

Appendix 34 (1/97)

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/* R & H-EDITS NECESSARY TO MAKE 80 INDUSTRY CODE FROM 90 CODES */
/* X WILL BE THE 90 INDUSTRY CODE THAT CENSUS SENT */
/* J WILL BE THE 80 INDUSTRY CODE THAT WE CREATE HERE */

/* R CURRENT EDT */
R13710.10=R13710.;
/* R DUAL */
R13816.10=R13816.;
/* H CURRENT */
R15313.10=R15313.;
/* H DUAL */
R15362.10=R15362.;
/* R CURRENT */
R15774.10=R15774.;
/* R INTERVENING */
R13852.10=R13852.;
R13895.10=R13895.;
R13938.10=R13938.;
R13981.10=R13981.;
R14024.10=R14024.;
R14067.10=R14067.;
R14110.10=R14110.;
/* H INTERVENING */
R15386.10=R15386.;
R15427.10=R15427.;
R15468.10=R15468.;
R15509.10=R15509.;
R15550.10=R15550.;
R15591.10=R15591.;

DO J = (all the above created variables) BY 1;
IF X(J) = 012 THEN X(J) = 020; ELSE
IF X(J) = 020 THEN X(J) = 021; ELSE
IF X(J) = 030 THEN X(J) = 020; ELSE
IF X(J) = 031 THEN X(J) = 030; ELSE
IF X(J) = 032 THEN X(J) = 031; ELSE
IF X(J) = 450 THEN X(J) = 460; ELSE
IF X(J) = 451 THEN X(J) = 461; ELSE
IF X(J) = 452 THEN X(J) = 462; ELSE
IF X(J) = 623 THEN X(J) = 630; ELSE
IF X(J) = 630 THEN X(J) = 631; ELSE
IF X(J) = 631 THEN X(J) = 632; ELSE
IF X(J) = 632 THEN X(J) = 640; ELSE
IF X(J) = 633 THEN X(J) = 640; ELSE
IF X(J) = 640 THEN X(J) = 682; ELSE
IF X(J) = 661 THEN X(J) = 682; ELSE
IF X(J) = 662 THEN X(J) = 661; ELSE
IF X(J) = 663 THEN X(J) = 662; ELSE
IF X(J) = 891 THEN X(J) = 730; ELSE
IF X(J) = 732 THEN X(J) = 740; ELSE
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IF X(J) = 740 THEN X(J) = 741; ELSE  
IF X(J) = 741 THEN X(J) = 742; ELSE  
IF X(J) = 742 THEN X(J) = 742; ELSE  
IF X(J) = 801 THEN X(J) = 682; ELSE  
IF X(J) = 802 THEN X(J) = 801; ELSE  
IF X(J) = 810 THEN X(J) = 802; ELSE  
IF X(J) = 863 THEN X(J) = 892; ELSE  
IF X(J) = 873 THEN X(J) = 892; ELSE  
IF X(J) = 893 THEN X(J) = 892; ELSE  
IF X(J) = 940 THEN X(J) = 990; ELSE  
IF X(J) = 941 THEN X(J) = 990; ELSE  
IF X(J) = 942 THEN X(J) = 990; ELSE  
IF X(J) = 950 THEN X(J) = 990; ELSE  
IF X(J) = 951 THEN X(J) = 990; ELSE  
IF X(J) = 952 THEN X(J) = 990; ELSE  
IF X(J) = 960 THEN X(J) = 990; ELSE  
IF X(J) = 991 THEN X(J) = 990; ELSE  
IF X(J) = 992 THEN X(J) = 990;  
END;
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```
/* R & H-EDITS NECESSARY TO MAKE 80 OCCUPATION CODE FROM 90 CODES */  
/* X WILL BE THE 90 OCCUPATION CODE THAT CENSUS SENT */  
/* J WILL BE THE 80 OCCUPATION CODE THAT WE CREATE HERE */
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```
/* R CURRENT EDT */  
R13715.10=R13715.;  
/* R DUAL */  
R13819.10=R13819.;  
/* H CURRENT */  
R15316.10=R15316.;  
/* H DUAL */  
R15365.10=R15365.;  
/* R CURRENT */  
R15779.10=R15779.;  
/* R INTERVENING */  
R13855.10=R13855.;  
R13898.10=R13898.;  
R13941.10=R13941.;  
R13984.10=R13984.;  
R14027.10=R14027.;  
R14070.10=R14070.;  
R14113.10=R14113.;  
/* H INTERVENING */  
R15389.10=R15389.;  
R15430.10=R15430.;  
R15471.10=R15471.;  
R15512.10=R15512.;  
R15553.10=R15553.;  
R15594.10=R15594.;
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DO J = (all the above created variables) BY 1;  
IF X(J) = 016 THEN X(J) = 017;ELSE  
IF X(J) = 017 THEN X(J) = 019;ELSE  
IF X(J) = 018 THEN X(J) = 016;ELSE
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IF X(J) = 019 THEN X(J) = 018;ELSE
IF X(J) = 021 THEN X(J) = 019;ELSE
IF X(J) = 022 THEN X(J) = 019;ELSE
IF X(J) = 353 THEN X(J) = 349;ELSE
IF X(J) = 368 THEN X(J) = 369;ELSE
IF X(J) = 436 THEN X(J) = 437;ELSE
IF X(J) = 461 THEN X(J) = 463;ELSE
IF X(J) = 462 THEN X(J) = 464;ELSE
IF X(J) = 463 THEN X(J) = 465;ELSE
IF X(J) = 464 THEN X(J) = 466;ELSE
IF X(J) = 465 THEN X(J) = 467;ELSE
IF X(J) = 466 THEN X(J) = 468;ELSE
IF X(J) = 467 THEN X(J) = 468;ELSE
IF X(J) = 628 THEN X(J) = 633;ELSE
IF X(J) = 674 THEN X(J) = 673;ELSE
IF X(J) = 795 THEN X(J) = 794;ELSE
IF X(J) = 804 THEN X(J) = 805;ELSE
IF X(J) = 864 THEN X(J) = 863;ELSE
IF X(J) = 865 THEN X(J) = 864;ELSE
IF X(J) = 866 THEN X(J) = 865;ELSE
IF X(J) = 867 THEN X(J) = 866;ELSE
IF X(J) = 868 THEN X(J) = 867;ELSE
IF X(J) = 874 THEN X(J) = 873;ELSE
IF X(J) = 903 THEN X(J) = 999;ELSE
IF X(J) = 904 THEN X(J) = 999;ELSE
IF X(J) = 905 THEN X(J) = 999;ELSE
IF X(J) = 909 THEN X(J) = 999;
END;

