

APPENDIX 9 - 1977 KEY VARIABLES - MATURE WOMEN
 CREATE NUMBER OF WEEKS_WORKED, WEEKS_UNEMPLOYED AND
 WEEKS_OUT_OF_LABOR_FORCE BETWEEN 1976 AND 1977 SURVEY YEARS

BEGIN;

DCL A(104) FLOAT DEC(6),
 CK(7) FLOAT DEC(6),
 WNW(7) FLOAT DEC(6),
 REASON(7) FLOAT DEC(6),
 ALT(7) FLOAT DEC(6),
 MON(7) FLOAT DEC(6),
 DAY(7) FLOAT DEC(6),
 YEAR(7) FLOAT DEC(6),
 SWN(7) FLOAT DEC(6),
 SUMP(7) FLOAT DEC(6),
 STARM(7) FLOAT DEC(6),
 STARD(7) FLOAT DEC(6),
 STARY(7) FLOAT DEC(6),
 STOPM(7) FLOAT DEC(6),
 STGPD(7) FLOAT DEC(6),
 STGPY(7) FLOAT DEC(6),
 WEEK(7) FLOAT DEC(6),
 SCK(7) FLOAT DEC(6),
 LY FLOAT DEC(6),
 LD FLOAT DEC(6),
 LY FLOAT DEC(6),
 WL FLOAT DEC(6),
 SM FLOAT DEC(6),
 SD FLOAT DEC(6),
 SY FLOAT DEC(6),
 FW FLOAT DEC(6);

DUMP=R(3326.); IF DUMP=3 THEN DUMP=2;
 DOLF=R(3330.); IF DOLF=3 THEN DOLF=2;

A = NA;
 WNW, STOPD = NA;
 B, C, D, E, F, G, P, R, S, T, V, W, Z = NA;
 WBID, LM, LD, LY, WL, SM, SD, SY = NA;
 WORK, WUMP, WOLF, NW, H = 0;
 L, FW = 1;

IF R(3290.) = NA & R(3291.) = NA & R(3292.) = NA
 THEN T = FUN(R(3290.), R(3291.), R(3292.));
 H = 1;
 IF R(4507.) = NA & R(4508.) = NA & R(4509.) = NA
 THEN S = FUN(R(4507.), R(4508.), R(4509.));
 ELSE IF R(3080.) = NA & R(3081.) = NA
 THEN S = FUN(R(3080.), R(3081.), 76);
 IF S = NA & T = NA THEN DO;
 WBID = T - S + 1;
 DO K = S TO T;
 A(K) = 0;
 END;
 END;
 ELSE GOTO DAEND;

H = .5;

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SM = R(3349.);
SD = R(3350.);
SY = R(3351.);
END;
ELSE IF R(3342.) = 0 & R(3348.) = NA THEN DO;
SM = R(3346.);
SD = R(3347.);
SY = R(3348.);
END;
ELSE IF R(3341.) = NA THEN DO;
SM = R(3339.);
SD = R(3340.);
SY = R(3341.);
END;
IF SY = NA & SD = NA & SM = NA &
R(3458.) = SY & R(3456.) = SM - 1
& R(3457.) = NA THEN DO;
SD = 1;
STOPD(1) = 30;
END;
IF SY > 0 THEN DO;
IF SY < 76 THEN P = S;
ELSE IF SM > 0 THEN P = FUN(SM,SD,SY);
IF P > 0 & T >= P THEN DO K = P TO T;
A(K) = 1;
END;
IF R(3428.) = 0
THEN DO;
IF R(3429.) = NA
THEN DO;
B = 1;
IF P = NA THEN V = FLCOR((T - P - R(3429.)
+ 1) / 2 + P);
ELSE V = T - R(3429.);
IF P = NA & T - P + 1 < R(3429.)
THEN GOTO DAEND;
DO K = V TO T WHILE(R(3429.) >= B);
IF R(3430.) > 0 THEN DO;
IF R(3430.) = 5 THEN A(K) = 4;
ELSE A(K) = 5;
END;
ELSE DO;
WUMP,WOLF = NA;
A(K) = 2;
END;
B = B + 1;
END;
END;
ELSE DO;
NW,WORK = NA;
IF P > 0 & T >= P THEN DO K = P TO T;
A(K) = 3;
END;
IF R(3430.) > 0 THEN DO;
IF R(3430.) = 5
THEN WUMP = NA;
ELSE WOLF = NA;
END;
ELSE WOLF,WUMP = NA;
END;
END;

