**Appendix 1. Code Processes on SAS 9.4 Version**

\* TABLE 1;

\* Import data set'2023 NHIS';

**PROC** **IMPORT** datafile='C:\Users\yue\_yan1\Desktop\adult23.csv'

OUT=work.adult23 DBMS=csv;

GETNAMES=yes;

**RUN**;

**PROC** **CONTENTS** data=adult23;

**RUN**;

\*\* 29,522 obs and 647 variables;

/\*create permanent 'adult23' which contains all obs and variables\*/

LIBNAME Final 'C:\Users\yue\_yan1\Desktop\Final';

**DATA** final.adult23;

SET work.adult23;

**RUN**;

/\*all variabels used as independent and dependent variables\*/

**PROC** **FREQ** data=adult23;

TITLE 'Frequencies on Independent and Dependent Variables';

TABLES DISAB3\_A VISIONDF\_A HEARINGDF\_A EMPWRKFT1\_A EMPWKHRS3\_A EMPLSTWOR1\_A EMPWHYNOT\_A;

**RUN**;

/\*all variables used as covariates\*/

**PROC** **FREQ** data=adult23;

TITLE 'Frequencies on Covariates';

TABLES AGEP\_A SEX\_A EDUCP\_A HISPALLP\_A REGION;

**RUN**;

title;

**DATA** final (KEEP=PPSU PSTRAT WTFA\_A DISAB3\_A VISIONDF\_A HEARINGDF\_A EMPWRKFT1\_A EMPWKHRS3\_A EMPLSTWOR1\_A EMPWHYNOT\_A AGEP\_A SEX\_A EDUCP\_A HISPALLP\_A REGION);

SET adult23;

**RUN**;

\*\* 29,522 obs and 15 variables;

/\*create permanent 'final' which contains all obs and 15 variables only used for this study\*/

**DATA** final.final;

SET work.final;

**RUN**;

\* Narrow the age group;

**DATA** final\_age;

SET final;

WHERE **18**<= AGEP\_A < **65**;

**RUN**;

**PROC** **PRINT** data=final\_age (obs=**15**);

**RUN**;

**PROC** **CONTENTS** data=final\_age;

TITLE 'Adults aged 18-64 years (working-age population)';

**RUN**;

\*\* 19,781 obs and 15 variables;

title;

/\*create permanent 'final\_age' which contains 19,781 obs and 15 variables used for this study\*/

**DATA** final.final\_age;

SET work.final\_age;

**RUN**;

**DATA** final\_variables;

SET final\_age;

/\* Employment Status--Employed/Unemployed\*/

IF EMPWRKFT1\_A IN (**1**,**2**,**7**,**8**,**9**) THEN Employed = **1**;

ELSE Employed = **0**;

/\*Employed--Work load Status\*/

IF **0** < EMPWKHRS3\_A <= **20** THEN Workload = **1**;

IF **20** < EMPWKHRS3\_A <= **40** THEN Workload = **2**;

IF **40** < EMPWKHRS3\_A <= **60** THEN Workload = **3**;

IF **60** < EMPWKHRS3\_A <= **80** THEN Workload = **4**;

IF **80** < EMPWKHRS3\_A <= **95** THEN Workload = **5**;

IF EMPWKHRS3\_A in (**97**,**98**,**99**) THEN Workload = **.**;

/\* Unemployment--how long\*/

IF EMPLSTWOR1\_A = **1** AND EMPWHYNOT\_A ~= **3** THEN Unemployed\_time =**1**;

IF EMPLSTWOR1\_A = **2** AND EMPWHYNOT\_A ~= **3** THEN Unemployed\_time =**2**;

IF EMPLSTWOR1\_A = **3** AND EMPWHYNOT\_A ~= **3** THEN Unemployed\_time = **3**;

IF EMPLSTWOR1\_A = **4** AND EMPWHYNOT\_A ~= **3** THEN Unemployed\_time = **4**;

IF EMPLSTWOR1\_A in (**7**,**8**,**9**) AND EMPWHYNOT\_A ~= **3** THEN Unemployed\_time = **.**;

IF EMPWHYNOT\_A = **3** THEN Unemployed\_time = **5**;

/\*Sex\*/

IF SEX\_A = **1** THEN Sex = **1**;

IF SEX\_A = **2** THEN Sex = **2**;

IF SEX\_A in (**7**,**9**) THEN Sex = **.**;

/\*Ethnicity\*/

IF HISPALLP\_A = **1** THEN Ethnicity = **1**;

IF HISPALLP\_A = **2** THEN Ethnicity = **2**;

IF HISPALLP\_A = **3** THEN Ethnicity = **3**;

IF HISPALLP\_A = **4** THEN Ethnicity = **4**;

IF HISPALLP\_A = **5** THEN Ethnicity = **5**;

IF HISPALLP\_A in (**6**,**7**) THEN Ethnicity = **.**;

/\*Education\*/

IF EDUCP\_A in (**1**,**2**,**3**) THEN Education = **1**;

IF EDUCP\_A = **4** THEN Education = **2**;

IF EDUCP\_A = **5** THEN Education = **3**;

IF EDUCP\_A in (**6**,**7**) THEN Education = **4**;

IF EDUCP\_A = **8** THEN Education = **5**;

IF EDUCP\_A in (**9**,**10**) THEN Education = **6**;

IF EDUCP\_A in (**97**,**99**) THEN Education = **.**;

/\*Region\*/

IF REGION = **1** THEN Region\_US = **1**;

IF REGION = **2** THEN Region\_US = **2**;

IF REGION = **3** THEN Region\_US = **3**;

IF REGION = **4** THEN Region\_US = **4**;

/\*Disabilities Status\*/

IF DISAB3\_A = **1** THEN Disabilities = **1**;

IF DISAB3\_A = **2** THEN Disabilities = **0**;

IF DISAB3\_A = **9** THEN Disabilities = **.**;

/\*Disabilities level -- Vision\*/

IF VISIONDF\_A = **1** THEN Vision = **1**;

IF VISIONDF\_A = **2** THEN Vision = **2**;

IF VISIONDF\_A = **3** THEN Vision = **3**;

IF VISIONDF\_A = **4** THEN Vision = **4**;

IF VISIONDF\_A in (**7**,**9**) THEN Vision = **.**;

/\*Disabilities level -- Hearing\*/

IF HEARINGDF\_A = **1** THEN Hearing = **1**;

IF HEARINGDF\_A = **2** THEN Hearing = **2**;

IF HEARINGDF\_A = **3** THEN Hearing = **3**;

IF HEARINGDF\_A = **4** THEN Hearing = **4**;

IF HEARINGDF\_A in (**7**,**9**) THEN Hearing = **.**;

**RUN**;

**PROC** **CONTENTS** data=final\_variables;

**RUN**;

\*\* 19,781 obs and 25 variables;

/\*set up new formats on names of variables\*/

**PROC** **FORMAT**;

VALUE Employed **1**= 'yes'

**0**= 'No';

VALUE Workload **1**= 'Part-time or minimal work'

**2**= 'Standard full-time'

**3**= 'Above-average workload'

**4**= 'High workload'

**5**= 'Extreme high workload';

VALUE Unemployed\_time **1**= 'Within the past 12 months'

**2**= '1-5 years ago'

**3**= 'Over 5 years ago'

**4**= 'Never worked'

**5**= 'retired';

VALUE Sex **1**= 'Male'

**2**= 'Female';

VALUE Ethnicity **1**= 'Hispanic'

**2**= 'White'

**3**= 'Black/African American only'

**4**= 'Asian'

**5**= 'American Indian or Alaska Native';

VALUE Education **1**= 'Less than high school'

**2**= 'High school completion'

**3**= 'Some college'

**4**= 'Associate degree'

**5**= 'Bachelor degree'

**6**= 'Master or higher degree';

VALUE Region\_US **1**= 'Northeast'

**2**= 'Midwest'

**3**= 'South'

**4**= 'West';

VALUE Disabilities **1**= 'Yes'

**0**= 'No';

VALUE Vision **1**= 'No difficulty'

**2**= 'Some difficulty'

**3**= 'A lot of difficulty'

**4**= 'Cannot see at all';

VALUE Hearing **1**= 'No difficulty'

**2**= 'Some difficulty'

**3**= 'A lot of difficulty'

**4**= 'Cannot see at all';

**RUN**;

**PROC** **PRINT** data=final\_variables (obs=**5**);

FORMAT Employed Employed. Workload Workload. Unemployed\_time Unemployed\_time. Sex Sex. Ethnicity Ethnicity. Education Education. Region\_US Region\_US. Disabilities Disabilities. Vision Vision. Hearing Hearing.;

TITLE 'Study Populations';

**RUN**;

title;

**PROC** **CONTENTS** data=final\_variables;

**RUN**;

\*\* 19,781 obs and 25 variables;

/\*create permanent 'final\_variables' which contains 19,781 obs used for this study and 25 variables\*/

**DATA** final.final\_variables;

SET work.final\_variables;

**RUN**;

/\*Age -- AGEP\_A -- mean & std dev.\*/

**PROC** **MEANS** data=final\_variables;

VAR AGEP\_A;

TITLE 'Unweighted Age';

**RUN**;

**PROC** **SURVEYMEANS** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

VAR AGEP\_A;

TITLE 'Weighted Age';

**RUN**;

title;

/\*Employment status -- Employed -- Employed/Unemployed%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Employed;

TITLE 'Unweighted Employment Status';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed;

TITLE 'Weighted Employment Status';

**RUN**;

title;

/\*Employed -- Workload -- workload status%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Workload;

TITLE 'Unweighted Working Hours (workload)';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Workload;

TITLE 'Weighted Working Hours (workload)';

**RUN**;

title;

/\*Unemployed -- Unemployed\_time -- how long%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Unemployed\_time;

TITLE 'Unweighted last time worked for pay';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Unemployed\_time;

TITLE 'Weighted last time worked for pay';

**RUN**;

title;

/\*Sex -- Sex -- Female/male%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Sex;

TITLE 'Unweighted Sex';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Sex;

TITLE 'Weighted Sex';

**RUN**;

title;

/\*race -- Ethnicity -- %\*/

**PROC** **FREQ** data=final\_variables;

TABLES Ethnicity;

TITLE 'Unweighted Ethnicity';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Ethnicity;

TITLE 'Weighted Ethnicity';

**RUN**;

title;

/\*Education-- Education -- %\*/

**PROC** **FREQ** data=final\_variables;

TABLES Education;

TITLE 'Unweighted Education Attainment';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Education;

TITLE 'Weighted Education Attainment';

**RUN**;

title;

/\*region – Region\_US -- %\*/

**PROC** **FREQ** data=final\_variables;

TABLES Region\_US;

TITLE 'Unweighted Region';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Region\_US;

TITLE 'Weighted Region';

**RUN**;

title;

/\*Disabilities -- %\*/

**PROC** **FREQ** data=final\_variables;

TABLES Disabilities;

TITLE 'Unweighted Disabilities';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Disabilities;

TITLE 'Weighted Disabilities';

**RUN**;

title;

/\*Disabilities -- vision--%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Vision;

TITLE 'Unweighted Disabilities (Vision)';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Vision;

TITLE 'Weighted Disabilities (Vision)';

**RUN**;

title;

/\*Disabilities -- Hearing--%\*/

**PROC** **FREQ** data=final\_variables;

TABLES Hearing;

TITLE 'Unweighted Disabilities (Hearing)';

**RUN**;

**PROC** **SURVEYFREQ** data=final\_variables;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Hearing;

TITLE 'Weighted Disabilities (Hearing)';

**RUN**;

title;

**DATA** final\_yueyan (KEEP = PPSU PSTRAT WTFA\_A AGEP\_A Sex Education Ethnicity Region\_US Employed Workload Unemployed\_time Disabilities Vision Hearing);

