

Health & Health Care Transformation Strategy

Build the Foundation

- Statewide Leadership
- Workforce
- Health Info Infrastructure

Design Policies to Enhance the Consumer's Role in Health & Health Care

Through

- Innovations in Patient-Centered Care
- Support for Healthy Lifestyles

Consumer's Role in Health

Innovative Patient-Centered Care and Healthy Lifestyles

ACCESS

VALUE

Statewide Leadership

Workforce

Health Information Infrastructure

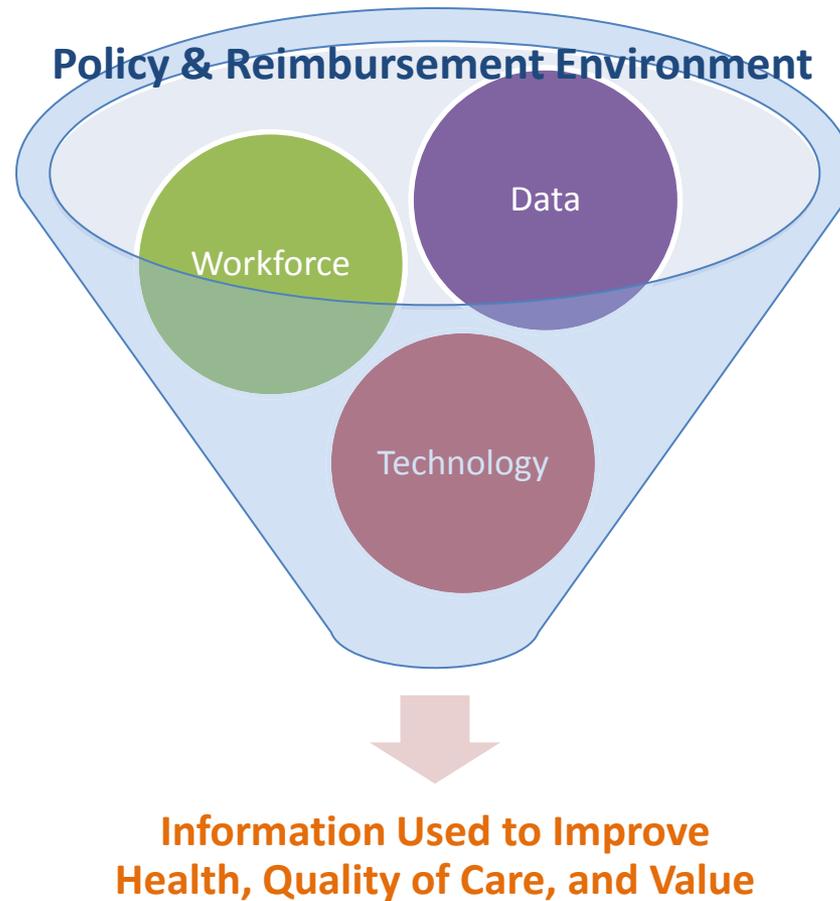
PREVENTION-BASED

Draft 6-20-11

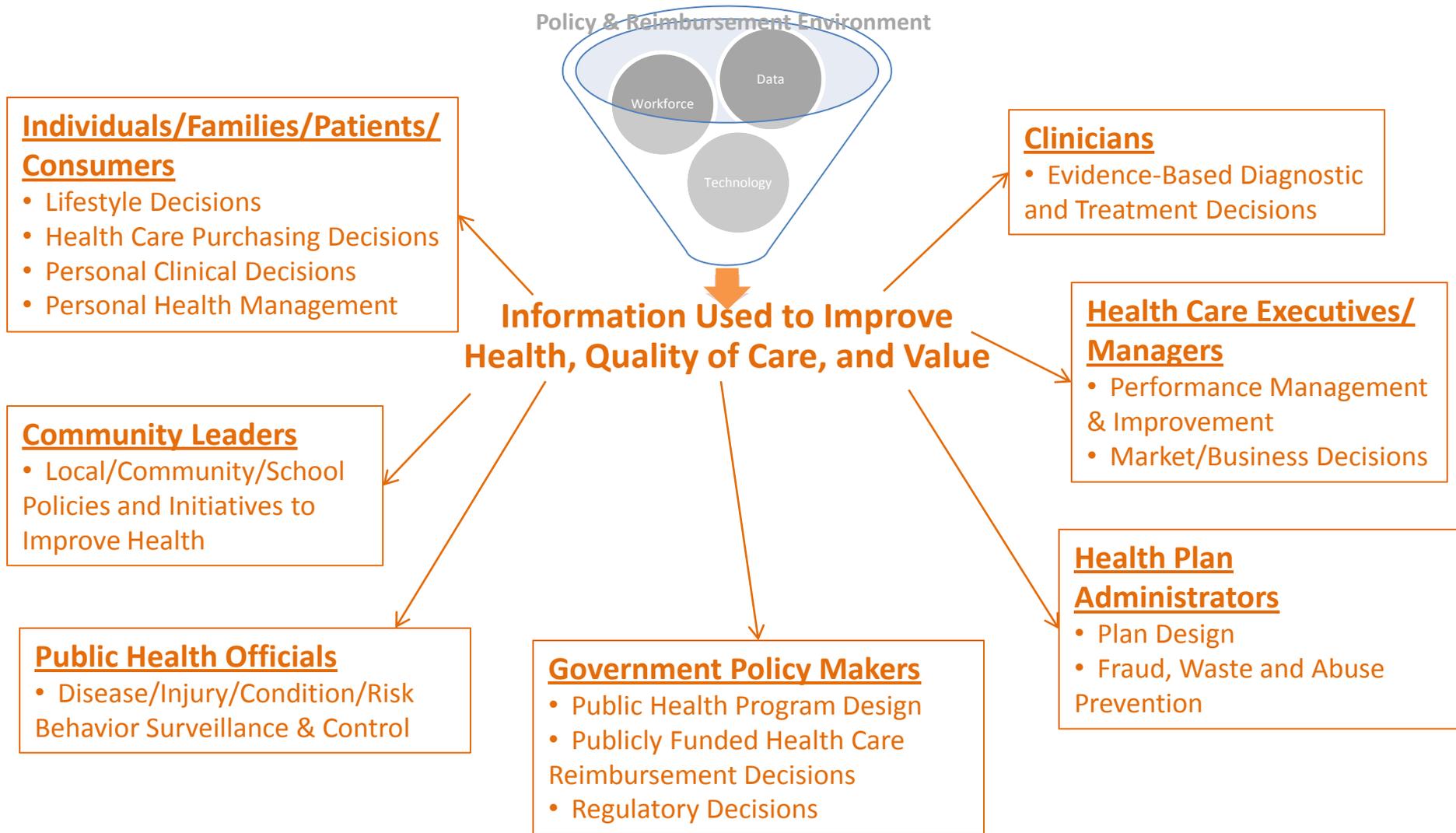
Foundation for Transformed System

- To Achieve Goals of*
- Increased **Value**
 - Decreased Cost
 - Increased Quality
 - Improved **Access**
 - Enhanced **Prevention**

Health Information Infrastructure



Health Information Uses



Alaska's Health-Related Data Sources

Claims & Clinical Data

- Medicaid Management Info System
- Hospital Discharge Database
- Resource Patient Mgmt System (PHN and AHS EHR)
- AK AIMS (Behavioral Health EHR)
- Medtech (API EHR)
- WCFH Specialty Clinic Records
- Breast/Cervical Health Check Program Data

Population & Other Data

- Vital Statistics
- WIC Client Surveys
- Eligibility Information System
- DS3 (Senior & Disability Svcs)
- Integrated Childcare Info System
- Health care professions licensure data
- Other Data maintained by DOT/PF, DEED, DCC&ED, DOL&WD

