

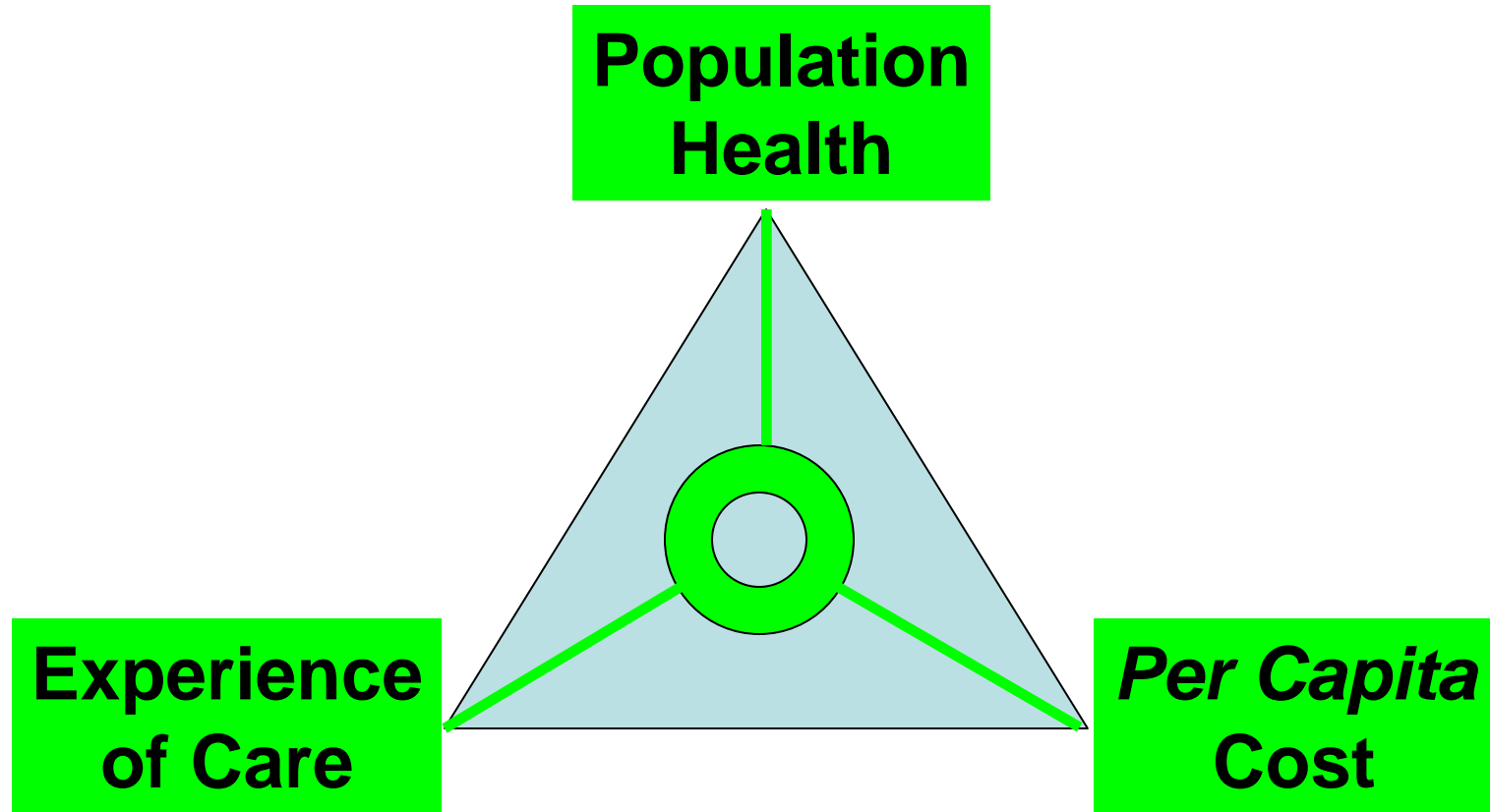


INSTITUTE FOR
HEALTHCARE
IMPROVEMENT

The Triple Aim:

