**Codebook for sofr.sas7bdat**

Observations 71701

Alphabetic List of Variables and Attributes

# Variable Type Len Format Label

16 NSAMP Num 5 6. Stratum Sample Count

17 NSTRAT Num 5 6. Stratum Population Count

6 RA008 Num 3 RA008\_. Retention intention

7 RA115 Num 3 RA115\_. Preparation rating

8 RA118 Num 3 RA118\_. Stress rating

4 RA006A Num 3 RA006A\_. Satisfaction with compensation

5 RA006B Num 3 RA006B\_. Satisfaction with type of work

10 RA112RA Num 3 RA020\_. Days in compensated status

1 REC\_ID Num 8 Unique Record Identification Number

2 RESPSTAT Num 3 Final Respondent Status Code

9 SRED Num 3 SRED\_. Highest level of school

3 SRMARST Num 3 SRMARST\_. Marital status

19 STRATUM Num 8 Design stratum

18 V\_STRAT Num 8 16. Variance estimation stratum

12 XACT2R Num 3 XACT2R\_. Length of activation in last 24 months

15 XCPAY1R Num 3 XCPAY1R\_. Pay grade

13 XRETH4R Num 3 XRETH4R\_. Race/ethnicity

14 XSEXR Num 3 XSEXR\_. Gender

11 XSRRCR Num 3 XSRRCR\_. Service

**Frequencies of variables in the file**

Retention intention

Cumulative Cumulative

RA008 Frequency Percent Frequency Percent

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1 Very unlikely 1348 5.22 1348 5.22

2 Unlikely 2315 8.97 3663 14.19

3 Neither likely nor unlikely 2053 7.95 5716 22.15

4 Likely 8360 32.39 14076 54.54

5 Very likely 11732 45.46 25808 100.00

Frequency Missing = 45893

Preparation rating

Cumulative Cumulative

RA115 Frequency Percent Frequency Percent

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1 Very poorly prepared 288 1.14 288 1.14

2 Poorly prepared 815 3.22 1103 4.36

3 Neither well nor poorly prepared 3059 12.10 4162 16.46

4 Well prepared 11231 44.42 15393 60.89

5 Very well prepared 9889 39.11 25282 100.00

Frequency Missing = 46419

Stress rating

Cumulative Cumulative

RA118 Frequency Percent Frequency Percent

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1 Much less than usual 901 3.58 901 3.58

2 Less than usual 2532 10.05 3433 13.63

3 About the same as usual 10584 42.02 14017 55.65

4 More than usual 8323 33.05 22340 88.70

5 Much more than usual 2846 11.30 25186 100.00

Frequency Missing = 46515

Satisfaction with compensation

Cumulative Cumulative

RA006A Frequency Percent Frequency Percent

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1 Very dissatisfied 934 3.63 934 3.63

2 Dissatisfied 3657 14.19 4591 17.82

3 Neither satisfied nor dissatisfied 4359 16.92 8950 34.74

4 Satisfied 13463 52.25 22413 86.99

5 Very satisfied 3352 13.01 25765 100.00

Frequency Missing = 45936

Satisfaction with type of work

Cumulative Cumulative

RA006B Frequency Percent Frequency Percent

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1 Very dissatisfied 689 2.68 689 2.68

2 Dissatisfied 1888 7.35 2577 10.03

3 Neither satisfied nor dissatisfied 3076 11.97 5653 22.00

4 Satisfied 12810 49.85 18463 71.85

5 Very satisfied 7232 28.15 25695 100.00

Frequency Missing = 46006

Final Respondent Status Code

Cumulative Cumulative

RESPSTAT Frequency Percent Frequency Percent

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1 Questionnaire Returned-Completed 25539 35.62 25539 35.62

2 Questionnaire Returned-(Sufficient) Partial Complete 20 0.03 25559 35.65

3 Questionnaire Returned-(Insufficient) Partial Complete 524 0.73 26083 36.38

4 Questionnaire Returned-Ineligible 503 0.70 26586 37.08

5 Questionnaire Returned-Blank 97 0.14 26683 37.21

18 No Return-Deceased 9 0.01 26692 37.23

19 No Return-Incarcerated 2 0.00 26694 37.23

22 No Return-Separated/Retired 35 0.05 26729 37.28

23 No Return-Active Refusal 193 0.27 26922 37.55

25 No Return-Other 8 0.01 26930 37.56

26 No Return-Eligible based on administrative records 39872 55.61 66802 93.17

27 Postal Non-delivery 1339 1.87 68141 95.03

29 Not Locatable 6 0.01 68147 95.04

35 Ineligible-No Questionnaire Sent 3554 4.96 71701 100.00

Highest level of school

Cumulative Cumulative

SRED Frequency Percent Frequency Percent

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1 12 years or less of school (no diploma) 146 0.59 146 0.59

