

## **Part II Review**

The first half of the claim is correct. The retiree age at death is a wide distribution covering spread from 54 to 104. The distribution skewed left.

The second half of the claim is not correct according to the histogram. The mean for the distribution includes all retirees who died in the past 6 years including those who died before age 65. To compare the reported life expectancy from SSA, we have to exclude retirees who died before age 65. In addition, we also need to include the age at death for retirees who reached age 65 in the past 6 years and currently alive. Those retirees are not included in the distribution. The mean for the distribution is comparable to the reported life expectancy from SSA after adjustment.

As the distribution skewed left, median is a more appropriate measure than mean. It is not sensitive to outliers like 54 or 104.