Stratification

- **Stratification is the process of breaking down a large problem into a smaller, more manageable issue**

**Big, Cumbersome Problem** → **Moderate sized portion of larger problem** → **Easily manageable sample of larger problem** 🙂
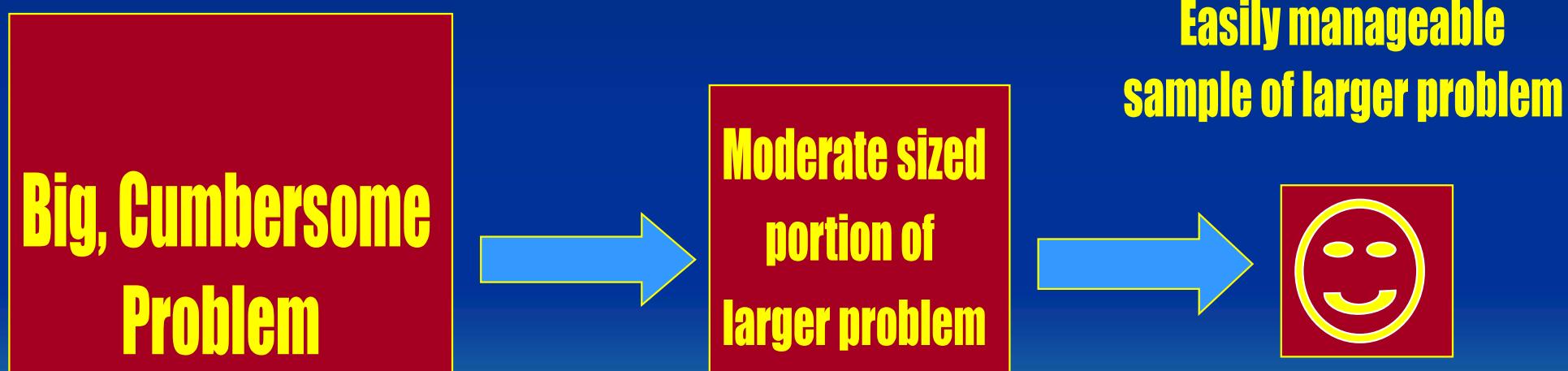
Stratification

- **EXAMPLE:**

Trailers Later Than Tact Time- January 2007
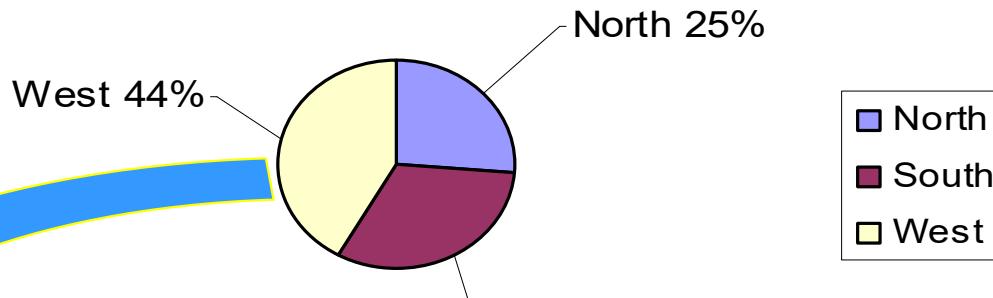
West 44%

North 25%

South 31%

- North
- South
- West

West Trailers Later Than Tact Time- January 2007

89

25

49

65

40

Of Trailers

100
80
60
40
20
0

W1   W2   W3   W4   W5

West Dash

West 1 Trailers Later Than Tact Time- January 2007

B-Shift   38

A-Shift   51

Shift

0   10   20   30   40   50   60
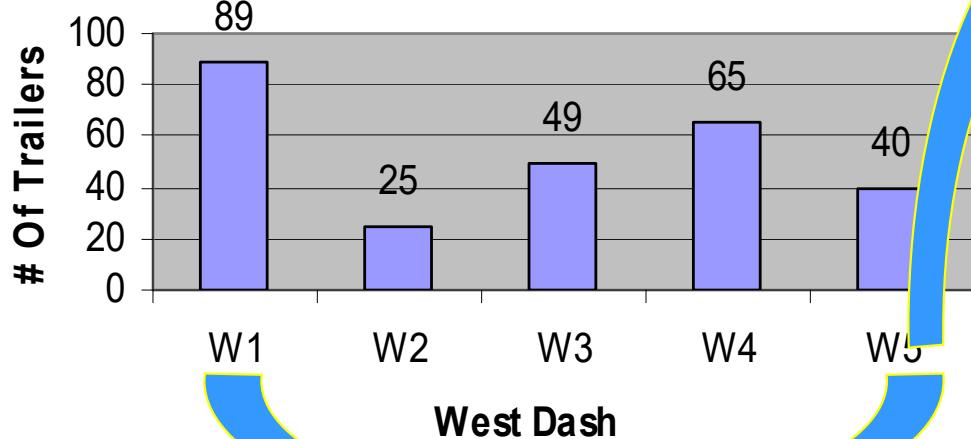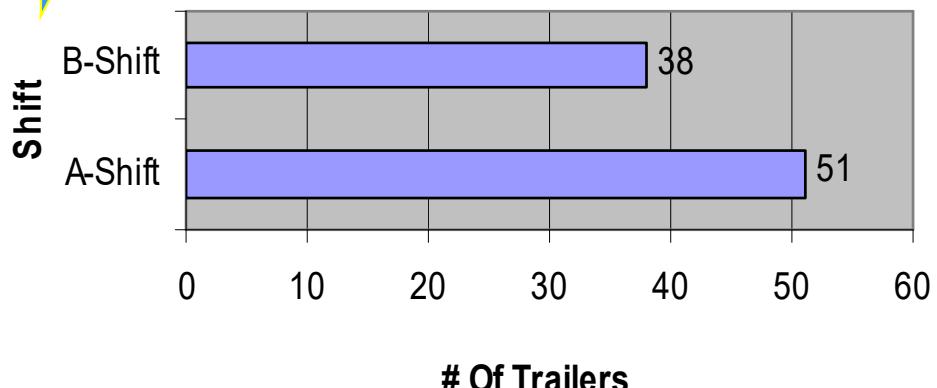
 # Of Trailers

Stratification

- **From the charts we can see that we broke the original problem (Trailers Later than Tact Time) down to West Trailers down to West 1 Trailers down to West 1 Trailers on A-Shift Later than Tact Time.**

Stratification

- **Therefore "West 1 Trailers On A-Shift Later Than Tact Time" has become our CORE DATA**

- **By concentrating on the core data often you will find that other issues that you past while stratifying are also resolved**

Stratification

#6. Number the following data points to show Stratification from the broadest problem down to the core data:

Plant 2 North Misshipments

HCM Index Point Failures at SPS

Plant 2 North Hand Pack Misshipments

Plant 2 Misshipments

Misshipments