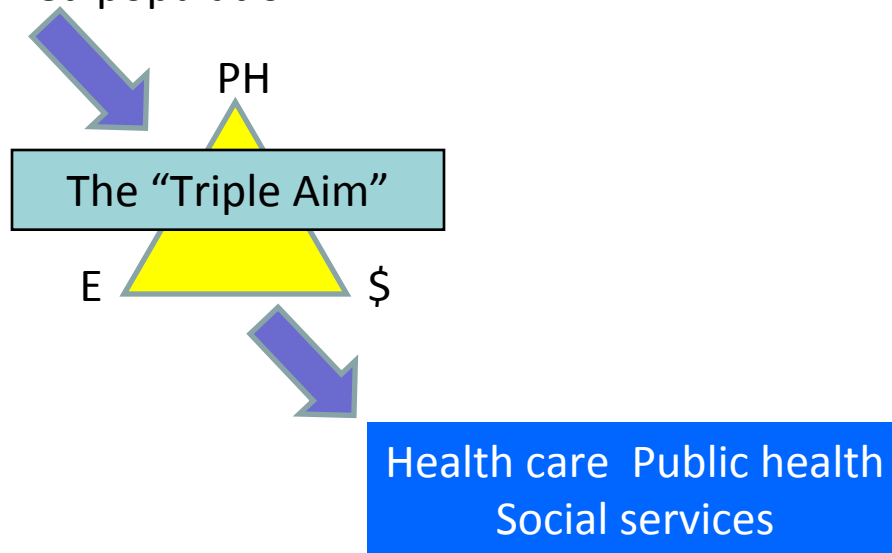
*The Simultaneous Pursuit of
Population Health,
Enhanced Individual Care, and
Controlled Costs for a Population*

Three Dimensions of Value



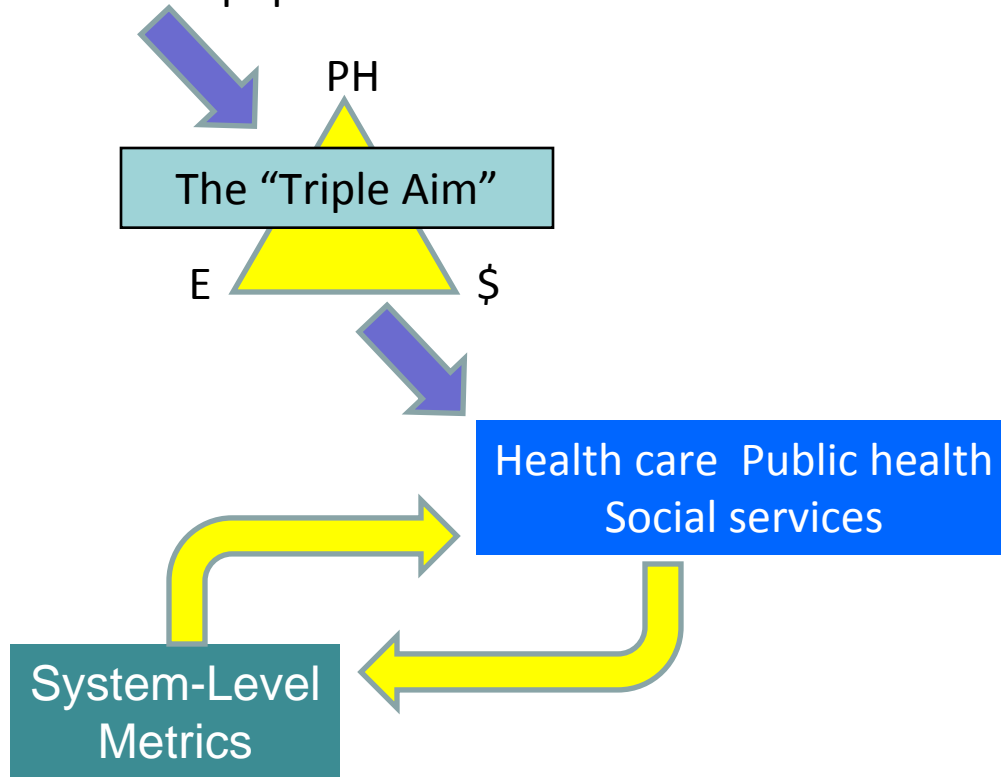
Design of a Triple Aim Enterprise

Define “Quality” from
the perspective of an individual member
of a defined population



