023
DSKID284	PIC '9'	1024
CMF84	PIC '99'	1025-1026
ASI84	CHAR (2)	1027-1028
BSDYY84	PIC '99'	1029-1030
BSDMM84	PIC '99'	1031-1032
BSDDD84	PIC '99'	1033-1034

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
ETYY84	PIC '99'	1035-1036
ETMM84	PIC '99'	1037-1038
RKPGYY84	PIC '99'	1039-1040
RKPGMM84	PIC '99'	1041-1042
DOLEY84	PIC '99'	1043-1044
DOLEMM84	PIC '99'	1045-1046
COMPT84	PIC '9'	1047
SRB84	CHAR (3)	1048-1050
BPDYY84	PIC '99'	1051-1052
BPDMM84	PIC '99'	1053-1054
BPDD84	PIC '99'	1055-1056
UNTID84	CHAR (6)	1057-1062
UNTZIP84	CHAR (5)	1063-1067
ASC84	PIC '99'	1068-1069
ENSLRV84	PIC '9'	1070
RE84	CHAR (2)	1071-1072
ISC84	PIC '999'	1073-1075
SPDTYY84	PIC '99'	1076-1077
SPDTMM84	PIC '99'	1078-1079
SPDTDD84	PIC '99'	1080-1081
SPD84	CHAR (3)	1082-1084
SQTMOS84	CHAR (3)	1085-1087
SLEVEL84	PIC '9'	1088
VERS84	PIC '9'	1089
SQTSCR84	PIC '999'	1090-1092
GTSCR84	PIC '999'	1093-1095
ASVYY84	PIC '99'	1096-1097
ASVMM84	PIC '99'	1098-1099
NCOES84	CHAR (1)	1100
EFMP84	PIC '9'	1101
DERSY84	PIC '99'	1102-1103
DERSM84	PIC '99'	1104-1105
DERSD84	PIC '99'	1106-1107
DLPYY84	PIC '99'	1108-1109
DLPMM84	PIC '99'	1110-1111
DLPDD84	PIC '99'	1112-1113
DROSY84	PIC '99'	1114-1115
DROSM84	PIC '99'	1116-1117
CITIZ84	CHAR (1)	1118
CLANG84	CHAR (2)	1119-1120
ENLOP84	CHAR (4)	1121-1124
TERMS84	CHAR (1)	1125
PSVCI84	PIC '9'	1126
ADPAY84	CHAR (1)	1127

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>	
PROPAS84	PIC '9'	1128	
PROPT84	CHAR (3)	1129-1131	
PROPTY84	PIC '99'	1132-1133	
PROPMM84	PIC '99'	1134-1135	
PRVPT84	CHAR (3)	1136-1138	
PRPTY84	PIC '99'	1139-1140	
PRPTMM84	PIC '99'	1141-1142	
DPOC85	PIC '999'	* 1143-1145	Begins arrays of yearly data on 100% EPRDB
DDOC85	PIC '999'	1146-1148	
HYEC85	PIC '99'	1149-1150	
PYGRD85	PIC '99'	1151-1152	
MARST85	PIC '9'	1153	
NOD85	PIC '9'	1154	
PMOS85	CHAR (3)	1155-1157	
PSKID185	CHAR (1)	1158	
PSKID285	CHAR (1)	1159	
DMOS85	CHAR (3)	1160-1162	
DSKID185	CHAR (1)	1163	
DSKID285	PIC '9'	1164	
CMF85	PIC '99'	1165-1166	
ASI85	CHAR (2)	1167-1168	
BSDYY85	PIC '99'	1169-1170	
BSDMM85	PIC '99'	1171-1172	
BSDDD85	PIC '99'	1173-1174	
ETYY85	PIC '99'	1175-1176	
ETMM85	PIC '99'	1177-1178	
RKPGYY85	PIC '99'	1179-1180	
RKPGMM85	PIC '99'	1181-1182	
DOLEY85	PIC '99'	1183-1184	
DOLEMM85	PIC '99'	1185-1186	
COMPT85	PIC '9'	1187	
SRB85	CHAR (3)	1188-1190	
BPDYY85	PIC '99'	1191-1192	
BPDMM85	PIC '99'	1193-1194	
BPDDD85	PIC '99'	1195-1196	
UNTID85	CHAR (6)	1197-1202	
UNTZIP85	CHAR (5)	1203-1207	
ASC85	PIC '99'	1208-1209	
ENSLRV85	PIC '9'	1210	
RE85	CHAR (2)	1211-1212	
ISC85	PIC '999'	1213-1215	
SPDTYY85	PIC '99'	1216-1217	
SPDTMM85	PIC '99'	1218-1219	
SPDTDD85	PIC '99'	1220-1221	