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/ HOURLY RATE OF PAYS AND KEY VARIABLES */*

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/* TOTAL FAMILY INCOME, WOMEN 1993 */
/* COMBINATIONS & RECODING TO ZERO BASED ON 'NO' TO LEAD-IN OCCURRED */
/* BEFORE THIS CREATION */

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HUSBAND,RES=0;
RWAGE,RBUS,RUNEM,RSUB,RSOC,RVET,RCOM,RSSD,RDIS,REPRI,REMIL,REFED,
    RESTE,REUNI,REIRA,REOTH=NA;
SWAGE,SBUS,SUNEM,SSUB,SSOC,SVET,SCOM,SSSD,SDIS,SREPRI,SREMIL,SREFED,SRESTE,
    SREUNI,SREIRA,SREOTH=NA;
FARM,RENT,INTT,FOODS,AFDC,SSI,ALI,CHILD,SCHILD,OTHER,FAM,FAMINC=NA;
IF R15103.=1 THEN HUSBAND=1;
IF R15716.=1 | R15716.=2 | R13688.=2 | R13689.>0 THEN RES=1;
    ELSE RES=0;
IF RES=0 & R15065.<0 THEN RWAGE=0;
    ELSE IF R15065.>=0 THEN RWAGE=R15065.;


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/* IF NO INVESTMENT IN BUSINESS & BUSINESS INCOME IS NA */
IF R15066.>NA & R15066.^=DK & R15066.^=-2 & R15066.^=-1 THEN RBUS=R15066.;
IF R15071.>=0 & R15072.>=0 THEN RUNEM=R15071.*R15072.;


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/ IF UNEMPLOYMENT IS 0 AND SUB PAY IS MISSING, IT IS ASSUMED SUB PAY */*

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/* SHOULD BE 0 */
IF RUNEM=0 & R15074.<0 & R15075.<0 THEN RSUB=0;
IF R15074.>=0 & R15075.>=0 THEN RSUB=R15074.*R15075.;
IF R15077.>=0 & R15078.>=0 THEN RSOC=R15077.*R15078.;
IF R15081.>=0 THEN RVET=R15081.;
IF R15083.>=0 THEN RCOM=R15083.;
IF R15085.>=0 THEN RSSD=R15085.;
IF R15087.>=0 THEN RDIS=R15087.;
IF R15090.>=0 THEN REPRI=R15090.;
IF R15092.>=0 THEN REMIL=R15092.;
IF R15094.>=0 THEN REFED=R15094.;
IF R15096.>=0 THEN RESTE=R15096.;
IF R15098.>=0 THEN REUNI=R15098.;
IF R15100.>=0 THEN REIRA=R15100.;
IF R15102.>=0 THEN REOTH=R15102.;
IF (HUSBAND^=1 | R15105.<0) THEN SWAGE=0;
ELSE IF R15105.>=0 THEN SWAGE=R15105.;
IF (HUSBAND^=1 | R15107.<0) THEN SBUS=0;
ELSE IF R15107.>NA & R15107.^=-1 & R15107.^=-2 & R15107.^=DK
THEN SBUS=R15107.;
IF HUSBAND^=1 & R15111.<0 & R15112.<0 THEN SUNEM=0;
ELSE IF R15111.>=0 & R15112.>=0 THEN SUNEM=R15111.*R15112.;
IF (HUSBAND^=1 | SUNEM=0) & R15114.<0 & R15115.<0 THEN SSUB=0;
ELSE IF R15114.>=0 & R15115.>=0 THEN SSUB=R15114.*R15115.;
IF HUSBAND^=1 & R15117.<0 & R15118.<0 THEN SSOC=0;
ELSE IF R15117.>=0 & R15118.>=0 THEN SSOC=R15117.*R15118.;
IF HUSBAND^=1 & R15121.<0 THEN SVET=0;
ELSE IF R15121.>=0 THEN SVET=R15121.;
IF HUSBAND^=1 & R15123.<0 THEN SCOM=0;
ELSE IF R15123.>=0 THEN SCOM=R15123.;
IF HUSBAND^=1 & R15125.<0 THEN SSSD=0;
ELSE IF R15125.>=0 THEN SSSD=R15125.;
IF HUSBAND^=1 & R15127.<0 THEN SDIS=0;
ELSE IF R15127.>=0 THEN SDIS=R15127.;
IF HUSBAND^=1 & R15130.<0 THEN SREPRI=0;
ELSE IF R15130.>=0 THEN SREPRI=R15130.;
IF HUSBAND^=1 & R15132.<0 THEN SREMIL=0;
ELSE IF R15132.>=0 THEN SREMIL=R15132.;
IF HUSBAND^=1 & R15134.<0 THEN SREFED=0;
ELSE IF R15134.>=0 THEN SREFED=R15134.;
IF HUSBAND^=1 & R15136.<0 THEN SRESTE=0;
ELSE IF R15136.>=0 THEN SRESTE=R15136.;
IF HUSBAND^=1 & R15138.<0 THEN SREUNI=0;
ELSE IF R15138.>=0 THEN SREUNI=R15138.;
IF HUSBAND^=1 & R15140.<0 THEN SREIRA=0;
ELSE IF R15140.>=0 THEN SREIRA=R15140.;
IF HUSBAND^=1 & R15142.<0 THEN SREOTH=0;
ELSE IF R15142.>=0 THEN SREOTH=R15142.;
IF R15144.>NA & R15144.^=-1 & R15144.^=-2 & R15144.^=DK THEN FARM=R15144.;
IF R15147.>NA & R15147.^=-1 & R15147.^=-2 & R15147.^=DK THEN RENT=R15147.;
IF R15151.>=0 THEN INTT=R15151.;
IF R15153.>=0 & R15154.>=0 THEN FOODS=R15153.*R15154.;
IF R15156.>=0 & R15157.>=0 THEN AFDC=R15156.*R15157.;
IF R15159.>=0 & R15160.>=0 THEN SSI=R15159.*R15160.;