2 High school graduate, high school diploma or equivalent 2060 8.34 2206 8.93

3 Some college credit, but less than 1 year 2466 9.98 4672 18.91

4 1 or more years of college, no degree 4969 20.11 9641 39.01

5 Associate degree (e.g., AA, AS) 2400 9.71 12041 48.73

6 Bachelor’s degree (e.g., BA, AB, BS) 7758 31.39 19799 80.12

7 Master’s, doctoral or professional school degree 4913 19.88 24712 100.00

Frequency Missing = 46989

Marital status

Cumulative Cumulative

SRMARST Frequency Percent Frequency Percent

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1 Married 17174 66.14 17174 66.14

2 Separated 403 1.55 17577 67.69

3 Divorced 2579 9.93 20156 77.62

4 Widowed 75 0.29 20231 77.91

5 Never Married 5736 22.09 25967 100.00

Frequency Missing = 45734

Length of activation in last 24 months

Cumulative Cumulative

XACT2R Frequency Percent Frequency Percent

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1 Activated 30 Days or Less 618 2.42 618 2.42

2 Activated More Than 30 Days 13064 51.19 13682 53.61

3 Not activated 11840 46.39 25522 100.00

Frequency Missing = 46179

Pay grade

Cumulative Cumulative

XCPAY1R Frequency Percent Frequency Percent

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1 E1-E3 9381 13.17 9381 13.17

2 E4 18483 25.96 27864 39.13

3 E5-E6 16969 23.83 44833 62.96

4 E7-E9 6323 8.88 51156 71.84

5 W1-W5 2476 3.48 53632 75.32

6 O1-O3 7418 10.42 61050 85.74

7 O4-O6 10156 14.26 71206 100.00

Frequency Missing = 495

Race/ethnicity

Cumulative Cumulative

XRETH4R Frequency Percent Frequency Percent

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1 NonHispanic White 40486 56.86 40486 56.86

2 Minority 30720 43.14 71206 100.00

Frequency Missing = 495

Gender

Cumulative Cumulative

XSEXR Frequency Percent Frequency Percent

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1 Male 59263 83.23 59263 83.23

2 Female 11943 16.77 71206 100.00

Frequency Missing = 495

Service

Cumulative Cumulative

XSRRCR Frequency Percent Frequency Percent

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1 Army National Guard 16366 22.83 16366 22.83

2 Army Reserve 14507 20.23 30873 43.06

3 Navy Reserve 9177 12.80 40050 55.86

4 Marine Corp Reserve 12325 17.19 52375 73.05

5 Air National Guard 9564 13.34 61939 86.39

6 Air Force Reserve 9267 12.92 71206 99.31

8 No reserve component 495 0.69 71701 100.00

The UNIVARIATE Procedure

Variable: RA112RA (Days in compensated status)

Moments

N 17996 Sum Weights 17996

Mean 78.1250278 Sum Observations 1405938

Std Deviation 104.08376 Variance 10833.4291

Skewness 1.71500556 Kurtosis 1.7880269

Uncorrected SS 304786502 Corrected SS 194947557

Coeff Variation 133.227165 Std Error Mean 0.77588076

Basic Statistical Measures

Location Variability

Mean 78.12503 Std Deviation 104.08376

Median 35.00000 Variance 10833

Mode 0.00000 Range 365.00000

Interquartile Range 80.00000

Tests for Location: Mu0=0

Test -Statistic- -----p Value------

Student's t t 100.6921 Pr > |t| <.0001

Sign M 7719.5 Pr >= |M| <.0001

Signed Rank S 59594540 Pr >= |S| <.0001

Quantiles (Definition 5)

Quantile Estimate

100% Max 365

99% 365

95% 365

90% 260

75% Q3 93

50% Median 35

25% Q1 13

10% 0

5% 0

1% 0

0% Min 0

Extreme Observations

----Lowest---- ----Highest---

Value Obs Value Obs

0 70996 365 70880

0 70990 365 70929

0 70978 365 70954

0 70970 365 70963

0 70966 365 70993

Missing Values

-----Percent Of-----

Missing Missing

Value Count All Obs Obs

. 1087 1.52 2.02

B 45018 62.79 83.82

I 31 0.04 0.06

N 7569 10.56 14.09

Total 53705 74.90 100.00