

Basic ways to display your data

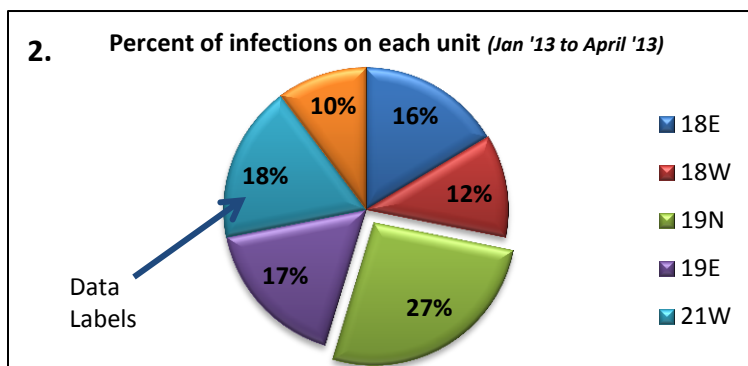
1. Table

- Use to display raw data
- Will be harder for a reader to interpret than a graph
- Add emphasis (circle or use color) on cells that are important!

1. Number of CAUTI by Unit (Jan - April '13)					
Unit:	Month				TOTAL
	January	February	March	April	
18E	3	9	7	2	21
18W	4	3	4	4	15
19N	26	2	3	3	34
19E	8	12	1	1	22
21W	2	6	3	12	23
21E	1	9	2	1	13
TOTAL	44	41	20	23	128

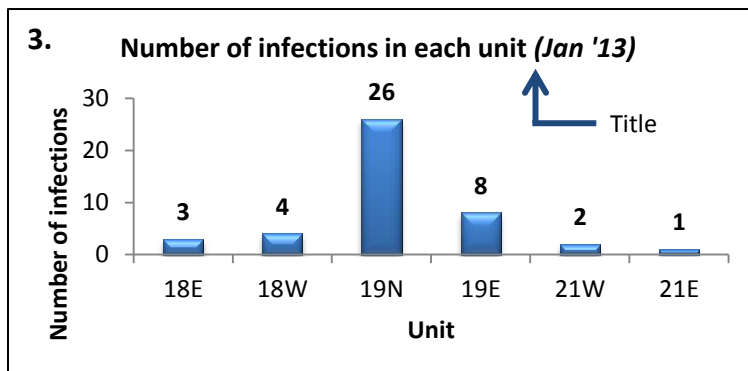
2. Circle or Pie Graphs

- Use to compare parts to a whole
- Can easily compare percentages
- Can only show 1 data set
- (i.e. The % of CAUTI's on 9N compared to the rest of CCD)



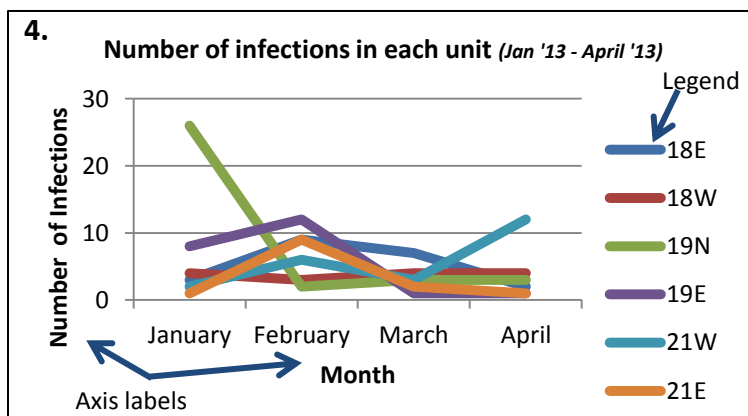
3. Bar Graphs

- Use to compare data and show trends
- Can display 1-2 sets of data
- Not good for showing value in different time periods
- (i.e. The # of CAUTI's on 9N each month OR the # of CAUTI's in each unit in CCD for the month of January)



4. Line Graph

- Use to show value at different points in time
- Can show many (4-6) data sets
- (i.e. The # of CAUTI's on each unit in CCD for 4 months)



Be sure your graph includes:

1. Title
2. Data Labels (when needed)
3. Legend (when needed)
4. Labels on both axis

** Data shown is not actual UCM data



How to choose your measures

Four types of Measures:

Structure: Materials you have or need to make the change

- Material resources
- Human resources
- Organizational structure

Process: What changes are made to achieve the outcome

- Changes in the workflow of providers
- Changes in hospital operations
- Changes to follow best practices

Outcome: The end goal

- Health status of patients and population
- Improvement in knowledge or behavior
- Satisfaction scores

Balance: Side effects of the interventions

- Are the changes that are made in one area causing changes in another area?

Example: You are trying to reduce the number of deaths caused by dragon bites

Goal: To reduce the number of fatal dragon bites by 25% in 6 months

Structure: The availability of facilities or physicians providing care for dragon bites

Process: The number of patients receiving appropriate medications following a dragon bite

Outcome: The number of patients who died following a dragon bite

Balance: The percent of patients who did not have a dragon bite but still received dragon bite medication (*has this gone up because dragon-bite medications are now being given to all patients?*)