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IF R15162.>=0 THEN ALI=R15162.;
IF R15180.>=0 THEN CHILD=R15180.;
IF R15191.>=0 THEN OTHER=R15191.;
/* H RECEIVED CHILD SUPPORT */
IF R15187. >= 0 THEN SCHILD=R15187.;

IF (R15193.=1 | R15193.=3) & R15194.<=0 THEN FAM=0;
ELSE IF R15193.=2 THEN DO;
    IF R15194.= 1 THEN FAM= 2000;
    ELSE IF R15194.= 2 THEN FAM= 5000;
    ELSE IF R15194.= 3 THEN FAM= 6750;
    ELSE IF R15194.= 4 THEN FAM= 8250;
    ELSE IF R15194.= 5 THEN FAM= 12500;
    ELSE IF R15194.= 6 THEN FAM= 16250;
    ELSE IF R15194.= 7 THEN FAM= 18750;
    ELSE IF R15194.= 8 THEN FAM= 22500;
    ELSE IF R15194.= 9 THEN FAM= 30000;
    ELSE IF R15194.=10 THEN FAM= 42500;
    ELSE IF R15194.=11 THEN FAM= 62500;
    ELSE IF R15194.=12 THEN FAM= 87500;
    ELSE IF R15194.=13 THEN FAM=100000;
    ELSE IF R15194.= 0 THEN FAM= 0;
    ELSE IF R15194.= -1 THEN FAM= NA;
    ELSE IF R15194.=DK THEN FAM= NA;
END;
AA=0; BB=0; CC=0; DD=0; EE=0; FF=0;
IF RWAGE^=NA & RBUS^=NA & RUNEM^=NA & RSUB^=NA & RSOC^=NA & RVET^=NA &
RCOM^=NA & RSSD^=NA & RDIS^=NA THEN AA=1;
IF SWAGE^=NA & SBUS^=NA & SUNEM^=NA & SSUB^=NA THEN BB=1;
IF SSOC^=NA & SVET^=NA & SCOM^=NA & SSSD^=NA & SDIS^=NA THEN CC=1;
IF FARM^=NA & INTT^=NA & FOODS^=NA & RENT^=NA &
AFDC^=NA & SSI^=NA & ALI^=NA & CHILD^=NA & OTHER^=NA & SCHILD ^= NA &
FAM^=NA THEN DD=1;
IF REPRI^=NA & REMIL^=NA & REFED^=NA & RESTE^=NA & REUNI^=NA &
REIRA^=NA & REOTH^=NA THEN EE=1;
IF SREPRI^=NA & SREMIL^=NA & SREFED^=NA & SRESTE^=NA & SREUNI^=NA &
SREIRA^=NA & SREOTH^=NA THEN FF=1;

IF AA=1 & BB=1 & CC=1 & DD=1 & EE=1 & FF=1
THEN FAMINC=RWAGE+RBUS+RUNEM+RSUB+RSOC+RVET+RCOM+RSSD+RDIS+
REPRI+REMIL+REFED+RESTE+REUNI+REIRA+REOTH+
SWAGE+SBUS+SUNEM+SSUB+SSOC+
SVET+SCOM+SSSD+SDIS+
SREPRI+SREMIL+SREFED+SRESTE+SREUNI+SREIRA+SREOTH+
FARM+RENT+INTT+FOODS+AFDC+SSI+ALI+CHILD+OTHER+SCHILD+
FAM;
ELSE FAMINC=NA;

SUMMATION = NA;
IF R15716. >=1 THEN DO;
IF RWAGE > NA & RWAGE ^=DK & RWAGE ^= -2 & RWAGE ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = RWAGE + SUMMATION ;
ELSE SUMMATION = RWAGE ; END;
IF RBUS > NA & RBUS ^=DK & RBUS ^= -2 & RBUS ^= -1 THEN DO;

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IF SUMMATION \simeq NA THEN SUMMATION = RBUS + SUMMATION ;
ELSE SUMMATION = RBUS ; END;

IF RUNEM > NA & RUNEM \simeq DK & RUNEM \simeq -2 & RUNEM \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RUNEM + SUMMATION ;
ELSE SUMMATION = RUNEM ; END;

IF RSUB > NA & RSUB \simeq DK & RSUB \simeq -2 & RSUB \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RSUB + SUMMATION ;
ELSE SUMMATION = RSUB ; END;

IF RSOC > NA & RSOC \simeq DK & RSOC \simeq -2 & RSOC \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RSOC + SUMMATION ;
ELSE SUMMATION = RSOC ; END;

IF RVET > NA & RVET \simeq DK & RVET \simeq -2 & RVET \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RVET + SUMMATION ;
ELSE SUMMATION = RVET ; END;

IF RCOM > NA & RCOM \simeq DK & RCOM \simeq -2 & RCOM \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RCOM + SUMMATION ;
ELSE SUMMATION = RCOM ; END;

IF RSSD > NA & RSSD \simeq DK & RSSD \simeq -2 & RSSD \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RSSD + SUMMATION ;
ELSE SUMMATION = RSSD ; END;

IF RDIS > NA & RDIS \simeq DK & RDIS \simeq -2 & RDIS \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RDIS + SUMMATION ;
ELSE SUMMATION = RDIS ; END;

IF REPRI > NA & REPRI \simeq DK & REPRI \simeq -2 & REPRI \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REPRI + SUMMATION ;
ELSE SUMMATION = REPRI ; END;

IF REMIL > NA & REMIL \simeq DK & REMIL \simeq -2 & REMIL \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REMIL + SUMMATION ;
ELSE SUMMATION = REMIL ; END;

IF REFED > NA & REFED \simeq DK & REFED \simeq -2 & REFED \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REFED + SUMMATION ;
ELSE SUMMATION = REFED ; END;

IF RESTE > NA & RESTE \simeq DK & RESTE \simeq -2 & RESTE \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = RESTE + SUMMATION ;
ELSE SUMMATION = RESTE ; END;

IF REUNI > NA & REUNI \simeq DK & REUNI \simeq -2 & REUNI \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REUNI + SUMMATION ;
ELSE SUMMATION = REUNI ; END;

