A	D5A.K=P5.K*M5.K
	DSA.K=PS.K=MS.K MS.K=TABHL(MST,LE.K,20,70,10) MST=.02/.01/.007/.004/.002/.0008 DS.KL=DSA.K
A	M5.K*TABBL(M5T,LE.R,20,70,10)
T	M31=.02/.01/.007/.004/.002/.0000
R	D5.KL=D5A.K
R	MATS.KL=(P5.K-D5A.K)/>
NOTE	AGE 20-24
L	P6.K=P6.J+(DT) (MATS.JK-D6.JK-MAT6.JK)
N	P6=P6I
14	POT-1 FPR
C	P6I=1.5E8
A	D6A.K=P6.K*M6.K
A	M6.K=TABBL(M6T,LE.K,20,70,10) M6T=.02/.01/.01/.006/.003/.001
7	M6T=.02/.01/.01/.006/.003/.001
R	D6.KL=D6A.K
R	MAT6.KL=(P6.K-D6A.K)/5
HOTE	AGE 25-29
	P7.K=P7.J+(DT)(MAT6.JK-D7.JK-MAT7.JK)
L	PI-Kapi-J+(DI) (DAIR-DI-DI-DI-DI-
14	P7=P7I
C	P7I=1.3E8
A	D7A.K=P7.K*M7.K
A	M7 Varanut/M7T.LE.K.20.70.10)
	M7T=.02/.02/.01/.006/.003/.001
T	M/Im.02/.02/.02/.03/.030/.
R	D7.KL=D7A.K
R	MAT7.KL=(P7.K-D7A.K)/5
NOTE	AGE 30 - 34
L	P8.K=P8.J+(DT)(MAT7.JK-D8.JK-MAT8.JK)
14	P8=P8I
C	PSI=1.1E8
	D8A.K=P8.K*M8.K
Α	USA, N=PO. N=PO. N=PO. TO. 20 70 10)
A	M8.K=TABHL(M8T,LE.K,20,70,10) M8T=.03/.02/.01/.007/.004/.002
T	MBT=.03/.02/.01/.007/.004/.002
R	D8.KL=D8A.K
R	MAT8.KL=(P8.K-D8A.K)/5
NOTE	ACE 35-39
L	P9.K=P9.J+(DT)(MAT8.JK-D9.JK-MAT9.JK)
N	P9=P9I
	P9I=9.6E7
C	EAT=A:0F1
A	D9A.K=P9.K*M9.K
A	M9.K=TABHL(M9T,LE.K,20,70,10)
T	M9T=.03/.02/.01/.007/.004/.002
R	D9.KL=D9A.K
R	MAT9.KL=(P9.K-D9A.K)/5
NOTE	AGE 40-44
L	P10.K=P10.J+(DT) (MAT9.JK-D10.JK-MAT10.JK)
	LIGHT WELL TO TO A (DI) (1997) (1997) (DI) (1997)
N	P10=P101
C	P101=8.3E7
A	D10A.K=P10.K*M10.K
A	M10.K=TABHL(M10T,LE.K,20,70,10) M10T=.04/.02/.01/.008/.005/.003
T	M107m.04/.02/.01/.008/.005/.003
R	D10.KL=D10A.K
B	MAT10.KL=(P10.K-D10A.K)/5
NOTE	AGE 45-49
L	P11.K=P11.J+(DT) (MAT10.JK-D11.JK-MAT11.JK)
N	P11=P11I
C	P111=6.8E7
A	D11A.K=P11.K*M11.K
A	M11.K=TABHL(M11T,LE.K,20,70,10)
T	M117=.04/.03/.02/.01/.006/.004
	DATE - 104/103/104/104/1009/1004
R	D11.KL=D11A.K
R	MAT11.KL=(P11.K/5)-D11A.K
NOTE	AGE 50-54
L	P12.K=P12.J+(DT)(MAT11.JK=D12.JK-MAT12.JK)
16	P12=P12I
c	P12I=5,6E7
A	D12A.K=P12.K*M12.K
A	M12.K=TABHL(M12T,LE.K,20,70,10)
T	M12T=.05/.03/.02/.01/.009/.006
R	D12,KL=D12A,K
B	MAT12, KL= (P12, K=D12A, K) /5
HOTE	ACE 55-59
L	P13.K=P13.J+(DT) (MAT12.JK-D13.JK-MAT13.JK)
10	P13=P13I
18	
C	P131=4.5E7
A	D13A.K=P13.K*M13.K
A	M13.K=TABHL(M13T,LE.K,20,70,10)
T	M137=.06/.04/.03/.02/.01/.009
B	D13.KL=D13A.K
