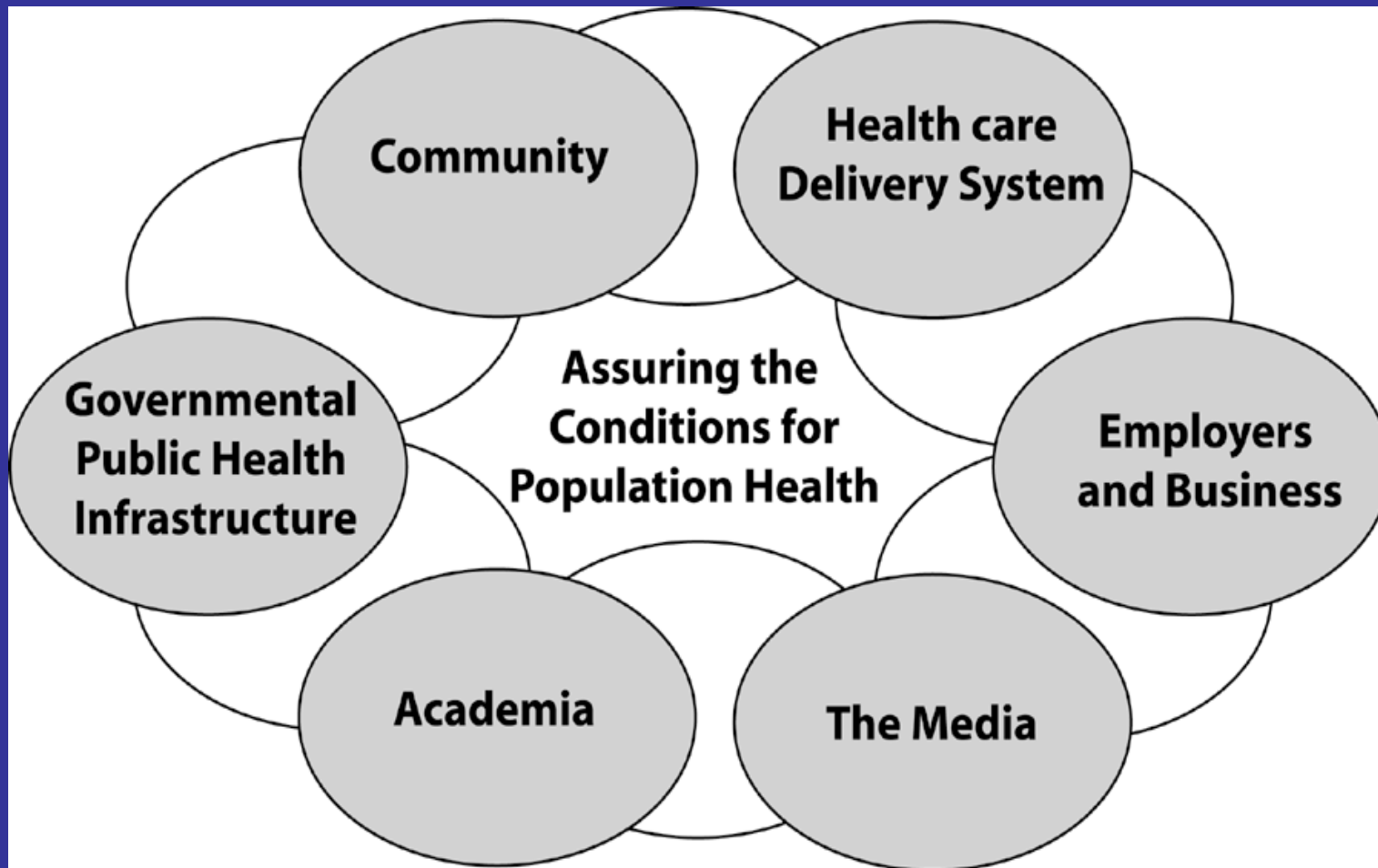

Workshop on Pediatric Health and Health Care Quality Measurement and Information Needs