IF REIRA > NA & REIRA \simeq DK & REIRA \simeq -2 & REIRA \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REIRA + SUMMATION ;
ELSE SUMMATION = REIRA ; END;

IF REOTH > NA & REOTH \simeq DK & REOTH \simeq -2 & REOTH \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = REOTH + SUMMATION ;
ELSE SUMMATION = REOTH ; END;

IF SWAGE > NA & SWAGE \simeq DK & SWAGE \simeq -2 & SWAGE \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = SWAGE + SUMMATION ;
ELSE SUMMATION = SWAGE ; END;

IF SBUS > NA & SBUS \simeq DK & SBUS \simeq -2 & SBUS \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = SBUS + SUMMATION ;
ELSE SUMMATION = SBUS ; END;

IF SUNEM > NA & SUNEM \simeq DK & SUNEM \simeq -2 & SUNEM \simeq -1 THEN DO;
IF SUMMATION \simeq NA THEN SUMMATION = SUNEM + SUMMATION ;
ELSE SUMMATION = SUNEM ; END;

IF SSUB > NA & SSUB \simeq DK & SSUB \simeq -2 & SSUB \simeq -1 THEN DO;

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IF SUMMATION ^= NA THEN SUMMATION = SSUB + SUMMATION ;
ELSE SUMMATION = SSUB ; END;
IF SSOC > NA & SSOC ^= DK & SSOC ^= -2 & SSOC ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SSOC + SUMMATION ;
ELSE SUMMATION = SSOC ; END;
IF SVET > NA & SVET ^= DK & SVET ^= -2 & SVET ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SVET + SUMMATION ;
ELSE SUMMATION = SVET ; END;
IF SCOM > NA & SCOM ^= DK & SCOM ^= -2 & SCOM ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SCOM + SUMMATION ;
ELSE SUMMATION = SCOM ; END;
IF SSSD > NA & SSSD ^= DK & SSSD ^= -2 & SSSD ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SSSD + SUMMATION ;
ELSE SUMMATION = SSSD ; END;
IF SDIS > NA & SDIS ^= DK & SDIS ^= -2 & SDIS ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SDIS + SUMMATION ;
ELSE SUMMATION = SDIS ; END;
IF SREPRI> NA & SREPRI^=DK & SREPRI^=-2 & SREPRI^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREPRI+ SUMMATION ;
ELSE SUMMATION = SREPRI; END;
IF SREMIL> NA & SREMIL^=DK & SREMIL^=-2 & SREMIL^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREMIL+ SUMMATION ;
ELSE SUMMATION = SREMIL; END;
IF SREFED> NA & SREFED^=DK & SREFED^=-2 & SREFED^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREFED+ SUMMATION ;
ELSE SUMMATION = SREFED; END;
IF SRESTE> NA & SRESTE^=DK & SRESTE^=-2 & SRESTE^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SRESTE+ SUMMATION ;
ELSE SUMMATION = SRESTE; END;
IF SREUNI> NA & SREUNI^=DK & SREUNI^=-2 & SREUNI^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREUNI+ SUMMATION ;
ELSE SUMMATION = SREUNI; END;
IF SREIRA> NA & SREIRA^=DK & SREIRA^=-2 & SREIRA^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREIRA+ SUMMATION ;
ELSE SUMMATION = SREIRA; END;
IF SREOTH> NA & SREOTH^=DK & SREOTH^=-2 & SREOTH^=-1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SREOTH+ SUMMATION ;
ELSE SUMMATION = SREOTH; END;
IF FARM > NA & FARM ^= DK & FARM ^= -2 & FARM ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = FARM + SUMMATION ;
ELSE SUMMATION = FARM ; END;
IF RENT > NA & RENT ^= DK & RENT ^= -2 & RENT ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = RENT + SUMMATION ;
ELSE SUMMATION = RENT ; END;
IF INTT > NA & INTT ^= DK & INTT ^= -2 & INTT ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = INTT + SUMMATION ;
ELSE SUMMATION = INTT ; END;
IF FOODS > NA & FOODS ^= DK & FOODS ^= -2 & FOODS ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = FOODS + SUMMATION ;
ELSE SUMMATION = FOODS ; END;
IF AFDC > NA & AFDC ^= DK & AFDC ^= -2 & AFDC ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = AFDC + SUMMATION ;
ELSE SUMMATION = AFDC ; END;
IF SSI > NA & SSI ^= DK & SSI ^= -2 & SSI ^= -1 THEN DO;

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IF SUMMATION ^= NA THEN SUMMATION = SSI + SUMMATION ;
ELSE SUMMATION = SSI ; END;
IF ALI > NA & ALI ^= DK & ALI ^= -2 & ALI ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = ALI + SUMMATION ;
ELSE SUMMATION = ALI ; END;
IF CHILD > NA & CHILD ^= DK & CHILD ^= -2 & CHILD ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = CHILD + SUMMATION ;
ELSE SUMMATION = CHILD ; END;
IF OTHER > NA & OTHER ^= DK & OTHER ^= -2 & OTHER ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = OTHER + SUMMATION ;
ELSE SUMMATION = OTHER ; END;
IF SCHILD > NA & SCHILD ^= DK & SCHILD ^= -2 & SCHILD ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = SCHILD + SUMMATION ;
ELSE SUMMATION = SCHILD ; END;
IF FAM > NA & FAM ^= DK & FAM ^= -2 & FAM ^= -1 THEN DO;
IF SUMMATION ^= NA THEN SUMMATION = FAM + SUMMATION ;
ELSE SUMMATION = FAM ; END; /* SUMMATION */

END; /* INTERVIEWED */

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/* WORK, WUMP, WOLF - THE KEY VARIABLES HAD TO BE DONE DIFFERENTLY FROM THE PAST BECAUSE OF THE CHANGES ON THE QUESTIONNAIRE, GIVEN THIS WE WILL CONTINUE TO BE CONSISTENT WITH THE LAST SEVERAL YEARS CREATION. WE PICK UP THE ITEMS DIRECTLY FROM THE QUESTIONNAIRE, CHECK THEM FOR CONSISTENCY AND CONTINUITY. THEN WE WILL USE THESE ANSWERS AS THE BASIS FOR THE KEYS, SUMMING ACROSS THE YEARS. */