SET final\_variables;

**RUN**;

**PROC** **CONTENTS** data=final\_yueyan;

**RUN**;

\*\* 19,781 obs and 14 variables;

/\*create permanent 'final\_yueyan' which contains 19,781 obs and all 18 variables used for future study\*/

**DATA** final.final\_yueyan;

SET work.final\_yueyan;

**RUN**;

\* Table 2;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Education / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Education';

**RUN**;

title;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Disabilities / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities';

**RUN**;

title;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Sex / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Sex';

**RUN**;

title;

**PROC** **SURVEYMEANS** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

DOMAIN Employed;

VAR AGEP\_A;

TITLE 'Bivariate Analysis on Assocaition between Employed and Age';

**RUN**;

title;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Ethnicity / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Ethnicity';

**RUN**;

title;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Region\_US / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Region';

**RUN**;

title;

\* Table 2.1;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Vision / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities (Vision)';

**RUN**;

title;

**PROC** **SURVEYFREQ** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

TABLES Employed\*Hearing / row chisq;

TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities (Hearing)';

**RUN**;

title;

\* Table 3;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Education (ref='1')/param=ref;

MODEL Employed (event='1')= education;

TITLE1 'Multivariate Analysis on Education and Employed';

TITLE2 'Ref group on Education: Less than high school';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Disabilities (ref='0')/param=ref;

MODEL Employed (event='1')= Disabilities;

TITLE1 'Multivariate Analysis on Education and Disabilities';

TITLE2 'Ref group on Disabilities: No disabilities';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Vision (ref='1')/param=ref;

MODEL Employed (event='1')= Vision;

TITLE1 'Multivariate Analysis on Education and Disabilities(Vision)';

TITLE2 'Ref group on Disabilities(Vision): No disability';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Hearing (ref='1')/param=ref;

MODEL Employed (event='1')= Hearing;

TITLE1 'Multivariate Analysis on Education and Disabilities(Hearing)';

TITLE2 'Ref group on Disabilities(Hearing): No disability';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Sex (ref='1')/param=ref;

MODEL Employed (event='1')= Sex;

TITLE1 'Multivariate Analysis on Education and Sex';

TITLE2 'Ref group on Sex: Male';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Ethnicity (ref='2')/param=ref;

MODEL Employed (event='1')= Ethnicity;

TITLE1 'Multivariate Analysis on Education and Ethnicity';

TITLE2 'Ref group on Ethnicity: Non-Hispanic White only';

**RUN**;

title;

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Region\_US (ref='3')/param=ref;

MODEL Employed (event='1')= Region\_US;

TITLE1 'Multivariate Analysis on Education and Region';

TITLE2 'Ref group on Region: South';

**RUN**;

title;

/\*Adjusted OR\*/

**PROC** **SURVEYLOGISTIC** data=final\_yueyan;

CLUSTER PPSU;

STRATA PSTRAT;

WEIGHT WTFA\_A;

CLASS Education(ref='1') Sex(ref='1') Disabilities(ref='0') Vision(ref='1') Hearing(ref='1') Ethnicity(ref='2') Region\_US(ref='3')/param=ref;

MODEL Employed (event='1')= Education Sex Disabilities Vision Hearing Ethnicity Region\_US;

TITLE1 'Adjusted Multivariate Analysis on Education and Employed';

**RUN**;

**Appendix 2. Log**

NOTE: Copyright (c) 2016 by SAS Institute Inc., Cary, NC, USA.

NOTE: SAS (r) Proprietary Software 9.4 (TS1M6 DBCS3170)

Licensed to BAYLOR UNIVERSITY - SFA T&R, Site 70110617.

NOTE: This session is executing on the X64\_SRV19 platform.

NOTE: Analytical products:

SAS/STAT 15.1

SAS/ETS 15.1

SAS/IML 15.1

SAS/QC 15.1

NOTE: Additional host information:

X64\_SRV19 WIN 10.0.22621 Server

NOTE: SAS initialization used:

real time 1.26 seconds

cpu time 0.98 seconds

1 \* Import data set'2023 NHIS';

2 PROC IMPORT datafile='C:\Users\yue\_yan1\Desktop\adult23.csv'

3 OUT=work.adult23 DBMS=csv;

4 GETNAMES=yes;

5 RUN;

6 /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

7 \* PRODUCT: SAS

8 \* VERSION: 9.4

9 \* CREATOR: External File Interface

10 \* DATE: 14DEC24

11 \* DESC: Generated SAS Datastep Code

12 \* TEMPLATE SOURCE: (None Specified.)

13 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

14 data WORK.ADULT23 ;

15 %let \_EFIERR\_ = 0; /\* set the ERROR detection macro variable \*/

16 infile 'C:\Users\yue\_yan1\Desktop\adult23.csv' delimiter = ',' MISSOVER DSD lrecl=32767 firstobs=2 ;

17 informat URBRRL best32. ;

18 informat RATCAT\_A best32. ;

19 informat INCTCFLG\_A best32. ;

20 informat IMPINCFLG\_A best32. ;

21 informat LANGSPECR\_A $1. ;

22 informat LANGSOC\_A $1. ;

23 informat LANGDOC\_A $1. ;

24 informat LANGMED\_A $1. ;

25 informat LANGHM\_A $1. ;

26 informat PPSU best32. ;

27 informat PSTRAT best32. ;

28 informat HISPALLP\_A best32. ;

29 informat RACEALLP\_A best32. ;

30 informat DISAB3\_A best32. ;

31 informat SCHDYMSSTC\_A best32. ;

32 informat AFNOW best32. ;

33 informat REPWRKDYTC\_A best32. ;

34 informat YRSINUS\_A $1. ;

35 informat CITZNSTP\_A best32. ;

36 informat PRTNREDUCP\_A best32. ;

37 informat SPOUSEDUCP\_A best32. ;

38 informat LEGMSTAT\_A best32. ;

39 informat MARSTAT\_A best32. ;

40 informat SASPPRACE\_A best32. ;

41 informat SASPPHISP\_A best32. ;

42 informat PRTNRAGETC\_A best32. ;

43 informat SPOUSAGETC\_A best32. ;

44 informat PRTNRWKFT\_A best32. ;

45 informat PRTNRWRK\_A best32. ;

46 informat SPOUSWKFT\_A best32. ;

47 informat SPOUSWRK\_A best32. ;

48 informat SPOUSESEX\_A best32. ;

49 informat PRTNRSEX\_A best32. ;

50 informat INJWRKDYTC\_A $1. ;

51 informat NUMINJTC\_A $1. ;

52 informat SHINGYEARP\_A best32. ;

53 informat HHRESPSA\_FLG best32. ;

54 informat PCNTADWFP1\_A best32. ;

55 informat PCNTADWKP1\_A best32. ;

56 informat FDSCAT4\_A best32. ;

57 informat FDSCAT3\_A best32. ;

58 informat EPINUMSEZP\_A $1. ;

59 informat EMPDYSMSS3\_A best32. ;

60 informat EMPLSTWOR1\_A best32. ;

61 informat EMPWRKFT1\_A best32. ;

62 informat EMPWRKLSW1\_A best32. ;

63 informat EMPWKHRS3\_A best32. ;

64 informat EMDOCCUPN2\_A best32. ;

65 informat EMDOCCUPN1\_A best32. ;

66 informat EMDINDSTN2\_A best32. ;

67 informat EMDINDSTN1\_A best32. ;

68 informat DIBAGETC\_A best32. ;

69 informat DIFYRSTC1\_A best32. ;

70 informat SMKECIGST\_A best32. ;

71 informat SMKCIGST\_A best32. ;

72 informat BMICAT\_A best32. ;

73 informat WEIGHTLBTC\_A best32. ;

74 informat HEIGHTTC\_A best32. ;

75 informat URGNT12MTC\_A best32. ;

76 informat EMERG12MTC\_A best32. ;

77 informat DIBA1CNMT\_A best32. ;

78 informat PCNT18UPTC best32. ;

79 informat PCNTLT18TC best32. ;

80 informat PHQ2SCREEN\_A best32. ;

81 informat GAD2SCREEN\_A best32. ;

82 informat COVER65\_A best32. ;

83 informat COVER\_A best32. ;

84 informat EXCHANGE\_A best32. ;

85 informat NOTCOV\_A best32. ;

86 informat MILSPC1R\_A best32. ;

87 informat OGFLG\_A $1. ;

88 informat OPFLG\_A $1. ;

89 informat CHFLG\_A $1. ;

90 informat MAFLG\_A $1. ;

91 informat PLNWRKR2\_A $1. ;

92 informat PLNWRKR1\_A best32. ;

93 informat RSNHIMISS\_A best32. ;

94 informat RSNHIJOB\_A best32. ;

95 informat MCADVR\_A best32. ;

96 informat PRFLG\_A $1. ;

97 informat PLEXCHPR1\_A $1. ;

98 informat PRPREM1\_A $1. ;

99 informat PXCHNG1\_A $1. ;

100 informat HICOSTR2\_A $1. ;

101 informat HICOSTR1\_A best32. ;

102 informat OTHGOV\_A best32. ;

103 informat OTHPUB\_A best32. ;

104 informat IHS\_A best32. ;

105 informat MILITARY\_A best32. ;

106 informat CHIP\_A best32. ;

107 informat MEDICAID\_A best32. ;

108 informat MEDICARE\_A best32. ;

109 informat PRIVATE\_A best32. ;

110 informat PRPLCOV1\_C\_A $1. ;

111 informat PRPLCOV2\_C\_A $1. ;

112 informat PLEXCHOG\_A $1. ;

113 informat PLEXCHOP\_A $1. ;

114 informat EXCHPR2\_A $1. ;

115 informat EXCHPR1\_A best32. ;

116 informat EDUCP\_A best32. ;

117 informat MAXEDUCP\_A best32. ;

118 informat PARSTAT\_A best32. ;

119 informat SAPARENTSC\_A best32. ;

120 informat MLTFAMFLG\_A best32. ;

121 informat OVER65FLG\_A best32. ;

122 informat PCNTADLT\_A best32. ;

123 informat PCNTKIDS\_A best32. ;

124 informat NUMCAN\_A best32. ;

125 informat COLRCAGETC\_A $1. ;

126 informat HDNCKAGETC\_A $1. ;

127 informat OTHERAGETC\_A best32. ;

128 informat UTERUAGETC\_A $1. ;

129 informat THYROAGETC\_A $1. ;

130 informat THROAAGETC\_A $1. ;

131 informat STOMAAGETC\_A $1. ;

132 informat SKNDKAGETC\_A $1. ;

133 informat SKNNMAGETC\_A best32. ;

134 informat SKNMAGETC\_A $1. ;

135 informat RECTUAGETC\_A $1. ;

136 informat PROSTAGETC\_A $1. ;

137 informat PANCRAGETC\_A $1. ;

138 informat OVARYAGETC\_A $1. ;

139 informat MOUTHAGETC\_A $1. ;

140 informat MELANAGETC\_A $1. ;

141 informat LYMPHAGETC\_A $1. ;

142 informat LUNGAGETC\_A $1. ;

143 informat LIVERAGETC\_A $1. ;

144 informat LEUKEAGETC\_A $1. ;

145 informat LARYNAGETC\_A $1. ;

146 informat GALLBAGETC\_A $1. ;

147 informat ESOPHAGETC\_A $1. ;

148 informat COLONAGETC\_A $1. ;

149 informat CERVIAGETC\_A $1. ;

150 informat BREASAGETC\_A $1. ;

151 informat BRAINAGETC\_A $1. ;

152 informat BONEAGETC\_A $1. ;

