



Monitoring and Managing (M&M) field operation using GIS tools

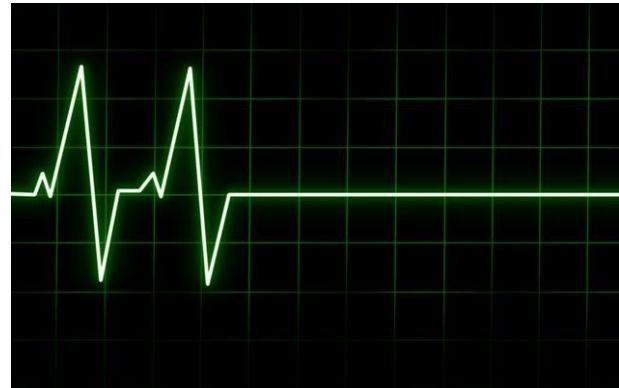
Activity D3

July 2016



Monitoring & Managing

- **Monitoring** – watching a phenomena and identifying a problem

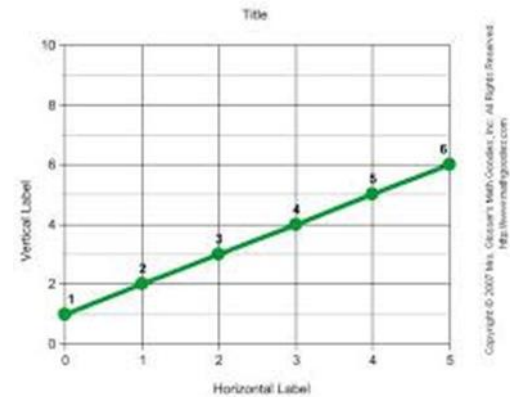


- **Managing** – making an action to solve the detected problem



M&M

- **Linear M&M** – dividing the sample and expecting to receive each month the same amount of Questioners



- **M&M by benchmark** – Using past data collection experience in order to set educated goals

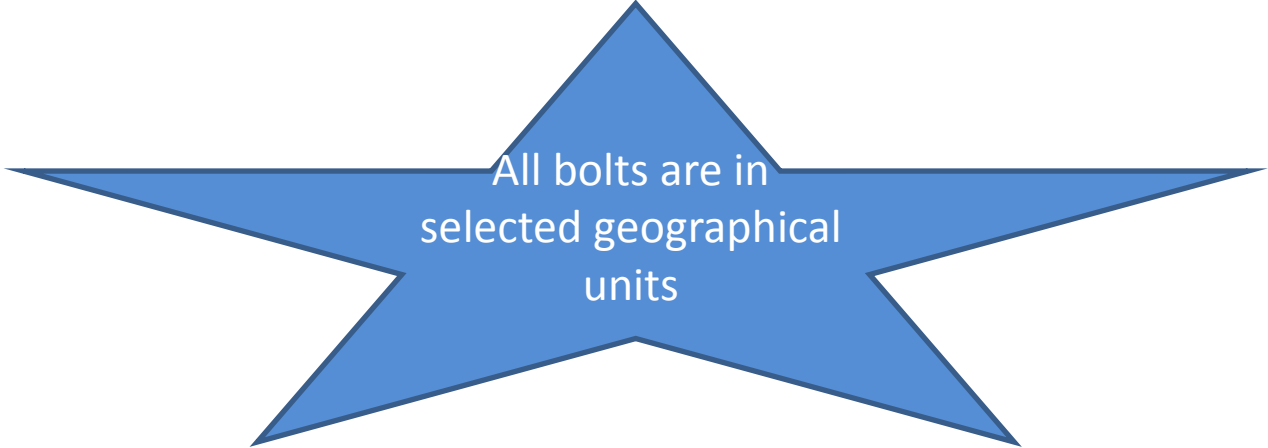


Ways to monitor

- Tables
- Graphs
- Maps
- **Our goal: integrated monitoring tool** that will enable us to move from table to graph and to map by click