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IF R(3421.) = NA
  THEN DO;
    IF R(3421.) < 76 THEN D = S;
ELSE IF R(3419.) = NA THEN D = FUN(R(3419.),R(3420.),
    R(3421.));
    IF D > 0 & T >= 0 THEN DO K = D TO T;
      IF A(K) = 0 THEN A(K) = 1;
    END;
  END;
END;

ELSE IF R(4511.) >= 3 & R(4511.) <= 8
  THEN DO;
    IF DUMP = 1 THEN DO;
      LM = R(3323.);
      LD = R(3324.);
      LY = R(3325.);
    END;
    ELSE IF DOLF = 1 THEN DO;
      LM = R(3327.);
      LD = R(3328.);
      LY = R(3329.);
    END;
    IF LM > 0 & LY > 0 THEN C = FUN(LM,LD,LY);
    IF C = NA & R(3433.) > 0 THEN C = T - R(3433.) + 1;
    IF R(3433.) = NA & R(3433.) = R(3434.) &
C = NA & C = T - R(3433.) + 1
      THEN WL = T - C + 1;
      ELSE WL = R(3434.);
    IF C = NA THEN DO;
      IF WL > 0 & R(3433.) = NA & ABS(T - C - R(3433.)) > 2
        & WL = T - C + 1 THEN WL = NA;
      IF C < S THEN C = S;
      W = 1;
      IF T >= C THEN DO K = C TO T;
        IF WL >= 0 THEN DO;
          IF WL >= W THEN A(K) = 4;
            ELSE A(K) = 5;
          W = W + 1;
        END;
        ELSE DO;
          WUMP,WOLF = NA;
          A(K) = 2;
        END;
      END;
    END;
  END;
  IF DUMP = 1 & DOLF = 1
    THEN DO;
      IF R(3438.) = NA
        THEN DO;
          WORK,WOLF,NW = NA;
          IF R(3439.) = 0 & R(3440.) = NA THEN WUMP=NA
        ELSE IF R(3440.) > 0
          THEN DO K = T TO S BY -1;
            IF L <= R(3440.) THEN A(K) = 4;
              ELSE A(K) = 3;
            L = L + 1;
          END;
        END;
      END;
    END;
  END;

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```

A(K) = 1;
FW = FW + 1;
END;
ELSE DO;
  IF R(3439.) = 0 | R(3440.) > 0
  THEN DO;
    IF L <= R(3440.)
    THEN A(K) = 4;
    ELSE A(K) = 5;
    L = L + 1;
    END;
  ELSE DO;
    WUMP,WOLF = NA;
    A(K) = 2;
    END;
  END;
END;
END;
END;
END;

J = 1;
DO I = 4165 TO 4273 BY 36;
  CK(J) = X (I + 19);   WNW(J) = X (I + 20);   REASON(J) = X (I + 21);
  STOPY(J) = X (I + 14); WEEK(J) = 1;         SCK(J) = X (I + 27);
  STOPM(J) = X (I + 12); IF STOPD(J) = NA THEN STOPD(J) = X (I + 13);
  STARM(J) = X (I + 9);  STARD(J) = X (I + 10); STARY(J) = X (I + 11);
  YEAR(J) = X (I + 30);  SWN(J) = X (I + 31);  SUMP(J) = X (I + 32);
  ALT(J) = X (I + 22);  MON(J) = X (I + 28);   DAY(J) = X (I + 29);
  J = J + 1;
END;
DO J=1 TO 4;
  E,F,G = NA;
  IF STOPY(J) = -1
  THEN DO;
    STOPM(J) = R(3290.);
    STOPD(J) = R(3291.);
    STOPY(J) = R(3292.);
    END;
  IF STARY(J) = NA | STOPY(J) = NA
  THEN DO;
    IF STARY(J) > 0 THEN DO;
      IF STARY(J) < 76 THEN E = S;
      ELSE IF STARM(J) > 0 THEN E =
        FUN(STARM(J),STARD(J),STARY(J));
      END;
    IF STOPM(J) > 0 & STOPY(J) > 0 THEN F =
      FUN(STOPM(J),STOPD(J),STOPY(J));
    IF STOPY(J) = NA & STOPM(J) = NA & STOPD(J) = NA
    & SCK(J) = 0 & STOPY(J) = STARY(J + 1) & STARM(J) =
    STOPM(J + 1) -1 & STARD(J + 1) = NA
    THEN DO;
      E = FUN(STARM(J),1,STARY(J));
      STOPD(J + 1) = 30;
      END;
    IF E > 0 & F >= E & WORK = NA
    THEN DO K = E TO F;
      IF A(K) = 0 | A(K) = 3
      THEN A(K) = 1;
    END;
  END;

