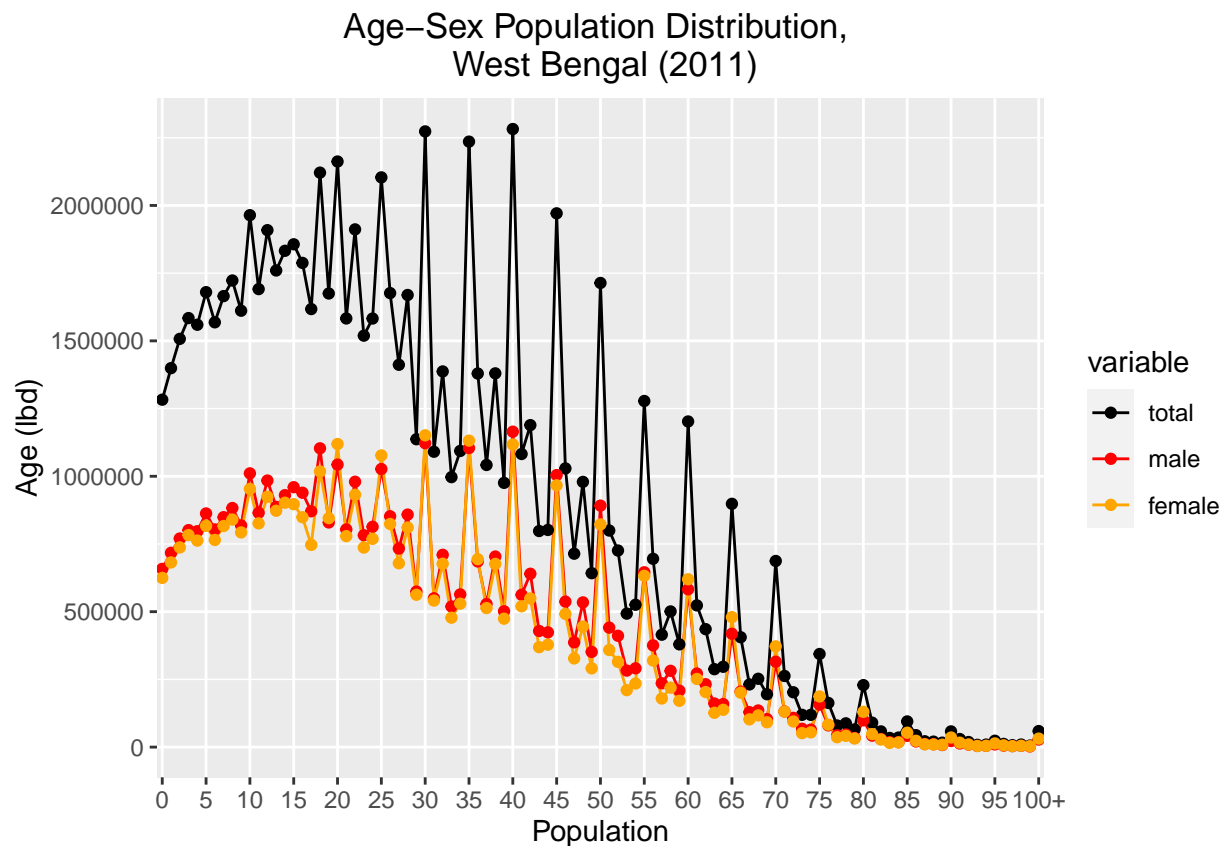# Error in age-sex Data of WB

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IIPS/MBD/2020-22

23/12/2020

The errors in the age-sex data of West Bengal as enumerated in the census of West Bengal, 2011 are discussed here.
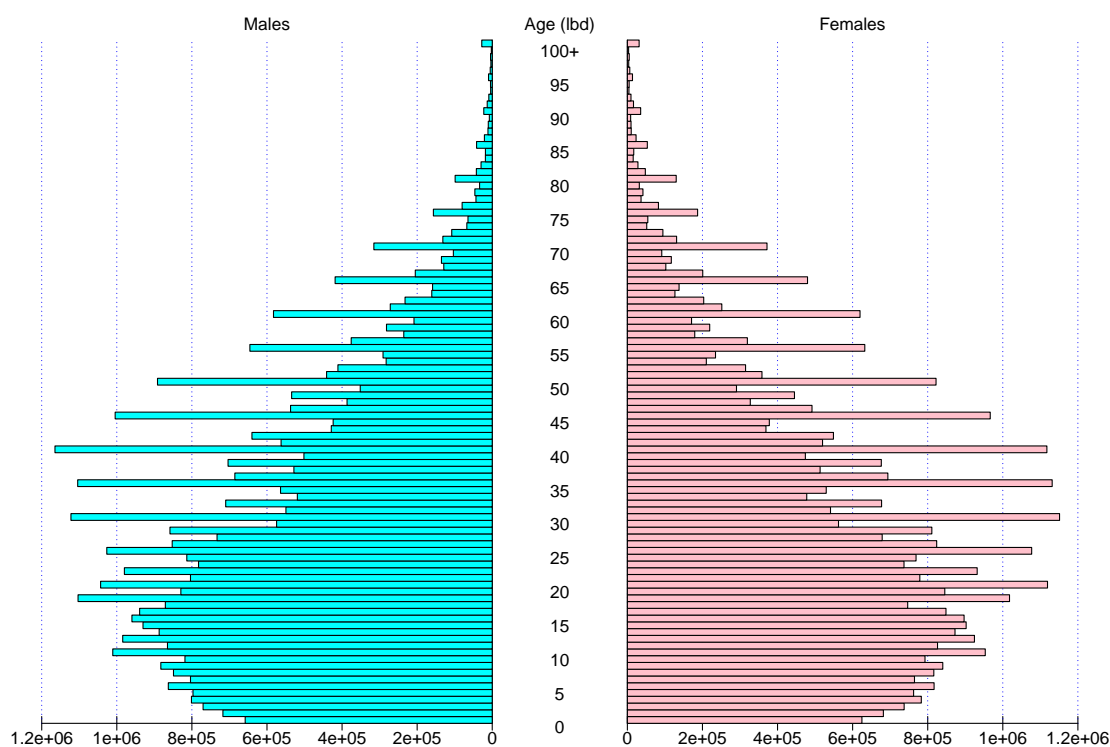
Single-year Age Groups

Line curves are plotted for total, male and female populations according as the ages.

Single year population pyramid with absolute population size values for each age-sex is constructed.

Single–year Age Population Pyramid
West Bengal, 2011

It is clear from the above figures that population count unusually spikes hugely at ages ending 0 and 5. Spikes, albeit smaller, are also noticed at even ages. It is clear that people are biased in favour of reporting ages divisible by 5 and slightly lesser biased towards reporting even ages. The tendency to report odd ages is low. This age-heaping creates errors.