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WORK, WUMP, WOLF = NA;

WORK1, WUMP1, WOLF1, WILF1 = NA;
IF R13688. = 1 THEN WORK1 = 0;
IF R13688. = 1 THEN WUMP1 = 0;
IF R13688. = 1 THEN WOLF1 = 52;
IF R13688. = 3 THEN WORK1 = 0;
IF R13688. = 3 THEN WUMP1 = 0;
IF R13688. = 3 THEN WOLF1 = 52;
IF R13845. = 1 THEN WORK1 = 0;
IF R13845. = 1 THEN WUMP1 = 0;
IF R13845. = 1 THEN WOLF1 = 52;
IF R14191. = 1 | R14191. = 2 THEN WORK1 = 0;
IF R14192. >= 0 THEN WORK1 = R14192.;
IF R14194. = 1 & R14197. = NA THEN WUMP1 = 0;
IF R14197. >= 0 THEN WUMP1 = R14197.;
IF WORK1 = 52 & WUMP1 = NA THEN WUMP1 = 0;
IF WORK1 >= 0 & WUMP1 >= 0 THEN WILF1 = WORK1 + WUMP1;
IF WILF1 >= 0 THEN WOLF1 = 52 - WILF1;
IF WOLF1 < 0 THEN WOLF1 = NA;

IF R14209. = 0 & R14210. = NA THEN R14210. = 0;
IF R14212. = 0 & R14213. = NA THEN R14213. = 0;

IF R14201. = 1 & R14202. = NA THEN R14202. = 0;
IF R14201. = 1 & R14202. = NA THEN R14205. = 0;

```

```

WORK2, WUMP2, WOLF2, WILF2 = NA;
IF R13688. = 1 THEN WORK2 = 0;
IF R13688. = 1 THEN WUMP2 = 0;
IF R13688. = 1 THEN WOLF2 = 52;
IF R13688. = 3 THEN WORK2 = 0;
IF R13688. = 3 THEN WUMP2 = 0;
IF R13688. = 3 THEN WOLF2 = 52;
IF R13845. = 1 THEN WORK2 = 0;
IF R13845. = 1 THEN WUMP2 = 0;
IF R13845. = 1 THEN WOLF2 = 52;
IF R14191. = 1 | R14191. = 2 THEN WORK2 = 0;
IF R14202. >= 0 THEN WORK2 = R14202.;
IF R14208. = 1 & R14210. = NA THEN WUMP2 = 0;
IF R14210. >= 0 THEN WUMP2 = R14210.;
IF WORK2 = 52 & WUMP2 = NA THEN WUMP2 = 0;
IF WORK2 >= 0 & WUMP2 >= 0 THEN WILF2 = WORK2 + WUMP2;
IF WILF2 >= 0 THEN WOLF2 = 52 - WILF2 ;
IF WOLF2 < 0 THEN WOLF2 = NA;

WORK3, WUMP3, WOLF3, WILF3 = NA;
IF R13688. = 1 THEN WORK3 = 0;
IF R13688. = 1 THEN WUMP3 = 0;
IF R13688. = 1 THEN WOLF3 = 52;
IF R13688. = 3 THEN WORK3 = 0;
IF R13688. = 3 THEN WUMP3 = 0;
IF R13688. = 3 THEN WOLF3 = 52;
IF R13845. = 1 THEN WORK3 = 0;
IF R13845. = 1 THEN WUMP3 = 0;
IF R13845. = 1 THEN WOLF3 = 52;
IF R14191. = 1 | R14191. = 2 THEN WORK3 = 0;
IF R14205. >= 0 THEN WORK3 = R14205.;
IF R14211. = 1 & R14213. = NA THEN WUMP3 = 0;
IF R14213. >= 0 THEN WUMP3 = R14213.;
IF WORK3 = 52 & WUMP3 = NA THEN WUMP3 = 0;
IF WORK3 >= 0 & WUMP3 >= 0 THEN WILF3 = WORK3 + WUMP3;
IF WILF3 >= 0 THEN WOLF3 = 52 - WILF3 ;
IF WOLF3 < 0 THEN WOLF3=NA;

IF WORK3 >=0 & WORK2 >=0 & WORK1 >=0
THEN WORK = WORK3 + WORK2 + WORK1;
IF WUMP3 >=0 & WUMP2 >=0 & WUMP1 >=0
THEN WUMP = WUMP3 + WUMP2 + WUMP1;
IF WOLF3 >=0 & WOLF2 >=0 & WOLF1 >=0
THEN WOLF = WOLF3 + WOLF2 + WOLF1;

IF WORK = 156 THEN DO;
  IF WUMP=NA THEN WUMP=0;
  IF WOLF=NA THEN WOLF=0;
END;

IF WORK >= 0 & WUMP >= 0 & WOLF=NA
  THEN WOLF=156-(WORK+WUMP);
IF WOLF < 0 THEN WOLF=NA;

```

```

/* ADJUSTED HOURS */
ADJHRC = R13730.;
ADJHRD = R13831.;

IF R13745. = 0 THEN ADJHRC = R13746.;
IF R13835. = 0 THEN ADJHRD = R13836.;

/* HOURLY RATE OF PAY AT CURRENT OR LAST JOB 93 - KEY */
/* COMBINATION OCCURRED BEFORE THIS CREATION */
/* CODE 1 IS FOR STANDARD KEY PAY */
/* CODE 2 IS STANDARD DUAL KEY */
/* CODE 3 IS TEACHERS */
/* CODE 4 IS FOR STANDARD NON KEY PAY */
/* THRP93 THRPCUR, TURPCUR, ESRCUR, NUMMNTHS, USHRSWEK, COWCUR, RPCUR, */
/* HRP93 HRPCUR, TURPCUR, ESRCUR, USHRS DAY, USHRSWEK, COWCUR, RPCUR, */
DCL TEAPR FLOAT DEC(6); TEAPR = NA;
IF (R13725.> 0 & R13726.> 0) & (R13723.= NA & R13721.= NA) THEN
CALL HRLYRP(TEAPR, R13723., R15716., R13726., ADJHRC, R13711., R13725.,3 );
ELSE
CALL HRLYRP(R13721.10, R13723., R15716., R13729., ADJHRC, R13711., R13721.,1 );
IF R13721.10 = NA & TEAPR ^= NA THEN R13721.10 = TEAPR;