153 informat BLOODAGETC\_A $1. ;

154 informat BLADDAGETC\_A $1. ;

155 informat OTHERCANP\_A best32. ;

156 informat COLRCCAN\_A best32. ;

157 informat HDNCKCAN\_A best32. ;

158 informat UTERUCAN\_A best32. ;

159 informat THYROCAN\_A best32. ;

160 informat THROACAN\_A best32. ;

161 informat STOMACAN\_A best32. ;

162 informat SKNDKCAN\_A best32. ;

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164 informat SKNMCAN\_A best32. ;

165 informat RECTUCAN\_A best32. ;

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167 informat PANCRCAN\_A best32. ;

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183 informat BLOODCAN\_A best32. ;

184 informat BLADDCAN\_A best32. ;

185 informat HISDETP\_A best32. ;

186 informat HISP\_A best32. ;

187 informat REGION best32. ;

188 informat INTV\_QRT best32. ;

189 informat SRVY\_YR best32. ;

190 informat SEX\_A best32. ;

191 informat AGEP\_A best32. ;

192 informat AGE65 $1. ;

193 informat ASTATNEW best32. ;

194 informat MENTHOLC\_A $1. ;

195 informat CEVOTELC\_A best32. ;

196 informat CEMMETNG\_A best32. ;

197 informat TRANSPOR\_A best32. ;

198 informat HOUSECOST\_A best32. ;

199 informat HOUGVASST\_A best32. ;

200 informat HOUTENURE\_A best32. ;

201 informat HOUYRSLIV\_A best32. ;

202 informat FDSNEDAYS\_A $1. ;

203 informat FDSNOTEAT\_A best32. ;

204 informat FDSWEIGHT\_A best32. ;

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207 informat FDSSKIPDYS\_A $1. ;

208 informat FDSSKIP\_A best32. ;

209 informat FDSBALANCE\_A best32. ;

210 informat FDSLAST\_A best32. ;

211 informat FDSRUNOUT\_A best32. ;

212 informat FLUNCH12M1\_A best32. ;

213 informat FWIC12M\_A best32. ;

214 informat FSNAP30D\_A best32. ;

215 informat FSNAP12M\_A best32. ;

216 informat INCOTHR\_A best32. ;

217 informat INCRETIRE\_A best32. ;

218 informat INCWELF\_A best32. ;

219 informat SSISSDIDSB\_A best32. ;

220 informat SSISSDIBTH\_A best32. ;

221 informat INCSSISSDI\_A best32. ;

222 informat INCSSRR\_A best32. ;

223 informat INCINTER\_A best32. ;

224 informat INCWRKO\_A best32. ;

225 informat CEVOLUN2\_A best32. ;

226 informat CEVOLUN1\_A best32. ;

227 informat EMDWRKCAT1\_A best32. ;

228 informat EMDSUPER\_A best32. ;

229 informat EMPHEALINS\_A best32. ;

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232 informat EMPWHYNOT\_A best32. ;

233 informat EMPNOWRK\_A best32. ;

234 informat EMPLASTWK\_A best32. ;

235 informat SCHCURENR\_A best32. ;

236 informat NATUSBORN\_A best32. ;

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243 informat EVRMARRIED\_A best32. ;

244 informat SPOUSEP\_A $1. ;

245 informat SPOUSLIV\_A best32. ;

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248 informat HRJBEXPTB\_A best32. ;

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252 informat HRVLOUD12M\_A best32. ;

253 informat HRFIREPROT\_A best32. ;

254 informat HRFIRE12M\_A best32. ;

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257 informat HRJOBPROT\_A best32. ;

258 informat HRLOUDJB12M\_A best32. ;

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261 informat HRTINMEDSP\_A best32. ;

262 informat HRTINPROB\_A best32. ;

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265 informat BFALLTIMES\_A best32. ;

266 informat BFALL12M\_A best32. ;

267 informat BALDHP\_A best32. ;

268 informat BALDPROB\_A best32. ;

269 informat BALDIZZ\_A best32. ;

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311 informat INJFUTWRK\_A $1. ;

312 informat INJSTITCH\_A $1. ;

313 informat INJBONES\_A $1. ;

314 informat INJHOSP\_A $1. ;

315 informat INJER\_A $1. ;

316 informat INJSAWDOC\_A $1. ;

317 informat INJCHORES\_A $1. ;

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322 informat INJMVTYPE1\_A $1. ;

323 informat INJMOTOR\_A $1. ;

324 informat INJFALLWRK\_A $1. ;

325 informat INJFALLHOM\_A $1. ;

326 informat INJFALL\_A $1. ;

327 informat INJSPORTS\_A $1. ;

328 informat INJWORK\_A $1. ;

329 informat INJHOME\_A $1. ;

330 informat INJLIMIT\_A $1. ;

331 informat ANYINJURY\_A best32. ;

332 informat REPWRKCAUS\_A best32. ;

333 informat REPREDUCE\_A best32. ;

334 informat REPSTOPCHG\_A best32. ;

335 informat REPFUTWRK\_A best32. ;

336 informat REPSAWDOC\_A best32. ;

337 informat REPLIMIT\_A best32. ;

338 informat REPSTRAIN\_A best32. ;

339 informat PAITOOTH3M\_A best32. ;

340 informat PAIAPG3M\_A best32. ;

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362 informat MHTHND\_A best32. ;

363 informat MHTHDLY\_A best32. ;

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365 informat MHTHRPY\_A best32. ;

366 informat MHRX\_A best32. ;

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369 informat DEPFREQ\_A best32. ;

370 informat ANXLEVEL\_A best32. ;

371 informat ANXMED\_A best32. ;

372 informat ANXFREQ\_A best32. ;

373 informat HOMEHC12M\_A best32. ;

374 informat THERA12M\_A best32. ;

375 informat EYEEX12M\_A best32. ;

376 informat TRAVEL\_A best32. ;

377 informat WRKHLTHFC\_A best32. ;

378 informat WORKHEALTH\_A best32. ;

379 informat LIVEHEP\_A best32. ;

380 informat SHTHEPB1\_A best32. ;

381 informat TDAPPREG\_A $1. ;

382 informat SHINGRIXFS1\_A best32. ;

383 informat SHINGRIXN3\_A $1. ;

384 informat SHINGRIX3\_A $1. ;

385 informat SHINGWHEN1\_A $1. ;

386 informat SHTSHINGL1\_A best32. ;

387 informat SHTPNEUNB\_A best32. ;

388 informat SHTPNUEV\_A best32. ;

389 informat SHOTTYPE2\_A best32. ;

390 informat CVDVAC1Y1\_A best32. ;

391 informat CVDVAC1M1\_A best32. ;

392 informat SHTCVD19NM1\_A best32. ;

393 informat SHTCVD191\_A best32. ;

394 informat FLUPREG2\_A $1. ;

395 informat FLUPREG\_A $1. ;

396 informat SHTFLUY\_A best32. ;

397 informat SHTFLUM\_A best32. ;

398 informat SHTFLU12M\_A best32. ;

399 informat LIVEBIRTH\_A best32. ;

400 informat PREGFLUYR\_A best32. ;

401 informat FHCANRISK\_A best32. ;

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403 informat FHOVCANEV\_A best32. ;

404 informat FHBCAN50\_A best32. ;

405 informat FHBCANNUM\_A best32. ;

406 informat FHBCANEV\_A best32. ;

407 informat FHCANEV\_A best32. ;

408 informat GTGRISK\_A best32. ;

409 informat GTPOSS1\_A best32. ;

410 informat MRIREA\_A $1. ;

411 informat MRIWHEN\_A $1. ;

412 informat MRIHAD\_A best32. ;

413 informat MAMNOT1\_A best32. ;

414 informat MAMREASON\_A best32. ;

415 informat MAMWHEN\_A best32. ;

416 informat MAMEV\_A best32. ;

417 informat HYSTEV2\_A best32. ;

418 informat CERVICWHEN\_A best32. ;

419 informat CERVICEV1\_A best32. ;

420 informat PSA5YR1\_A best32. ;

421 informat PSAREASON\_A best32. ;

422 informat PSAWHEN\_A best32. ;

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424 informat COLTEST6\_A $1. ;

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431 informat CGUARDWHE1\_A $1. ;

432 informat FITCOLG1\_A best32. ;

433 informat COLOGUARD1\_A best32. ;

434 informat FITHWHEN1\_A best32. ;

435 informat FITHEV1\_A best32. ;

436 informat CTCOLWHEN1\_A best32. ;

437 informat CTCOLEV1\_A best32. ;

438 informat SIGWHEN\_A best32. ;

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444 informat DIBA1CLAST\_A best32. ;

445 informat DIBLAST1\_A best32. ;

446 informat CHOLLAST\_A best32. ;

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448 informat RXDG12M\_A best32. ;

449 informat RXDL12M\_A best32. ;

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451 informat RXSK12M\_A best32. ;

452 informat RX12M\_A best32. ;

453 informat HITTEST\_A best32. ;

454 informat HITCOMM\_A best32. ;

455 informat HITLOOK\_A best32. ;

456 informat ACCSSHOM\_A best32. ;

457 informat ACCSSINT\_A best32. ;

458 informat VIRAPP12M\_A best32. ;

459 informat MEDNG12M\_A best32. ;

460 informat MEDDL12M\_A best32. ;

461 informat HOSPONGT\_A best32. ;

462 informat USPLKIND\_A best32. ;

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464 informat WELLVIS\_A best32. ;

465 informat WELLNESS\_A best32. ;

466 informat LASTDR\_A best32. ;

467 informat DENNG12M\_A best32. ;

468 informat DENDL12M\_A best32. ;

469 informat DENPREV\_A best32. ;

470 informat LCVDACT\_A $1. ;

471 informat SYMPNOW1\_A best32. ;

472 informat LONGCOVD1\_A best32. ;

473 informat EVERCOVD\_A best32. ;

474 informat PAYWORRY\_A best32. ;

475 informat PAYNOBLLNW\_A $1. ;

476 informat PAYBLL12M\_A best32. ;

477 informat HINOTMYR\_A $1. ;

478 informat HINOTYR\_A best32. ;

479 informat RSNHIOTH\_A best32. ;

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481 informat RSNHIMEET\_A best32. ;

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483 informat RSNHIELIG\_A best32. ;

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486 informat HISTOPELIG\_A best32. ;

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494 informat MILSPC2\_A best32. ;

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500 informat OPHDHP\_A $1. ;

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504 informat CHHDHP\_A $1. ;

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511 informat PRDNCOV1\_A best32. ;

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522 informat PLN2PAY4\_A $1. ;

523 informat PLN2PAY3\_A $1. ;

524 informat PLN2PAY2\_A $1. ;

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677 format DISAB3\_A best12. ;

678 format SCHDYMSSTC\_A best12. ;

679 format AFNOW best12. ;

680 format REPWRKDYTC\_A best12. ;

681 format YRSINUS\_A $1. ;

682 format CITZNSTP\_A best12. ;

683 format PRTNREDUCP\_A best12. ;

684 format SPOUSEDUCP\_A best12. ;

685 format LEGMSTAT\_A best12. ;

686 format MARSTAT\_A best12. ;

687 format SASPPRACE\_A best12. ;

688 format SASPPHISP\_A best12. ;

689 format PRTNRAGETC\_A best12. ;

690 format SPOUSAGETC\_A best12. ;

691 format PRTNRWKFT\_A best12. ;

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693 format SPOUSWKFT\_A best12. ;

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695 format SPOUSESEX\_A best12. ;

696 format PRTNRSEX\_A best12. ;

697 format INJWRKDYTC\_A $1. ;

698 format NUMINJTC\_A $1. ;

699 format SHINGYEARP\_A best12. ;

