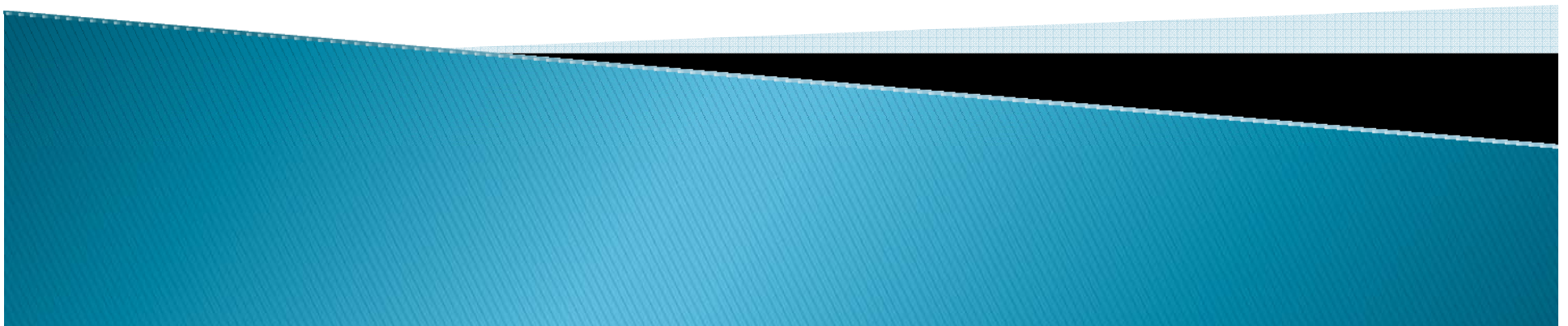
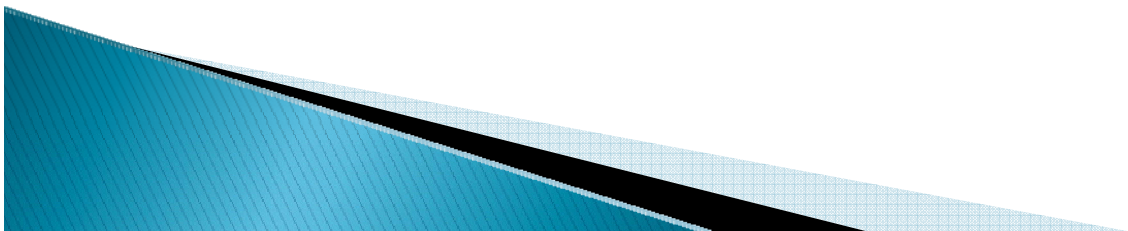


Implementation Science Approaches for Improving Maternal and Newborn Outcomes



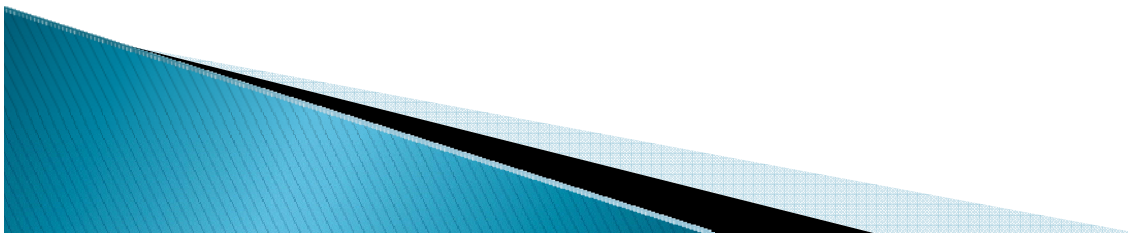
Throughout CDC, much of the science being done can be seen as implementation science or its close relatives, though many aren't familiar with the term. People would be more likely describe their work using terms like:

- ▶ Translation science
- ▶ Evidence-based science
- ▶ Operations research
- ▶ Data-driven programming
- ▶ Others



CDC's core science functions

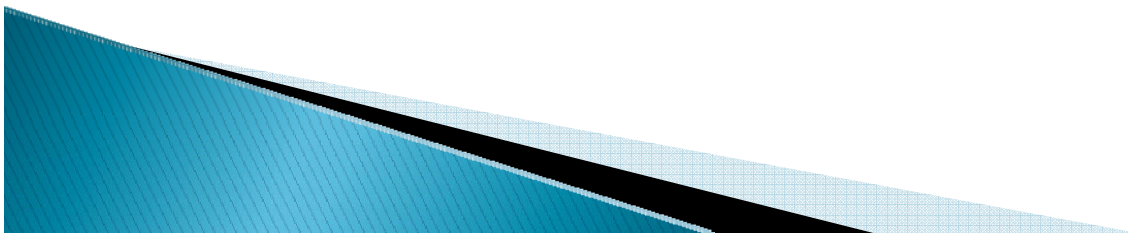
- ▶ Do not tend to focus on clinical or biomedical work
- ▶ In RH do not tend to focus on implementation
- ▶ Do tend to focus on determining ways to make maximum impact on public health problems
- ▶ Compiling scientific evidence with an eye toward figuring out ways to translate that evidence into effective actions to improve health
- ▶ Maybe not implementation science precisely, but closely related



Some common RH activities not typically associated with implementation science can serve that function:

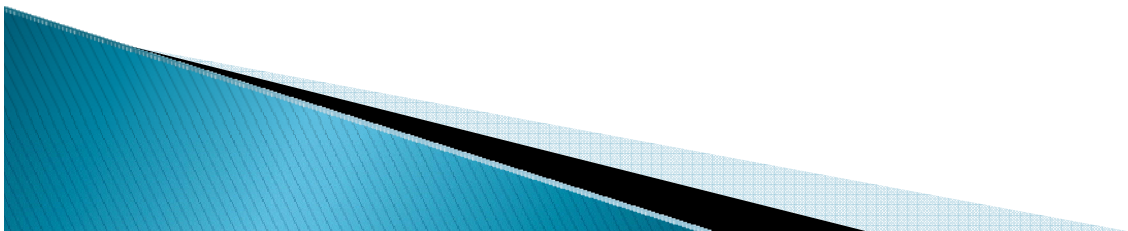
▶ **Maternal/Newborn Mortality Surveillance**

- Not done just for counting and tracking
- Serves a much broader purpose
- Information on, e.g., causes of death, conditions surrounding deaths, contributing factors, is used to evaluate interventions.
- Important step in the intervention process



Some common RH activities not typically associated with implementation science can serve that function:

- ▶ **Prospective tracking of pregnancies in a Kenya**
 - Following a cohort of pregnant women in a Kenyan DSS
 - Will track behaviors in pregnancy, use of services, pregnancy outcomes
 - Will provide information on why women in particular settings with particular characteristics use or don't use particular services
 - Answer questions about how could implementation could be changed to improve outcomes.



Some common RH activities not typically associated with implementation science can serve that function:

- ▶ **Capacity building (FE(L)TP)**
 - Currently in the process of expanding FETP from traditional focus on infectious disease to include an MCH track in some countries
 - In addition to conventional epidemiology, the curriculum will include implementation science, so participants will be able to use this approach for understanding health problems and developing approaches to deal with them.

