



*Georgia Department of Public Health*

# Health System Transformation & Health System Interventions

**Presentation to Chronic Disease University  
Shana Scott, JD, MPH, Health Systems Team Lead  
Wednesday, June 14, 2017**



*We Protect Lives.*

# Disclosures

Shana M. Scott, JD, MPH

Has no financial interests or relationships to disclose.

# What we'll cover today...

1. Establish foundational understanding of health systems and health system transformation.
2. Define the current state in order to determine drivers of care.
3. Understanding health system interventions and recommendations.
4. Identify opportunities for public health to partner with private health systems.

# Important Distinctions

- Health vs. Health Care
- Health System
  - Private vs. Public
- Health System Transformation
  - Vs. Health System Change?
- Health System Intervention
- Health Insurance

# Current State

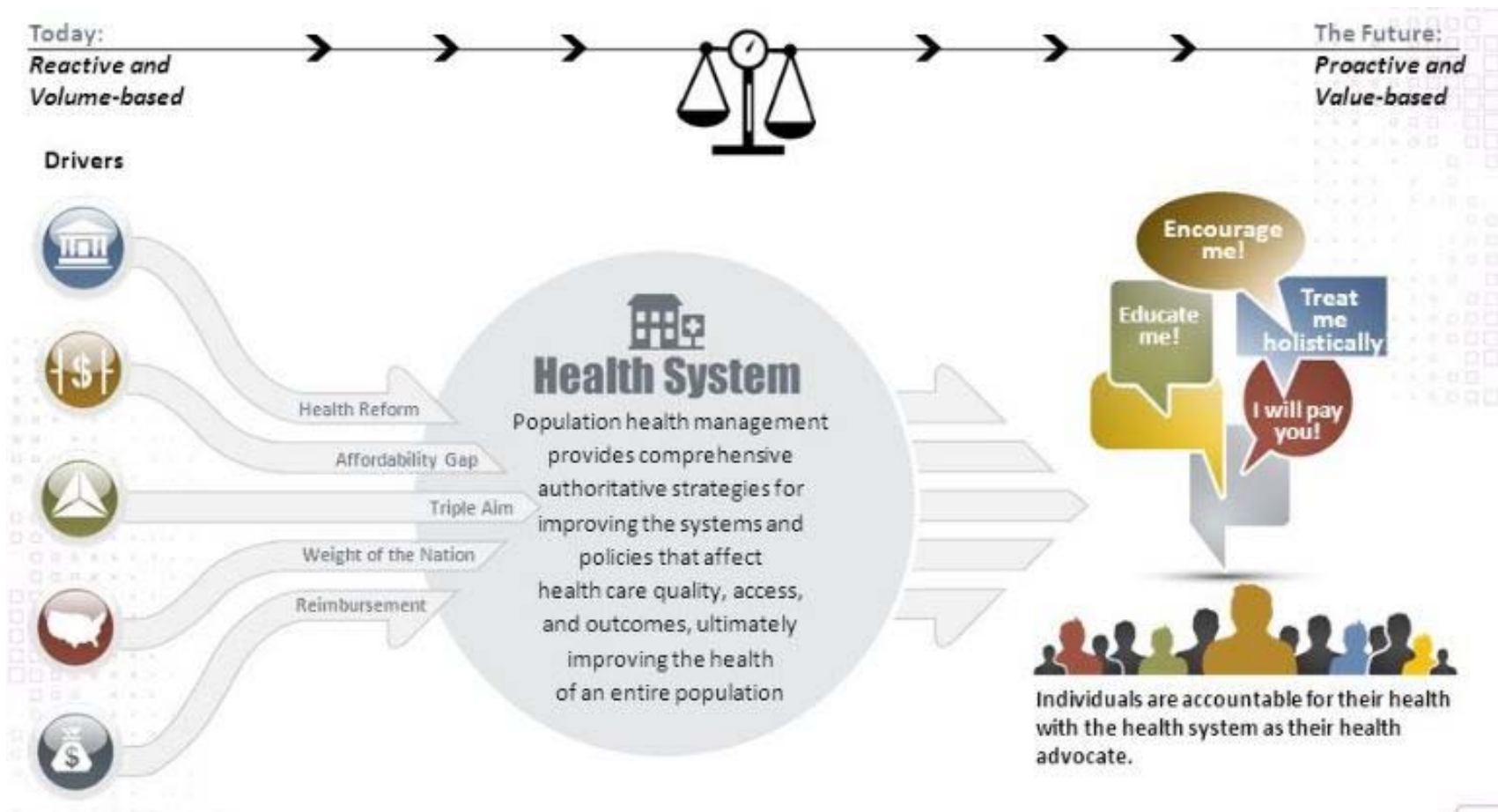
## **Problem:**

We have pervasive, long-standing, "chronic illness": fragment care

## **Solution:**

Create systems of integrated care

# Drivers of Health System Transformation



*We Protect Lives.*

# Achieving Success

## *Making the “Triple Aim” Possible*

### Engaged Communities

- Proactive care processes
- Identified patients
- Focused on wellness
- Community resource navigator



### Engaged Patients

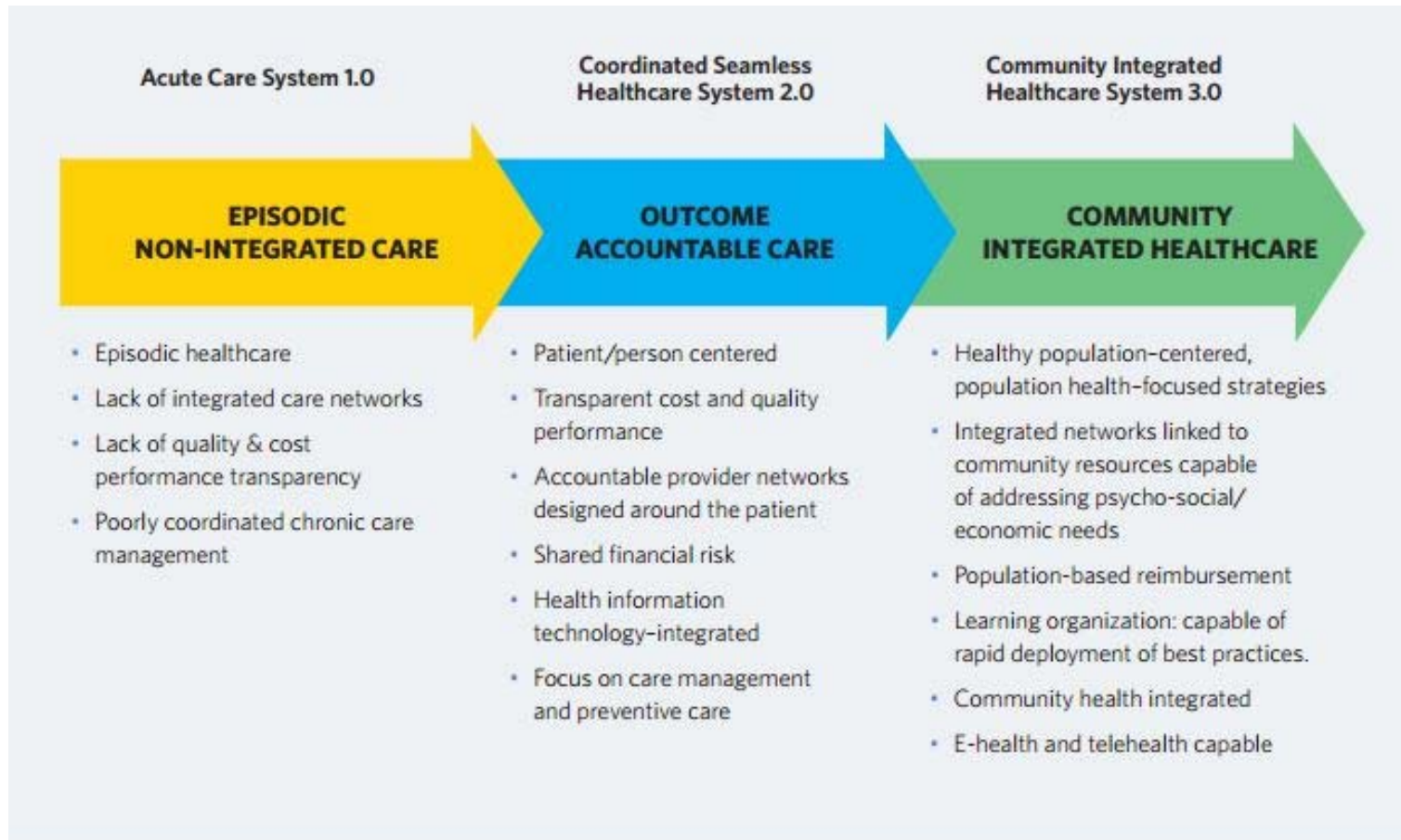
- Identified and incorporated patient goals
- Focused on continuity and coordination
- Facilitated communication channels
- Improved access to care