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THEN E = FUN(STARM(J),
              STARD(J), STARY(J));
ELSE E = FUN(1,1,STARY(J));
ELSE E = S;
IF STOPY(J) > 0
THEN IF STOPM(J) > 0
      THEN F = FUN(STOPM(J),
                  STOPD(J), STOPY(J));
ELSE F = FUN(12,31,STOPY(J));
      ELSE F = T;
IF F > T THEN F = T;
IF E > 0 & F >= E THEN DO K = E TO F;
                        IF A(K) = 0
                        THEN A(K) = 3;
                        END;
END;
IF CK(J) = 0 & ALT(J) = 1
THEN DO;
  IF WNW(J) = NA
  THEN DO;
    IF REASON(J) > 0
    THEN DO;
      IF REASON(J) = 5
      THEN WUMP = NA;
      ELSE WOLF = NA;
      END;
    ELSE WUMP, WOLF = NA;
    WORK, NW = NA;
    IF E > 0 & F >= E
    THEN DO K = E TO F;
          A(K) = 3;
          END;
    END;
  ELSE IF WNW(J) > 0 & E > 0 & F >= E
  THEN DO;
    Z = FLOOR((F - E - WNW(J)
              + 1) / 2 + E);
    IF F - E + 1 < WNW(J)
    THEN GOTO DAEND;
    ELSE DO K = Z TO F WHILE
          (WNW(J) >= WEEK(J));
          IF REASON(J) > 0
          THEN DO;
            IF REASON(J) = 5
            THEN DO;
              IF WUMP = NA
              THEN A(K)=4;
              ELSE A(K)=2;
              END;
            ELSE DO;
              IF WOLF = NA
              THEN A(K)=5;
              ELSE A(K)=2;
              END;
            END;
          END;
    ELSE DO;
      WOLF, WUMP = NA;
      A(K) = 2;
      END;
  END;

```

END;

END;

```
IF SCK(J) = 1 | (J = 1 & R(3432.) = 1) | YEAR(J) = NA
  THEN DO;
```

```
IF MON(J) = R(4507.) & YEAR(J) = R(4509.) & DAY(J) = NA
  THEN DAY(J) = 1;
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```
IF YEAR(J) = NA
  THEN DO;
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```
IF YEAR(J) < 76 THEN G = 5;
ELSE IF MON(J) > 0 THEN G = FUN(MON(J), DAY(J),
  YEAR(J));
```

END;

U = 1;

```
IF J = 1 & R(3432.) = 1 THEN E = P;
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IF E = NA & SWN(J) = NA & G = NA THEN G = E - SWN(J);
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```
IF SWN(J) = SUMP(J) & E = NA & G = NA & SUMP(J) = NA
  & SUMP(J) = E - G THEN SUMP(J) = E - G;
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```
IF G > 0 & E > G
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```
  THEN DO;
```

```
IF SWN(J) > 0 & ABS(E - G - SWN(J)) > 1
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  & SUMP(J) = E - G & SUMP(J) > 0
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```
    THEN SUMP(J) = NA;
```

