| TABHL | - A FUNCTION WITH VALUES SPECIFIED BY A | TABLE |
|----------------------|--|------------------|
| FCET | - FCE TABLE | |
| FCFPC | - FERTILITY CONTROL FACILITIES PER CAPI (DOLLARS/PERSON-YEAR) | TA |
| TIME | - CURRENT TIME IN THE SIMULATION RUN | |
| FCEST | - PERTILITY CONTROL EFFECTIVENESS SET T | IME |
| | (YEAR) | |
| PCPPC . KeDI | LINF3 (FCAPC, K, HSID) | 46, A |
| FCFPC | - FERTILITY CONTROL FACILITIES PER CAPI | TA. |
| 0.0000 | (DOLLARS/PERSON-YEAR) | |
| DLINF: FCAPC | - THIRD-ORDER EXPONENTIAL INFORMATION D - PERTILITY CONTROL ALLOCATIONS PER CAP | ELAY |
| TORFO | (DOLLARS (DEBSON-VEND) | LIN |
| HSID | (DOLLARS/PERSON-YEAR) - HEALTH SERVICES IMPACT DELAY (YEARS) | |
| | | |
| PCAPC . Keps | SAFC.K*SOPC.K | 47, A |
| FCAPC | - PERTILITY CONTROL ALLOCATIONS PER CAP | TA |
| FSAFC | (DOLLARS/PERSON-YEAR) | |
| PSAPC | - FRACTION OF SERVICES ALLOCATED TO FER- CONTROL (DIMENSIONLESS) | LITIAA |
| SOPC | - SERVICE OUTPUT PER CAPITA (DOLLARS/PE | NOSE - |
| | YEAR) | |
| FSAFC.E-TA | BHL (FSAPCT, NPC.K, 0, 10, 2) | 40 . |
| FSAFCT=0/. | 005/.015/.025/.03/.035 - FRACTION OF SERVICES ALLOCATED TO FER | 48, A 48.1, T |
| FSAFC | - FRACTION OF SERVICES ALLOCATED TO FERS | ILITY |
| TABIIL. | CONTROL (DIMENSIONLESS) - A FUNCTION WITH VALUES SPECIFIED BY A | |
| | - A FUNCTION WITH VALUES SPECIFIED BY A | TABLE |
| NFC | - NEED FOR FERTILITY CONTROL (DIMENSION) | rss) |
| | | |
| CAPITAL | AL SUBSECTOR | |
| | | |
| IOPC.K=IO. | | 49, A |
| TOPC | - INDUSTRIAL OUTPUT PER CAPITA (DOLLARS) PERSON-YEAR) | |
| IO | - INDUSTRIAL OUTPUT (DOLLARS/YEAR) | |
| POP | - POPULATION (PERSONS) | |
| IO.Km(IC.K | (1-FCAOR.K) (CUF.K) /ICOR.K | 50, A |
| 10 | - INDUSTRIAL OUTPUT (DOLLARS/YEAR) | 30, 11 |
| IC | | |
| FCAOR | - FRACTION OF CAPITAL ALLOCATED TO OBTAI RESOURCES (DIMENSIONLESS) | NING |
| CUP | | |
| | (DIMENSIONLESS) | |
| ICOR | - INDUSTRIAL CAPITAL-OUTPUT RATIO (YEARS |) |
| ICOR.K-CLI | P(ICOR2, ICOR1, TIME.K, PYEAR) | 51. A |
| ICOR1=3 | | 51, A 51.1, C |
| ICOR2=3 | | |
| ICOR | - INDUSTRIAL CAPITAL-OUTPUT RATIO (YEARS - A FUNCTION SWITCHED DURING THE RUN |) |
| ICOR2 | - ICOR, VALUE AFTER TIME=PYEAR (YEARS) | |
| ICOR1 | - ICOR, VALUE AFTER TIME=PYEAR (YEARS) - ICOR, VALUE BEFORE TIME=PYEAR (YEARS) | |
| TIME | - CURRENT TIME IN THE SIMULATION RUN - YEAR NEW POLICY IS IMPLEMENTED (YEAR) | |
| | - THE PER POLICE IS IMPLEMENTED (TEAR) | |
| IC.K=IC.J+ | (DT) (ICIR.JK-ICDR.JK) | 52, L |
| IC=ICI ICI=2.1E11 | | 52, L 52.1, N |
| ICI=2.1E11 | - INDUSTRIAL CAPITAL (DOLLARS) | 52.2, C |
| DT | - TIME INTERVAL BETWEEN CONSECUTIVE | |
| | CALCULATIONS (YEARS) | |
| ICIR | - INDUSTRIAL CAPITAL INVESTMENT RATE | |
| ICDR | (DOLLARS/YEAR) - INDUSTRIAL CAPITAL DEPRECIATION BATE | |
| | (DOLLARS/YEAR) | |
| ICI | - INDUSTRIAL CAPITAL INITIAL (DOLLARS) | |
| | | |
| ICDR, KL=IC | | 53, R |
