TABILL	- A FUNCTION WITH VALUES SPECIFIED BY A	TABLE	
CHIT	- CMI TABLE		
IOPC	- INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/ PERSON-YEAR)		
	PEIGUN-IEAR)		
LMC . K=1-(C)	4I.K*FPU.K)	28, A	
LMC	- LIPETIME MULTIPLIER PROM CROWDING (DIMENSIONLESS)		
CMI	- CRONDING MULTIPLIER FROM INDUSTRIALIZA	TY ON	
CHI	(DIMENSIONLESS)	2.21/10	
PPU	- FRACTION OF POPULATION URBAN		
	(DIMENSIONLESS)		
TMD Varabil	L(LMPT,PPOLX.K,0,100,10)	29, A	
LMPT=1.0/.	99/-97/-95/-90/-85/-75/-65/-55/-40/-20	29.1,	7
LMP	99/.97/.95/.90/.85/.75/.65/.55/.40/.20 - LIPETIME MULTIPLIER FROM PERSISTENT		
	POLLUTION (DIMENSIONLESS)		
TABIL	- A FUNCTION WITH VALUES SPECIFIED BY A	TABLE	
LMPT	- LMP TABLE - INDEX OF PERSISTENT POLLUTION		
PPUMA	(DIMENSIONLESS)		
DIRTH RA	TE SUBSECTOR		
B. EL-CLIP	D.K, (TF.K*P2.K*0.5/RLT), TIME.K, PET)	30. B	
RLT=30		30, R 30.1,	C
PET=4000		30.2,	C
В	- BIRTHS PER YEAR (PERSONS/YEAR)		
CLIP	- A FUNCTION SWITCHED DURING THE RUN - DEATHS PER YEAR (PERSONS/YEAR)		
TP	- DEATHS PER TEAR (PERSONS/TEAR)		
P2	- TOTAL FERTILITY (DIMENSIONLESS) - POPULATION, AGES 15-44 (PERSONS)		
RLT	- REPRODUCTIVE LIFETIME (YEARS) - CURRENT TIME IN THE SIMULATION RUN - POPULATION EQUILIBRIUM TIME (YEAR)		
TIME	- CURRENT TIME IN THE SIMULATION RUN		
PET	- POPULATION EQUILIBRIUM TIME (YEAR)		
CDD V-1000	*B.JK/POP.K	31, S	
CBR. CBR	- CRUDE BIRTH RATE (BIRTHS/1000 PERSON-Y	EARS)	
В	- BIRTHS PER YEAR (PERSONS/YEAR)		
POP	- POPULATION (PERSONS)		
TF.K=HIN(M	TF.K, (HTF.K*(1-PCE.K)+DTF.K*FCE.K)) - TOTAL PERTILITY (DIMENSIONLESS)	32, A	
MIN	- MINIMUM VALUE PUNCTION		
MTF	- MINIMUM VALUE FUNCTION - MAXIMUM TOTAL PERTILITY (DIMENSIONLESS)	
FCE	- FERTILITY CONTROL EFFECTIVENESS		
	(DIMENSIONLESS)		
DTF	- DESIRED TOTAL PERTILITY (DIMENSIONLESS)	
MTF.E-MTFH	*FM.K	33, A 33.1,	
MTFN=12			
		33.1,	C
MTF	- MAXIMUM TOTAL PERTILITY (DIMENSIONLESS	33.1,	c
MTP	- HAXIMUM TOTAL PERTILITY NORMAL	33.1,	c
MTF	- MAXIMUM TOTAL PERTILITY NORMAL. (DIMENSIONLESS)	33.1,	c
HTF HTFH FM	- HAXIMUM TOTAL PERTILITY NORMAL (DIMENSIONLESS) - PECUNDITY MULTIPLIER (DIMENSIONLESS))	c
HTF HTFH FM FM.K=TABHL	- MAXIMUM TOTAL FERTILITY NORMAL (DIMENSIONLESS) - PECURDITY MULTIPLIER (DIMENSIONLESS) (PMT.LE.K.0.80.10)	34, A	C
