





The main question:

4 How can we penetrate the black box?

What is Quality Improvement?

• Identify waste caused by failures and defects which directly affect quality and cost

• Big QI and small qi

• Top down and bottom up

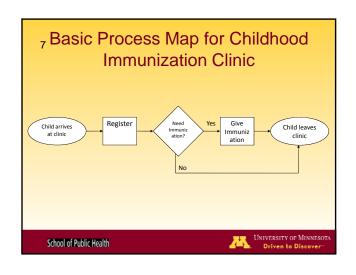
The next question:
How can we improve processes?

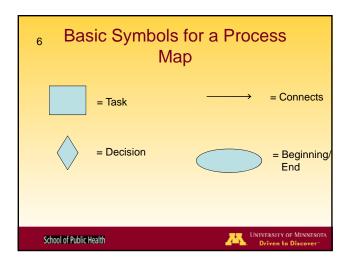
What is a Process?

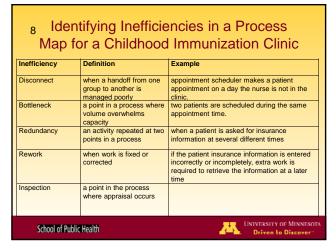
1. Series of steps to produce output (product or service)
2. Almost always cross functional
3. Organization is only as effective as its processes
4. It is repetitive
5. Flow, Pull

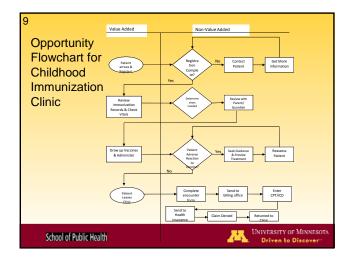
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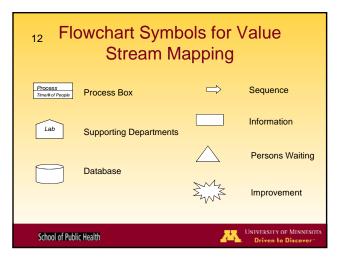