```
DO K = G TO E - 1;
```

```
IF SUMP(J) >= 0
```

```
  THEN DO;
```

```
IF SUMP(J) >= U
```

```
  THEN DO;
```

```
IF WUMP = NA
```

```
  THEN A(K) = 4;
```

```
ELSE A(K) = 2;
```

```
END;
```

```
ELSE DO;
```

```
IF WOLF = NA
```

```
  THEN A(K) = 5;
```

```
ELSE A(K) = 2;
```

```
END;
```

```
END;
```

```
ELSE DO;
```

```
WUMP, WOLF = NA;
```

```
A(K) = 2;
```

```
END;
```

```
U = U + 1;
```

```
END;
```

```
END;
```

```
END;
```

```
END;
```

```
IF S > 0 & T > S THEN DO K = S TO T;
```

```
IF A(K) = 0 & A(K - 1) = 0 & A(K + 1) = 0
```

```
  THEN A(K) = 1;
```

```
IF A(K) = 1 & WORK = NA THEN WORK = WORK + 1;
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```
IF A(K) = 4 & WUMP = NA THEN WUMP = WUMP + 1;
```

```
IF A(K) = 5 & WOLF = NA THEN WOLF = WOLF + 1;
```

```
IF A(K)=0 | A(K)=3 THEN DO;
```

```
WUMP, WOLF, NW=NA;
```

```
END;
```

```
IF (A(K)=2 | A(K)=4 & WUMP=NA | A(K)=5 & WOLF=NA) & NW=NA THEN NW=NW+1;
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```
END;
```

```
GO TO AROUND;
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FUN: PROC(M,O,Q);
  DCL (M,O,Q) FLOAT DEC(6);
  IF O = NA THEN O = 15;
  N = FLOOR((Q - 76) * (365 / 7) + (M - 1) * (13 / 3) + (O - 4) / (365 / 52) + H);
  IF N < S THEN N = S;
  RETURN (N);
END FUN;

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AROUND:
NUWK=NA;
IF R(3290.)=NA & R(3291.)=NA & R(3080.)=NA & R(3081.)=NA THEN DO;
NUWK=((R(3290.)*30.42+R(3291.)*365)-(R(3080.)*30.42+R(3081.)))/7;
END;

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R(4522.)=WORK;
R(4523.)=WUMP;
R(4524.)=WOLF;

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```

END;
/* CREATE TOTAL FAMILY ASSETS, EXCLUDING AUTOMOBILES

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/* ASSIGNMENTS */
FS   R(4511.);  QORR = R(4037.);  MVR = R(4039.);  DBR = R(4040.);
FR   R(4041.);  MVF = R(4042.);  QMVFIH = R(4043.);  DBF = R(4044.);
QVIB = R(4045.);  MVB = R(4046.);  DBB = R(4047.);  QHIRE = R(4048.);
MVRE = R(4049.);  DBRE = R(4050.);  ODBRE = R(4051.);  QSAV = R(4062.);
ASAV = R(4063.);  OSB = R(4064.);  ASB = R(4065.);  QBSMF = R(4066.);
MVBSMF = R(4067.);  QPLM = R(4068.);  APLM = R(4069.);  QOTL = R(4070.);
AOTL = R(4071.);  QAFIB = R(4075.);  QTFIF = R(4079.);  QAFIRE = R(4081.);
DTFID = R(4083.);
ASSET = NA;

```

```

IF MVR = -1 THEN MVR = NA;
IF DBR = -1 THEN DBR = NA;
IF MVF = -1 THEN MVF = NA;
IF DBF = -1 THEN DBF = NA;
IF MVB = -1 THEN MVB = NA;
IF DBB = -1 THEN DBB = NA;
IF MVRE = -1 THEN MVRE = NA;
IF DBRE = -1 THEN DBRE = NA;
IF ODBRE = -1 THEN ODBRE = NA;
IF ASAV = -1 THEN ASAV = NA;
IF ASB = -1 THEN ASB = NA;
IF MVBSMF = -1 THEN MVBSMF = NA;
IF APLM = -1 THEN APLM = NA;
IF AOTL = -1 THEN AOTL = NA;