### Identified Opportunities to Reduce Waste

- 4 Rights
- Duplication avoided
- Improved coordination/transitions
- Used automation to reduce resource needs
- Improved screening and prevention
- Aligned incentives to drive value

*We Protect Lives.*

# U.S. Healthcare Delivery System Evolution



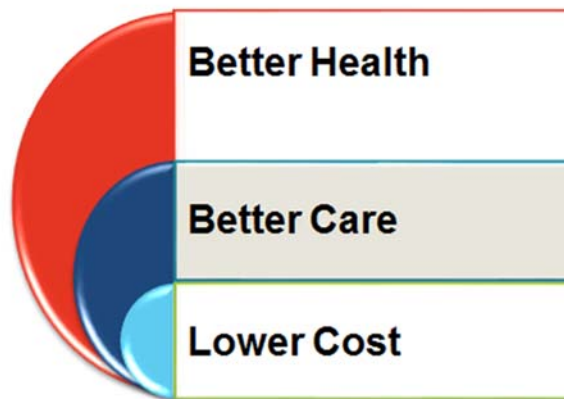
Halton N, Long P, Chang DI, Hester J, Inkelas M, Rodgers A. Applying a 3.0 transformation framework to guide large-scale health system reform. *Health Affairs* 2014;31(11). doi: 10.1377/hlthaff.2014.0485.

*We Protect Lives.*



# Changing the Business Model of Healthcare

## Aims



## Objectives

- Healthcare system transformation
- Payment reform
- Population health improvement

# New Models of Care Delivery

- Alphabet Soup
  - PCMH
  - ACO
  - EHR



# Health System Strengthening Interventions

- Definition
  - systems-based approaches to improving population, community, and individual health by incorporating and addressing the determinants of health and increasing the efficiency and effectiveness of health care.
- Examples

# Opportunities for Public Health to Support Health System Transformation

- USPSTF Recommendations
- The interface of public health departments and ACOs
- Community integration structures
  - Innovations in financing
- Quality Improvement
- CDC Policy Examples
  - The 6|18 Initiative
  - Health Impact in 5 Years (HI 5)

# USPSTF Recommendations

- Evidence-based Interventions
  - DPP
  - DSME
  - Provider Reminders & Client Reminders
- Integration of Clinical and Community-Based Strategies
  - **Community-clinical linkages** are **defined** as connections between **community** and **clinical** sectors to improve population health.



# Public Health Departments and ACOs

- Defining ACO
- Opportunities for ACOs
  - Linked to Essential Public Health Services



