

Mortality in Barcelona, Course project:

Using a dataset containing data from Mortality in Barcelona from years 2001 to 2011 (6589 rows):

Data organized according to the following columns:

- Years from 2001 to 2011 (Year)
- The given [Cause of Death](#) (CauseOfDeath)
- Number of deaths by age group: from 0 to 14 years old (N01_14), from 15 to 44 (N15_44), from 45 to 74 (N45_44), ,more than 75 years old (N75_XX), and from all ages (TOTAL)
- [Rate of number of deaths](#) within the amount of population in Barcelona, corresponding to the same age groups (TX01_14, TX15_44, TX45_74, TX75_XX, TXTOTAL)
- [Confidence Interval \(IC95\)](#)
- Comparative Mortality Ratio (RMC)
- Percent of number of deaths within the Cause of death (PCTTOTAL)
- [Rate of number of deaths](#) within the amount of population in Barcelona (TXOTAL)
- [Standardized mortality rate](#) balanced with the population of Barcelona in the year 1996 (TSTDOTAL)

Displaying the Mortality in Barcelona:

Perform a visualization of data from two perspectives: evolution of mortality in Barcelona showing all years, according to District and Sex values selected in the sidebar panel combo boxes; mortality in Barcelona per Cause of death, according to Year, District and Sex selected values in the sidebar panel combo boxes (calculate and display also mean of Comparative Mortality Ratio).