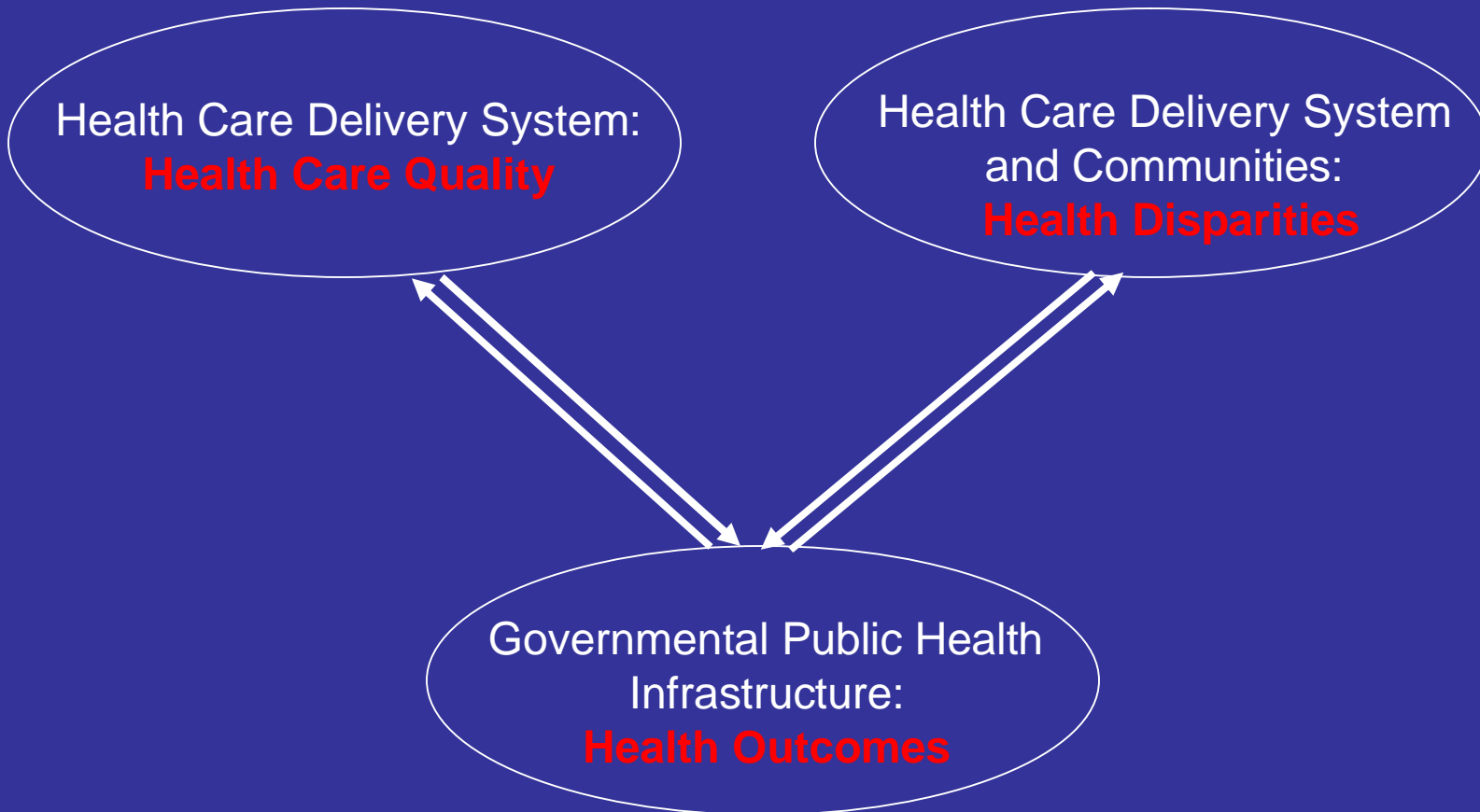
Donald F. Schwarz, MD, MPH
Deputy Mayor for Health and Opportunity
and Health Commissioner
City of Philadelphia

The public health system: government and some of its potential partners



SOURCE: The Future of the Public's Health (IOM, 2002)