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IF FSR >= 0 & ESR <= 8
  AS = 0; CHECK = 0;
  UJC = NA;

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THEN DO;

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IF QORR=1 | QORR=NA
IF (MVR=NA | DBR=NA) & QMVFIH=1
IF MVR=NA & DBR=NA
END;

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```

THEN DO;
THEN CHECK = CHECK+1;
THEN HOUSE = MVR-DBR;

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THEN HOUSE = 0;

```

```

IF I = NA;
  (QHIF=0 | QTFIF=0) & MVF=NA & DBF=NA THEN FARM = 0;
  (QHIF=1 | QHIF=NA) & FARM=0 THEN DO;
  IF MVF=NA | DBF=NA THEN CHECK = CHECK+1;
ELSE FARM = MVF-DBF;
END;
IF FARM=NA THEN ASSET = ASSET+FARM;
BSNS = NA;
IF (QHIB=0 | QAFIB=0) & MVB=NA & DBB=NA THEN BSNS = 0;
IF (QHIB=1 | QHIB=NA) & BSNS=0 THEN DO;
IF MVB=NA | DBB=NA THEN CHECK = CHECK+1;
ELSE BSNS = MVB-DBB;
END;
IF BSNS=NA THEN ASSET = ASSET+BSNS;
REAL = NA;
IF (QHIRE=0 | QAFIRE=0) & MVRE=NA & DBRE=NA & ODBRE=NA
  THEN REAL = 0;
IF (QHIRE=1 | QHIRE=NA) & REAL=0 THEN DO;
IF MVRE=NA | DBRE=NA | ODBRE=NA THEN CHECK = CHECK+1;
ELSE REAL = MVRE-DBRE-ODBRE;
END;
IF REAL=NA THEN ASSET = ASSET+REAL;
IF (QSAV=0 | QTFIID=0) & ASAV=NA THEN SAVE = 0;
ELSE SAVE = ASAV;
IF ASAV=NA THEN CHECK = CHECK+1;
IF ASAV=NA THEN ASSET = ASSET+SAVE;
IF (QSB=0 | QTFIID=0) & ASB=NA THEN USBOND = 0;
ELSE USBOND = ASB;
IF ASB=NA THEN CHECK = CHECK+1;
ELSE ASSET = ASSET+USBOND;
IF (QBSMF=0 | QTFIID=0) & MVBSMF=NA THEN STOCK = 0;
ELSE STOCK = MVBSMF;
IF STOCK=NA THEN CHECK = CHECK+1;
ELSE ASSET = ASSET+STOCK;
IF (QPLM=0 | QTFIID=0) & APLM=NA THEN LOAN = 0;
ELSE LOAN = APLM;
IF APLM=NA THEN CHECK = CHECK+1;
IF QCTL=0 & AOTL=NA THEN DEBT = 0;
ELSE DEBT = AOTL;
IF AOTL=NA THEN CHECK = CHECK+1;
ELSE ASSET = ASSET-DEBT;
IF ASSET>=-99999 & ASSET<=999999 & CHECK>0 THEN ASSET = NA;
IF ASSET>NA & ASSET<-99999 THEN ASSET = -99999;
IF ASSET>999999 THEN ASSET=999999;
END;

```

R(4526.)=ASSET;

CREATE TOTAL FAMILY INCOME, 1977

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/* ASSIGNMENT FOR KEY TOTAL FAMILY INCOME 1977 */
ESR=R(4511.); IWSR=R(4072.); IWSS=R(4073.); IWSOFM=R(4074.);