700 format HHRESPSA\_FLG best12. ;

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709 format EMPWRKLSW1\_A best12. ;

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711 format EMDOCCUPN2\_A best12. ;

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714 format EMDINDSTN1\_A best12. ;

715 format DIBAGETC\_A best12. ;

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721 format HEIGHTTC\_A best12. ;

722 format URGNT12MTC\_A best12. ;

723 format EMERG12MTC\_A best12. ;

724 format DIBA1CNMT\_A best12. ;

725 format PCNT18UPTC best12. ;

726 format PCNTLT18TC best12. ;

727 format PHQ2SCREEN\_A best12. ;

728 format GAD2SCREEN\_A best12. ;

729 format COVER65\_A best12. ;

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731 format EXCHANGE\_A best12. ;

732 format NOTCOV\_A best12. ;

733 format MILSPC1R\_A best12. ;

734 format OGFLG\_A $1. ;

735 format OPFLG\_A $1. ;

736 format CHFLG\_A $1. ;

737 format MAFLG\_A $1. ;

738 format PLNWRKR2\_A $1. ;

739 format PLNWRKR1\_A best12. ;

740 format RSNHIMISS\_A best12. ;

741 format RSNHIJOB\_A best12. ;

742 format MCADVR\_A best12. ;

743 format PRFLG\_A $1. ;

744 format PLEXCHPR1\_A $1. ;

745 format PRPREM1\_A $1. ;

746 format PXCHNG1\_A $1. ;

747 format HICOSTR2\_A $1. ;

748 format HICOSTR1\_A best12. ;

749 format OTHGOV\_A best12. ;

750 format OTHPUB\_A best12. ;

751 format IHS\_A best12. ;

752 format MILITARY\_A best12. ;

753 format CHIP\_A best12. ;

754 format MEDICAID\_A best12. ;

755 format MEDICARE\_A best12. ;

756 format PRIVATE\_A best12. ;

757 format PRPLCOV1\_C\_A $1. ;

758 format PRPLCOV2\_C\_A $1. ;

759 format PLEXCHOG\_A $1. ;

760 format PLEXCHOP\_A $1. ;

761 format EXCHPR2\_A $1. ;

762 format EXCHPR1\_A best12. ;

763 format EDUCP\_A best12. ;

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766 format SAPARENTSC\_A best12. ;

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768 format OVER65FLG\_A best12. ;

769 format PCNTADLT\_A best12. ;

770 format PCNTKIDS\_A best12. ;

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775 format UTERUAGETC\_A $1. ;

776 format THYROAGETC\_A $1. ;

777 format THROAAGETC\_A $1. ;

778 format STOMAAGETC\_A $1. ;

779 format SKNDKAGETC\_A $1. ;

780 format SKNNMAGETC\_A best12. ;

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795 format COLONAGETC\_A $1. ;

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831 format BLADDCAN\_A best12. ;

832 format HISDETP\_A best12. ;

833 format HISP\_A best12. ;

834 format REGION best12. ;

835 format INTV\_QRT best12. ;

836 format SRVY\_YR best12. ;

837 format SEX\_A best12. ;

838 format AGEP\_A best12. ;

839 format AGE65 $1. ;

840 format ASTATNEW best12. ;

841 format MENTHOLC\_A $1. ;

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847 format HOUTENURE\_A best12. ;

848 format HOUYRSLIV\_A best12. ;

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853 format FDSLESS\_A best12. ;

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859 format FLUNCH12M1\_A best12. ;

860 format FWIC12M\_A best12. ;

861 format FSNAP30D\_A best12. ;

862 format FSNAP12M\_A best12. ;

863 format INCOTHR\_A best12. ;

864 format INCRETIRE\_A best12. ;

865 format INCWELF\_A best12. ;

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867 format SSISSDIBTH\_A best12. ;

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869 format INCSSRR\_A best12. ;

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871 format INCWRKO\_A best12. ;

872 format CEVOLUN2\_A best12. ;

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875 format EMDSUPER\_A best12. ;

876 format EMPHEALINS\_A best12. ;

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878 format EMPWHENWRK\_A best12. ;

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889 format AFVET\_A best12. ;

890 format EVRMARRIED\_A best12. ;

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894 format ORIENT\_A best12. ;

895 format HRJBEXPTB\_A best12. ;

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898 format HRVLDPROT\_A best12. ;

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903 format HRFIREEV\_A best12. ;

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907 format HRLOUDJOB\_A best12. ;

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914 format BALDHP\_A best12. ;

915 format BALDPROB\_A best12. ;

916 format BALDIZZ\_A best12. ;

917 format HRAIDAQR\_A best12. ;

918 format HRTESTLAST\_A best12. ;

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924 format HRWHISP\_A best12. ;

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931 format AVISEXAM\_A best12. ;

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934 format PIPECUR\_A best12. ;

935 format PIPEEV\_A best12. ;

936 format CIGAR30D\_A best12. ;

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953 format TBISPORT\_A $1. ;

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958 format INJFUTWRK\_A $1. ;

959 format INJSTITCH\_A $1. ;

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971 format INJFALLWRK\_A $1. ;

972 format INJFALLHOM\_A $1. ;

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978 format ANYINJURY\_A best12. ;

979 format REPWRKCAUS\_A best12. ;

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1153 format CHPREM\_A $1. ;

1154 format CHXCHNG\_A $1. ;

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1159 format PRRXCOV2\_A $1. ;

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1161 format HSAHRA2\_A $1. ;

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1164 format PRHDHP1\_A best12. ;

1165 format PRDEDUC2\_A $1. ;

1166 format PRDEDUC1\_A best12. ;

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1171 format PLN2PAY2\_A $1. ;

1172 format PLN2PAY1\_A $1. ;

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1181 format PRPOLH2\_A $1. ;

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1224 format COMDIFF\_A best12. ;

1225 format EQSTEPS\_A best12. ;

1226 format EQWLK13M\_A best12. ;

1227 format EQWLK100\_A best12. ;

1228 format NOEQSTEPS\_A best12. ;

1229 format NOEQWLK13M\_A best12. ;

1230 format NOEQWLK100\_A best12. ;

1231 format PERASST\_A best12. ;

1232 format WCHAIR\_A best12. ;

1233 format CANEWLKR\_A best12. ;

1234 format STEPS\_A best12. ;

1235 format WLK13M\_A best12. ;

1236 format WLK100\_A best12. ;

1237 format EQUIP\_A best12. ;

1238 format DIFF\_A best12. ;

1239 format HEARINGDF\_A best12. ;

1240 format HEARAIDFR\_A best12. ;

1241 format HEARAID\_A best12. ;

1242 format VISIONDF\_A best12. ;

1243 format WEARGLSS\_A best12. ;

1244 format PREGNOW\_A best12. ;

1245 format VIMLSCA\_A best12. ;

1246 format VIMCAEV\_A best12. ;

1247 format VIMCSURG\_A best12. ;

1248 format VIMLSMD\_A best12. ;

1249 format VIMMDEV\_A best12. ;

1250 format VIMLSGL\_A best12. ;

1251 format VIMGLEV\_A best12. ;

1252 format VIMLSDR\_A $1. ;

1253 format VIMDREV\_A best12. ;

1254 format EPIDR\_A $1. ;

1255 format EPIMED\_A $1. ;

1256 format EPIEV\_A best12. ;

1257 format HLTHCOND\_A best12. ;

1258 format MEDRXTRT\_A best12. ;

1259 format CFSNOW\_A $1. ;

1260 format CFSEV\_A best12. ;

1261 format PSOREV\_A best12. ;

1262 format ULCCOLEV\_A best12. ;

1263 format CROHNSEV\_A best12. ;

1264 format HEPEV\_A best12. ;

1265 format DEPEV\_A best12. ;

1266 format ANXEV\_A best12. ;

1267 format DEMENEV\_A best12. ;

1268 format ARTHEV\_A best12. ;

1269 format COPDEV\_A best12. ;

1270 format DIBTYPE\_A best12. ;

1271 format DIBINSSTYR\_A $1. ;

1272 format DIBINSSTOP\_A best12. ;

1273 format DIBINSTIME\_A best12. ;

1274 format DIBINS\_A best12. ;

1275 format DIBPILL\_A best12. ;

1276 format DIBEV\_A best12. ;

1277 format GESDIB\_A best12. ;

1278 format PREDIB\_A best12. ;

1279 format CANEV\_A best12. ;

1280 format ASER12M\_A best12. ;

1281 format ASAT12M\_A best12. ;

1282 format ASTILL\_A best12. ;

1283 format ASEV\_A best12. ;

1284 format ASPONOWN\_A best12. ;

1285 format ASPMEDSTP\_A $1. ;

1286 format ASPMEDNOWN\_A best12. ;

1287 format ASPMEDEV\_A best12. ;

1288 format STREV\_A best12. ;

1289 format MIEV\_A best12. ;

1290 format ANGEV\_A best12. ;

1291 format CHDEV\_A best12. ;

1292 format CHLMED\_A best12. ;

1293 format CHL12M\_A best12. ;

1294 format CHLEV\_A best12. ;

1295 format HYPMED\_A best12. ;

1296 format HYP12M\_A best12. ;

1297 format HYPDIF\_A best12. ;

1298 format HYPEV\_A best12. ;

1299 format LSATIS4\_A best12. ;

1300 format PHSTAT\_A best12. ;

1301 format PROXYREL\_A $1. ;

1302 format PROXY\_A $1. ;

1303 format AVAIL\_A best12. ;

1304 format HHSTAT\_A best12. ;

1305 format INTV\_MON best12. ;

1306 format RECTYPE best12. ;

1307 format IMPNUM\_A best12. ;

1308 format WTFA\_A best12. ;

1309 format HHX $7. ;

1310 format POVRATTC\_A best12. ;

