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# *Data to Action Cycle*





# Use data to: Set a goal/target



- determine
  - where you are
  - where you want to be
- involve stakeholders
- publish goals
- track and publish progress



## *Breastfeeding*

### Prior to December 2010....

- Question on BC....how is the mother feeding her infant at discharge
  - How collect/determined varied by hospital
    - Allows for comparisons within hospital

### Since December 2010...

- Focus is on Exclusive Breastfeeding in the hospital
  - Consistent with Joint Commission
  - Provides for intra and inter-hospital comparisons

During the period between birth and the fifth day of life (or discharge from the hospital if the infant is discharged before the fifth day of life), indicate whether the infant has been fed breast milk exclusively, infant formula only, a combination of both breast milk and formula, or other.

## **Breast Milk Only:** (Exclusive breast milk feeding)

- Infant has been fed ONLY breast milk and no other liquids or solids except for drops or syrups consisting of vitamins, minerals, or medicines.
- Breast milk feeding includes expressed mother's milk as well as donor human milk, both of which may be fed to the infant by means other than suckling at the breast.



## Formula Only:

- Infant has been fed formula (any amount). Has NOT been fed any breast milk. May or may not have been fed other liquids, such as water or glucose water.

## Both Breast Milk and Formula:

- Infant has been fed BOTH breast milk (any amount) AND formula, water, glucose water and/or other liquids (any amount).

## Other:

- Infant has NOT been fed any breast milk or formula. This response is rare; it will include infants in the intensive care unit who require intravenous feeding.



# Using Data: BF on Birth Certificate

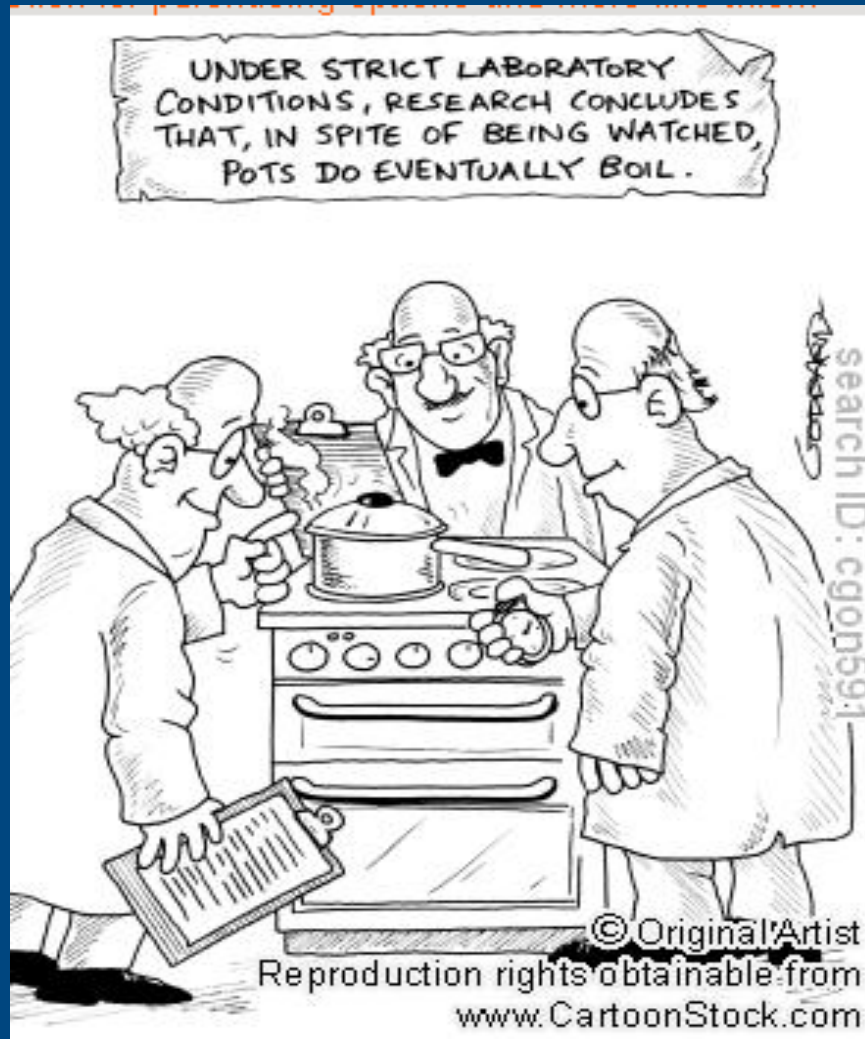
		Breast Milk Only	Formula Only	Both Breast Milk and Formula	Unknown
	n	%	%	%	%
<b>Mother's Age</b>	<b>Row Percents</b>				
Less than 19	108	35.2	36.1	25.9	2.8
19-25	688	44.5	31.1	22.8	1.6
26-35	1210	70.8	17.8	10.6	0.8
Over 35	463	73.4	14.0	10.2	2.4
<b>Mother's Age</b>	<b>Column Percents</b>				
	n=	1541	534	361	34
Less than 19		2.5	7.3	7.8	8.6
19-25		19.9	40.2	43.6	31.4
26-35		55.6	40.3	35.6	28.6
Over 35		22.0	12.2	13.0	31.4