Framework for Analysis



Measures of Public Health: Children Population Health

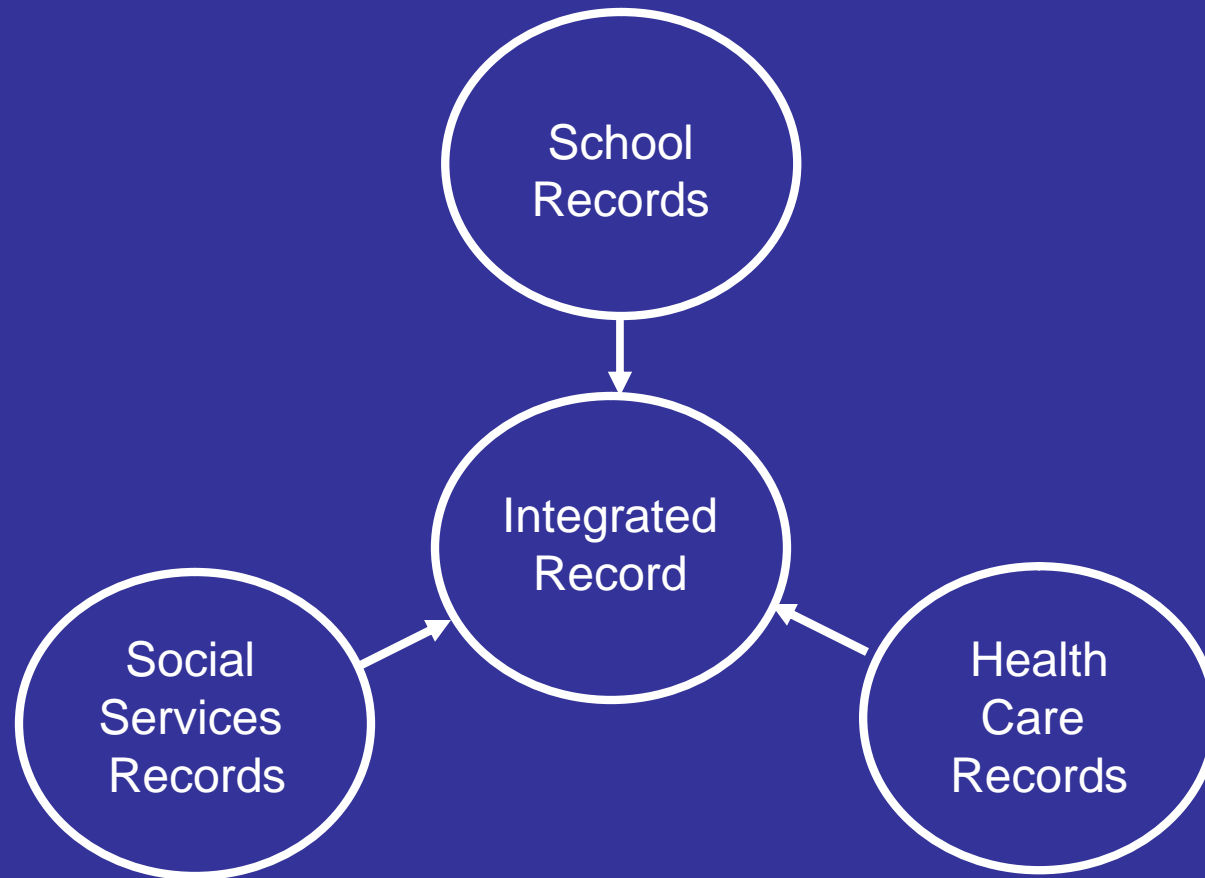
- Health care delivery system
 - Measures
 - Exposures (foods, toys, animals, medication)
 - Nutrition (anemia, BMI, maternal weight and weight gain)
 - Disability (vision/hearing, assistive devices, congenital issues),
 - Sleep issues
 - Adverse events
 - Index measures (blood pressure, menarchal age),
 - Disease prevalence (including injury/trauma)
 - Identified social service needs (including language access)
 - Disparities
 - Race/ethnicity/immigration status
 - Income/insurance
 - Family constellation (single parent)

Measures of Public Health: Children

Individual Child Measures

- Cross-system inputs and functional outcomes (TBD)
 - Ready to learn (Prev Chronic Dis 2007;4(4))
 - School success
 - Social service consumption
 - Remediable educational issues
- Barriers:
 - Privacy issues: HIPAA, FERPA, SSN
 - Technology issues: linkage

Movement from Personal to Public Health for Children's Health and Outcomes



CARES Database

- Cross-system database
 - § Human Services (dependency, delinquency, prevention services)
 - § Behavioral Health (Medicaid, case management, addiction)
 - § Homeless Services (children and adults)
 - § Public Health (immunization, lead, vital stats)
 - § Prison Services (adult and juvenile)
- Creates longitudinal record for each individual and family.
- Used for case management, systems oversight, and research.