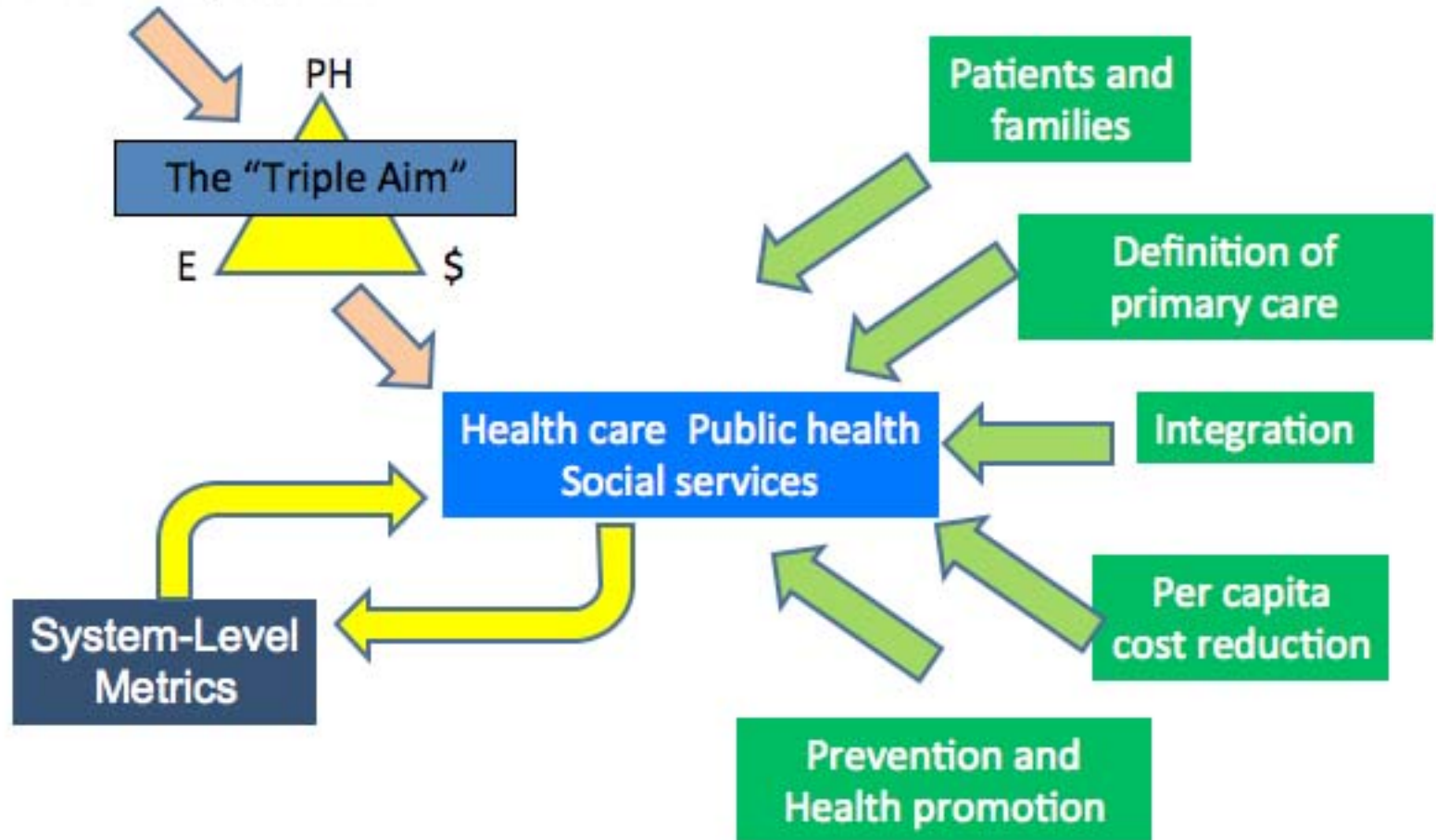
Design of a Triple Aim Enterprise

Define “Quality” from the perspective of an individual member of a defined population