**My question is, “Are we making a difference?”**





## Determine

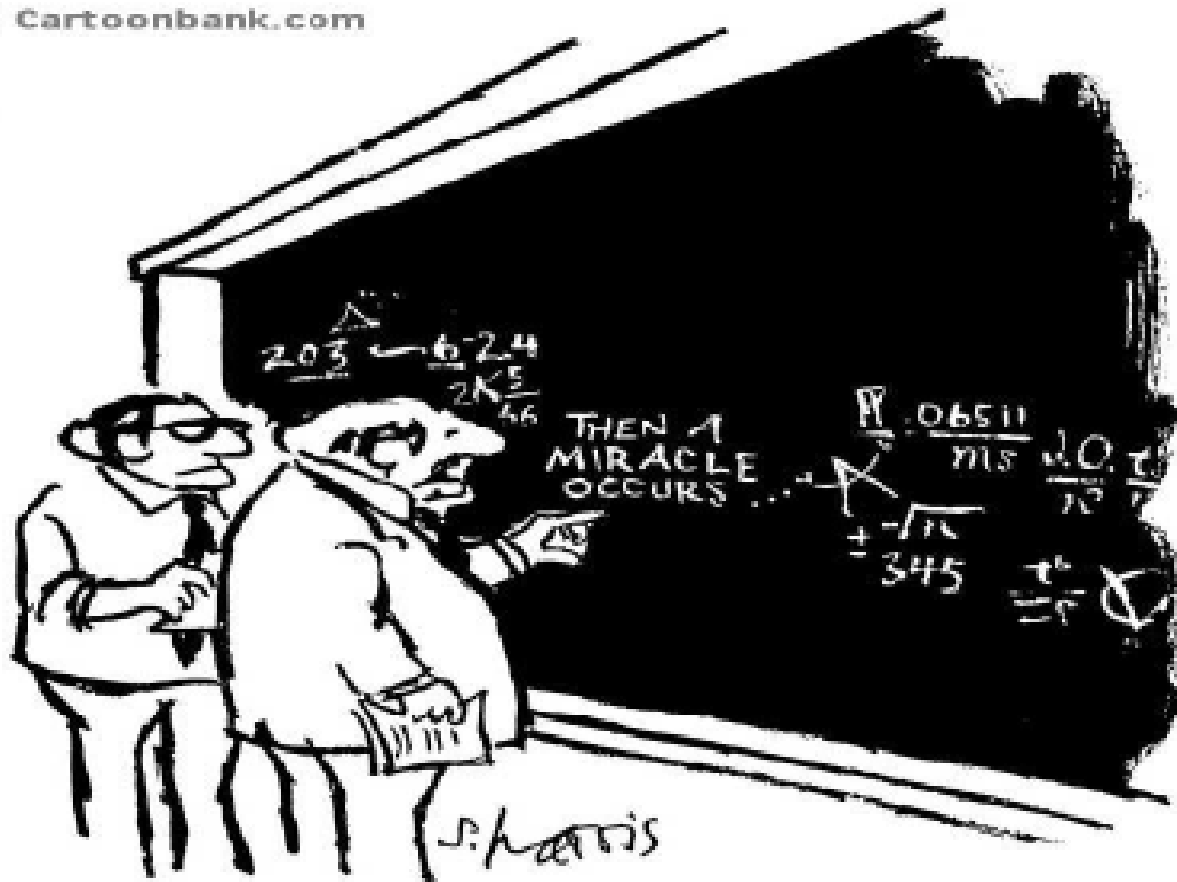
- what to collect
  - process
  - outcome
- how/who to collect
  - existing data source
  - expand existing process
  - establish new
- Analysis
  - how often
  - identify meaningful sub-groups

Track and report progress

Identify areas for process improvement

## *Summary*

- Plan....
  - think about the question you want to answer
- Collect the data you need
  - Use/improve existing sources
- Use the data you collect
- Share the data....
  - involve stakeholders
    - in interpretation....
    - next steps
- Act on the findings



**"I think you should be more explicit here in step two."**