B	MAT13.KL=(P13.K-D13A.K)/5
NOTE	AGE 60-64
L	P14.K=P14.J+(DT)(MAT13.JK-D14.JK-MAT14.JK)

P14=P14I P14I=3.3E7 D14A.K=P14.K*M14.K M14.K=TABHL(M14T.LE.K.20.70.10) M14T=.07/.05/.04/.03/.02/.01 D14.KLeD14A.K MAT14.KL=(P14.K-D14A.K)/5 NOTE AGE 65+ P15.K=P15.J+(DT) (MAT14.JK-D15.JK) P15=P15I P151-4.8E7 D15.KL=P15.K*M15.K M15.K=TABHL(H15T,LE.K,20,70,10) M15T=.13/.11/.09/.07/.06/.05 NOTE AUXILLARY EQUATIONS NOTE D.K=D1.JK+D2.JK+D3.JK+D4.JK+D5.JK+D6.JK+D7.JK+D8.JK+D9.JK+D10.JK+D11.JK+D12.JK+D13.JK+D14.JK+D15.JK POP.K=P1.K+P2.K+P3.K+P4.K+P5.K+P6.K+P7.K+P8.K+P9.K+P10.K+P11.K+ P12.K+P13.K+P14.K+P15.K PC.K=(P1.K+P2.K+P3.K+P4.K)/POP.K PF.K=(P5.K+P6.K+P7.K+P8.K+P9.K+P10.K)/POP.K PW.K=(P11.K+P12.K+P13.K+P14.K)/POP.K PE.K=P15.K/POP.K DEATH BATE EQUATIONS CDR.K=1000*D.K/POP.K LE.K=LEN*LMF.K*LMMS.K*LMP.K*LMC.K LEN#28 LMF.K-TABHL(LMFT, FPC.K/SFPC,0,5,1) LMFT=0/1/1,2/1,3/1,35/1,4 SFPC=230 HSAPC. K=TABHIL (HSAPCT, SOPC. K, 0, 2000, 250) HSAPCT=0/20/50/95/140/175/200/220/230 EHSPC.K=SMOOTH(HSAPC.K,HSID) MSID=20 LMIS.K=CLIP(LMIS2.K,LMIS1.K,TIME.K,IPHST) IPHST=40 LMISI.K-TABHL (LMISIT, EHSPC.K, 0, 100, 20) LMHS1T=1/1.1/1.4/1.6/1.7/1.8 LMHS2.K=TABHL([LMHS2T,LHSPC.K,0,100,20) LMHS2T=1/1,4/1.6/1.8/1.95/2.0 FPU.K=TABHL(FPUT,POP.K,0,16E9,2E9) FPUT=0/.2/.4/.5/.59/.65/.72/.78/.80 CMI.K-TABHL(CMIT, IOPC, K, 0, 1600, 200) CMIT=.5/.05/-.1/-.08/-.02/.05/.1/.15/.2 LMC.K=1-(CMI.K*FPU.K) LMP.K=TABHL(LMPT.PPOLX.K.0,100,10) LMPT=1.0/.99/.97/.95/.90/.85/.75/.65/.55/.40/.20 BIRTH RATE EQUATIONS HOTE NOTE EXTRA.K=P5.K*.06+P6.K*.25+P7.K*.28+P8.K*.21+P9.K*.13+P10.K*.07 B.KL=CLIP(D.K,((TF.K/10)*EXTRA.K),TIME.K,PET) PET=4000 CBR.K=1000*B.JK/POP.K TF.K=MIN(MTF.K,(MTF.K*(1-FCE.K)+DTF.K*FCE.K)) MTF.K=MTFN*FN.K MTFN=12 FM.K=TABHL(FMT,LE.K,0,80,10) FMT=0/.2/.4/.6/.8/.9/1/1.05/1.1 DTF.K=DCFS.K*CMPLE.K CMPLE.K=TABHL(CMPLET,PLE.K,0,80,10) CMPLET=3/2.1/1.6/1.4/1.3/1.2/1.1/1.05/1 PLE.K=DLINF3(LE.K.LPD) LPD=20 DCFS.K=CLIP(2,DCFSN*FRSN.K*SFSN.K,TIME.K,ZPGT) ZPGT=4000 DCFSN=4 SPSN.K=TABHL(SPSNT,DIOPC.K,0,800,200) SFSNT=1,25/1/.9/.8/.75 DIOPC.K=DLINF3(IOPC.K,SAD) SAD=20 FRSN.K=TABHL(FRSNT,FIE,K,-.2,.2,.1) FRSNT=.5/.6/.7/.85/1 FRSN=.82 FIE.K=(IOPC.K-AIOPC.K)/AIOPC.K ATOPC.K=SMOOTH(IOPC.K.IEAT)