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
SPD85	CHAR (3)	1222-1224
SQTMOS85	CHAR (3)	1225-1227
SLEVEL85	PIC '9'	1228
VERS85	PIC '9'	1229
SQTSR85	PIC '999'	1230-1232
GTSCR85	PIC '999'	1233-1235
ASVYY85	PIC '99'	1236-1237
ASVMM85	PIC '99'	1238-1239
NCOES85	CHAR (1)	1240
EFMP85	PIC '9'	1241
DERSYY85	PIC '99'	1242-1243
DERSM85	PIC '99'	1244-1245
DERSD85	PIC '99'	1246-1247
DLPYY85	PIC '99'	1248-1249
DLPMM85	PIC '99'	1250-1251
DLPDD85	PIC '99'	1252-1253
DROSY85	PIC '99'	1254-1255
DROSM85	PIC '99'	1256-1257
CITIZ85	CHAR (1)	1258
CLANG85	CHAR (2)	1259-1260
ENLOP85	CHAR (4)	1261-1264
TERMS85	CHAR (1)	1265
PSVCI85	PIC '9'	1266
ADPAY85	CHAR (1)	1267
PROPAS85	PIC '9'	1268
PROPT85	CHAR (3)	1269-1271
PROPY85	PIC '99'	1272-1273
PROPM85	PIC '99'	1274-1275
PRVPT85	CHAR (3)	1276-1278
PRPTY85	PIC '99'	1279-1280
PRPTM85	PIC '99'	1281-1282
DPOC86	PIC '999'	1283-1285
DDOC86	PIC '999'	1286-1288
HYEC86	PIC '99'	1289-1290
PYGRD86	PIC '99'	1291-1292
MARST86	PIC '9'	1293
NOD86	PIC '9'	1294
PMOS86	CHAR (3)	1295-1297
PSKID186	CHAR (1)	1298
PSKID286	CHAR (1)	1299
DMOS86	CHAR (3)	1300-1302
DSKID186	CHAR (1)	1303
DSKID286	PIC '9'	1304
CMF86	PIC '99'	1305-1306

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
ASI86	CHAR (2)	1307-1308
BSDYY86	PIC '99'	1309-1310
BSDMM86	PIC '99'	1311-1312
BSDDD86	PIC '99'	1313-1314
ETYY86	PIC '99'	1315-1316
ETMM86	PIC '99'	1317-1318
RKPGYY86	PIC '99'	1319-1320
RKPGMM86	PIC '99'	1321-1322
DOLEY86	PIC '99'	1323-1324
DOLEMM86	PIC '99'	1325-1326
COMPT86	PIC '9'	1327
SRB86	CHAR (3)	1328-1330
BPDYY86	PIC '99'	1331-1332
BPDMM86	PIC '99'	1333-1334
BPDDD86	PIC '99'	1335-1336
UNTID86	CHAR (6)	1337-1342
UNTZIP86	CHAR (5)	1343-1347
ASC86	PIC '99'	1348-1349
ENSLRV86	PIC '9'	1350
RE86	CHAR (2)	1351-1352
ISC86	PIC '999'	1353-1355
SPDTYY86	PIC '99'	1356-1357
SPDTMM86	PIC '99'	1358-1359
SPDTDD86	PIC '99'	1360-1361
SPD86	CHAR (3)	1362-1364
SQTMOS86	CHAR (3)	1365-1367
SLEVEL86	PIC '9'	1368
VERS86	PIC '9'	1369
SQTSCR86	PIC '999'	1370-1372
GTSCR86	PIC '999'	1373-1375
ASVYY86	PIC '99'	1376-1377
ASVMM86	PIC '99'	1378-1379
NCOES86	CHAR (1)	1380
EFMP86	PIC '9'	1381
DERSYY86	PIC '99'	1382-1383
DERSMM86	PIC '99'	1384-1385
DERSDD86	PIC '99'	1386-1387
DLPYY86	PIC '99'	1388-1389
DLPMM86	PIC '99'	1390-1391
DLPDD86	PIC '99'	1392-1393
DROSY86	PIC '99'	1394-1395
DROSM86	PIC '99'	1396-1397
CITIZ86	CHAR (1)	1398
CLANG86	CHAR (2)	1399-1400