Design of a Triple Aim Enterprise

Define "Quality" from the perspective of an individual member of a defined population



Potential Triple Aim Outcome Measures

Dimension	Measure
Population Health	1. Summary of disease burden or predictive model score; Hospital and ED utilization for ambulatory care sensitive conditions
	2. Composite Health Risk Appraisal (HRA) score; Single-question health status
	3. Multi-domain health status (e.g. SF-12, Health Utilities Index); Mortality (e.g. SMR, LE, YPLL)
	4. Health adjusted life expectancy (HALE) (life expectancy and self-rated health status)
Per Capita Cost	1. Costs in high volume/cost categories (e.g. Hospital and ED utilization costs)
	2. Cost per member of the population per month
Patient Experience	1. Standard questions from patient surveys, for example -CAHPS or How's Your Health global questions -NHS World Class Commissioning experience questions -Likelihood to recommend
	2. Set of measures based on the IOM Dimensions

Triple Aim Collaborative

Phase I: Concept design and projects

Phase II: Phase I *plus* detail design of components, for example primary care

Phase III: Phase II *plus* total triple aim design for a sub population

Phase IV: Phase III *plus* total triple aim design for a region or community

Proposal for Initial sub Populations

- Employed people < 65 years old
- People > =65 years old
- People with high social deprivation
- Children and families

Design Needs by sub Population

First Draft

Sub population	Primary care	Role of patients & families	Cost control	Prevention and health promotion	Integration Micro & Macro
Employed people <65			Cancer care	Connection with company wellness programs	
People >65	“Home is the hub”		End of life care		Multiple specialists
People with high social deprivation	Strong mental health component	Strengthen family support mechanisms			Integration w/ public health & social services
Children and families					Cooperation with schools

All cells are important for all sub populations. Blank means only minor differences in approach.

North American Triple Aim Prototyping Sites

- **Health Plans**

- Blue Cross Blue Shield of Michigan (MI)
- CareOregon (OR)
- Eastern Carolina Community Plan (NC)
- New York-Presbyterian System SelectHealth, LLC (NY)
- UPMC Health Plan (PA)
- Independent Health (NY)
- Wellmark (IA)

- **Integrated Health Systems**

- Group Health (WA)
- HealthPartners (MN)
- Kaiser Permanente, Colorado Region (CO)
- Kaiser Permanente, Mid-Atlantic Region (MD)
- Martin's Point Health Care (ME)
- Nassau Health Care Corporation (NY)
- Presbyterian Healthcare (NM)
- Southcentral Foundation and Alaska Native Medical Center (AK)
- Veterans Health System:
 - VISN 10—Cincinnati VAMC (OH)
 - VISN 20—Portland VAMC (OR)
 - VISN 23—Nebraska, Western Iowa VAMC (NE)

- **Hospital-Based Systems**

- Cape Fear Valley (NC)
- Bellin Health (WI)
- Cincinnati Children's Hospital Medical Center (OH)
- Genesys Health (MI) (Ascension)

- **Public Health Department**

- King County Department of Public Health (WA)
- Washington DC Department of Health (DC)

- **State Initiative**

- Vermont Blueprint for Health (VT)

- **Safety Net**

- Colorado Access (CO)
- Contra Costa Health Services (CA)
- North Colorado Health Alliance (CO)
- Primary Care Coalition Montgomery County (MD)
- Queens Health Network (NY)

- **Employers/Businesses**

- QuadGraphics/QuadMed (WI)

- **Canadian**

- Central East Local Health Integration Network
- British Columbia Team
- Saskatchewan Ministry of Health

- **Social Services**

- Common Ground (NY)



International Triple Aim Prototyping Sites

Jönköping (Sweden)

NHS Blackburn With Darwen PCT (England)

NHS Bolton PCT (England)

NHS East Lancashire Teaching PCT (England)

NHS Eastern and Coastal Kent PCT (England)

NHS Forth Valley (Scotland)

NHS Heywood, Middleton and Rochdale PCT (England)

NHS Herefordshire PCT (England)

NHS North Lancashire Teaching PCT (England)

NHS Oldham PCT (England)

NHS Salford PCT (England)

NHS Tayside (Scotland)

Western Health and Social Care Trust (Northern Ireland)