NIBR=R(4076.); NIBOFM=R(4078.); QNIBOFM=R(4077.); QHIB=R(4045.);
NIFTF=R(4080.); QTFTF=R(4079.); QHIF=R(4041.); NIRETF=R(4082.);
QAFIRE=R(4081.); QNRR=R(4037.); QHIRE=R(4048.); NITFIID=R(4084.);
QTFIID=R(4083.); QSAV=R(4062.); QSA=R(4064.); QBSMF=R(4066.);
QPLM=R(4068.); IUECR=R(4087.); QIUECR=R(4085.); IUECOFM=R(4089.);
QIUECOFM=R(4088.); ISUBR=R(4092.); QISUBR=R(4090.); ISUBOFM=R(4094.);
QISUBOFM=R(4093.); QIVCAFM=R(4095.); IVCR=R(4096.); IVCOFM=R(4097.);
QIWCAFM=R(4098.); IWCR=R(4099.); IWCOFM=R(4100.); QISSAFM=R(4101.);
ISSR=R(4102.); ISSOFM=R(4103.); QIODAFM=R(4104.); IODR=R(4105.);
IODOFM=R(4106.); QIOSSAFM=R(4107.); IOSSR=R(4109.); IOSSS=R(4111.);
IOSSOFM=R(4113.); ISICAFM=R(4114.); ISICR=R(4116.); ISICS=R(4118.);
ISICOFM=R(4120.); IWPAAFM=R(4122.); QWPAAFM=R(4121.); QGFS=R(4123.);
NMGFS=R(4124.); MIGFS=R(4125.); CGFS=R(4126.); QIAP=R(4127.); IAPR=R(4129.);
IAPOFM=R(4131.); LSFPR=R(4136.); QLSFP=R(4134.); LSFPS=R(4138.);
LSFPCFM=R(4140.); QIRP=R(4141.); IRPR=R(4143.); IRPS=R(4145.);
IRPOFM=R(4147.); QIAOI=R(4148.); IAOI=R(4149.); QICSP=R(4132.);
ICSP=R(4133.); QAFIB=R(4075.);

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IF WSR= -1 THEN IWSR=NA;
IF WSS= -1 THEN IWSS=NA;
IF WSOFM= -1 THEN IWSOFM=NA;
IF NIBR= -1 THEN NIBR=NA;
IF NIBOFM= -1 THEN NIBOFM=NA;
IF NIFTF= -1 THEN NIFTF=NA;
IF NIRETF= -1 THEN NIRETF=NA;
IF NITFIID= -1 THEN NITFIID=NA;
IF IUECR= -1 THEN IUECR=NA;
IF IUECOFM= -1 THEN IUECOFM=NA;
IF ISUBR= -1 THEN ISUBR=NA;
IF ISUBOFM= -1 THEN ISUBOFM=NA;
IF IVCR= -1 THEN IVCR=NA;
IF IVCOFM= -1 THEN IVCOFM=NA;
IF IWCR= -1 THEN IWCR=NA;
IF IWCOFM= -1 THEN IWCOFM=NA;
IF ISSR= -1 THEN ISSR=NA;
IF ISSOFM= -1 THEN ISSOFM=NA;
IF IODR= -1 THEN IODR=NA;
IF IODOFM= -1 THEN IODOFM=NA;
IF IOSSS= -1 THEN IOSSS=NA;
IF IOSSOFM= -1 THEN IOSSOFM=NA;
IF ISICOFM= -1 THEN ISICOFM=NA;
IF IWPAAFM= -1 THEN IWPAAFM=NA;
IF MIGFS= -1 THEN MIGFS=NA;
IF CGFS= -1 THEN CGFS=NA;
IF IAP= -1 THEN QIAP=NA;
IF IAPR= -1 THEN IAPR=NA;
IF IAPOFM= -1 THEN IAPOFM=NA;
IF LSFPR= -1 THEN LSFPR=NA;
IF LSFPS= -1 THEN LSFPS=NA;
IF IRPR= -1 THEN IRPR=NA;
IF IAOI= -1 THEN IAOI=NA;

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MEM=0; MEM16=0; MEM18=0; INC=0;
NA;