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
ENLOP86	CHAR (4)	1401-1404
TERMS86	CHAR (1)	1405
PSVCI86	PIC '9'	1406
ADPAY86	CHAR (1)	1407
PROPAS86	PIC '9'	1408
PROPT86	CHAR (3)	1409-1411
PROPY86	PIC '99'	1412-1413
PROPMM86	PIC '99'	1414-1415
PRVPT86	CHAR (3)	1416-1418
PRPTY86	PIC '99'	1419-1420
PRPTMM86	PIC '99'	1421-1422
DPOC87	PIC '999'	1423-1425
DDOC87	PIC '999'	1426-1428
HYEC87	PIC '99'	1429-1430
PYGRD87	PIC '99'	1431-1432
MARST87	PIC '9'	1433
NOD87	PIC '9'	1434
PMOS87	CHAR (3)	1435-1437
PSKID187	CHAR (1)	1438
PSKID287	CHAR (1)	1439
DMOS87	CHAR (3)	1440-1442
DSKID187	CHAR (1)	1443
DSKID287	PIC '9'	1444
CMF87	PIC '99'	1445-1446
ASI87	CHAR (2)	1447-1448
BSDYY87	PIC '99'	1449-1450
BSDMM87	PIC '99'	1451-1452
BSDDD87	PIC '99'	1453-1454
ETYY87	PIC '99'	1455-1456
ETMM87	PIC '99'	1457-1458
RKPGYY87	PIC '99'	1459-1460
RKPGMM87	PIC '99'	1461-1462
DOLEY87	PIC '99'	1463-1464
DOLEMM87	PIC '99'	1465-1466
COMPT87	PIC '9'	1467
SRB87	CHAR (3)	1468-1470
BPDYY87	PIC '99'	1471-1472
BPDMM87	PIC '99'	1473-1474
BPD87	PIC '99'	1475-1476
UNTID87	CHAR (6)	1477-1482
UNTZIP87	CHAR (5)	1483-1487
ASC87	PIC '99'	1488-1489
ENSLRV87	PIC '9'	1490
RE87	CHAR (2)	1491-1492

