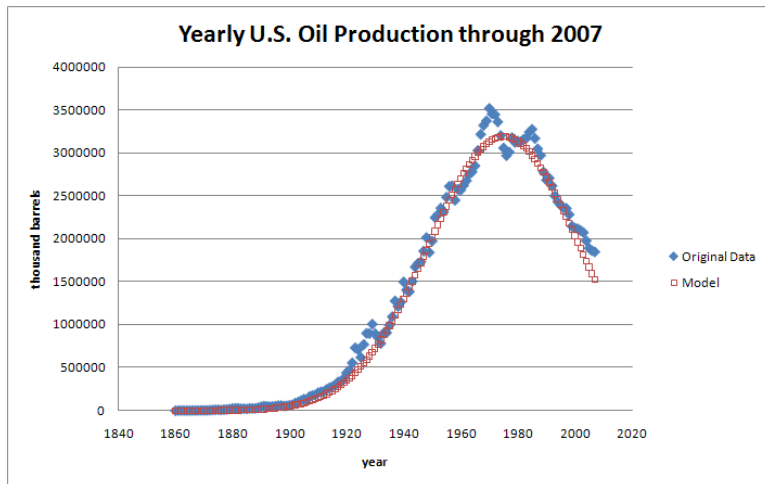


## Peak Oil and Normal Models

United States Oil production can be modeled by a normal distribution (see graph) with mean the year 1975 and standard deviation 26.23 years.



### Questions

1. According to the model, what percentage of our oil supply did we use from 1960 to 1990?
2. According to the model, what percentage of our oil will we consume after 2010?
3. What is the interquartile range for the model?
4. In what year will we have consumed 99% of our oil?