DO I=4568 TO 4748 BY 10;
IF X (I)=1 THEN WIFE=1;
IF X (I)>1 THEN DO;
MEM=1;
IF X (I+1)=NA & X (I+3)=NA THEN AGE=X (I+3)*100+X (I+1);
IF AGE=NA & (AGE<5904 | AGE>7704) THEN MEM18=1;
IF AGE=NA & (AGE<6104 | AGE>7704) THEN MEM16=1;
AGE2=NA;
IF X (I+1)=NA & X (I+3)=NA THEN AGE2=X (I+3);
IF AGE2=NA & (AGE2<59 | AGE2>78) THEN MEM18=1;
IF AGE2=NA & (AGE2<61 | AGE2>78) THEN MEM16=1;
END; END;
DO Q=4797,4799,4801,4803;
IF X (Q)=5000 THEN X (Q)=NA;
END;
IF IWSR=NA THEN GO TO DAEND;
ELSE INC=INC+IWSR;
IF WIFE=0 & IWSS=NA THEN IWSS=0;
IF IWSS=NA THEN GO TO DAEND;
ELSE INC=INC+IWSS;
IF MEM16=0 & IWSOFM=NA THEN IWSOFM=0;
IF IWSOFM=NA THEN GO TO DAEND;
ELSE INC=INC+IWSOFM;
IF (NIBR=NA & (QAFIB=0 | QHIB=0)) | NIBR=1 THEN NIBR=0;
IF BR=NA THEN GO TO DAEND;
ELSE INC=INC+NIBR;
IF (NIBOFM=NA & ((MEM16=0 & WIFE=0) | QNIBOFM=0 | QHIB=0)) | NIBOFM=1
THEN NIBOFM=0;
IF NIBOFM=NA THEN GO TO DAEND;
ELSE INC=INC+NIBOFM;
IF (NIFTF=NA & (QTFIF=0 | QHIF=0)) | NIFTF=1 THEN NIFTF=0;
IF NIFTF=NA THEN GO TO DAEND;
ELSE INC=INC+NIFTF;
IF (NIRETF=NA & (QAFIRE=0 | (QORR>1 & QHIF=0 & QHIB=0 & QHIRE=0))) |
NIRETF=1 THEN NIRETF=0;
IF NIRETF=NA THEN GO TO DAEND;
ELSE INC=INC+NIRETF;
IF NITFIID=NA & (QTFIID=0 | (QSAV=0 & QSA=0 & QBSMF=0 & QPLM=0))
THEN NITFIID=0;
IF NITFIID=NA THEN GO TO DAEND;
ELSE INC=INC+NITFIID;
IF IUECR=NA & QIUECR=0 THEN IUECR=0;
IF IUECR=NA THEN GO TO DAEND;
ELSE INC=INC+IUECR;
IF IUECOFM=NA & (QIUECOFM=0 | (MEM18=0 & WIFE=0)) THEN IUECOFM=0;
IF IUECOFM=NA THEN GO TO DAEND;
ELSE INC=INC+IUECOFM;
IF ISUBR=NA & (QISUBR=0 | IUECR=0) THEN ISUBR=0;
IF ISUBR=NA THEN GO TO DAEND;
ELSE INC=INC+ISUBR;
IF ISUBOFM=NA & (QISUBOFM=0 | IUECOFM=0 | (MEM18=0 & WIFE=0))
THEN ISUBOFM=0;
IF ISUBOFM=NA THEN GO TO DAEND;
ELSE INC=INC+ISUBOFM;
IF QIVCAFM=0 THEN DO;
IF IVCR=NA THEN IVCR=0;

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IF WCOFM=NA THEN IWCOFM=0;
END;
SSAFM=0 THEN DO;
SSR=NA THEN ISSR=0;
IF ISSOFM=NA THEN ISSCFM=0;
END;
IF QIODAFM=0 THEN DO;
IF IODR=NA THEN IOOR=0;
IF IODOFM=NA THEN IODOFM=0;
END;
IF MEM=0 & WIFE=0 THEN DO;
IF IVCOFM=NA THEN IVCOFM=0;
IF IWCOFM=NA THEN IWCOFM=0;
IF ISSOFM=NA THEN ISSOFM=0;
IF IODOFM=NA THEN IODOFM=0;
END;