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
ISC87	PIC '999'	1493-1495
SPDTYY87	PIC '99'	1496-1497
SPDTMM87	PIC '99'	1498-1499
SPDTDD87	PIC '99'	1500-1501
SPD87	CHAR (3)	1502-1504
SQTMOS87	CHAR (3)	1505-1507
SLEVEL87	PIC '9'	1508
VERS87	PIC '9'	1509
SQTSCR87	PIC '999'	1510-1512
GTSCR87	PIC '999'	1513-1515
ASVYY87	PIC '99'	1516-1517
ASVMM87	PIC '99'	1518-1519
NCOES87	CHAR (1)	1520
EFMP87	PIC '9'	1521
DESY87	PIC '99'	1522-1523
DESM87	PIC '99'	1524-1525
DESD87	PIC '99'	1526-1527
DLPY87	PIC '99'	1528-1529
DLPMM87	PIC '99'	1530-1531
DLPDD87	PIC '99'	1532-1533
DROSY87	PIC '99'	1534-1535
DROSM87	PIC '99'	1536-1537
CTIZ87	CHAR (1)	1538
CLANG87	CHAR (2)	1539-1540
ENLOP87	CHAR (4)	1541-1544
TERMS87	CHAR (1)	1545
PSVCI87	PIC '9'	1546
ADPAY87	CHAR (1)	1547
PROPAS87	PIC '9'	1548
PROPT87	CHAR (3)	1549-1551
PROPY87	PIC '99'	1552-1553
PROPMM87	PIC '99'	1554-1555
PRVPT87	CHAR (3)	1556-1558
PRPTY87	PIC '99'	1559-1560
PRPTMM87	PIC '99'	1561-1562
DPOC88	PIC '999'	1563-1565
DDOC88	PIC '999'	1566-1568
HYEC88	PIC '99'	1569-1570
PYGRD88	PIC '99'	1571-1572
MARST88	PIC '9'	1573
NOD88	PIC '9'	1574
PMOS88	CHAR (3)	1575-1577
PSKID188	CHAR (1)	1578
PSKID288	CHAR (1)	1579

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DMOS88	CHAR (3)	1580-1582
DSKID188	CHAR (1)	1583
DSKID288	PIC '9'	1584
CMF88	PIC '99'	1585-1586
ASI88	CHAR (2)	1587-1588
BSDYY88	PIC '99'	1589-1590
BSDMM88	PIC '99'	1591-1592
BSDDD88	PIC '99'	1593-1594
ETYY88	PIC '99'	1595-1596
ETMM88	PIC '99'	1597-1598
RKPGYY88	PIC '99'	1599-1600
RKPGMM88	PIC '99'	1601-1602
DOLEY88	PIC '99'	1603-1604
DOLEMM88	PIC '99'	1605-1606
COMPT88	PIC '9'	1607
SRB88	CHAR (3)	1608-1610
BPDYY88	PIC '99'	1611-1612
BPDMM88	PIC '99'	1613-1614
BPDDD88	PIC '99'	1615-1616
UNTID88	CHAR (6)	1617-1622
UNTZIP88	CHAR (5)	1623-1627
ASC88	PIC '99'	1628-1629
ENSLRV88	PIC '9'	1630
RE88	CHAR (2)	1631-1632
ISC88	PIC '999'	1633-1635
SPDTYY88	PIC '99'	1636-1637
SPDTMM88	PIC '99'	1638-1639
SPDTDD88	PIC '99'	1640-1641
SPD88	CHAR (3)	1642-1644
SQTMOS88	CHAR (3)	1645-1647
SLEVEL88	PIC '9'	1648
VERS88	PIC '9'	1649
SQTSCR88	PIC '999'	1650-1652
GTSCR88	PIC '999'	1653-1655
ASVYY88	PIC '99'	1656-1657
ASVMM88	PIC '99'	1658-1659
NCOES88	CHAR (1)	1660
EFMP88	PIC '9'	1661
DERSYY88	PIC '99'	1662-1663
DERSMM88	PIC '99'	1664-1665
DERSDD88	PIC '99'	1666-1667
DLPYY88	PIC '99'	1668-1669
DLPMM88	PIC '99'	1670-1671