1311 input

1312 URBRRL

1313 RATCAT\_A

1314 INCTCFLG\_A

1315 IMPINCFLG\_A

1316 LANGSPECR\_A $

1317 LANGSOC\_A $

1318 LANGDOC\_A $

1319 LANGMED\_A $

1320 LANGHM\_A $

1321 PPSU

1322 PSTRAT

1323 HISPALLP\_A

1324 RACEALLP\_A

1325 DISAB3\_A

1326 SCHDYMSSTC\_A

1327 AFNOW

1328 REPWRKDYTC\_A

1329 YRSINUS\_A $

1330 CITZNSTP\_A

1331 PRTNREDUCP\_A

1332 SPOUSEDUCP\_A

1333 LEGMSTAT\_A

1334 MARSTAT\_A

1335 SASPPRACE\_A

1336 SASPPHISP\_A

1337 PRTNRAGETC\_A

1338 SPOUSAGETC\_A

1339 PRTNRWKFT\_A

1340 PRTNRWRK\_A

1341 SPOUSWKFT\_A

1342 SPOUSWRK\_A

1343 SPOUSESEX\_A

1344 PRTNRSEX\_A

1345 INJWRKDYTC\_A $

1346 NUMINJTC\_A $

1347 SHINGYEARP\_A

1348 HHRESPSA\_FLG

1349 PCNTADWFP1\_A

1350 PCNTADWKP1\_A

1351 FDSCAT4\_A

1352 FDSCAT3\_A

1353 EPINUMSEZP\_A $

1354 EMPDYSMSS3\_A

1355 EMPLSTWOR1\_A

1356 EMPWRKFT1\_A

1357 EMPWRKLSW1\_A

1358 EMPWKHRS3\_A

1359 EMDOCCUPN2\_A

1360 EMDOCCUPN1\_A

1361 EMDINDSTN2\_A

1362 EMDINDSTN1\_A

1363 DIBAGETC\_A

1364 DIFYRSTC1\_A

1365 SMKECIGST\_A

1366 SMKCIGST\_A

1367 BMICAT\_A

1368 WEIGHTLBTC\_A

1369 HEIGHTTC\_A

1370 URGNT12MTC\_A

1371 EMERG12MTC\_A

1372 DIBA1CNMT\_A

1373 PCNT18UPTC

1374 PCNTLT18TC

1375 PHQ2SCREEN\_A

1376 GAD2SCREEN\_A

1377 COVER65\_A

1378 COVER\_A

1379 EXCHANGE\_A

1380 NOTCOV\_A

1381 MILSPC1R\_A

1382 OGFLG\_A $

1383 OPFLG\_A $

1384 CHFLG\_A $

1385 MAFLG\_A $

1386 PLNWRKR2\_A $

1387 PLNWRKR1\_A

1388 RSNHIMISS\_A

1389 RSNHIJOB\_A

1390 MCADVR\_A

1391 PRFLG\_A $

1392 PLEXCHPR1\_A $

1393 PRPREM1\_A $

1394 PXCHNG1\_A $

1395 HICOSTR2\_A $

1396 HICOSTR1\_A

1397 OTHGOV\_A

1398 OTHPUB\_A

1399 IHS\_A

1400 MILITARY\_A

1401 CHIP\_A

1402 MEDICAID\_A

1403 MEDICARE\_A

1404 PRIVATE\_A

1405 PRPLCOV1\_C\_A $

1406 PRPLCOV2\_C\_A $

1407 PLEXCHOG\_A $

1408 PLEXCHOP\_A $

1409 EXCHPR2\_A $

1410 EXCHPR1\_A

1411 EDUCP\_A

1412 MAXEDUCP\_A

1413 PARSTAT\_A

1414 SAPARENTSC\_A

1415 MLTFAMFLG\_A

1416 OVER65FLG\_A

1417 PCNTADLT\_A

1418 PCNTKIDS\_A

1419 NUMCAN\_A

1420 COLRCAGETC\_A $

1421 HDNCKAGETC\_A $

1422 OTHERAGETC\_A

1423 UTERUAGETC\_A $

1424 THYROAGETC\_A $

1425 THROAAGETC\_A $

1426 STOMAAGETC\_A $

1427 SKNDKAGETC\_A $

1428 SKNNMAGETC\_A

1429 SKNMAGETC\_A $

1430 RECTUAGETC\_A $

1431 PROSTAGETC\_A $

1432 PANCRAGETC\_A $

1433 OVARYAGETC\_A $

1434 MOUTHAGETC\_A $

1435 MELANAGETC\_A $

1436 LYMPHAGETC\_A $

1437 LUNGAGETC\_A $

1438 LIVERAGETC\_A $

1439 LEUKEAGETC\_A $

1440 LARYNAGETC\_A $

1441 GALLBAGETC\_A $

1442 ESOPHAGETC\_A $

1443 COLONAGETC\_A $

1444 CERVIAGETC\_A $

1445 BREASAGETC\_A $

1446 BRAINAGETC\_A $

1447 BONEAGETC\_A $

1448 BLOODAGETC\_A $

1449 BLADDAGETC\_A $

1450 OTHERCANP\_A

1451 COLRCCAN\_A

1452 HDNCKCAN\_A

1453 UTERUCAN\_A

1454 THYROCAN\_A

1455 THROACAN\_A

1456 STOMACAN\_A

1457 SKNDKCAN\_A

1458 SKNNMCAN\_A

1459 SKNMCAN\_A

1460 RECTUCAN\_A

1461 PROSTCAN\_A

1462 PANCRCAN\_A

1463 OVARYCAN\_A

1464 MOUTHCAN\_A

1465 MELANCAN\_A

1466 LYMPHCAN\_A

1467 LUNGCAN\_A

1468 LIVERCAN\_A

1469 LEUKECAN\_A

1470 LARYNCAN\_A

1471 GALLBCAN\_A

1472 ESOPHCAN\_A

1473 COLONCAN\_A

1474 CERVICAN\_A

1475 BREASCAN\_A

1476 BRAINCAN\_A

1477 BONECAN\_A

1478 BLOODCAN\_A

1479 BLADDCAN\_A

1480 HISDETP\_A

1481 HISP\_A

1482 REGION

1483 INTV\_QRT

1484 SRVY\_YR

1485 SEX\_A

1486 AGEP\_A

1487 AGE65 $

1488 ASTATNEW

1489 MENTHOLC\_A $

1490 CEVOTELC\_A

1491 CEMMETNG\_A

1492 TRANSPOR\_A

1493 HOUSECOST\_A

1494 HOUGVASST\_A

1495 HOUTENURE\_A

1496 HOUYRSLIV\_A

1497 FDSNEDAYS\_A $

1498 FDSNOTEAT\_A

1499 FDSWEIGHT\_A

1500 FDSHUNGRY\_A

1501 FDSLESS\_A

1502 FDSSKIPDYS\_A $

1503 FDSSKIP\_A

1504 FDSBALANCE\_A

1505 FDSLAST\_A

1506 FDSRUNOUT\_A

1507 FLUNCH12M1\_A

1508 FWIC12M\_A

1509 FSNAP30D\_A

1510 FSNAP12M\_A

1511 INCOTHR\_A

1512 INCRETIRE\_A

1513 INCWELF\_A

1514 SSISSDIDSB\_A

1515 SSISSDIBTH\_A

1516 INCSSISSDI\_A

1517 INCSSRR\_A

1518 INCINTER\_A

1519 INCWRKO\_A

1520 CEVOLUN2\_A

1521 CEVOLUN1\_A

1522 EMDWRKCAT1\_A

1523 EMDSUPER\_A

1524 EMPHEALINS\_A

1525 EMPSICKLV\_A

1526 EMPWHENWRK\_A

1527 EMPWHYNOT\_A

1528 EMPNOWRK\_A

1529 EMPLASTWK\_A

1530 SCHCURENR\_A

1531 NATUSBORN\_A

1532 VACAREEV\_A

1533 VAHOSP\_A

1534 VADISB\_A

1535 COMBAT\_A

1536 AFVETTRN\_A

1537 AFVET\_A

1538 EVRMARRIED\_A

1539 SPOUSEP\_A $

1540 SPOUSLIV\_A

1541 MARITAL\_A

1542 ORIENT\_A

1543 HRJBEXPTB\_A

1544 HRJBEXP4HR\_A $

1545 HRJBEXP12M\_A

1546 HRVLDPROT\_A

1547 HRVLOUD12M\_A

1548 HRFIREPROT\_A

1549 HRFIRE12M\_A

1550 HRFIRETOTR\_A

1551 HRFIREEV\_A

1552 HRJOBPROT\_A

1553 HRLOUDJB12M\_A

1554 HRLOUDJBYR\_A

1555 HRLOUDJOB\_A

1556 HRTINMEDSP\_A

1557 HRTINPROB\_A

1558 HRTINLNG\_A

1559 HRTINNITUS\_A

1560 BFALLTIMES\_A

1561 BFALL12M\_A

1562 BALDHP\_A

1563 BALDPROB\_A

1564 BALDIZZ\_A

1565 HRAIDAQR\_A

1566 HRTESTLAST\_A

1567 HRTEST\_A

1568 CBALHDNO\_A

1569 CBALHDINJ\_A

1570 EARINFECT3\_A

1571 EARINFECT\_A

1572 HRWHISP\_A

1573 AHEARST1\_A

1574 VIMDRIVE\_A

1575 VIMREAD\_A

1576 AVISSADV\_A

1577 AVISDEV\_A

1578 AVISREH\_A

1579 AVISEXAM\_A

1580 SMOKELSCUR\_A

1581 SMOKELSEV\_A

1582 PIPECUR\_A

1583 PIPEEV\_A

1584 CIGAR30D\_A

1585 CIGARCUR\_A

1586 CIGAREV\_A

1587 ECIGNOW\_A

1588 ECIGEV\_A

1589 CIG30D\_A

1590 SMK30D\_A

1591 CIGNOW\_A

1592 SMKNOW\_A

1593 SMKEV\_A

1594 ARTHPH\_A

1595 ARTHWRK\_A

1596 ARTHLMT\_A

1597 JNTPN\_A

1598 JNTSYMP\_A

1599 TBIEVAL\_A $

1600 TBILEAGUE\_A $

1601 TBISPORT\_A $

1602 TBIHLSBMC\_A

1603 TBILCDCMG\_A

1604 INJREDUCE\_A $

1605 INJSTOPCHG\_A $

1606 INJFUTWRK\_A $

1607 INJSTITCH\_A $

1608 INJBONES\_A $

1609 INJHOSP\_A $

1610 INJER\_A $

1611 INJSAWDOC\_A $

1612 INJCHORES\_A $

1613 INJMVTYPE5\_A $

1614 INJMVTYPE4\_A $

1615 INJMVTYPE3\_A $

1616 INJMVTYPE2\_A $

1617 INJMVTYPE1\_A $

1618 INJMOTOR\_A $

1619 INJFALLWRK\_A $

1620 INJFALLHOM\_A $

1621 INJFALL\_A $

1622 INJSPORTS\_A $

1623 INJWORK\_A $

1624 INJHOME\_A $

1625 INJLIMIT\_A $

1626 ANYINJURY\_A

1627 REPWRKCAUS\_A

1628 REPREDUCE\_A

1629 REPSTOPCHG\_A

1630 REPFUTWRK\_A

1631 REPSAWDOC\_A

1632 REPLIMIT\_A

1633 REPSTRAIN\_A

1634 PAITOOTH3M\_A

1635 PAIAPG3M\_A

1636 PAIHDFC3M\_A

1637 PAILLMB3M\_A

1638 PAIULMB3M\_A

1639 PAIBACK3M\_A

1640 PAIAFFM3M\_A

1641 PAIWKLM3M\_A

1642 PAIAMNT\_A

1643 PAIFRQ3M\_A

1644 VIGIL4\_A

1645 VIGIL3\_A

1646 VIGIL2\_A

1647 VIGIL1\_A

1648 DISCRIM5\_A

1649 DISCRIM4\_A

1650 DISCRIM3\_A

1651 DISCRIM2\_A

1652 DISCRIM1\_A

1653 PHQ44\_A

1654 PHQ43\_A

1655 PHQ42\_A

1656 PHQ41\_A

1657 MHTHND\_A

1658 MHTHDLY\_A

1659 MHTPYNOW\_A

1660 MHTHRPY\_A

1661 MHRX\_A

1662 DEPLEVEL\_A

1663 DEPMED\_A

1664 DEPFREQ\_A

1665 ANXLEVEL\_A

1666 ANXMED\_A

1667 ANXFREQ\_A

1668 HOMEHC12M\_A

1669 THERA12M\_A

1670 EYEEX12M\_A

1671 TRAVEL\_A

1672 WRKHLTHFC\_A

1673 WORKHEALTH\_A

1674 LIVEHEP\_A

1675 SHTHEPB1\_A

1676 TDAPPREG\_A $

1677 SHINGRIXFS1\_A

1678 SHINGRIXN3\_A $

1679 SHINGRIX3\_A $

1680 SHINGWHEN1\_A $

1681 SHTSHINGL1\_A

1682 SHTPNEUNB\_A

1683 SHTPNUEV\_A

1684 SHOTTYPE2\_A

1685 CVDVAC1Y1\_A

1686 CVDVAC1M1\_A

1687 SHTCVD19NM1\_A

1688 SHTCVD191\_A

1689 FLUPREG2\_A $

1690 FLUPREG\_A $

1691 SHTFLUY\_A

1692 SHTFLUM\_A

1693 SHTFLU12M\_A

1694 LIVEBIRTH\_A

1695 PREGFLUYR\_A

1696 FHCANRISK\_A

1697 FHOVCANNUM\_A $

1698 FHOVCANEV\_A

1699 FHBCAN50\_A

