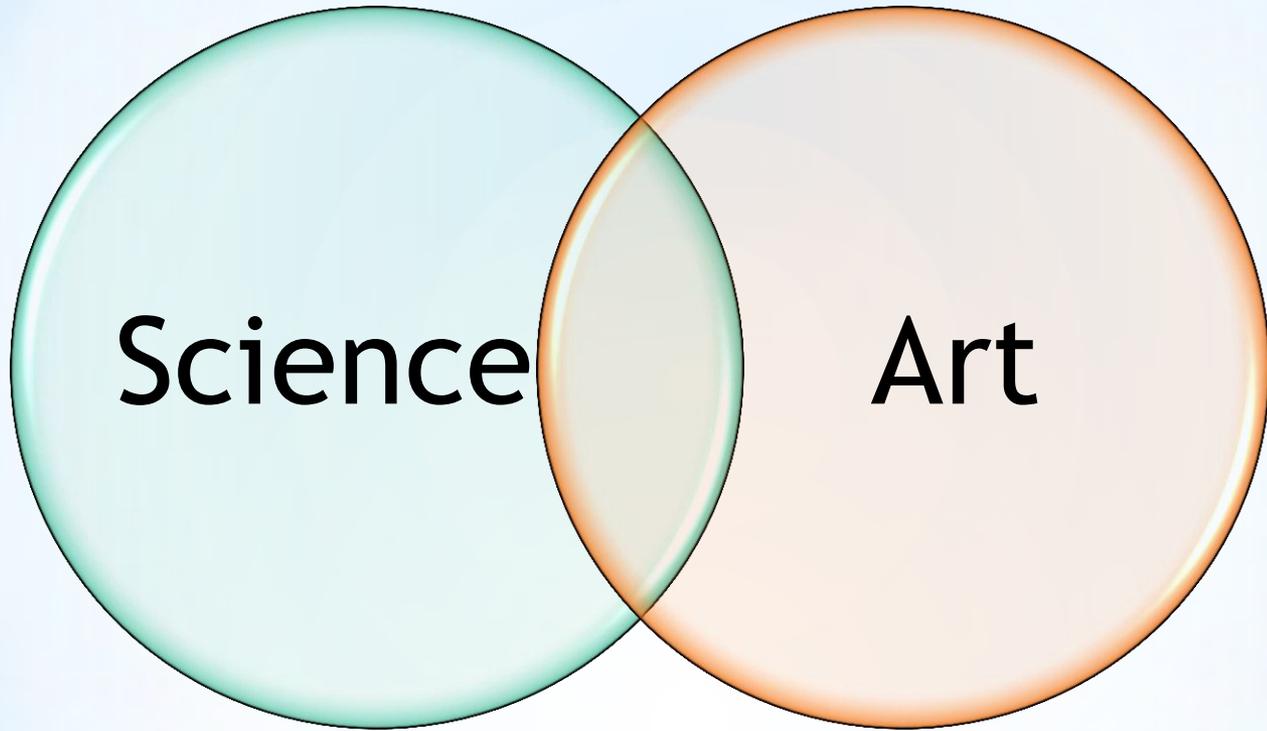




# \* Performance Measurement Systems

## Regional Population and Public Health Perspectives

Victoria Lee MD MPH MBA CCFP FRCPC  
Executive Medical Director and Medical Health Officer  
Population and Public Health Program  
Fraser Health Authority



\*Performance



What gets reported gets measured!

\*Key elements

# CORE FUNCTIONS FRAMEWORK

## Public Health Strategies

Health  
Promotion

Health  
Protection

Preventive  
Interventions

Health Assessment &  
Disease Surveillance

Measurable Objectives

Fundamental Concepts

Evidentiary Base of Best Practices

Indicators, Benchmarks and  
Performance Targets

h  
ry, clinical  
gy, health  
s, analysis  
nation

Core Programs

**Hea**  
Progra  
proble  
health  
enabli  
securit

**Dise**  
Progra  
injurie  
disease  
proble

**Env**  
Progra  
hazard  
(e.g. cl  
sanitat

**Hea**  
Progra  
prepar  
outbreaks of communicable disease, natural or human-induced disasters, major accidents, terrorism, etc.)

System Capacity

Health information systems and quality management capacity

# \* Challenges

21 Core  
Public Health  
Programs

• 2005

7 Public  
Health  
Service Areas

• 2011

Healthy  
Families BC/  
Key Results  
Areas

• 2012

BC Guiding  
Framework

• 2013

Preventative  
Health Plan?