HTF HTFH FM.K=TABILL PHT=0/.2/.	- HAXIMUM TOTAL PERFILITY NORMAL (DIMINISTORLESS) - FECURDITY MULTIPLIER (DIMINISTORLESS) (PMT_LLLK,0,80,10) 4/6-6/8/9/1/1.05/1.1)	C
MTP MTFN FM FM.K=TABNL FMT=0/.2/. FM	- HAXIMUM TOTAL FERTILITY NORMAL (DIMENSIONLESS) - FECUNDITY NULTIPLIER (DIMENSIONLESS) (FMT,LE.K.0.80.10) 4/.6/.8/.9/1/1.05/1.1 - FECUNDITY NULTIPLIER (DIMENSIONLESS)	34, A 34.1,	C
HTF HTFH FM.K=TABILL PHT=0/.2/.	- WAXIMUM TOTAL FERTILITY MORPAL (DIFFESTONLESS) - FECCHOITY NULTIPLIER (DIFFESTONLESS) (MTX_LEX_A, 0,0,10) -4.4.4.5.9.4/1.3.99.1.1 -4.5.9.4/1.3.99.1.1 -4.5.9.4/1.3.99.1.1 -4.5.9.4/1.3.99.1.1 -4.5.9.4/1.3.99.1.1 -4.5.9.4/1.3.99.1.1	34, A 34.1,	C T
FM. K=TABILL FM TABILL	- HARIMUM TOTAL PERTILITY NORMAL (DIUNDISIONLESS) - FECUDITY MULTIPLIER (DIPUNSIONLESS) (PHT_LUL K, 0, 80, 10) 44.67.87,974/1.05/1.1 - FECUDITY MULTIPLIER (DIPUNSIONLESS) - A PUNCTION WITH VALUES SPECIFIED BY A	34, A 34.1,	C T
FM FM.K=TABHL FMT=0/.2/. FM TABHL FMT_LL	- JAKIBUM TOTAL FERFILITY MORPAL (DIHUMSIONLESS) - FECUROITY MULTIPLER (DIHUMSIONLESS) (FIFT,LE, K., 36, 10) 4/.6/.8/1/1.05/1.1 - FECUROITY MULTIPLER - A FRUCTION MUTH VALUES SPECIFIED BY A - PHY TABLE - LIFE EXPECTANCY (YEARS)	34, A 34.1,	C T
PM. K=TABHL FMT=0/.2/. FATABHL FMT TABHL FMT LL	- JAKIBHR TOTAL FERFILITY MORPAL (DIHENSIONLES) (PHYTLER, 6, 96, 10) (4.64, 67, 94, 74, 05, 11) FERGUALTY MULTIPLES (DIHENSIONLESS) FERGUALTY MULTIPLES (DIHENSIONLESS) FIT TABLES WITH VALUES SPECIFIED BY A - FIT TABLES FIT TABLES R*CHELE, K.	34, A 34.1, TABLE	T
PM. K=TABHL FMT=0/.2/. FATABHL FMT TABHL FMT LL	- JAKIBHR TOTAL FERFILITY MORPAL (DIHENSIONLES) (PHYTLER, 6, 96, 10) (4.64, 67, 94, 74, 05, 11) FERGUALTY MULTIPLES (DIHENSIONLESS) FERGUALTY MULTIPLES (DIHENSIONLESS) FIT TABLES WITH VALUES SPECIFIED BY A - FIT TABLES FIT TABLES R*CHELE, K.	34, A 34.1, TABLE	T
PM FM K=TABHL FHT=0/.2/. FM TABHL FHT LL DTF.K=DCFS DTF DCFS	- NALIMEN TOTAL FERTILITY NORMAL. [DIMENSTRUKES] [FIFT.LE. X. 9. 9, 19] [FIFT.LE. X. 9. 9, 19] [FIFT.LE. X. 9. 19, 19] [FIFT.LE. X. 19, 19, 19, 19, 19, 19, 19, 19, 19, 19,	34. A 34.1, TABLE	T
