Increasing Health Systems’ Capacity for Policy Analysis and Response to Neonatal and Maternal Survival Challenges through the Use of System Thinking Tools

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• Understand neonatal and maternal survival challenges as complex adaptive system

• Use of participation group model building with stakeholders and system dynamics modeling and simulation
Computer simulation model helps people develop system insights and find potential leverage points.

Board game helps with understanding model assumptions and limitations.
Macro system

Actor levels

- National intersectoral systems
- National health systems
- Regional health systems
- Organizations
  - Communities, individual providers, units within organizations

Current Products

- SM2015 causal maps
- MCH Strategic Model & MCH Board Game
- Capability traps workshop for QI initiatives

Next Steps

- SM2015 strategic map
- MCH strategic model of system performance
- Process improvement system archetypes
- Community causal maps