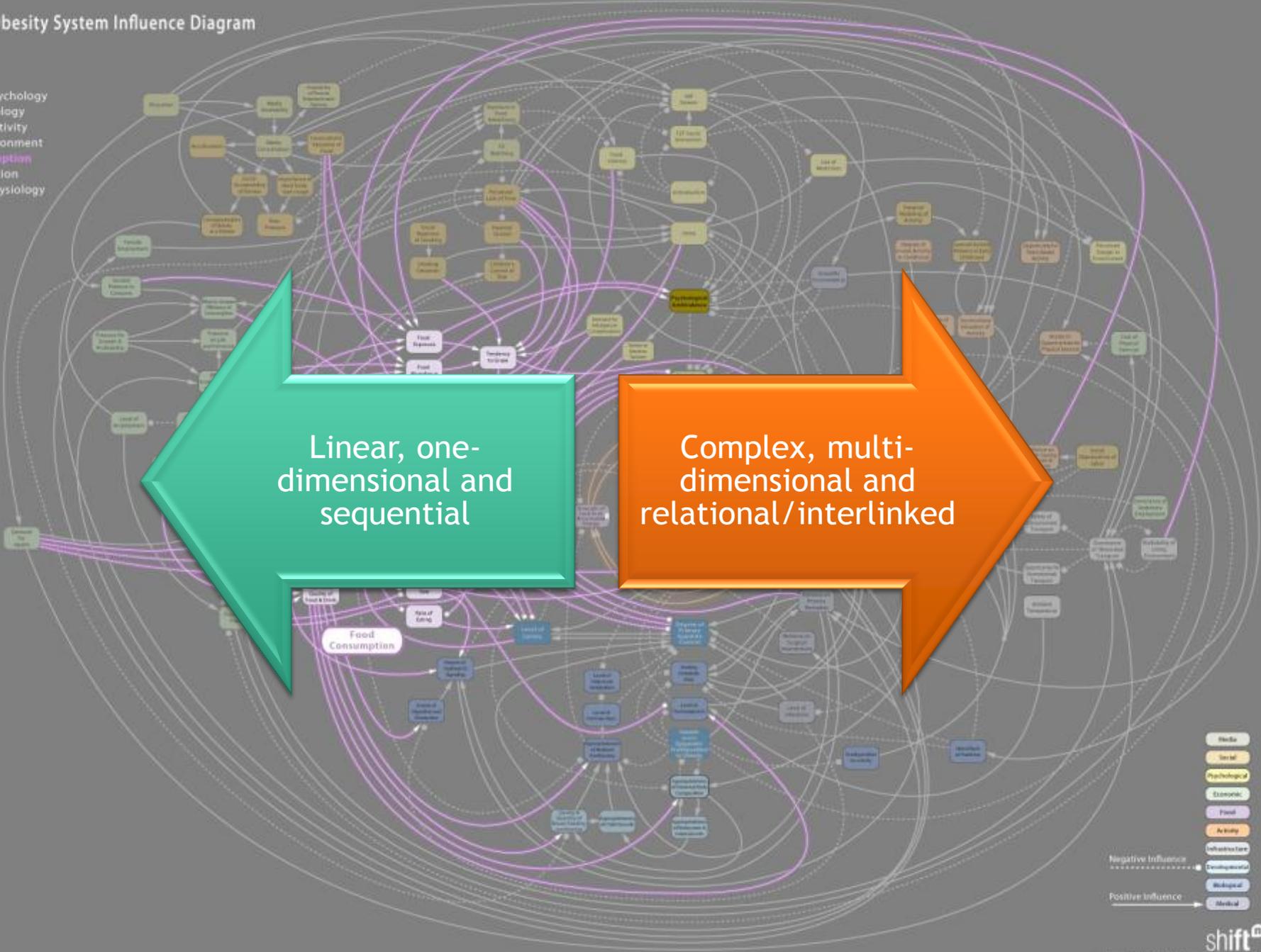
• 2014

Changing  
contexts and  
changing  
requirements



# shift<sup>o</sup> Obesity System Influence Diagram

- Full Map
- Clusters
- Core Loop
- Individual Psychology
- Social Psychology
- Individual Activity
- Activity Environment
- Food Consumption
- Food Production
- Individual Physiology
- Physiology



Linear, one-dimensional and sequential

Complex, multi-dimensional and relational/interlinked

Health  
Social  
Psychological  
Economic  
Food  
Activity  
Infrastructure  
Developmental  
Biological  
Medical

Negative Influence  
Positive Influence

# Quality Improvement

- \*Capacity
  - \*All levels and across key elements
- \*Availability and Access to Data
  - \*Linked data base
- \*Cultural shift
  - \*Embed into CQI
- \*Resources and flexibility