PM. K=TABHL FMT=0/.2/. FATABHL FMT TABHL FMT LL	- JAKIBHR TOTAL FERFILITY MORPAL (DIHENSIONLES) (PHYTLER, 6, 96, 10) (4.64, 67, 94, 74, 05, 11) FERGUALTY MULTIPLES (DIHENSIONLESS) FERGUALTY MULTIPLES (DIHENSIONLESS) FIT TABLES WITH VALUES SPECIFIED BY A - FIT TABLES FIT TABLES R*CHELE, K.	34. A 34.1, TABLE	T
PM FM K=TABHL FHT=0/.2/. FM TABHL FHT LL DTF.K=DCFS DTF DCFS	- HALIMEN FOTAL FIRETLITY MORPAL. (DIMESS CHURES)) (PROCEDITY MULTIPLER (DIMESSIONLESS) (A.C. A., VA / L. 19/L. (A.C. A. FIRETCH WALLES SPICIFIED BY A.C. PITTALE (A.C. A. FIRETCH WALLES SPICIFIED BY A.C. PITTALE (A.C. A.C. A.C. A.C. A.C. A.C. A.C. A.C.	34. A 34.1, TABLE	T
MTP MTFH FM FM.K=TABHL FMT TABHL FMT LL DTF.K=DCFS CMPLE CMPLE	- HALTHEN FOTAL FIRETLITY MORPAL. IDTHUSS FURNISHESS) (PMT_LE_K_0, 0, 0, 10.17 LIER (DIFMS FORLESS) (PMT_LE_K_0, 0, 10.11 - FECUNDATY MULTIPLER (DIFMS FORLESS) - FOUND MULTIPLER FORLESS - POST SED TOTAL FERFILITY (DIMENSIONLESS) - DOST SED COMPLETED FAMILY SIZE (DIMENSIONLESS) EXPLOREMENT MULTIPLER FORM FORLESS EXPLOREMENT MULTIPLER FOR PRECEIVED EXPLOREMENT MULTIPLER FOR PR	34, A 34.1, TABLE 35, A ONLESS LIFE	Ŧ
MTF MTFH FM FM.K=TABHL FHT=0/.2/. FM TABHL FHT LI DTF.K=DCFS DTF DCFS CMPLE.K=TA CMPLET=3/2	- HALTHEN FOTAL FIRETLITY MORPAL. [DIMINGS (MIRES)] [FIFT, LA, A, B, B, LS) [FIFT, LS, B, B, LS] [FIFT, LS, B,	34, A 34.1, TABLE 35, A ONLESS LIFE	T
MTP MTFH FM FM.K=TABHL FMT TABHL FMT LL DTF.K=DCFS CMPLE CMPLE	- HALTHEN FOTAL FIRETLITY MORPAL. [DIMINGS (MIRES)] [FIFT, LA, A, B, B, LS) [FIFT, LS, B, B, LS] [FIFT, LS, B,	34, A 34.1, TABLE 35, A ONLESS LIFE	Ŧ
MTP MTFH FM FM.K=TABHL FHT=0/.2/. FM TABHL FHT LI DTF.K=DCFS CMPLE CMPLE.K=TA CMPLET=3/2 CMPLE	- HALTHEN FOTAL FIRETLITY MORPAL. IDITIOS TORSESS: (FFF, LE, E, S, S, S, 10) FFF, LE, E, S,	34. A 34.1, TABLE 35. A ONLESS LIFE 36. A 36.1, LIFE	Ŧ
PTF MTFH FM.K=TABHL FHT=0/.2/. FM TABHL FHT LL DTF.K=DCFS CMPLE CMPLE.K=TA CMPLET=3/2 CMPLE TABHL TABHL	- HALTHEN FOTAL FIRETLITY MORPAL. [DIMINGS (MIRES)] [FIFT, LA, A, B, B, LS) [FIFT, LS, B, B, LS] [FIFT, LS, B,	34. A 34.1, TABLE 35. A ONLESS LIFE 36. A 36.1, LIFE	Ŧ

	73 (LE.K,LPD)	37, A 37.1, C
LPD=20 PLE	- PERCEIVED LIFE EXPECTANCY (YEARS)	37.1, 6
	- THIRD-ORDER EXPONENTIAL INFORMATION DEL	AY
LE LPD	- LIPE EXPECTANCY (YEARS) - LIPETINE PERCEPTION DELAY (YEARS)	
DCFS.K=CLI	P(2.0,DCFSN*FRSH.K*SFSN.K,TIME.K,2PGT)	38, A 33.1, C
