

* APPENDIX 12 - 1972 KEY VARIABLES - MATURE WOMEN
 * 1972 WOMEN KEY

72:
 EGIN;

DCL A(208) FLOAT DEC(6),
 CK(7) FLOAT DEC(6),
 WNW(7) FLOAT DEC(6),
 REASCN(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),
 STCPD(7) FLOAT DEC(6),
 STOPY(7) FLOAT DEC(6),
 WEEK(7) FLOAT DEC(6),
 SCK(7) FLOAT DEC(6),
 LM 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);

W=NA;
 R(2138.)=1 THEN WOW=R(2145.);
 R(2138.)=0 THEN WOW=R(2139.);
 NEG=R(2179.); IF R(2179.)=-1 THEN YRNEG=R(2050.);

W=NA;
 R(2138.)=1 THEN ROW=R(2146.);
 R(2138.)=0 THEN ROW=R(2140.);

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,WCLF,NW,H = 0;
 L,FW = 1;

IF R(2048.) = NA & R(2049.) = NA & R(2050.) = NA
 THEN T = FUN(R(2048.),R(2049.),R(2050.));

H = 1;

IF R(2642.) = NA & R(2643.) = NA & R(2644.) = NA
 THEN S = FUN(R(2642.),R(2643.),R(2644.));

ELSE IF R(1334.) = NA & R(1335.) = NA & R(1336.) = NA
 THEN S = FUN(R(1334.),R(1335.),R(1336.));

IF S = NA & T = NA THEN DO;

 WBID = T - S + 1;
 DO K = S TO T;

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= .5;
R(2822.) = 1 | R(2922.) = 2
THEN DO;
  IF R(2144.) = NA THEN DO;
    SM = R(2142.);
    SD = R(2143.);
    SY = R(2144.);
  END;
ELSE IF R(2098.) = NA THEN DO;
  SM = R(2096.);
  SD = R(2097.);
  SY = R(2098.);
  END;
IF SY = NA & SD = NA & SM = NA & YRNEG = SY & R(2177.) = SM - 1
& R(2178.) = NA THEN DO;
  SD = 1;
  STOPD(1) = 30;
  END;
IF SY > 0 THEN DO;
  IF SY < R(2644.) 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 WOW = 0
  THEN DO;
    IF WOW = NA
    THEN DO;
      B = 1;
      IF P = NA THEN V = FLOOR((T - P - WOW
        + 1) / 2 + P);
      ELSE V = T - WOW;
      IF P = NA & T - P + 1 < WOW
      THEN GOTO DAEND;
      DO K = V TO T WHILE(WOW >= B);
      IF ROW > 0 THEN DO;
        IF ROW = 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 ROW > 0 THEN DO;
      IF ROW = 5
      THEN WUMP = NA;
      ELSE WOLF = NA;
    END;
    ELSE WOLF,WUMP = NA;
  END;
END;

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IF R(2137.) < R(2644.) THEN D = S;
ELSE IF R(2135.) = NA THEN D = FUN(R(2135.),R(2136.),
                                     R(2137.));
IF D > 0 & T >= D THEN DO K = D TO T;
IF A(K) = 0 THEN A(K) = 1;
END;
END;
ELSE IF (R(2822.) >= 3 & R(2822.) <= 8) | R(2822.) = 0
THEN DO;
IF R(2086.) > 0 THEN DO;
LM = R(2084.);
LD = R(2085.);
LY = R(2086.);
END;
ELSE IF R(2089.) > 0 THEN DO;
LM = R(2087.);
LD = R(2088.);
LY = R(2089.);
END;
IF LM > 0 & LY > 0 THEN C = FUN(LM,LD,LY);
IF C = NA & R(2149.) > 0 THEN C = T - R(2149.) + 1;
IF R(2149.) = NA & R(2149.) = R(2150.) &
C = NA & C = T - R(2149.) + 1
THEN WL = T - C + 1;
ELSE WL = R(2150.);
IF C = NA THEN DO;
IF WL > 0 & R(2149.) = NA & ABS(T - C - R(2149.)) > 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 R(2086.) <= 0 & R(2089.) <= 0
THEN DO;
IF R(2089.) = -1 THEN DO;
DO K = S TO T; A(K) = 5; END;
IF CLF = WBID; GO TO AROUND; END;
IF R(2154.) = NA
THEN DO;
WORK,WOLF,Nw = NA;
IF R(2155.) = NA THEN WUMP = NA;
ELSE IF R(2155.) >= 0
THEN DO K = T TO S BY -1;
IF L <= R(2155.) THEN A(K) = 4;
ELSE A(K) = 3;
L = L + 1;
END;