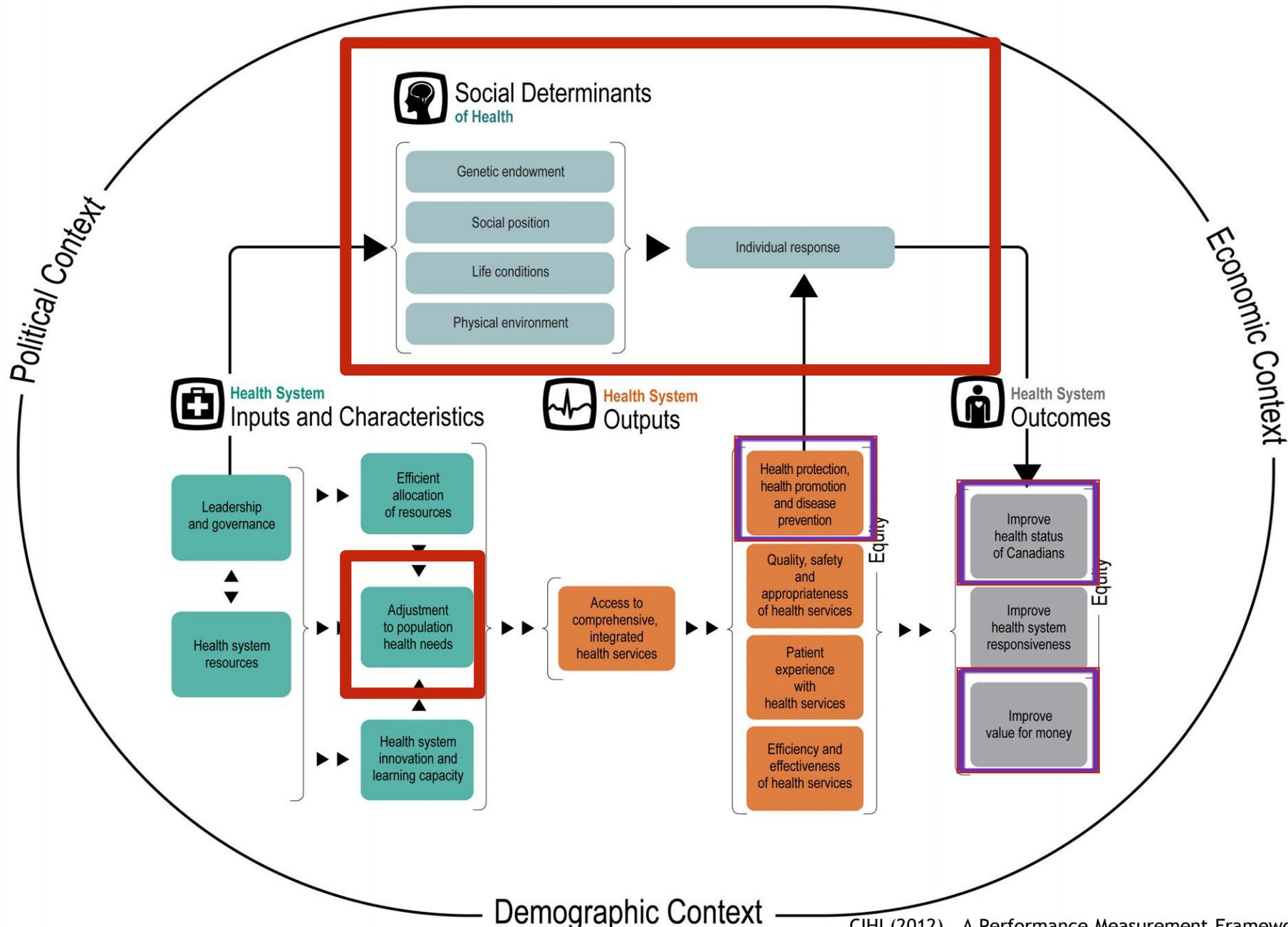


 **Opportunities**

## \* Assessment and Surveillance

- \* Diagnostic arm in Population and Public Health
- \* Provide population-based information for standards, performance measures and quality assurance





**Accountability  
for  
performance as  
an engagement  
strategy**

- Programmatic
- Organizational
- Health System
- Communities
- Funders

**Collaboration,  
Partnerships  
and  
Communication**

- Accelerated Integrated Primary and Community Care
- Attachment Initiative - GP4ME
- Clinical prevention
- Health equity indicators
- Healthier Community Partnerships



\*Thank you