/* HOURLY RATE OF PAY AT CURRENT OR LAST DUAL JOB 93 -NON-KEY */
/* COMBINATION OCCURRED BEFORE THIS CREATION */
/* CODE 1 IS FOR STANDARD KEY PAY */
/* CODE 2 IS STANDARD DUAL KEY */
/* CODE 3 IS TEACHERS */
/* CODE 4 IS FOR STANDARD NON KEY PAY */
/* DTHRP93 DTHRPCUR, DTURPCUR, ESRCUR, DNUMMNTHS, DUSHRSWEK, DCOWCUR,
DRPCUR,*/
/* DHRP93 DHRPCUR, DTURPCUR, ESRCUR, DUSHRS DAY, DUSHRSWEK, DCOWCUR,
DRPCUR,*/
DCL DTEAPR FLOAT DEC(6); DTEAPR = NA;
IF (R13826.> 0 & R13827.> 0) & (R13824.= NA & R13822.= NA) THEN
CALL HRLYRP(DTEAPR, R13824., R15716., R13827., ADJHRD, R13817., R13826.,3 );
ELSE
CALL HRLYRP(R13822.10, R13824., R15716., R13830., ADJHRD, R13817., R13822.,1 );
IF R13822.10 = NA & DTEAPR ^= NA THEN R13822.10 = DTEAPR;

/* HOURLY RATE OF PAY AT CURRENT OR LAST JOB AND DUAL FOR HUSBAND 92 -
NON-KEY */
/* HUSBAND C/L */
/* HRP93 HRPCUR, TURPCUR, ESRCUR, USHRS DAY, USHRSWEK, COWCUR, RPCUR, */
CALL HRLYRP(R15321.10, R15323., R15716., R15327., R15328., R15314., R15321.,1 );

/* HUSBAND DUAL */
/* HRP93 HRPCUR, TURPCUR, ESRCUR, USHRS DAY, USHRSWEK, COWCUR, RPCUR, */
CALL HRLYRP(R15367.10), R15369., R15716., R15373., R15374., R15363., R15367.,1 );

/* HOURLY RATE OF PAY AT 1ST MOST REC INTV JOB 93 - R NON-KEY */
/* 1HRP93R HRPCUR, TURPCUR, ESRCUR, USHRS DAY, USHRSWEK, COWCUR, RPCUR FLAG*/

```

```
CALL HRLYRP(R13857.10,R13859.,R15716.,R13861.,R13862.,R13853.,R13857.4 );

/* HOURLY RATE OF PAY AT 2ND MOST REC INTV JOB 93 - R NON-KEY */
/* 2H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R13900.10,R13902.,R15716.,R13904.,R13896.,R13900.4 );

/* HOURLY RATE OF PAY AT 3RD MOST REC INTV JOB 93 - R NON-KEY */
/* 3H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R13943.10,R13945.,R15716.,R13947.,R13948.,R13939.,R13943.4 );

/* HOURLY RATE OF PAY AT 4TH MOST REC INTV JOB 93 - R NON-KEY */
/* 4H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R13986.10,R13988.,R15716.,R13990.,R13991.,R13982.,R13986.4 );

/* HOURLY RATE OF PAY AT 5TH MOST REC INTV JOB 93 - R NON-KEY */
/* 5H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R14029.10,R14031.,R15716.,R14033.,R14034.,R14025.,R14029.4 );

/* HOURLY RATE OF PAY AT 6TH MOST REC INTV JOB 93 - R NON-KEY */
/* 6H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R14072.10,R14074.,R15716.,R14076.,R14077.,R14068.,R14072.4 );

/* HOURLY RATE OF PAY AT 7TH MOST REC INTV JOB 93 - R NON-KEY */
/* 7H93R HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R14115.10,R14117.,R15716.,R14119.,R14120.,R14111.,R14115.4 );

/* HOURLY RATE OF PAY AT 1ST MOST REC INTV JOB 93 - H NON-KEY */
/* 1H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15391.10,R15393.,R15716.,R15395.,R15396.,R15387.,R15391.4 );

/* HOURLY RATE OF PAY AT 2ND MOST REC INTV JOB 93 - H NON-KEY */
/* 2H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15432.10,R15434.,R15716.,R15436.,R15437.,R15428.,R15432.4 );

/* HOURLY RATE OF PAY AT 3RD MOST REC INTV JOB 93 - H NON-KEY */
/* 3H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15473.10,R15475.,R15716.,R15477.,R15478.,R15469.,R15473.4 );

/* HOURLY RATE OF PAY AT 4TH MOST REC INTV JOB 93 - H NON-KEY */
/* 4H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15514.10,R15516.,R15716.,R15518.,R15519.,R15510.,R15514.4 );

/* HOURLY RATE OF PAY AT 5TH MOST REC INTV JOB 93 - H NON-KEY */
/* 5H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15555.10,R15557.,R15716.,R15559.,R15560.,R15551.,R15555.4 );