1700 FHBCANNUM\_A

1701 FHBCANEV\_A

1702 FHCANEV\_A

1703 GTGRISK\_A

1704 GTPOSS1\_A

1705 MRIREA\_A $

1706 MRIWHEN\_A $

1707 MRIHAD\_A

1708 MAMNOT1\_A

1709 MAMREASON\_A

1710 MAMWHEN\_A

1711 MAMEV\_A

1712 HYSTEV2\_A

1713 CERVICWHEN\_A

1714 CERVICEV1\_A

1715 PSA5YR1\_A

1716 PSAREASON\_A

1717 PSAWHEN\_A

1718 PSATEST\_A

1719 COLTEST6\_A $

1720 COLTEST5\_A $

1721 COLTEST4\_A $

1722 COLTEST3\_A $

1723 COLTEST2\_A $

1724 COLTEST1\_A $

1725 COLPROB1\_A

1726 CGUARDWHE1\_A $

1727 FITCOLG1\_A

1728 COLOGUARD1\_A

1729 FITHWHEN1\_A

1730 FITHEV1\_A

1731 CTCOLWHEN1\_A

1732 CTCOLEV1\_A

1733 SIGWHEN\_A

1734 COLSIGWHEN\_A $

1735 COLREASON1\_A

1736 COLWHEN\_A

1737 COLORECTYP\_A

1738 COLORECTEV\_A

1739 DIBA1CLAST\_A

1740 DIBLAST1\_A

1741 CHOLLAST\_A

1742 BPLAST\_A

1743 RXDG12M\_A

1744 RXDL12M\_A

1745 RXLS12M\_A

1746 RXSK12M\_A

1747 RX12M\_A

1748 HITTEST\_A

1749 HITCOMM\_A

1750 HITLOOK\_A

1751 ACCSSHOM\_A

1752 ACCSSINT\_A

1753 VIRAPP12M\_A

1754 MEDNG12M\_A

1755 MEDDL12M\_A

1756 HOSPONGT\_A

1757 USPLKIND\_A

1758 USUALPL\_A

1759 WELLVIS\_A

1760 WELLNESS\_A

1761 LASTDR\_A

1762 DENNG12M\_A

1763 DENDL12M\_A

1764 DENPREV\_A

1765 LCVDACT\_A $

1766 SYMPNOW1\_A

1767 LONGCOVD1\_A

1768 EVERCOVD\_A

1769 PAYWORRY\_A

1770 PAYNOBLLNW\_A $

1771 PAYBLL12M\_A

1772 HINOTMYR\_A $

1773 HINOTYR\_A

1774 RSNHIOTH\_A

1775 RSNHIWAIT\_A

1776 RSNHIMEET\_A

1777 RSNHICONF\_A

1778 RSNHIELIG\_A

1779 RSNHIWANT\_A

1780 RSNHICOST\_A

1781 HISTOPELIG\_A

1782 HISTOPCOST\_A

1783 HISTOPAGE\_A

1784 HISTOPMISS\_A

1785 HISTOPJOB\_A

1786 HILASTMY\_A $

1787 HILAST\_A

1788 MILSPC3\_A

1789 MILSPC2\_A

1790 MILSPC1\_A

1791 OGHDHP\_A $

1792 OGDEDUC\_A $

1793 OGPREM\_A $

1794 OGXCHNG\_A $

1795 OPHDHP\_A $

1796 OPDEDUC\_A $

1797 OPPREM\_A $

1798 OPXCHNG\_A $

1799 CHHDHP\_A $

1800 CHDEDUC\_A $

1801 CHPREM\_A $

1802 CHXCHNG\_A $

1803 PRVSCOV2\_A $

1804 PRVSCOV1\_A

1805 PRDNCOV2\_A $

1806 PRDNCOV1\_A

1807 PRRXCOV2\_A $

1808 PRRXCOV1\_A

1809 HSAHRA2\_A $

1810 HSAHRA1\_A $

1811 PRHDHP2\_A $

1812 PRHDHP1\_A

1813 PRDEDUC2\_A $

1814 PRDEDUC1\_A

1815 PLN2PAY6\_A $

1816 PLN2PAY5\_A $

1817 PLN2PAY4\_A $

1818 PLN2PAY3\_A $

1819 PLN2PAY2\_A $

1820 PLN2PAY1\_A $

1821 PLN1PAY6\_A

1822 PLN1PAY5\_A

1823 PLN1PAY4\_A

1824 PLN1PAY3\_A

1825 PLN1PAY2\_A

1826 PLN1PAY1\_A

1827 PLNEXCHG2\_A $

1828 PLNEXCHG1\_A

1829 PRPOLH2\_A $

1830 PRPOLH1\_A

1831 PRPLCOV2\_A $

1832 PRPLCOV1\_A

1833 POLHLD2\_A $

1834 POLHLD1\_A

1835 MAHDHP\_A $

1836 MADEDUC\_A

1837 MAPREM\_A

1838 MAXCHNG\_A

1839 MCPARTD\_A

1840 MCVSCOV\_A

1841 MCDNCOV\_A

1842 MCHMO\_A

1843 MCCHOICE\_A

1844 MCPART\_A

1845 SINCOVRX\_A

1846 SINCOVVS\_A

1847 SINCOVDE\_A

1848 MCAIDPRB\_A

1849 MCAREPRB\_A

1850 HIKIND10\_A

1851 HIKIND09\_A

1852 HIKIND08\_A

1853 HIKIND07\_A

1854 HIKIND06\_A

1855 HIKIND05\_A

1856 HIKIND04\_A

1857 HIKIND03\_A

1858 HIKIND02\_A

1859 HIKIND01\_A

1860 HICOV\_A

1861 DEVDONSET\_A

1862 SOCWRKLIM\_A

1863 SOCSCLPAR\_A

1864 SOCERRNDS\_A

1865 UPPOBJCT\_A

1866 UPPRAISE\_A

1867 UPPSLFCR\_A

1868 COGAMTDFF\_A

1869 COGFRQDFF\_A

1870 COGTYPEDFF\_A

1871 COGMEMDFF\_A

1872 COMDIFF\_A

1873 EQSTEPS\_A

1874 EQWLK13M\_A

1875 EQWLK100\_A

1876 NOEQSTEPS\_A

1877 NOEQWLK13M\_A

1878 NOEQWLK100\_A

1879 PERASST\_A

1880 WCHAIR\_A

1881 CANEWLKR\_A

1882 STEPS\_A

1883 WLK13M\_A

1884 WLK100\_A

1885 EQUIP\_A

1886 DIFF\_A

1887 HEARINGDF\_A

1888 HEARAIDFR\_A

1889 HEARAID\_A

1890 VISIONDF\_A

1891 WEARGLSS\_A

1892 PREGNOW\_A

1893 VIMLSCA\_A

1894 VIMCAEV\_A

1895 VIMCSURG\_A

1896 VIMLSMD\_A

1897 VIMMDEV\_A

1898 VIMLSGL\_A

1899 VIMGLEV\_A

1900 VIMLSDR\_A $

1901 VIMDREV\_A

1902 EPIDR\_A $

1903 EPIMED\_A $

1904 EPIEV\_A

1905 HLTHCOND\_A

1906 MEDRXTRT\_A

1907 CFSNOW\_A $

1908 CFSEV\_A

1909 PSOREV\_A

1910 ULCCOLEV\_A

1911 CROHNSEV\_A

1912 HEPEV\_A

1913 DEPEV\_A

1914 ANXEV\_A

1915 DEMENEV\_A

1916 ARTHEV\_A

1917 COPDEV\_A

1918 DIBTYPE\_A

1919 DIBINSSTYR\_A $

1920 DIBINSSTOP\_A

1921 DIBINSTIME\_A

1922 DIBINS\_A

1923 DIBPILL\_A

1924 DIBEV\_A

1925 GESDIB\_A

1926 PREDIB\_A

1927 CANEV\_A

1928 ASER12M\_A

1929 ASAT12M\_A

1930 ASTILL\_A

1931 ASEV\_A

1932 ASPONOWN\_A

1933 ASPMEDSTP\_A $

1934 ASPMEDNOWN\_A

1935 ASPMEDEV\_A

1936 STREV\_A

1937 MIEV\_A

1938 ANGEV\_A

1939 CHDEV\_A

1940 CHLMED\_A

1941 CHL12M\_A

1942 CHLEV\_A

1943 HYPMED\_A

1944 HYP12M\_A

1945 HYPDIF\_A

1946 HYPEV\_A

1947 LSATIS4\_A

1948 PHSTAT\_A

1949 PROXYREL\_A $

1950 PROXY\_A $

1951 AVAIL\_A

1952 HHSTAT\_A

1953 INTV\_MON

1954 RECTYPE

1955 IMPNUM\_A

1956 WTFA\_A

1957 HHX $

1958 POVRATTC\_A

1959 ;

1960 if \_ERROR\_ then call symputx('\_EFIERR\_',1); /\* set ERROR detection macro variable \*/

1961 run;

NOTE: The infile 'C:\Users\yue\_yan1\Desktop\adult23.csv' is:

Filename=C:\Users\yue\_yan1\Desktop\adult23.csv,

RECFM=V,LRECL=32767,File Size (bytes)=29427128,

Last Modified=2024年12月14日 04時44分04秒,

Create Time=2024年12月14日 04時44分08秒

NOTE: 29522 records were read from the infile 'C:\Users\yue\_yan1\Desktop\adult23.csv'.

The minimum record length was 890.

The maximum record length was 1100.

NOTE: The data set WORK.ADULT23 has 29522 observations and 647 variables.

NOTE: DATA statement used (Total process time):

real time 1.60 seconds

cpu time 0.73 seconds

29522 rows created in WORK.ADULT23 from C:\Users\yue\_yan1\Desktop\adult23.csv.

NOTE: WORK.ADULT23 data set was successfully created.

NOTE: The data set WORK.ADULT23 has 29522 observations and 647 variables.

NOTE: PROCEDURE IMPORT used (Total process time):

real time 3.01 seconds

cpu time 1.95 seconds

1962 PROC CONTENTS data=adult23;

NOTE: Writing HTML Body file: sashtml.htm

1963 RUN;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.40 seconds

cpu time 0.18 seconds

1964 LIBNAME Final 'C:\Users\yue\_yan1\Desktop\Final';

NOTE: Libref FINAL was successfully assigned as follows:

Engine: V9

Physical Name: C:\Users\yue\_yan1\Desktop\Final

1965 DATA final.adult23;

1966 SET work.adult23;

1967 RUN;

NOTE: There were 29522 observations read from the data set WORK.ADULT23.

NOTE: The data set FINAL.ADULT23 has 29522 observations and 647 variables.

NOTE: DATA statement used (Total process time):

real time 0.09 seconds

cpu time 0.06 seconds

1968 PROC FREQ data=adult23;

1969 TITLE 'Frequencies on Independent and Dependent Variables';

1970 TABLES DISAB3\_A VISIONDF\_A HEARINGDF\_A EMPWRKFT1\_A EMPWKHRS3\_A EMPLSTWOR1\_A EMPWHYNOT\_A;

1971 RUN;

NOTE: There were 29522 observations read from the data set WORK.ADULT23.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.09 seconds

cpu time 0.04 seconds

1972 PROC FREQ data=adult23;

1973 TITLE 'Frequencies on Covariates';

1974 TABLES AGEP\_A SEX\_A EDUCP\_A HISPALLP\_A REGION;

1975 RUN;

NOTE: There were 29522 observations read from the data set WORK.ADULT23.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.07 seconds

cpu time 0.03 seconds

1976 title;

1977 DATA final (KEEP=PPSU PSTRAT WTFA\_A DISAB3\_A VISIONDF\_A HEARINGDF\_A EMPWRKFT1\_A EMPWKHRS3\_A EMPLSTWOR1\_A EMPWHYNOT\_A

1977! AGEP\_A SEX\_A EDUCP\_A HISPALLP\_A REGION);

1978 SET adult23;

1979 RUN;

NOTE: There were 29522 observations read from the data set WORK.ADULT23.