| ICDR | - INDUSTRIAL CAPITAL DEPRECIATION RATE | |
| IC | (DOLLARS/YEAR) - INDUSTRIAL CAPITAL (DOLLARS) | |
| ALIC | - AVERAGE LIPETINE OF INDUSTRIAL CAPITAL | |
| | (YEARS) | |

| ALIC.K=CLII ALIC1=14 ALIC2=14 | (ALIC2,ALIC1,TIME.K,PYEAR) | | c |
|--|---|-------------------------|----------|
| ALIC | - AVERAGE LIFETIME OF INDUSTRIAL CAPITAL | | |
| CLIP ALIC2 ALIC1 TIME PYEAR | (YEARS) A FUNCTION SWITCHED DURING THE RUN ALIC, VALUE AFFER TIME-PYEAR (YEARS) ALIC, VALUE BEFORE TITE-PYEAR (YEARS) CURRENT TIME IN THE SIMULATION RUN YEAR NEW POLICY IS IMPLEMENTED (YEAR) | | |
| | O.R)(FIOAL.R) - INDUSTRIAL CAPITAL INVESTMENT RATE (DOLLARS/YEAR) | 55, R | |
| IO FIOAI | - INDUSTRIAL OUTPUT (DOLLARS/YEAR) - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE INDUSTRY (DIMENSIONLESS) | D TO | |
| FIOAL.K=(1 FIOAL | -FIOAA.K-FIOAS.K-FIOAC.K) - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE INDUSTRY (DIMENSIONLESS) | 56, A D TO | |
| FIOAA | - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE AGRICULTURE (DIMENSIONLESS) | D 70 | |
| PIOAS | - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE SERVICES (DIMENSIONLESS) | D TO | |
| PIOAC | - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE CONSUMPTION (DIMENSIONLESS) | D TO | |
| FIOAC.E=CL IET=4000 | IP(FIOACV.K,FIOACC.K,TIME.K,IET) | 57. A 57.1, | c |
| FIOAC | - FRACTION OF INDUSTRIAL OUTPUT ALLOCATE | D TO | |
| CLIP | CONSUMPTION (DIMENSIONLESS) - A FUNCTION SWITCHED DURING THE RUN | | |
| FIOACV | - FIGAC VARIABLE (DIMENSIONLESS) | | |
| FIOACC | - FIGAC CONSTANT (DIMENSIONLESS) | | |
| TIME | - CURRENT TIME IN THE SIMULATION RUN - INDUSTRIAL EQUILIBRIUM TIME (YEAR) | | |
| FIOAC1=.43 FIOAC2=.43 FIOACC CLIP | - FIGAC CONSTANT (DIMENSIONLESS) | 58, A 58.1, 58.2, | CC |
| FIOAC2 | (DIMENSIONLESS) - FIGAC, VALUE BEFORE TIME-PYEAR | | |
| TIME | (DIMENSIONLESS) - CURRENT TIME IN THE SIMULATION RUN | | |
| PYEAR | - YEAR NEW POLICY IS IMPLEMENTED (YEAR) | | |
| FIGACUT=.3 | PABHL(FIOACVT,IOPC.K/IOPCD,0,2,.2) //32/.34/.36/.38/.43/.73/.77/.81/.82/.83 / PIOAC VARIABLE (DIMENSIONLESS) - A PUNCTION WITH VALUES SPECIFIED BY A | 59, A 59.1, 59.2, | Ť C |
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| IOPCD | PERSON-YEAR) - INDUSTRIAL OUTPUT PER CAPITA DESIRED | | |
| SERVICE | (DOLLARS/PERSON-YEAR) SUBSECTOR | | |
| | LIP(ISOPC2.K,ISOPC1.K,TIME.K,PYEAR) - INDICATED SERVICE OUTPUT PER CAPITA | 60, 7 | |
| | | | |
| CLIP ISOPC | PERSON-YEAR) | | |
| ISOPC | 1 - ISOPC, VALUE BEFORE TIME-PYEAR (DOLLA PERSON-YEAR) | RS/ | |
| TIME PYEAR | - CURRENT TIME IN THE SIMULATION RUN - YEAR NEW POLICY IS IMPLEMENTED (YEAR) | | |
| | TABHL (ISOPCIT, IOPC.K, 0, 1600, 200) 0/300/640/1000/1220/1450/1650/1800/2000 1 - ISOPC, VALUE BEFORE TIME=PYEAR (DOLLA | 61, 61.1 | A , T |
| | PERSON-YEAR) | | |
| TABHL | - A FUNCTION WITH VALUES SPECIFIED OF A | | |