IF IVCR>0 & IVCOFM=NA THEN IVCOFM=0;
IF IVCOFM>0 & IVCR=NA THEN IVCR=0;
IF IWCR>0 & IWCOFM=NA THEN IWCOFM=0;
IF IWCOFM>0 & IWCR=NA THEN IWCR=0;
IF ISSR>0 & ISSOFM=NA THEN ISSCFM=0;
IF ISSCFM>0 & ISSR=NA THEN ISSR=0;
IF IODR>0 & IODOFM=NA THEN IODOFM=0;
IF IODOFM>0 & IODR=NA THEN IODR=0;
IF IVCR=NA | IVCOFM=NA | IWCR=NA | IWCOFM=NA | ISSR=NA | ISSOFM=NA |
ISSCFM=NA | IODOFM=NA THEN GO TO DAEND;
LSE INC=INC+IVCR+IVCOFM+IWCR+IWCOFM+ISSR+ISSOFM+IODR+IODOFM;
IF IOSSR=NA & (QIOSSAFM=0 | IOSSS>0 | IOSSOFM>0) THEN IOSSR=0;
IF IOSSS=NA & (QIOSSAFM=0 | IOSSR>0 | IOSSOFM>0) THEN IOSSS=0;
IF IOSSOFM=NA & (QIOSSAFM=0 | IOSSR>0 | IOSSS>0) THEN IOSSOFM=0;
IF IOSSR=NA | IOSSS=NA | IOSSOFM=NA THEN GO TO DAEND;
LSE INC=INC+IOSSR+IOSSS+IOSSOFM;
IF ISICR=NA & (ISICAFM=0 | ISICS>0 | ISICOFM>0) THEN ISICR=0;
IF ISICS=NA & (ISICAFM=0 | ISICR>0 | ISICOFM>0) THEN ISICS=0;
IF ISICOFM=NA & (ISICAFM=0 | ISICR>0 | ISICS>0) THEN ISICOFM=0;
IF ISICR=NA | ISICS=NA | ISICOFM=NA THEN GO TO DAEND;
LSE INC=INC+ISICR+ISICS+ISICOFM;
IF IWPAAFM=NA & QWPAAFM=0 THEN IWPAAFM=0;
IF IWPAAFM=NA THEN GO TO DAEND;
LSE INC=INC+IWPAAFM;
FOOD=NA;
IF QGFS=0 & NMGFS=NA & MIGFS=NA & CGFS=NA THEN FOOD=0;
IF NMGFS>0 & MIGFS>0 & CGFS>=0 THEN FOOD=NMGFS*(MIGFS-CGFS);
IF FOOD=NA THEN GO TO DAEND;
LSE INC=INC+FOOD;
IF IAPR=NA & QIAP=0 THEN IAPR=0;
IF IAPOFM=NA & QIAP=0 THEN IAPOFM=0;
IF IAPR=NA | IAPOFM=NA THEN GO TO DAEND;
LSE INC=INC+IAPR+IAPOFM;
IF ICSP=NA & QICSP=0 THEN ICSP=0;
IF ICSP=NA THEN GO TO DAEND;
LSE INC=INC+ICSP;
IF LSFPR=NA & (QLSFP=0 | LSFPS>0 | LSFPOFM>0) THEN LSFPR=0;
IF LSFPS=NA & (QLSFP=0 | LSFPR>0 | LSFPOFM>0) THEN LSFPS=0;
IF LSFPOFM=NA & (QLSFP=0 | LSFPR>0 | LSFPS>0) THEN LSFPOFM=0;
IF LSFPR=NA | LSFPS=NA | LSFPOFM=NA THEN GO TO DAEND;
LSE INC=INC+LSFPR+LSFPS+LSFPOFM;
IF IRPR=NA & (QIRP=0 | IRPS>0 | IRPOFM>0) THEN IRPR=0;
IF IRPS=NA & (QIRP=0 | IRPR>0 | IRPOFM>0) THEN IRPS=0;
IF IRPOFM=NA & (QIRP=0 | IRPR>0 | IRPS>0) THEN IRPOFM=0;

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1. IAOI=NA & QIAOI=0 THEN IAOI=0;  
IF IAOI=NA THEN GO TO DAEND;  
SE INC=INC+IAOI;  
GO TO FINITO;
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DAEND: INC=NA;

FINITO:

R(4527.)=INC;