NOTE: The data set WORK.FINAL has 29522 observations and 15 variables.

NOTE: DATA statement used (Total process time):

real time 0.06 seconds

cpu time 0.01 seconds

1980 /\*create permanent 'final' which contains all obs and 15 variables only used for this study\*/

1981 DATA final.final;

1982 SET work.final;

1983 RUN;

NOTE: There were 29522 observations read from the data set WORK.FINAL.

NOTE: The data set FINAL.FINAL has 29522 observations and 15 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1984 DATA final\_age;

1985 SET final;

1986 WHERE 18<= AGEP\_A < 65;

1987 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL.

WHERE (AGEP\_A>=18 and AGEP\_A<65);

NOTE: The data set WORK.FINAL\_AGE has 19781 observations and 15 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1988 PROC PRINT data=final\_age (obs=15);

1989 RUN;

NOTE: There were 15 observations read from the data set WORK.FINAL\_AGE.

NOTE: PROCEDURE PRINT used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

1990 PROC CONTENTS data=final\_age;

1991 TITLE 'Adults aged 18-64 years (working-age population)';

1992 RUN;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1993 DATA final.final\_age;

1994 SET work.final\_age;

1995 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_AGE.

NOTE: The data set FINAL.FINAL\_AGE has 19781 observations and 15 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

1996 DATA final\_variables;

1997 SET final\_age;

1998

1999 /\* Employment Status--Employed/Unemployed\*/

2000 IF EMPWRKFT1\_A IN (1,2,7,8,9) THEN Employed = 1;

2001 ELSE Employed = 0;

2002

2003 /\*Employed--Work load Status\*/

2004 IF 0 < EMPWKHRS3\_A <= 20 THEN Workload = 1;

2005 IF 20 < EMPWKHRS3\_A <= 40 THEN Workload = 2;

2006 IF 40 < EMPWKHRS3\_A <= 60 THEN Workload = 3;

2007 IF 60 < EMPWKHRS3\_A <= 80 THEN Workload = 4;

2008 IF 80 < EMPWKHRS3\_A <= 95 THEN Workload = 5;

2009 IF EMPWKHRS3\_A in (97,98,99) THEN Workload = .;

2010

2011 /\* Unemployment--how long\*/

2012 IF EMPLSTWOR1\_A = 1 AND EMPWHYNOT\_A ~= 3 THEN Unemployed\_time =1;

2013 IF EMPLSTWOR1\_A = 2 AND EMPWHYNOT\_A ~= 3 THEN Unemployed\_time =2;

2014 IF EMPLSTWOR1\_A = 3 AND EMPWHYNOT\_A ~= 3 THEN Unemployed\_time = 3;

2015 IF EMPLSTWOR1\_A = 4 AND EMPWHYNOT\_A ~= 3 THEN Unemployed\_time = 4;

2016 IF EMPLSTWOR1\_A in (7,8,9) AND EMPWHYNOT\_A ~= 3 THEN Unemployed\_time = .;

2017 IF EMPWHYNOT\_A = 3 THEN Unemployed\_time = 5;

2018

2019 /\*Sex\*/

2020 IF SEX\_A = 1 THEN Sex = 1;

2021 IF SEX\_A = 2 THEN Sex = 2;

2022 IF SEX\_A in (7,9) THEN Sex = .;

2023

2024 /\*Ethnicity\*/

2025 IF HISPALLP\_A = 1 THEN Ethnicity = 1;

2026 IF HISPALLP\_A = 2 THEN Ethnicity = 2;

2027 IF HISPALLP\_A = 3 THEN Ethnicity = 3;

2028 IF HISPALLP\_A = 4 THEN Ethnicity = 4;

2029 IF HISPALLP\_A = 5 THEN Ethnicity = 5;

2030 IF HISPALLP\_A in (6,7) THEN Ethnicity = .;

2031

2032 /\*Education\*/

2033 IF EDUCP\_A in (1,2,3) THEN Education = 1;

2034 IF EDUCP\_A = 4 THEN Education = 2;

2035 IF EDUCP\_A = 5 THEN Education = 3;

2036 IF EDUCP\_A in (6,7) THEN Education = 4;

2037 IF EDUCP\_A = 8 THEN Education = 5;

2038 IF EDUCP\_A in (9,10) THEN Education = 6;

2039 IF EDUCP\_A in (97,99) THEN Education = .;

2040

2041 /\*Region\*/

2042 IF REGION = 1 THEN Region\_US = 1;

2043 IF REGION = 2 THEN Region\_US = 2;

2044 IF REGION = 3 THEN Region\_US = 3;

2045 IF REGION = 4 THEN Region\_US = 4;

2046

2047 /\*Disabilities Status\*/

2048 IF DISAB3\_A = 1 THEN Disabilities = 1;

2049 IF DISAB3\_A = 2 THEN Disabilities = 0;

2050 IF DISAB3\_A = 9 THEN Disabilities = .;

2051

2052 /\*Disabilities level -- Vision\*/

2053 IF VISIONDF\_A = 1 THEN Vision = 1;

2054 IF VISIONDF\_A = 2 THEN Vision = 2;

2055 IF VISIONDF\_A = 3 THEN Vision = 3;

2056 IF VISIONDF\_A = 4 THEN Vision = 4;

2057 IF VISIONDF\_A in (7,9) THEN Vision = .;

2058

2059 /\*Disabilities level -- Hearing\*/

2060 IF HEARINGDF\_A = 1 THEN Hearing = 1;

2061 IF HEARINGDF\_A = 2 THEN Hearing = 2;

2062 IF HEARINGDF\_A = 3 THEN Hearing = 3;

2063 IF HEARINGDF\_A = 4 THEN Hearing = 4;

2064 IF HEARINGDF\_A in (7,9) THEN Hearing = .;

2065

2066 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_AGE.

NOTE: The data set WORK.FINAL\_VARIABLES has 19781 observations and 25 variables.

NOTE: DATA statement used (Total process time):

real time 0.04 seconds

cpu time 0.01 seconds

2067

2068 PROC CONTENTS data=final\_variables;

2069 RUN;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2070 PROC FORMAT;

2071 VALUE Employed 1= 'yes'

2072 0= 'No';

NOTE: Format EMPLOYED has been output.

2073 VALUE Workload 1= 'Part-time or minimal work'

2074 2= 'Standard full-time'

2075 3= 'Above-average workload'

2076 4= 'High workload'

2077 5= 'Extreme high workload';

NOTE: Format WORKLOAD has been output.

2078 VALUE Unemployed\_time 1= 'Within the past 12 months'

2079 2= '1-5 years ago'

2080 3= 'Over 5 years ago'

2081 4= 'Never worked'

2082 5= 'retired';

NOTE: Format UNEMPLOYED\_TIME has been output.

2083 VALUE Sex 1= 'Male'

2084 2= 'Female';

NOTE: Format SEX has been output.

2085 VALUE Ethnicity 1= 'Hispanic'

2086 2= 'White'

2087 3= 'Black/African American only'

2088 4= 'Asian'

2089 5= 'American Indian or Alaska Native';

NOTE: Format ETHNICITY has been output.

2090 VALUE Education 1= 'Less than high school'

2091 2= 'High school completion'

2092 3= 'Some college'

2093 4= 'Associate degree'

2094 5= 'Bachelor degree'

2095 6= 'Master or higher degree';

NOTE: Format EDUCATION has been output.

2096 VALUE Region\_US 1= 'Northeast'

2097 2= 'Midwest'

2098 3= 'South'

2099 4= 'West';

NOTE: Format REGION\_US has been output.

2100 VALUE Disabilities 1= 'Yes'

2101 0= 'No';

NOTE: Format DISABILITIES has been output.

2102 VALUE Vision 1= 'No difficulty'

2103 2= 'Some difficulty'

2104 3= 'A lot of difficulty'

2105 4= 'Cannot see at all';

NOTE: Format VISION has been output.

2106 VALUE Hearing 1= 'No difficulty'

2107 2= 'Some difficulty'

2108 3= 'A lot of difficulty'

2109 4= 'Cannot see at all';

NOTE: Format HEARING has been output.

2110 RUN;

NOTE: PROCEDURE FORMAT used (Total process time):

real time 0.06 seconds

cpu time 0.01 seconds

2111 PROC PRINT data=final\_variables (obs=5);

2112 FORMAT Employed Employed. Workload Workload. Unemployed\_time Unemployed\_time. Sex Sex. Ethnicity Ethnicity. Education

2112! Education. Region\_US Region\_US. Disabilities Disabilities. Vision Vision. Hearing Hearing.;

2113 TITLE 'Study Populations';

2114 RUN;

NOTE: There were 5 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE PRINT used (Total process time):

real time 0.04 seconds

cpu time 0.00 seconds

2115 title;

2116 PROC CONTENTS data=final\_variables;

2117 RUN;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2118 DATA final.final\_variables;

2119 SET work.final\_variables;

2120 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: The data set FINAL.FINAL\_VARIABLES has 19781 observations and 25 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2121 PROC MEANS data=final\_variables;

2122 VAR AGEP\_A;

2123 TITLE 'Unweighted Age';

2124 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE MEANS used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2125 PROC SURVEYMEANS data=final\_variables;

2126 CLUSTER PPSU;

2127 STRATA PSTRAT;

2128 WEIGHT WTFA\_A;

2129 VAR AGEP\_A;

2130 TITLE 'Weighted Age';

2131 RUN;

NOTE: PROCEDURE SURVEYMEANS used (Total process time):

real time 1.00 seconds

cpu time 0.15 seconds

2132 PROC FREQ data=final\_variables;

2133 TABLES Employed;

2134 TITLE 'Unweighted Employment Status';

2135 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2136 PROC SURVEYFREQ data=final\_variables;

2137 CLUSTER PPSU;

2138 STRATA PSTRAT;

2139 WEIGHT WTFA\_A;

2140 TABLES Employed;

2141 TITLE 'Weighted Employment Status';

2142 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.03 seconds

2143 PROC FREQ data=final\_variables;

2144 TABLES Workload;

2145 TITLE 'Unweighted Working Hours (workload)';

2146 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.04 seconds

cpu time 0.00 seconds

2147 PROC SURVEYFREQ data=final\_variables;

2148 CLUSTER PPSU;

2149 STRATA PSTRAT;

2150 WEIGHT WTFA\_A;

2151 TABLES Workload;

2152 TITLE 'Weighted Working Hours (workload)';

2153 RUN;

NOTE: Due to missing values, there are empty clusters for the table of Workload. The analysis includes 658 clusters.

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.04 seconds

2154 PROC FREQ data=final\_variables;

2155 TABLES Unemployed\_time;

2156 TITLE 'Unweighted last time worked for pay';

2157 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2158 PROC SURVEYFREQ data=final\_variables;

2159 CLUSTER PPSU;

2160 STRATA PSTRAT;

2161 WEIGHT WTFA\_A;

2162 TABLES Unemployed\_time;

2163 TITLE 'Weighted last time worked for pay';

2164 RUN;

NOTE: Due to missing values, there are empty clusters for the table of Unemployed\_time. The analysis includes 649 clusters.

