## DEMO2002 - Tutorial 9

## Population pyramid of USA 2021 2051 2081 110 100 90 80 70 Sex 60 Female 50 Male 40 30 20 10 0 -0.5% 0% 0.5% -0.5% 0% 0.5% -0.5% 0% 0.5% Percentage of Population

Figure 1: Population Projection - USA 2021-2081

Data source: HMD

The above graphic presents projections of USA's population over 60 years. It can be seen that the distribution stabilizes over time, with a lot variation by age being smoothed out. It is also seen that the aged population starts to wane later and later over the years.

This can be interpreted as the effect of regularizing mortality rates. There are fewer deaths throughout the lifetime, with most people living longer.