DCFSH=4		
DCFS	- DESIRED COMPLETED FAMILY SIZE (DIMENSIO - A FUNCTION SWITCHED DURING THE RUN	NLESS)
DCFSN	- DESIRED COMPLETED FAMILY SIZE NORMAL (DIMENSIONLESS)	
FRSN	- PAMILY RESPONSE TO SOCIAL NORM	
SFSH	(DIMENSIONLESS)	
TIME	- SOCIAL FAMILY SIZE NORM (DIMENSIONLESS) - CURRENT TIME IN THE SIMULATION RUN	
2 PGT	- TIME WHEN DESIRED FAMILY SIZE DOUALS 2 CHILDREN (YEAR)	
OPON Vactati	HL(SFSNT,DIOPC.K,0,800,200)	39, A
SPSNT=1.25	/1/.9/.8/.75	39.1, 7
	/1/.9/.8/.75 - SOCIAL PAMILY SIZE NORM (DIMENSIONLESS)	
TABIL	- A FUNCTION WITH VALUES SPECIFIED BY A T	ABLE
SPSNT	- SFSN TABLE - DELAYED INDUSTRIAL OUTPUT PER CAPITA	
DIOPE	(DOLLARS/PERSON-YEAR)	
	INF3 (IOPC.K,SAD)	40, A 40,1, C
SAD=20 DIOPC	- DELAYED INDUSTRIAL OUTDUT DED CAPITA	40.1, 6
DIOPC	- DELAYED INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/PERSON-YEAR)	
DLINF) IOPC	- THIRD-ORDER EXPONENTIAL INFORMATION DE: - INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/ PERSON-YEAR)	LAY
SAD	- SOCIAL ADJUSTMENT DELAY (YEARS)	
		41, A
	HL(FRSHT,FIE.K,2,.2,.1)	
FRSN=.82	6/.7/.85/1	41.2, N
FRSN	- FAMILY RESPONSE TO SOCIAL NORM	
	(DIMENSIONLESS) - A PUNCTION WITH VALUES SPECIFIED BY A T	*****
TABHL	- A PUNCTION WITH VALUES SPECIFIED BY A T - PRSN TABLE	Morre
FIE	- FAMILY INCOME EXPECTATION (DIMENSIONLES	SS)

	C.K-AIOPC.K)/AIOPC.K	42, A
FIE.KW(10)	- FAMILY INCOME EXPECTATION (DIMENSIONLES	SS)
IOPC	- INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/ PERSON-YEAR)	
ATOPC	- AVERAGE INDUSTRIAL OUTPUT PER CAPITA	
Haure	(DOLLARS/PERSON-YEAR)	
		43, A
	MOOTH (IOPC.K, IEAT)	43.1, C
IEAT=3 AIOPC	- AVERAGE INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/PERSON-YEAR)	
SMOOTI	- FIRST-ORDER EXPONENTIAL INFORMATION DE - INDUSTRIAL OUTPUT PER CAPITA (DOLLARS/	LAY
IOPC	PERSON-YEAR)	
IEAT	- INCOME EXPECTATION AVERAGING TIPE (YEA	
NFC.K= [MT]	P.K/DTF.K)-1	44, A
NFC MTF DTF	- NEED FOR FERTILITY CONTROL (DIMENSIONL - MAXIMUM TOTAL FERTILITY (DIMENSIONLESS - DESIRED TOTAL FERTILITY (DIMENSIONLESS)
FCE - KeCt-TI	P(1.0, (TABHL (PCET, FCFPC.K, 0, 3, .5)), TIME.K,	
FCEST)		
FCEST=400	0	45.1, C
FCET=,75/ FCE	.85/.9/.95/.98/.99/1 - FERTILITY CONTROL EFFECTIVENESS	
PCE	(DIMENSTONLESS)	
CLIP	- A FUNCTION SWITCHED DURING THE RUN	