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.00 seconds

2165 title;

2166 PROC FREQ data=final\_variables;

2167 TABLES Sex;

2168 TITLE 'Unweighted Sex';

2169 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.04 seconds

cpu time 0.01 seconds

2170 PROC SURVEYFREQ data=final\_variables;

2171 CLUSTER PPSU;

2172 STRATA PSTRAT;

2173 WEIGHT WTFA\_A;

2174 TABLES Sex;

2175 TITLE 'Weighted Sex';

2176 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.03 seconds

2177 title;

2178 PROC FREQ data=final\_variables;

2179 TABLES Ethnicity;

2180 TITLE 'Unweighted Ethnicity';

2181 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2182 PROC SURVEYFREQ data=final\_variables;

2183 CLUSTER PPSU;

2184 STRATA PSTRAT;

2185 WEIGHT WTFA\_A;

2186 TABLES Ethnicity;

2187 TITLE 'Weighted Ethnicity';

2188 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.06 seconds

cpu time 0.00 seconds

2189 PROC FREQ data=final\_variables;

2190 TABLES Education;

2191 TITLE 'Unweighted Education Attainment';

2192 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.04 seconds

cpu time 0.03 seconds

2193 PROC SURVEYFREQ data=final\_variables;

2194 CLUSTER PPSU;

2195 STRATA PSTRAT;

2196 WEIGHT WTFA\_A;

2197 TABLES Education;

2198 TITLE 'Weighted Education Attainment';

2199 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2200 PROC FREQ data=final\_variables;

2201 TABLES Region\_US;

2202 TITLE 'Unweighted Region';

2203 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.01 seconds

2204 PROC SURVEYFREQ data=final\_variables;

2205 CLUSTER PPSU;

2206 STRATA PSTRAT;

2207 WEIGHT WTFA\_A;

2208 TABLES Region\_US;

2209 TITLE 'Weighted Region';

2210 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.03 seconds

cpu time 0.01 seconds

2211 PROC FREQ data=final\_variables;

2212 TABLES Disabilities;

2213 TITLE 'Unweighted Disabilities';

2214 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2215 PROC SURVEYFREQ data=final\_variables;

2216 CLUSTER PPSU;

2217 STRATA PSTRAT;

2218 WEIGHT WTFA\_A;

2219 TABLES Disabilities;

2220 TITLE 'Weighted Disabilities';

2221 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.00 seconds

2222 PROC FREQ data=final\_variables;

2223 TABLES Vision;

2224 TITLE 'Unweighted Disabilities (Vision)';

2225 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.03 seconds

cpu time 0.00 seconds

2226 PROC SURVEYFREQ data=final\_variables;

2227 CLUSTER PPSU;

2228 STRATA PSTRAT;

2229 WEIGHT WTFA\_A;

2230 TABLES Vision;

2231 TITLE 'Weighted Disabilities (Vision)';

2232 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.01 seconds

2233 PROC FREQ data=final\_variables;

2234 TABLES Hearing;

2235 TITLE 'Unweighted Disabilities (Hearing)';

2236 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: PROCEDURE FREQ used (Total process time):

real time 0.04 seconds

cpu time 0.00 seconds

2237 PROC SURVEYFREQ data=final\_variables;

2238 CLUSTER PPSU;

2239 STRATA PSTRAT;

2240 WEIGHT WTFA\_A;

2241 TABLES Hearing;

2242 TITLE 'Weighted Disabilities (Hearing)';

2243 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.01 seconds

2244 title;

2245 DATA final\_yueyan (KEEP = PPSU PSTRAT WTFA\_A AGEP\_A Sex Education Ethnicity Region\_US Employed Workload Unemployed\_time

2245! Disabilities Vision Hearing);

2246 SET final\_variables;

2247 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_VARIABLES.

NOTE: The data set WORK.FINAL\_YUEYAN has 19781 observations and 14 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.01 seconds

2248 PROC CONTENTS data=final\_yueyan;

2249 RUN;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.03 seconds

cpu time 0.01 seconds

2250 DATA final.final\_yueyan;

2251 SET work.final\_yueyan;

2252 RUN;

NOTE: There were 19781 observations read from the data set WORK.FINAL\_YUEYAN.

NOTE: The data set FINAL.FINAL\_YUEYAN has 19781 observations and 14 variables.

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

2253 PROC SURVEYFREQ data=final\_yueyan;

2254 CLUSTER PPSU;

2255 STRATA PSTRAT;

2256 WEIGHT WTFA\_A;

2257 TABLES Employed\*Education / row chisq;

2258 TITLE 'Bivariate Analysis on Assocaition between Employed and Education';

2259 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.06 seconds

cpu time 0.01 seconds

2260 PROC SURVEYFREQ data=final\_yueyan;

2261 CLUSTER PPSU;

2262 STRATA PSTRAT;

2263 WEIGHT WTFA\_A;

2264 TABLES Employed\*Disabilities / row chisq;

2265 TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities';

2266 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.03 seconds

2267 PROC SURVEYFREQ data=final\_yueyan;

2268 CLUSTER PPSU;

2269 STRATA PSTRAT;

2270 WEIGHT WTFA\_A;

2271 TABLES Employed\*Sex / row chisq;

2272 TITLE 'Bivariate Analysis on Assocaition between Employed and Sex';

2273 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.01 seconds

2274 PROC SURVEYMEANS data=final\_yueyan;

2275 CLUSTER PPSU;

2276 STRATA PSTRAT;

2277 WEIGHT WTFA\_A;

2278 DOMAIN Employed;

2279 VAR AGEP\_A;

2280 TITLE 'Bivariate Analysis on Assocaition between Employed and Age';

2281 RUN;

NOTE: PROCEDURE SURVEYMEANS used (Total process time):

real time 0.79 seconds

cpu time 0.28 seconds

2282 PROC SURVEYFREQ data=final\_yueyan;

2283 CLUSTER PPSU;

2284 STRATA PSTRAT;

2285 WEIGHT WTFA\_A;

2286 TABLES Employed\*Ethnicity / row chisq;

2287 TITLE 'Bivariate Analysis on Assocaition between Employed and Ethnicity';

2288 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.07 seconds

cpu time 0.01 seconds

2289 PROC SURVEYFREQ data=final\_yueyan;

2290 CLUSTER PPSU;

2291 STRATA PSTRAT;

2292 WEIGHT WTFA\_A;

2293 TABLES Employed\*Region\_US / row chisq;

2294 TITLE 'Bivariate Analysis on Assocaition between Employed and Region';

2295 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.04 seconds

cpu time 0.03 seconds

2296 title;

2297 PROC SURVEYFREQ data=final\_yueyan;

2298 CLUSTER PPSU;

2299 STRATA PSTRAT;

2300 WEIGHT WTFA\_A;

2301 TABLES Employed\*Vision / row chisq;

2302 TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities (Vision)';

2303 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.06 seconds

cpu time 0.01 seconds

2304 PROC SURVEYFREQ data=final\_yueyan;

2305 CLUSTER PPSU;

2306 STRATA PSTRAT;

2307 WEIGHT WTFA\_A;

2308 TABLES Employed\*Hearing / row chisq;

2309 TITLE 'Bivariate Analysis on Assocaition between Employed and Disabilities (Hearing)';

2310 RUN;

NOTE: PROCEDURE SURVEYFREQ used (Total process time):

real time 0.06 seconds

cpu time 0.01 seconds

2311 title;

2312 PROC SURVEYLOGISTIC data=final\_yueyan;

2313 CLUSTER PPSU;

2314 STRATA PSTRAT;

2315 WEIGHT WTFA\_A;

2316 CLASS Education (ref='1')/param=ref;

2317 MODEL Employed (event='1')= education;

2318 TITLE1 'Multivariate Analysis on Education and Employed';

2319 TITLE2 'Ref group on Education: Less than high school';

2320 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.14 seconds

cpu time 0.07 seconds

2321 PROC SURVEYLOGISTIC data=final\_yueyan;

2322 CLUSTER PPSU;

2323 STRATA PSTRAT;

2324 WEIGHT WTFA\_A;

2325 CLASS Disabilities (ref='0')/param=ref;

2326 MODEL Employed (event='1')= Disabilities;

2327 TITLE1 'Multivariate Analysis on Education and Disabilities';

2328 TITLE2 'Ref group on Disabilities: No disabilities';

2329 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.11 seconds

cpu time 0.06 seconds

2330 PROC SURVEYLOGISTIC data=final\_yueyan;

2331 CLUSTER PPSU;

2332 STRATA PSTRAT;

2333 WEIGHT WTFA\_A;

2334 CLASS Vision (ref='1')/param=ref;

2335 MODEL Employed (event='1')= Vision;

2336 TITLE1 'Multivariate Analysis on Education and Disabilities(Vision)';

2337 TITLE2 'Ref group on Disabilities(Vision): No disability';

2338 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.12 seconds

cpu time 0.03 seconds

2339 PROC SURVEYLOGISTIC data=final\_yueyan;

2340 CLUSTER PPSU;

2341 STRATA PSTRAT;

2342 WEIGHT WTFA\_A;

2343 CLASS Hearing (ref='1')/param=ref;

2344 MODEL Employed (event='1')= Hearing;

2345 TITLE1 'Multivariate Analysis on Education and Disabilities(Hearing)';

2346 TITLE2 'Ref group on Disabilities(Hearing): No disability';

2347 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.12 seconds

cpu time 0.04 seconds

2348 PROC SURVEYLOGISTIC data=final\_yueyan;

2349 CLUSTER PPSU;

2350 STRATA PSTRAT;

2351 WEIGHT WTFA\_A;

2352 CLASS Sex (ref='1')/param=ref;

2353 MODEL Employed (event='1')= Sex;

2354 TITLE1 'Multivariate Analysis on Education and Sex';

2355 TITLE2 'Ref group on Sex: Male';

2356 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.10 seconds

cpu time 0.01 seconds

2357

2358 PROC SURVEYLOGISTIC data=final\_yueyan;

2359 CLUSTER PPSU;

2360 STRATA PSTRAT;

2361 WEIGHT WTFA\_A;

2362 CLASS Ethnicity (ref='2')/param=ref;

2363 MODEL Employed (event='1')= Ethnicity;

2364 TITLE1 'Multivariate Analysis on Education and Ethnicity';

2365 TITLE2 'Ref group on Ethnicity: Non-Hispanic White only';

2366 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.12 seconds

cpu time 0.04 seconds

2367 PROC SURVEYLOGISTIC data=final\_yueyan;

2368 CLUSTER PPSU;

2369 STRATA PSTRAT;

2370 WEIGHT WTFA\_A;

2371 CLASS Region\_US (ref='3')/param=ref;

2372 MODEL Employed (event='1')= Region\_US;

2373 TITLE1 'Multivariate Analysis on Education and Region';

2374 TITLE2 'Ref group on Region: South';

2375 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.12 seconds

cpu time 0.04 seconds

2376 title;

2377 PROC SURVEYLOGISTIC data=final\_yueyan;

2378 CLUSTER PPSU;

2379 STRATA PSTRAT;

2380 WEIGHT WTFA\_A;

2381 CLASS Education(ref='1') Sex(ref='1') Disabilities(ref='0') Vision(ref='1') Hearing(ref='1') Ethnicity(ref='2')

2381! Region\_US(ref='3')/param=ref;

2382 MODEL Employed (event='1')= Education Sex Disabilities Vision Hearing Ethnicity Region\_US;

2383 TITLE1 'Adjusted Multivariate Analysis on Education and Employed';

2384 RUN;

NOTE: PROC SURVEYLOGISTIC is modeling the probability that Employed=1.

NOTE: Convergence criterion (GCONV=1E-8) satisfied.

NOTE: PROCEDURE SURVEYLOGISTIC used (Total process time):

real time 0.26 seconds

cpu time 0.20 seconds