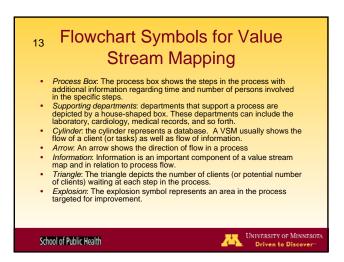


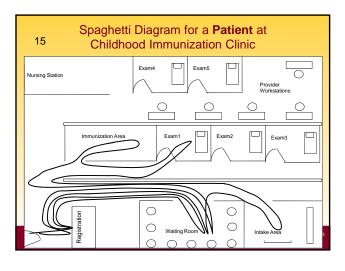




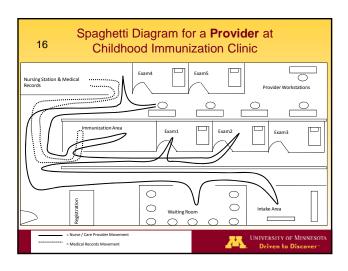


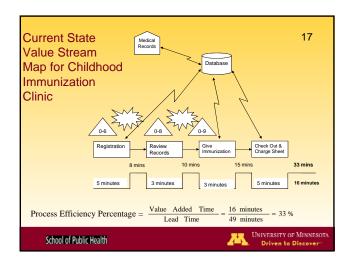




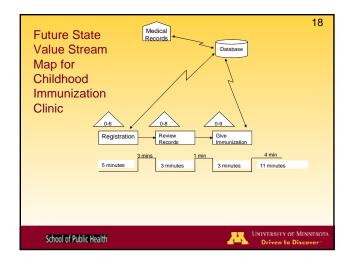




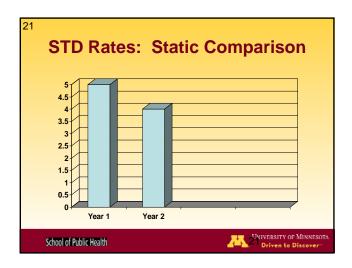


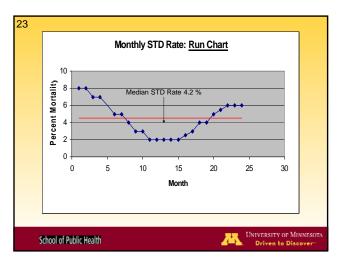


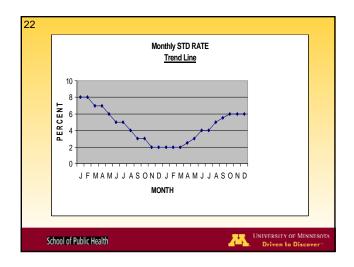


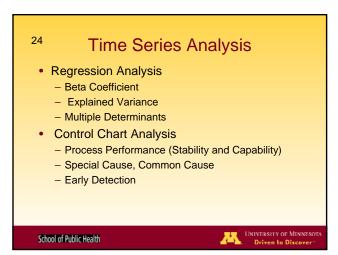


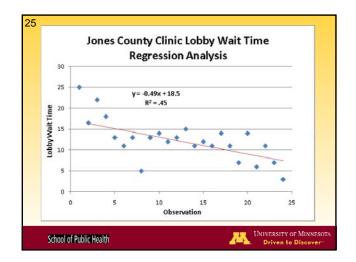


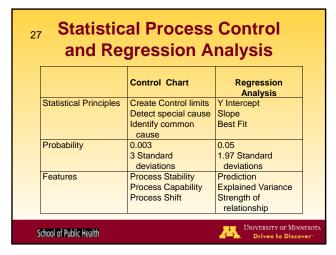


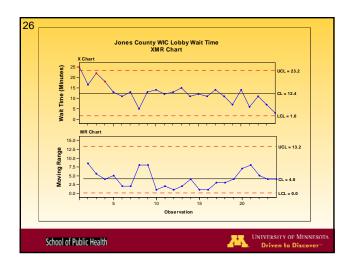




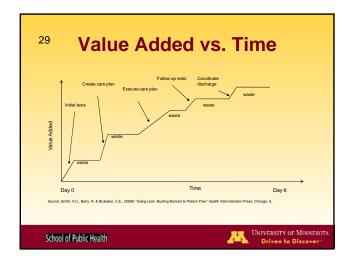


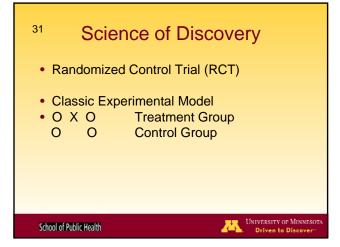


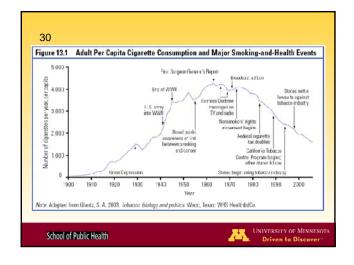












Science of Improvement Most public health (and health care) interventions occur in complex, multicomponent settings Improvement is a process of social change (Berwick, "Science of Improvement," JAMA, 2008) CMO Model Context + Methods = Outcome (Paulsen & Tilley, Realistic Evaluation, 1997)

What is Transformational Change?

- A shift in the way work is viewed and the approaches to improve performance.
- Combine Big QI and small qi to create a new way of looking at the PH process to transform the way value is delivered to the community and client.
- Professional Knowledge and Process Knowledge

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1. Conduct assessment activities focused on population health status and health issues facing the community 2. Investigate health problems and environmental public health hazards to protect the community 3. Inform and educate about public health issues and functions 4. Engage with the community to identify and solve health policies 5. Develop public health policies and plans 6. Enforce public health laws and regulations 7. Promote strategies to improve access to healthcare services 8. Maintain a competent public health workforce 9. Evaluate and continuously improve processes, programs, and interventions 10. Contribute to and apply the evidence base of public health 11. Administrative Capacity & Governance

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The goal of a voluntary national accreditation program is to improve and protect the health of the public by advancing the quality and performance of state and local public health departments. 60% of population served by an accredited health department by 2015 Exploring Accreditation Final Report, p. 4