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A(K) = 1;
FW = FW + 1;
END;
ELSE DO:
    IF R(2155.) >= 0
    THEN DO:
        IF L <= R(2155.)
        THEN A(K) = 4;
        ELSE A(K) = 5;
        L = L + 1;
        END;
    ELSE DO:
        WUMP, WOLF = NA;
        A(K) = 2;
        END;
    END;
END;

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END;

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END;

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END;

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CL = 0;

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J=1;

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DO I = 2901 TO 2907;

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X(J) = X (I+119); REASON(J) = X (I+126); ALT(J) = X (I+133);

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MON(J) = X (I+175+CL); DAY(J) = X (I+176+CL); YEAR(J) = X (I+177+CL);

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S(J) = X (I+196); SUMP(J) = X (I+203); STARM(J) = X (I+63+CL);

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STAR(J) = X (I+64+CL); STARY(J) = X (I+65+CL); STOPM(J) = X (I+84+CL);

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STOPD(J) = X (I+85+CL); STOPY(J) = X (I+86+CL); WEEK(J) = 1;

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SCK(J) = X (I+168);

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J = J + 1; CL = CL + 2;

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END;

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DO J=1 TO 7;

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E, F, G = NA;

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IF STOPY(J) = -1

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THEN DO;

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STOPM(J) = R(2048.);

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STOPD(J) = R(2049.);

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STOPY(J) = R(2050.);

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END;

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IF STARY(J) = NA | STOPY(J) = NA

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THEN DO;

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IF STARY(J) > 0 THEN DO;

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IF STARY(J) < R(2644.) THEN E = S;

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ELSE IF STARM(J) > 0 THEN E =

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FUN(STARM(J), STARD(J), STARY(J));

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END;

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IF STOPM(J) > 0 & STOPY(J) > 0 THEN F =

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FUN(STOPM(J), STOPD(J), STOPY(J));

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IF STOPY(J) = NA & STOPM(J) = NA & STOPD(J) = NA

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& SCK(J) = 0 & STOPY(J) = STARY(J + 1) & STARM(J) =

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STOPM(J + 1) - 1 & STARD(J + 1) = NA

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THEN DO;

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E = FUN(STARM(J), 1, STARY(J));

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STOPD(J + 1) = 30;

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END;

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IF E > 0 & F >= E & WORK = NA

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THEN DO K = F TO F;

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IF STARY(J) > 0
  THEN IF STARM(J) > 0
    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),
                 STCPD(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;
  THEN A(K) = 3;
  IF A(K) = 0
    END;

END;
IF WNW(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;

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JN: PROC(M,O,Q);
DCL (M,O,Q) FLOAT DEC(6);
IF C = NA THEN O = 15;
N = FLOOR((Q - R(2644.)) * (365 /7) + (M -1) * (13 /3) + (O -4) /
(365 /52) + H);
IF N < S THEN N = S;
RETURN (N);

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END FUN;

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IF R(2822.)=NA THEN DO; WORK,WUMP,WOLF=NA; END;

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ROUND:

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* SORT 1972 KEY INTO PREEXISTING SPACES */
* INTERVIEWED IN 1972 & 1971 */

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IF R(1989.)>=0 & R(1989.)<=8 & R(2822.)>=0 & R(2822.)<=8 THEN DO;
2832.)=WORK;
2834.)=WUMP;
2836.)=WOLF; END;
DO; R(2832.)=NA; R(2834.)=NA; R(2836.)=NA; END;

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* INTERVIEWED IN 1972 & 1969 BUT NOT IN 1971 */

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IF R(1308.)>=0 & R(1308.)<=8 & R(1989.)=NA &
R(2822.)>=0 & R(2822.)<=8 THEN DO;
2831.)=WORK;
2833.)=WUMP;
2835.)=WOLF; END;
DO; R(2831.)=NA; R(2833.)=NA; R(2835.)=NA; END;

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D 872;