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DLPDD88	PIC '99'	1672-1673
DROSY88	PIC '99'	1674-1675
DROSM88	PIC '99'	1676-1677
CITIZ88	CHAR (1)	1678
CLANG88	CHAR (2)	1679-1680
ENLOP88	CHAR (4)	1681-1684
TERMS88	CHAR (1)	1685
PSVCI88	PIC '9'	1686
ADPAY88	CHAR (1)	1687
PROPAS88	PIC '9'	1688
PROPT88	CHAR (3)	1689-1691
PROPY88	PIC '99'	1692-1693
PROPM88	PIC '99'	1694-1695
PRVPT88	CHAR (3)	1696-1698
PRPTY88	PIC '99'	1699-1700
PRPTM88	PIC '99'	1701-1702
DPOC89	PIC '999'	1703-1705
DDOC89	PIC '999'	1706-1708
HYEC89	PIC '99'	1709-1710
PYGRD89	PIC '99'	1711-1712
MARST89	PIC '9'	1713
NOD89	PIC '9'	1714
PMOS89	CHAR (3)	1715-1717
PSKID189	CHAR (1)	1718
PSKID289	CHAR (1)	1719
DMOS89	CHAR (3)	1720-1722
DSKID189	CHAR (1)	1723
DSKID289	PIC '9'	1724
CMF89	PIC '99'	1725-1726
ASI89	CHAR (2)	1727-1728
BSDYY89	PIC '99'	1729-1730
BSDMM89	PIC '99'	1731-1732
BSDDD89	PIC '99'	1733-1734
ETYY89	PIC '99'	1735-1736
ETMM89	PIC '99'	1737-1738
RKPGYY89	PIC '99'	1739-1740
RKPGMM89	PIC '99'	1741-1742
DOLEY89	PIC '99'	1743-1744
DOLEMM89	PIC '99'	1745-1746
COMPT89	PIC '9'	1747
SRB89	CHAR (3)	1748-1750
BPDYY89	PIC '99'	1751-1752
BPDMM89	PIC '99'	1753-1754
BPDDD89	PIC '99'	1755-1756

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
UNTID89	CHAR (6)	1757-1762
UNTZIP89	CHAR (5)	1763-1767
ASC89	PIC '99'	1768-1769
ENSLRV89	PIC '9'	1770
RE89	CHAR (2)	1771-1772
ISC89	PIC '999'	1773-1775
SPDTYY89	PIC '99'	1776-1777
SPDTMM89	PIC '99'	1778-1779
SPDTDD89	PIC '99'	1780-1781
SPD89	CHAR (3)	1782-1784
SQTMOS89	CHAR (3)	1785-1787
SLEVEL89	PIC '9'	1788
VERS89	PIC '9'	1789
SQTSCR89	PIC '999'	1790-1792
GTSCR89	PIC '999'	1793-1795
ASVYY89	PIC '99'	1796-1797
ASVMM89	PIC '99'	1798-1799
NCOES89	CHAR (1)	1800
EFMP89	PIC '9'	1801
DERSYY89	PIC '99'	1802-1803
DERSMM89	PIC '99'	1804-1805
DERSDD89	PIC '99'	1806-1807
DLPYY89	PIC '99'	1808-1809
DLPMM89	PIC '99'	1810-1811
DLPDD89	PIC '99'	1812-1813
DROSY89	PIC '99'	1814-1815
DROSMM89	PIC '99'	1816-1817
CITIZ89	CHAR (1)	1818
CLANG89	CHAR (2)	1819-1820
ENLOP89	CHAR (4)	1821-1824
TERMS89	CHAR (1)	1825
PSVCI89	PIC '9'	1826
ADPAY89	CHAR (1)	1827
PROPAS89	PIC '9'	1828
PROPT89	CHAR (3)	1829-1831
PROPY89	PIC '99'	1832-1833
PROPM89	PIC '99'	1834-1835
PRVPT89	CHAR (3)	1836-1838
PRPTY89	PIC '99'	1839-1840
PRPTMM89	PIC '99'	1841-1842
DPOC90	PIC '999'	1843-1845
DDOC90	PIC '999'	1846-1848
HYEC90	PIC '99'	1849-1850
PYGRD90	PIC '99'	1851-1852
MARST90	PIC '9'	1853