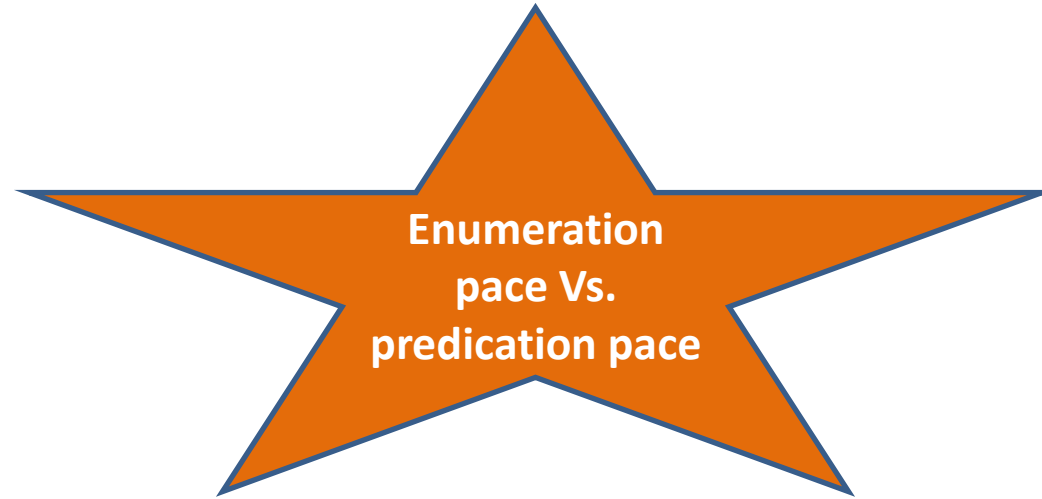
First step - What do we need to monitor?

- Pace: opening Vs. workload opening plan
- **Enumeration pace Vs. predication pace**
- Non response (visualization)
- The numbers of field visits per unit



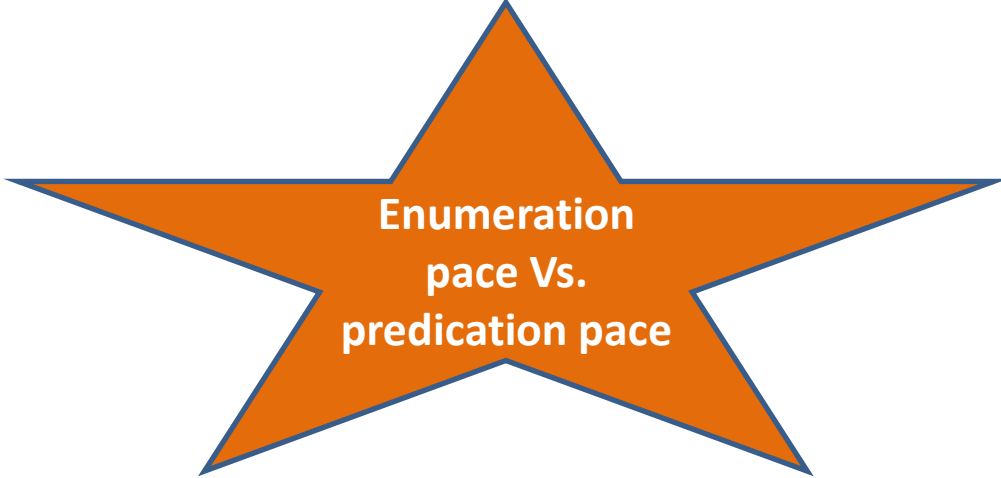
All bolts are in
selected geographical
units

Second step – Analyzing the monitored phenomena



- Low pace reasons:
 - High non response by reason of non response
 - High non visitation rate

Third step – managing with GIS



Enumeration
pace Vs.
predication pace

- Managing action like talking, helping, guiding etc.
- Changing workload
 - Split workload
 - Move unit to another enumerator
- Move over



The Output

- To simplify the M&M for the field operation in real time.
 - Adding the geographical added value to the enumeration process
 - Defining potential problematic area for enumeration in advance

Actualization

- The pilot will be conducted on the basis of the Social survey.
- The first step all paradata from the SS years 2010-2015 will be set on a map.
 - For each SA we'll build a respondents rate profile expectancy.
 - For each SA we'll build a profile tapestry of its' demography-socioeconomic charecteristic.