/* HOURLY RATE OF PAY AT 6TH MOST REC INTV JOB 93 - H NON-KEY */
/* 6H93H HRPCUR,TURPCUR,ESRCUR, USHRS DAY, USHRS WEK, COWCUR,RPCUR FLAG*/
CALL HRLYRP(R15596.10,R15598.,R15716.,R15600.,R15601.,R15592.,R15596.4 );
```

R13725.10 = TEAPR;
R13826.10 = DTEAPR;
R13652.10 = RNI93;
R15792. = WORK;
R15793. = WUMP;
R15794. = WOLF;
R15795. = FAMINC;
R15796. = SUMMATION;

/* TOTAL FAMILY ASSETS EXCLUDING CAR NOT COMPUTED FOR 1991 */
ASSET,HOUSE,PROPDEBT,SAVE,BOND,STOCK,LOAN,IFARM,IBUS,IREAL,DEBT=NA;
ASEXCAR=NA;
C=0;
IF R15716.>=1 & R15716.<=8 THEN DO;
IF R15015.=0 & (R15016.<0 | R15016.=NA | R15016.=DK | R15016.= -1 |
R15016.= -2) & (R15017.<0 | R15017.=NA | R15017.=DK | R15017.= -1 |
R15017.= -2) THEN HOUSE=0;
IF R15017.>=0 & R15019.>=0 THEN PROPDEBT = R15017. + R15019.;
IF R15017.=NA & R15019.>=0 THEN PROPDEBT = R15019.;
IF R15017.>=0 & R15019.=NA THEN PROPDEBT = R15017.;
IF R15017.= -1 | R15019.= -1 THEN PROPDEBT = NA;
ELSE IF R15016.>=0 & PROPDEBT >= 0 THEN HOUSE=R15016.-PROPDEBT;
/* HOUSE VALUE INCLUDED IN FARM */
IF R15031.=1 & R15016.<=R15030. &
R15017.<=R15032. & R15030.^=NA &
R15032.^=NA THEN HOUSE=0;
IF HOUSE^=NA THEN ASSET=HOUSE;
ELSE C=1;
IF (R15021.=0 | R15150.=0) & (R15022.<0 | R15022.=NA | R15022.=DK |
R15022.= -1 | R15022.= -2) THEN SAVE=0;
ELSE IF R15022.>=0 THEN SAVE=R15022.;
IF SAVE^=NA THEN ASSET=ASSET+SAVE;
ELSE C=C+1;
IF (R15023.=0 | R15150.=0) & (R15024.<0 | R15024.=NA | R15024.=DK |
R15024.= -1 | R15024.= -2) THEN BOND=0;
ELSE IF R15024.>=0 THEN BOND=R15024.;
IF BOND^=NA THEN ASSET=ASSET+BOND;
ELSE C=C+1;
IF (R15025.=0 | R15150.=0) & (R15026.<0 | R15026.=NA | R15026.=DK |
R15026.= -1 | R15026.= -2) THEN STOCK=0;
ELSE IF R15026.>=0 THEN STOCK=R15026.;
IF STOCK^=NA THEN ASSET=ASSET+STOCK;
ELSE C=C+1;
IF R15027.=0 & (R15028.<0 | R15028.=NA | R15028.=DK |
R15028.= -1 | R15028.= -2) THEN LOAN=0;
ELSE IF R15028.>=0 THEN LOAN=R15028.;
IF LOAN^=NA THEN ASSET=ASSET+LOAN;
ELSE C=C+1;
IF (R15029.=0 | R15143.=0) & (R15030.<0 | R15030.=NA | R15030.=DK |
R15030.= -1 | R15030.= -2) & (R15032.<0 | R15032.=NA | R15032.=DK |
R15032.= -1 | R15032.= -2) THEN IFARM=0;
ELSE IF R15030.>=0 & R15032.>=0 THEN IFARM=R15030.-R15032.;
IF IFARM^=NA THEN ASSET=ASSET+IFARM;

```

ELSE C=C+1;
IF (R15106.=0 | R15066.=0 | R15106.=0) & (R15035.<0 | R15035.=NA | R15035.=DK |
R15035.=-1 | R15035.=-2) & (R15036.<0 | R15036.=NA | R15036.=DK |
R15036.=-1 | R15036.=-2) THEN IBUS=0;
ELSE IF R15035.>=0 & R15036.>=0 THEN IBUS=R15035.-R15036.:
IF IBUS^=NA THEN ASSET=ASSET+IBUS;
ELSE C=C+1;
IF (R15038.=0 | R15146.=0) & (R15039.<0 | R15039.=NA | R15039.=DK |
R15039.=-1 | R15039.=-2) & (R15040.<0 | R15040.=NA | R15040.=DK |
R15040.=-1 | R15040.=-2) & (R15042.<0 | R15042.=NA | R15042.=DK |
R15042.=-1 | R15042.=-2) THEN IREAL=0;
ELSE IF R15039.>=0 & R15040.>=0 & R15042.>=0
THEN IREAL=R15039.-R15040.-R15042.:
IF IREAL^=NA THEN ASSET=ASSET+IREAL;
ELSE C=C+1;
IF R15050.=0 & (R15051.<0 | R15051.=NA | R15051.=DK |
R15051.=-1 | R15051.=-2) THEN DEBT=0;
ELSE IF R15051.>=0 THEN DEBT=R15051.:
IF DEBT^=NA THEN ASSET=ASSET-DEBT;
ELSE C=C+1;
IF C>0 & ASSET>-99999 & ASSET<999999 THEN ASEXCAR=NA;
IF C=0 THEN DO;
  IF ASSET>NA & ASSET<=-99999 THEN ASEXCAR=-99999;
  IF ASSET>=999999 THEN ASEXCAR=999999;
  IF ASSET>-99999 & ASSET<999999 THEN ASEXCAR=ASSET;
  END;
END;
END;

R15797. = ASEXCAR;

```

HRLYRP:

```

PROCEDURE(HRPCUR,TURPCUR,ESRCUR,USHRS DAY,USHRSWEK,COWCUR,RPCUR,WGEFLG
);
/* NOTE IF PAY IS FOR TEACHERS THE ARGUMENT SENT IS MONTHS WORKED */
/* NOT HOURS PER DAY */
DCL ( HRPCUR, TURPCUR, ESRCUR,
      USHRS DAY, USHRSWEK, COWCUR, RPCUR , WGEFLG ) FLOAT DEC(6);
HRPCUR = NA;
IF ESRCUR >= 1 & ESRCUR <= 8 & (COWCUR = 1 | COWCUR = 2 | COWCUR >= 7)
  & (RPCUR ^= NA & RPCUR ^= -1) & TURPCUR ^= NA THEN DO;
IF TURPCUR = 1 THEN HRPCUR = RPCUR;
ELSE IF TURPCUR = 8 THEN HRPCUR = NA;
ELSE IF WGEFLG ^=4 & USHRS DAY ^= NA & TURPCUR = 2
THEN HRPCUR = RPCUR / (USHRS DAY * .01);
ELSE IF USHRSWEK ^= NA & TURPCUR >= 3 & TURPCUR <=7 THEN DO;
IF TURPCUR = 3 & USHRSWEK ^= 0 THEN HRPCUR = RPCUR / (USHRSWEK * .01);
ELSE IF (TURPCUR = 4 & USHRSWEK ^= 0) THEN HRPCUR = RPCUR/(USHRSWEK * .02);
ELSE IF (TURPCUR = 5 & USHRSWEK ^= 0) THEN HRPCUR = RPCUR/(USHRSWEK * .0216);
ELSE IF (TURPCUR = 6 & USHRSWEK ^= 0) THEN HRPCUR = RPCUR/(USHRSWEK * .0433);
ELSE IF (TURPCUR = 7 & USHRSWEK ^= 0) THEN HRPCUR = RPCUR/(USHRSWEK * .52);
HRPCUR = FLOOR(HRPCUR + .5);
IF HRPCUR < 1 | HRPCUR > 9999 THEN HRPCUR = NA;

```

