HMD Calculations Flow / Period Calculations 10May2003

Each Country is designated by a unique 3-digit country code (XYZ). Each country is a subdirectory which contains
of the output files and diagnostics, or else contains symbolic links to material that is used (e.g. InputDB, LexisDB).

A Makefile governs dependencies and updates, treating each country as a separate project. Each STAGE may be inv
completed, a null file called 'STAGE.xxxx' where 'xxxx' is the stage name in the table below. To recompile a whol
STAGE.* files and rerun 'make'. Any change to a dependency of a particular stage (e.g. input data changed, matlab
prior STAGE has been recomputed) means that that stage will be recomputed.

The Makefile sets environment variables specific to the country and then makes appropriate command line calls to n
various stages.

STAGE	Programs	Output	Dependencies	No
initialize	@startup.m, @Makefile,		XYZ/local.mk	Makefile and country-sp local.mk define environ name, CS, override of d OPENAGE for Canada and inherits values from ca
bs	bs.m	fbs.mat, mbs.mat	LexisDB/ fXXX.txt, mXXX. txt, tadj.txt	Reads in text file from any territorial adj. in InputDB. Temporary bina the website.
Births	c_births.m	Births.txt	InputDB/ births.txt	In case of territorial value is used.
deaths	c_deathscounts.m w_deathslex.m w_deathsnx1	Deaths_lexis.txt Deaths_NxK.txt	(STAGE.bs dependency)	Death counts by Lexis t Deaths by aggregate age
Population	c_population.m	Population.txt	fbs.mat, mbs.mat (STAGE.bs dependency)	
ltper	ltper.m ltper1.m ltper5.m ltper10.m hmdlifetablepc.m hmdltabr.m lftcmx.m	fltper.mat, mltper.mat, bltper.mat	fbs.mat, mbs.mat (STAGE.bs dependency)	Period life table Each containing 1x1,1x5,1x10 variants, e.g. fltper_5 [yf,yl,age,exps,occs,m

wlt	w_ltper.m w_ltout.m	Fltper_NxK.txt	(STAGE.ltper dependency)	ASCII period lifetable

rates	w_exposeout.m
	
	w_e0.m
	w_Mxout.m
		Exposures_
		  NxK.txt
		E0.txt
		Mx_NxK.txt
			fltper.mat,
			mltper.mat,
			bltper.mat
			(STAGE.ltper
			dependency)
				Exposure to risk (NxK)
				  =1x1,1x5,1x10,5x1
				Life Expectancy
				Death Rates (NxK as abo

diag	C_diagnostics.m	.html, .csv and many .png files	Dependent on all above STAGES	Diagnostics plots of de