

DemoTools

Tool #1 - Population Projections: Features List	Version		
	Standard	Professional	Advanced
Cohort-component-projection (core engine), based on age-specific fertility rates, central death rates, mid-term adjusted migration, and (if requested) calibration factors	✓	✓	✓
Complete sets of <i>default</i> input data for all countries and major regions worldwide (according to the 1998 UN World Population Prospects) for quick and easy projections	✓	✓	✓
Automatic calculation of abbreviated life tables (you can use <i>standard</i> death rates as input for the projection)	✓	✓	✓
Completely transparent file structure (all input and output files are <i>standard</i> ASCII files, which you can edit freely)	✓	✓	✓
Automatic summary tables (total population, population by age groups, total population change, population change in %)	✓	✓	✓
Trend charts (total population & population by selected age groups: children & elderly)	✓	✓	✓
Animated population pyramids (to show population change unfold during projection period)	✓	✓	✓
Copy & paste of output <i>tables</i> (into Windows applications, such as MS-Excel, MS-PowerPoint, Adobe Photoshop)	✓	✓	✓
Copy & paste of output <i>charts</i> (into Windows applications, such as MS-Word, Paintbrush, Internet Explorer, Netscape)	✓	✓	✓
Printing: total population by age and sex for total projection period (5-year steps)	✓	✓	✓
Printing: population by selected age groups (total population in age group and as percentage of total)	✓	✓	✓
Loading and saving of <i>custom</i> input files (with your own input data or with your modifications of the UN default input data sets)	-	✓	✓
Extended print menu with additional possibilities to modify print parameters (selective printing)	-	✓	✓
Additional output: total number of annual births & deaths for all projection periods (male & female)	-	✓	✓
Additional output: crude birth rate, crude death rate, rate of natural population change for all projection periods	-	✓	✓
10 Lectures in demographic modeling (with problem description, modeling instructions, discussion of results)	-	-	✓
10 Custom input data sets , specifically prepared for the demographic lectures; automatic loading of appropriate input data files for each lecture	-	-	✓
Advanced input parameter menu with additional possibilities to modify projection parameters	-	-	✓
Advanced printing options: printing of abbreviated life tables for the base period and for all projection periods (male & female)	-	-	✓
Options for changing the colors in charts (important for publishing and MS-PowerPoint presentations)	-	-	✓
Advanced UN input data selection menu with separate sorting for regions, countries; also has UN sort order and alphabetical sorting	-	-	✓