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
NOD90	PIC '9'	1854
PMOS90	CHAR (3)	1855-1857
PSKID190	CHAR (1)	1858
PSKID290	CHAR (1)	1859
DMOS90	CHAR (3)	1860-1862
DSKID190	CHAR (1)	1863
DSKID290	PIC '9'	1864
CMF90	PIC '99'	1865-1866
ASI90	CHAR (2)	1867-1868
BSDYY90	PIC '99'	1869-1870
BSDMM90	PIC '99'	1871-1872
BSDDD90	PIC '99'	1873-1874
ETYY90	PIC '99'	1875-1876
ETMM90	PIC '99'	1877-1878
RKPGYY90	PIC '99'	1879-1880
RKPGMM90	PIC '99'	1881-1882
DOLEY90	PIC '99'	1883-1884
DOLEMM90	PIC '99'	1885-1886
COMPT90	PIC '9'	1887
SRB90	CHAR (3)	1888-1890
BPDYY90	PIC '99'	1891-1892
BPDMM90	PIC '99'	1893-1894
BPDDD90	PIC '99'	1895-1896
UNTID90	CHAR (6)	1897-1902
UNTZIP90	CHAR (5)	1903-1907
ASC90	PIC '99'	1908-1909
ENSLRV90	PIC '9'	1910
RE90	CHAR (2)	1911-1912
ISC90	PIC '999'	1913-1915
SPDTYY90	PIC '99'	1916-1917
SPDTMM90	PIC '99'	1918-1919
SPDTDD90	PIC '99'	1920-1921
SPD90	CHAR (3)	1922-1924
SQTMOS90	CHAR (3)	1925-1927
SLEVEL90	PIC '9'	1928
VERS90	PIC '9'	1929
SQTSCR90	PIC '999'	1930-1932
GTSCR90	PIC '999'	1933-1935
ASVYY90	PIC '99'	1936-1937
ASVMM90	PIC '99'	1938-1939
NCOES90	CHAR (1)	1940
EFMP90	PIC '9'	1941
DERSYY90	PIC '99'	1942-1943
DERSMM90	PIC '99'	1944-1945

<u>VARIABLE</u>	<u>TYPE</u>	<u>POSITION</u>
DERSDD90	PIC '99'	1946-1947
DLPYY90	PIC '99'	1948-1949
DLPMM90	PIC '99'	1950-1951
DLPDD90	PIC '99'	1952-1953
DROSY90	PIC '99'	1954-1955
DROSMM90	PIC '99'	1956-1957
CITIZ90	CHAR (1)	1958
CLANG90	CHAR (2)	1959-1960
ENLOP90	CHAR (4)	1961-1964
TERMS90	CHAR (1)	1965
PSVCI90	PIC '9'	1966
ADPAY90	CHAR (1)	1967
PROPAS90	PIC '9'	1968
PROPT90	CHAR (3)	1969-1971
PROPY90	PIC '99'	1972-1973
PROPM90	PIC '99'	1974-1975
PRVPT90	CHAR (3)	1976-1978
PRPTY90	PIC '99'	1979-1980
PRPTMM90	PIC '99'	1981-1982
MFLAG74	PIC '9'	1983
MFLAG75	PIC '9'	1984
MFLAG76	PIC '9'	1985
MFLAG77	PIC '9'	1986
MFLAG78	PIC '9'	1987
MFLAG79	PIC '9'	1988
MFLAG80	PIC '9'	1989
MFLAG81	PIC '9'	1990
MFLAG82	PIC '9'	1991
MFLAG83	PIC '9'	1992
MFLAG84	PIC '9'	1993
MFLAG85	PIC '9'	1994
MFLAG86	PIC '9'	1995
MFLAG87	PIC '9'	1996
MFLAG88	PIC '9'	1997
MFLAG89	PIC '9'	1998
MFLAG90	PIC '9'	1999
LFLAG74	PIC '9'	2000
LFLAG75	PIC '9'	2001
LFLAG76	PIC '9'	2002
LFLAG77	PIC '9'	2003
LFLAG78	PIC '9'	2004
LFLAG79	PIC '9'	2005
LFLAG80	PIC '9'	2006
LFLAG81	PIC '9'	2007