

RUP Input Summary

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*-----|-----|-----|-----|-----|-----|-----|-----|-----|
* 56 10      20      30      40      50      60      70      80: Description
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
EDIT                                             : Scan inputs, do not
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
TITL      ntitl                                  : Title for labeling output.
title lines                                     :
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
N5         nage5                                  : # of 5-year age groups.
N          nage1                                  : # of single ages.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
PROJ  yend                                       : Final year of projection.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
SXRB  year      sxrb                              : Sex ratio at birth.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
SPAG         nspag                                  : Special age groups.
  la1 ua1  la2 ua2  la3 ua3  la4 ua4  la5 ua5  la6 ua6  la7 ua7
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
REG          region                                : Coale-Demeny region
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
AREA
area name                                       : Area name (e.g., URBAN).
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
CODE          arnum                               : Code for current area.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
TOT
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
POP sayear      na      p0      tpop              : Base population data.
  pop 1      pop 2      pop 3      pop 4      pop 5      etc.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
MX  sayear      sep0      sep1      na      adj      : Input age-specific central
  mx 1      mx 2      mx 3      mx 4      mx 5      etc.  : death rates.
QX  sayear      sep0      sep1      na              : Input age-specific
  qx 1      qx 2      qx 3      qx 4      qx 5      etc.  : probabilities of dying.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
MLT sayear      e0                                  : Model life table.
MXM s year      e0      sep0                      : Modify mx values to get
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
DTH s year      na      bsdth      mdth      fdth    : Input deaths by age and sex.
SEP0      sep0m      sep0f
  age wid      maled      femd
  or
  age wid      bsexd
* note that the SEP0 record, if desired, must follow the DTH record
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
ASFR ayear      ia                                  : Input age-specific
  asfr 1      asfr 2      asfr 3      asfr 4      asfr 5      etc.  : fertility rates.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
TFR  year      tfr                                  : Input total fertility rate.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
BTH  year      na      bsbth      mbth      fbth    : Input births by age.
  age wid      bsexb
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
MIGNsayear      na                                  : Input net numbers of
  migs 1      migs 2      migs 3      migs 4      migs 5      etc.  : international migrants.
MIGRsayear      na                                  : Input net international
  rate 1      rate 2      rate 3      rate 4      rate 5      etc.  : migration rates.
RUMNsayear      na                                  : Input net numbers of
  migs 1      migs 2      migs 3      migs 4      migs 5      etc.  : internal migrants.
RUMRsayear      na                                  : Input net internal
  rate 1      rate 2      rate 3      rate 4      rate 5      etc.  : migration rates.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
OUTPsayear      frq      yrf      dsrn            : Detailed output.
OPOPsayear      frq      yrf      dsrn            : Population output.
OMX sayear      frq      yrf      dsrn            : Mx or life table output.
ODTHsayear      frq      yrf      dsrn            : Output deaths by age/sex.
OBTHsayear      frq      yrf      dsrn            : Output births by age.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
END
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
NOTE      nn                                       : Notes to describe inputs,
notes go here ..                               : etc.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
* comment                                       : Comments on inputs, etc.
*-----|-----|-----|-----|-----|-----|-----|-----|-----|
* 56 10      20      30      40      50      60      70      80:
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RUP Input Summary (continued)

(symbol definitions)

Symbol	Definition
a	(column 6) age grouping
0 or blank	= default
1	= single years of age
4	= ages 0, 1-4, 5-9, 10-14, etc.
5	= ages 0-4, 5-9, 10-14, etc.
9	= total, all ages (MIGN and RUMN only)
adj	if > 0, adjust mx for ages 1, 2, 3, 4
age	lower limit of age group
arnum	area number
bsbth	total births both sexes
bsdth	total deaths both sexes
bsexb	both sexes births
bsexd	both sexes deaths
dsrn	data set reference number
e0	life expectancy at birth
fbth	total births female
fdth	total deaths female
femd	female deaths
frq	frequency of output
ia	initial age of ASFR data
la	lower age for special group
maled	male deaths
mbth	total births male
mdth	total deaths male
na	number of ages of data
nage1	# of single ages to use in the projection
nage5	# of 5-year ages to use in the projection
nn	number of following records with notes
nspag	# of special ages
ntitl	number of TITL records
p0	population under age 1

Symbol	Definition
region	Coale-Demeny model life table region to be used, if needed
1	= West
2	= North
3	= East
4	= South
s	(column 5) sex code
0 or blank	= default
B	= Both sexes
E	= Each sex, (male, then female)
F	= Female
M	= Male
sep0	separation factor age 0
sep0f	female separation factor age 0
sep0m	male separation factor age 0
sep1	separation factor ages 1-4
sxrb	sex ratio at birth (male/female)
tfr	total fertility rate
tpop	total population
ua	upper age for special group
wid	width of age group
year	year to which data refer or starting year for output
yend	ending year of the projection
yrf	final year to print