# Community integration structures

- What is it?
- Financing Approaches

# Quality Improvement Interventions in Public Health Systems

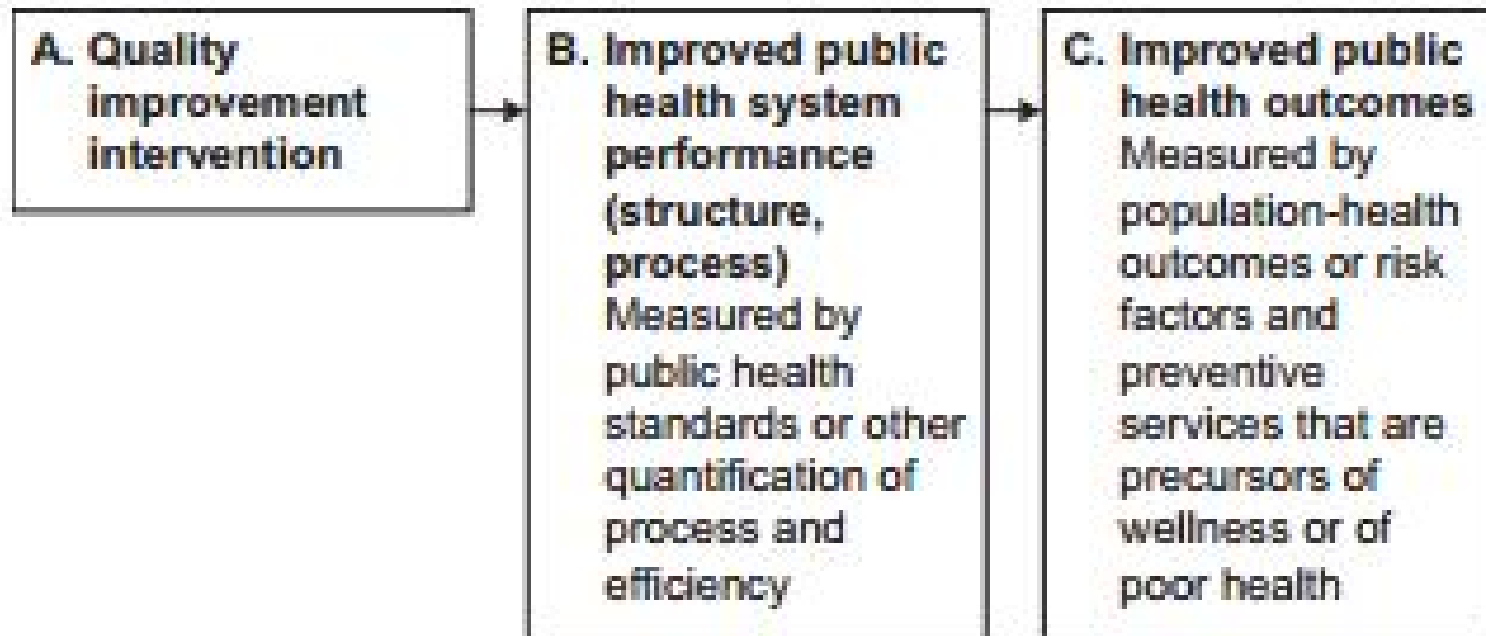


Figure 1. Theoretic model for public health quality improvement initiatives



# Examples from CDC

- The 6|18 Initiative
- Health Impact in 5 Years (HI 5)

# The 6|18 Initiative

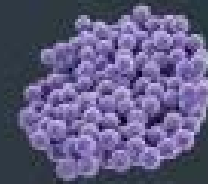
**SIX WAYS** TO SPEND SMARTER  
FOR **HEALTHIER PEOPLE**



REDUCE  
TOBACCO USE



CONTROL  
BLOOD PRESSURE



PREVENT HEALTHCARE-  
ASSOCIATED INFECTIONS (HAI)



CONTROL ASTHMA



PREVENT UNINTENDED  
PREGNANCY



CONTROL AND  
PREVENT DIABETES



*We Protect Lives.*

# HI-5

- School-Based Programs to Increase Physical Activity
- School-Based Violence Prevention
- Safe Routes to School
- Motorcycle Injury Prevention
- Tobacco Control Interventions
- Access to Clean Syringes
- Pricing Strategies for Alcohol Products
- Multi-Component Worksite Obesity Prevention

Counseling and Education

Clinical Interventions

Long Lasting Protective Interventions



## Changing the Context

Making the healthy choice the easy choice

- Early Childhood Education
- Clean Diesel Bus Fleets
- Public Transportation System
- Home Improvement Loans and Grants
- Earned Income Tax Credits
- Water Fluoridation



## Social Determinants of Health

# HI-5



*We Protect Lives.*

# What about Health Equity?

- Examples of issues advocates are currently working on to advance health equity include:
  - Network adequacy
  - Data collection
  - Language access standards for providers and/or health plans
  - Cultural competence standards for providers and/or health plans
  - Non-discrimination provisions
  - Requiring diverse consumer advisory boards for health plans

# Examples from CDPS

- Team-based care for diabetes management
- Quitline Interventions
- Cancer Control
  - Client oriented intervention strategies
  - Provider oriented intervention strategies
- CATAPULT



**A Model for Diagnosis and Management  
of Chronic Diseases in Georgia Health Systems**

# So now what?

- Next steps in health system reform and transformation
  - Calendar Year (CY) 2017 final rule
  - The Medicare Access and CHIP Reauthorization Act (MACRA)
  - Transforming Clinical Practice Initiative (TCPI)
  - The American Health Care Act

