



Lean Tool – Run Chart

Purpose:

- Run charts are a visual depiction of how the process has performed over a period of time

Application:

- Great tool for following the PDSA methodology – tracking performance before and after changes are made
- When you need to understand:
 - How a process has performed over time
 - The variation that exists in the process
 - If shifts or trends exist in how the process has been performing

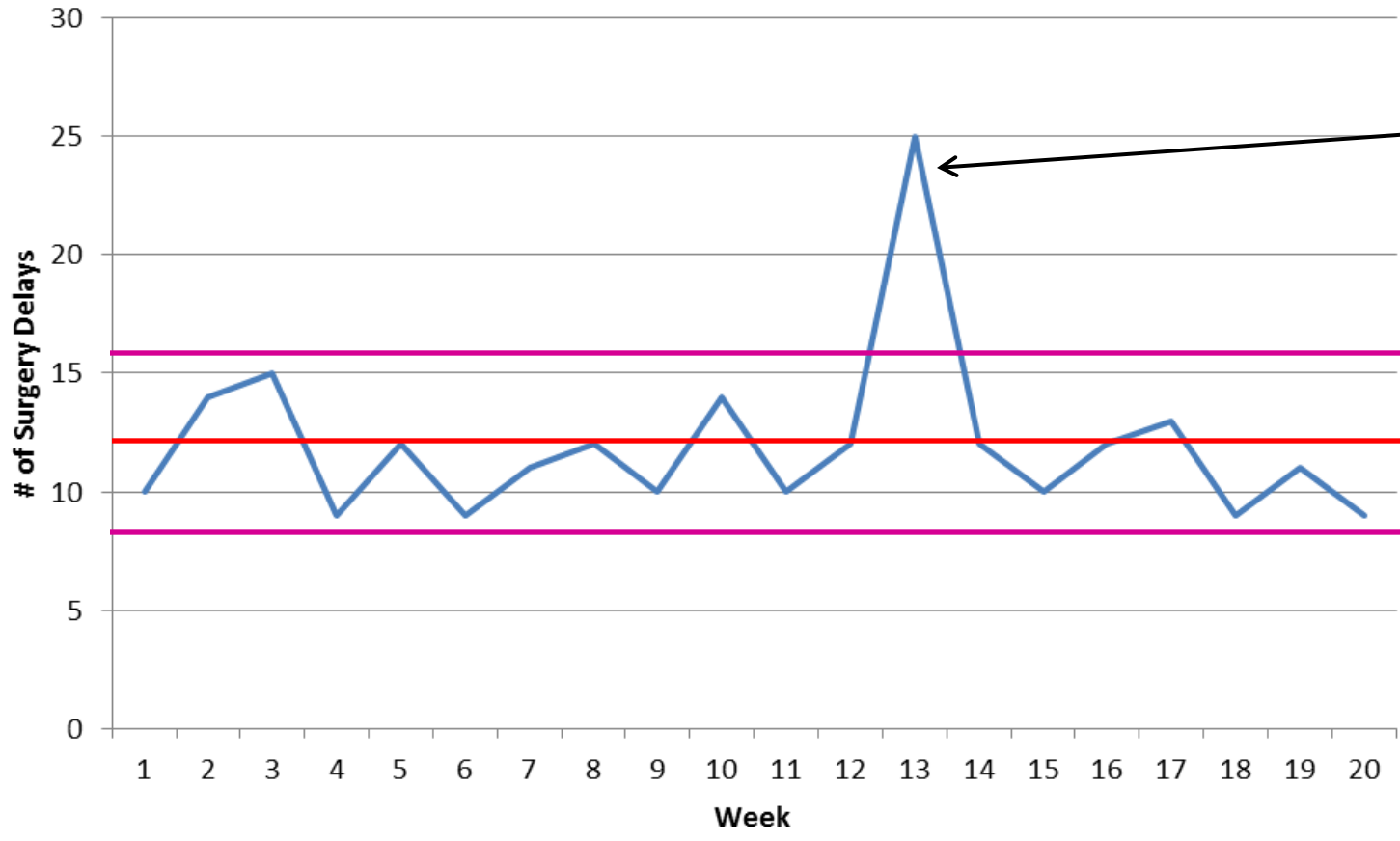
Methodology:

- Run charts can be created by hand or easily created using Microsoft Excel
 - Y axis (vertical) = the metric you are tracking (# of errors, # of delays, etc.)
 - X axis (horizontal) = the periods of time the metric is being tracked (days, weeks, months, etc.)



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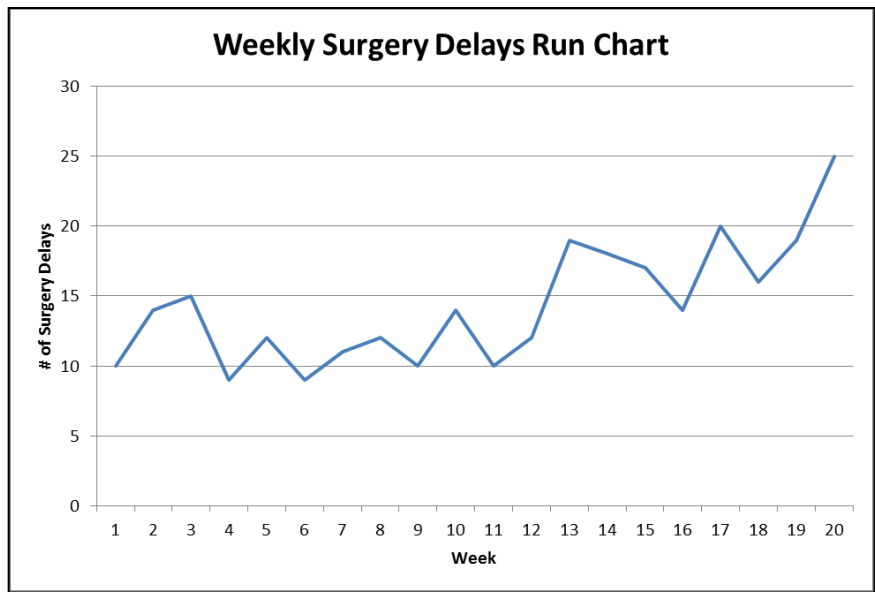
Weekly Surgery Delays Run Chart



Special Cause Variation

Normal Variation

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Trends

Shifts