```
    END; END;
IF ESRCUR >= 1 & ESRCUR <= 8 & (COWCUR = 1 | COWCUR = 2 | COWCUR >= 7)
& WGEFLG = 3 THEN DO;
HRCUR = (RPCUR/USHRSDAY)/(USHRSWEK * .0433);
HRCUR = FLOOR(HRCUR + .5);
IF HRCUR < 1 | HRCUR > 9999 THEN HRCUR = NA;
    END;
END HRLYRP;
ROPADJ:
PROCEDURE(DOLHRY,DOLOTH,UTROP);
DCL (DOLHRY,DOLOTH,UTROP) FLOAT DEC(6);
/* THIS SUBROUTINE USE THE VARS DOLHRY DOLLARS/CENTS PER HOUR */
/*          DOLOTH DOLLARS OTHER RATE OF PAY */
/*          UTROP TIME UNIT RATE OF PAY */
*/
IF DOLOTH = NA & DOLHRY ^= NA & DOLHRY ^= -1 THEN UTROP = 1;
IF DOLOTH ^= NA & DOLHRY ^= NA THEN UTROP = 1;
IF DOLOTH ^= NA & DOLHRY = NA THEN DOLHRY = DOLOTH;
RETURN;
END ROPADJ;
```

```
/* census procedure for topcoding*/
/* for asset and income items where the upper value
appeared to be high to the Census Bureau, they
calculated the mean of the highest three values and
replaced values greater than that mean with the mean value */
/* on R15030 AND R15035 CHRR took the mean
of the top 32 values and replaced values
greater than that mean with the mean value */


```

```
/* HAND EDITS - HIGHEST GRADE COMPLETED REVISED 1993*/
/* R15204.10 = HGC93*/
R15204.10 = NA;
IF R15716. >= 0 THEN R15204.10=R13464.10; /* R13464.10 IS HGC 91 */

/* CASES WHERE R HAS ATTENDED SCHOOL SINCE LAST INT
BUT IS NOT CURRENTLY ENROLLED AND HGC HAS INCREASED
SINCE LAST INT */
IF R15198. = 1 & R15199. = 0 & R13464.10 >= 0 &
R13464.10 < R15204. THEN R15204.10 = R15204.;

/* CASES WHERE R IS CURRENTLY ATTENDING AND HGC
SHOULD BE ONE LEVEL LOWER THAN GRADE ATTENDING NOW */
TEMP1=NA;
IF R15198. = 1 THEN TEMP1=R15201. - 2;
IF R15198. = 1 & R15199. = 1 & R13464.10 = TEMP1
THEN R15204.10 = R15201. - 1;

/* REST OF HAND EDITS */
```

```
IF R1. = 48 THEN R15204.10 = 15;
IF R1. = 93 THEN R15204.10 = 16;
IF R1. = 206 THEN R15204.10 = 17;
IF R1. = 485 THEN R15204.10 = 17;
IF R1. = 527 THEN R15204.10 = 16;
IF R1. = 644 THEN R15204.10 = 18;
IF R1. = 675 THEN R15204.10 = 18;
IF R1. = 1664 THEN R15204.10 = 17;
IF R1. = 2107 THEN R15204.10 = 12;
IF R1. = 2191 THEN R15204.10 = 17;
IF R1. = 2298 THEN R15204.10 = 15;
IF R1. = 2480 THEN R15204.10 = 13;
IF R1. = 2536 THEN R15204.10 = 17;
IF R1. = 2783 THEN R15204.10 = 9;
IF R1. = 2996 THEN R15204.10 = 13;
IF R1. = 3100 THEN R15204.10 = 11;
IF R1. = 3210 THEN R15204.10 = 16;
IF R1. = 3266 THEN R15204.10 = 12;
IF R1. = 3480 THEN R15204.10 = 17;
IF R1. = 3754 THEN R15204.10 = 16;
IF R1. = 4022 THEN R15204.10 = 14;
IF R1. = 4264 THEN R15204.10 = 14;
IF R1. = 4370 THEN R15204.10 = 12;
IF R1. = 4798 THEN R15204.10 = 18;
IF R1. = 4850 THEN R15204.10 = 16;
```

```
/* GO BACK IN TIME FOR 91 NONINTERVIEWS */
```

```
IF R15204.10 < 0 & R13464.10 < 0 & R15716. >= 0 THEN DO;
IF R12151.10 >= 0
  THEN R15204.10 = R12151.10;
ELSE IF R12151.10 < 0 & R10974.10 >= 0
  THEN R15204.10 = R10974.10;
ELSE IF R10974.10 < 0 & R10516.10 >= 0
  THEN R15204.10 = R10516.10;
ELSE IF R10516.10 < 0 & R09295.10 >= 0
  THEN R15204.10 = R09295.10;
END;
```

```
/* CORRECTIONS ON CASE ID 124 */
```

```
IF R1. = 124 THEN R15204.10 = 0;
IF R1. = 124 THEN R12151.10 = 0;
IF R1. = 124 THEN R13464.10 = 0;
```

```
/* OTHER HAND EDITS NOT PICKED UP IN ABOVE CODE */
```

```
IF R1. = 1406 THEN R15204.10 = 18;
IF R1. = 4570 THEN R15204.10 = 12;
IF R1. = 5105 THEN R15204.10 = 12;
```

```
/* MAKE SURE IF NOT INTERVIEWED HGC=NA */
IF R15716. < 0 THEN R15204.10 = NA;
```