**Innovation**

old universities  
wealth  
efficiency  
effectively  
hospitals  
described  
support  
including  
responsible  
Schumpeter  
place developments  
topic  
balance  
literature arts  
field  
effort  
improvements  
fundamental  
term  
increasing  
linked  
output  
economists  
called useful  
producer  
erode  
adds  
destroyed  
developing  
technology  
deconstructive  
leading  
pioneers  
practices  
different  
involve  
system  
sociology  
engineering  
e.g.  
plus  
design  
maintaining  
commercializing  
product  
often  
development  
radical  
product  
often  
design  
maintaining  
researching  
positioning  
government  
especially  
example  
thinking  
involves  
return  
particular  
Hence  
customer  
factors  
share  
costly  
policy  
must  
focus  
spur  
value  
market  
scholarly  
public  
larger  
substantially  
insignificant  
leads  
word  
increase  
negative  
incremental  
government  
process  
driver  
time  
local  
risk  
business  
organizational  
tend  
economy  
shareholder  
important  
word  
leads  
increases  
origination  
increase  
word  
leads  
increase  
negative  
incremental  
government  
processes  
summary  
customers  
followers  
etc.  
critical  
better  
clear  
makers  
invention  
customers  
followers  
etc.  
model  
satisfaction  
major  
Following  
make  
away  
model  
satisfaction  
major  
Following  
make  
away  
distinguish  
synonymous  
effect  
Since products  
Colloquially  
individuals  
critical  
clear  
Since products  
Colloquially  
individuals  
critical  
clear  
distinguish  
synonymous  
effect  
Since products  
Colloquially  
individuals  
critical  
clear

*We Protect Lives.*



# Resources on Health System Transformation

- **Health Information and Public Health**  
Resources on law and policy related to health information and public health
- **Medicaid Service Delivery: Federally Qualified Health Centers**  
Summarizes the role of Federally Qualified Health Centers in the delivery of healthcare services for the expanding Medicaid population
- **Tribal Epidemiology Centers Designated as Public Health Authorities**  
Provides an overview of tribal epidemiology centers and the recent amendment to the Indian Health Care Improvement Act (permanently reauthorized by the Affordable Care Act), which designated these centers as public health authorities. The issue brief further outlines the impact of this designation under HIPAA.
- **The Affordable Care Act & American Indian and Alaska Native Communities: Selected Readings and Resources**  
A list of readings and resources that describe the Affordable Care Act and the Indian Health Care Improvement Act's impact on American Indian and Alaska Native communities. The list includes summaries of the laws, scholarly articles, and resources on enrollment and exemptions.
- **Health Department Billing for Immunization Services: A Menu of Suggested Provisions**  
A menu of state law provisions that impact the health department's authority to bill third parties for services provided. The menu was created by CDC's Public Health Law Program in cooperation with the National Center for Immunization and Respiratory Diseases.

# Resources on Health System Transformation

- **CDC: Health System Transformation and Improvement Resources for Health Departments**
- **Accountable Care: Basic Principles and Related Law**  
Describes accountable care frameworks and the legal provisions that support them. These resources can help practitioners understand how accountable care might impact public health and engage with accountable care entities in their jurisdictions.
  - Legal Mechanisms Supporting Accountable Care Principles  
Provides the legal context for accountable care, the healthcare delivery mechanism through which providers, facilities, and public health professionals coordinate activities, avoid inefficiencies, and improve public health outcomes. Published in the *American Journal for Public Health* 2014;104(11):2048–51. This copy was reformatted to include full legal citations in the footnotes.

# Resources on Health System Transformation

- **Accountable Care: Basic Principles and Related Law**  
Describes accountable care frameworks and the legal provisions that support them. These resources can help practitioners understand how accountable care might impact public health and engage with accountable care entities in their jurisdictions.
  - Legal Mechanisms Supporting Accountable Care Principles  
Provides the legal context for accountable care, the healthcare delivery mechanism through which providers, facilities, and public health professionals coordinate activities, avoid inefficiencies, and improve public health outcomes. Published in the *American Journal for Public Health* 2014;104(11):2048–51. This copy was reformatted to include full legal citations in the footnotes.

# Questions



*We Protect Lives.*

# Please Complete the Evaluation!

<https://www.surveymonkey.com/r/3ZGHDLQ>