Health System Transformation and Public Health

John Auerbach
Office of the Associate Director for Policy
CDC Strategic Directions

Improve health security at home and around the world

Better prevent the leading causes of illness, injury, disability, and death

Strengthen public health/health care collaboration
Reductions Across the Board in 2014

*2014 BRFSS data are preliminary; Statistically significant difference from 2013 for each group.
Many States Increased By More Than 5% (2013 to 2014)

More Than 20% of States Show Increase in Usual Healthcare Provider (2013 to 2014)

State Participation in State Innovation Models

State Innovation Model Participants

Effective 3/15

Test States
Design States
States with Active AF4Q Alliances

American Samoa, Northern Mariana Islands, Puerto Rico
State Participation in DSRIP Programs

States with Established DSRIP Programs
Effective 12/14

[Map showing states with established DSRIP programs]
Percentage of LHDs with Budget Decreases in 2009 Compared to Previous Year (NACCHO)
What Does This Mean for Public Health?

What are our priorities & core; how should our funding and work evolve?
3 buckets

#1 - Traditional Clinical Approaches

Focused on Preventive care
## Indicators – The Clinical Components

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong>spirin</td>
<td>People at increased risk of cardiovascular events who are taking aspirin</td>
<td>47%</td>
</tr>
<tr>
<td><strong>B</strong>lood pressure</td>
<td>People with hypertension who have adequately controlled blood pressure</td>
<td>46%</td>
</tr>
<tr>
<td><strong>C</strong>holesterol</td>
<td>People with high cholesterol who are effectively managed</td>
<td>33%</td>
</tr>
<tr>
<td><strong>S</strong>moking</td>
<td>People trying to quit smoking who get help</td>
<td>23%</td>
</tr>
</tbody>
</table>

*MMWR. 2011;60:1248-51*
72 M adults have hypertension
But many not aware/treated & half have it controlled

Examples of Initiatives to Increase Utilization of Preventive Services

- Screen for Life
  - Let my heartbeat be your wake-up call.
  - Get screened for colorectal cancer.
  - www.cdc.gov/screenforlife

- Don't tell people smoking is bad, show them.
  - You can quit. Call 1-800-QUIT NOW

- High blood pressure & cholesterol
  - Fewer than half of adults with high blood pressure and less than a third of adults with high cholesterol have it under control.
  - www.cdc.gov

- How effective are these types of birth control?
  - Long-acting reversible contraception (LARC)
  - Progestin-only pill (POPs)
  - Male condoms

- Vital signs
  - www.cdc.gov/vitalsigns/LARC

- How to use LARC
  - Insertion
  - Removal
  - Side effects

- How to use POPs
  - Insertion
  - Side effects

- How to use condoms
  - Insertion
  - Side effects
Development of 6/18 Project

- Focus on 6 high cost, high prevalence conditions
- Review of CIO evidence-based clinical interventions
- 18 Interventions identified
Examples of Traditional Clinical Proposals in 6/18 Initiative

• Prescribing of medications for hypertension, tobacco use & asthma but without cost-sharing

• Increasing access to contraceptive services by debundling LARC & eliminating pre-approval

• Provide earlier reimbursement by Medicare for fistula placement for new maintenance hemodialysis
3 buckets

#2 - Innovative Patient-Centered Care

Focused on Preventive care
To Address Asthma: Healthy Home Risk Reduction

- Home visit by CHWs to:
  - Provide additional education and encouragement
  - Assess risk factors in the home
  - Assist in removing risk factors
To Address Hypertension
Team Approach & At Home Monitoring

• Team approach: Clinical agreements with pharmacists to monitor blood pressure

• Home-based approach: Blood pressure monitoring home devices; f/u care
3 buckets

#3. Community-Wide Health

Focused on Preventive care
Factors that affect health

Socioeconomic factors

Changing the context
To make individuals’ default decisions healthier

Long-lasting protective interventions

Clinical interventions

Counseling & education

Examples

- Eat healthy, be physically active
- Medication for high blood pressure, high cholesterol, diabetes
- Immunizations, brief intervention, cessation treatment, colonoscopy
- Fluoridation, 0g trans fat, iodization, smoke-free laws
- Poverty, education, housing, inequality

Eat healthy, be physically active
Medication for high blood pressure, high cholesterol, diabetes
Immunizations, brief intervention, cessation treatment, colonoscopy
Fluoridation, 0g trans fat, iodization, smoke-free laws
Poverty, education, housing, inequality
For Asthma Reduction
Focus on Community Factors

- Consider housing code and violations systemically
- Examine other ways to reduce indoor & outdoor pollution
- Assist in widespread integrated pest management
- Adopt policies that reduce smoking
- Support accessible site for physical activity
Approaches That Address the Community Conditions

- Oregon AHCs
- CDC’s Partnerships to Improve Community Health (PICH)
- BUILD’s grant to community efforts
- RWJF’s Culture of Health approach

Example of Activities funded by a CDC grant:
Boston Public Health Commission
Implement citywide and population-specific strategies to improve the built environment to provide more opportunities for walking and biking safely.
Hospitals Have Key Role: Community-wide Health Improvement

Invest in Your Community

www.cdc.gov/chinav
All Three Can Be Effective Together
Public Health Worked In Sync with Clinical Care

- Traditional Clinical Approaches
- Innovative Patient-Centered Care
- Community-Wide Health
Examples of CDC Work at the Community-Wide Level

- Funded Programs
  - Community Transformation Grants
  - Partnerships to Improve Community Health
  - Prevention Block grant
  - Cross categorical approaches
Strategic Vision

Bridging the PH and clinical sectors:

- Multi-sector efforts
- Foundational capabilities
- Chief health strategist