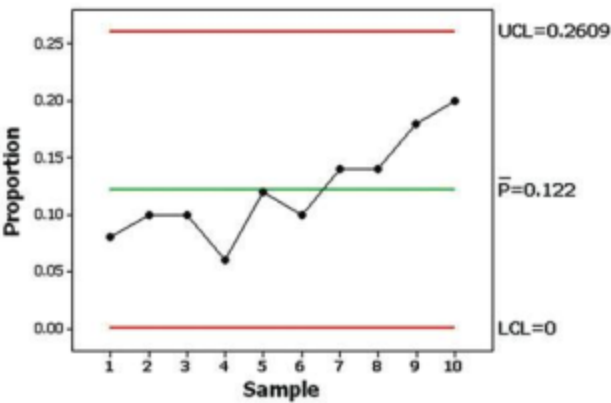
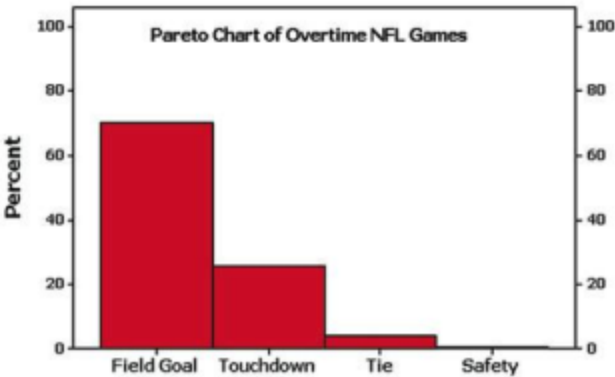


6. There appears to be a pattern of an upward trend, so the process is not within statistical control.



7.



- 8. a. With 23.58% of males with head breadths greater than 17 cm, too many males would be excluded.
- b. 11.1 cm and 19.3 cm
- 9. With a voluntary response sample, the subjects decide themselves whether to be included. With a simple random sample, subjects are selected through some random process in such a way that all samples of the same size have the same chance of being selected. A simple random sample is generally better for use with statistical methods.
- 10. Sampling method (part c)