Policy & Reimbursement Environment

Workforce

Data

Technology

Information Used to Improve Health, Quality of Care, and Value

Draft 6-20-11

Public Health Surveillance Data

- Infectious Disease Reports (AKSTARS)
- Laboratory Test Results (LIMS)
- Trauma Registry
- EMS Pre-hospital Case Reports
- Immunization Registry
- Cancer Registry
- Birth Defects Registry
- Newborn Hearing & Metabolic Disorders Rpts
- Violent Death Reporting System
- Behavioral Risk Factor Surveillance System
- Youth Risk Behavior Survey
- Pregnancy Risk Assessment Monitoring System
- Childhood Understanding Behaviors Survey

Gaps/Weaknesses?

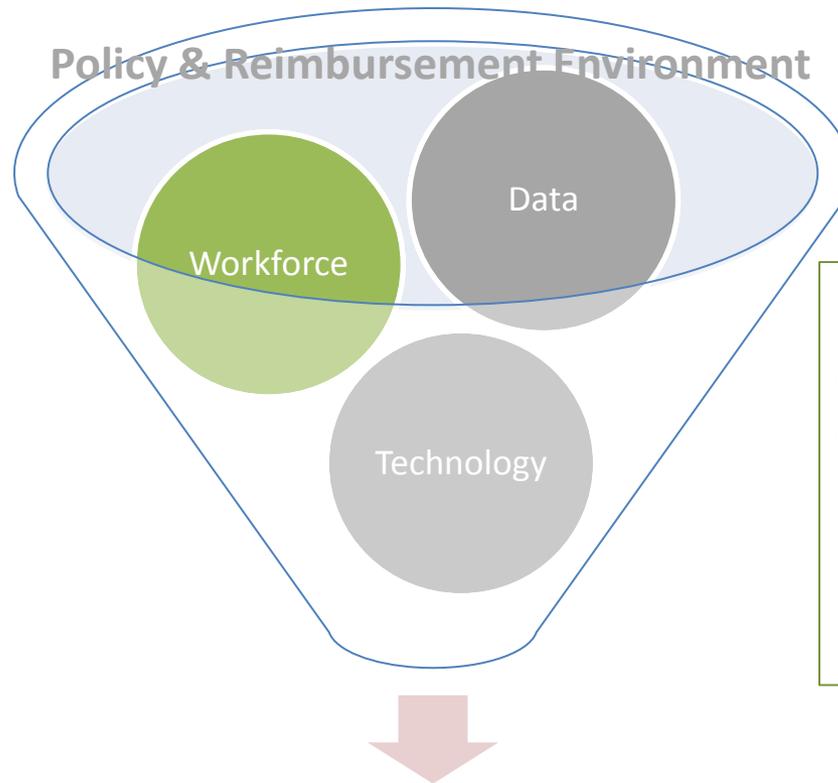
- All-Payer Claims Data
- Clinical Quality Data
- Hospital Discharge Data (complete)
- YRBS (frequency/completeness)
- Healthcare Acquired Infections/Conditions Data
- Alaska Trauma Registry Sustainability
- Syndromic Surveillance Data
- Assisted Living Facility Data
- Health Workforce Data

Health Information Workforce

Training & Education

Occupations Supporting use of Technology

- Computer Programmers
- Systems Analysts
- HIT Management Specialists
- HIT Technical Support Specialists



Employment Capacity

Occupations Supporting Data Collection & Analysis

- Research Analysts
- Epidemiologists
- Clinical Researchers
- Data Entry Techs/Clks

Information Used to Improve Health, Quality of Care, and Value

Health Information Technology

Health Information Exchange System

Electronic Health Record Systems

Policy & Reimbursement Environment

Workforce

Data

Technology

AK DHSS Data Analysis &/or Reporting/Sharing Systems

- STARS (Services, Tracking, Analysis, & Reporting System for MMIS Data)
- IBIS – PH
- Instant Atlas

Telecommunications Infrastructure

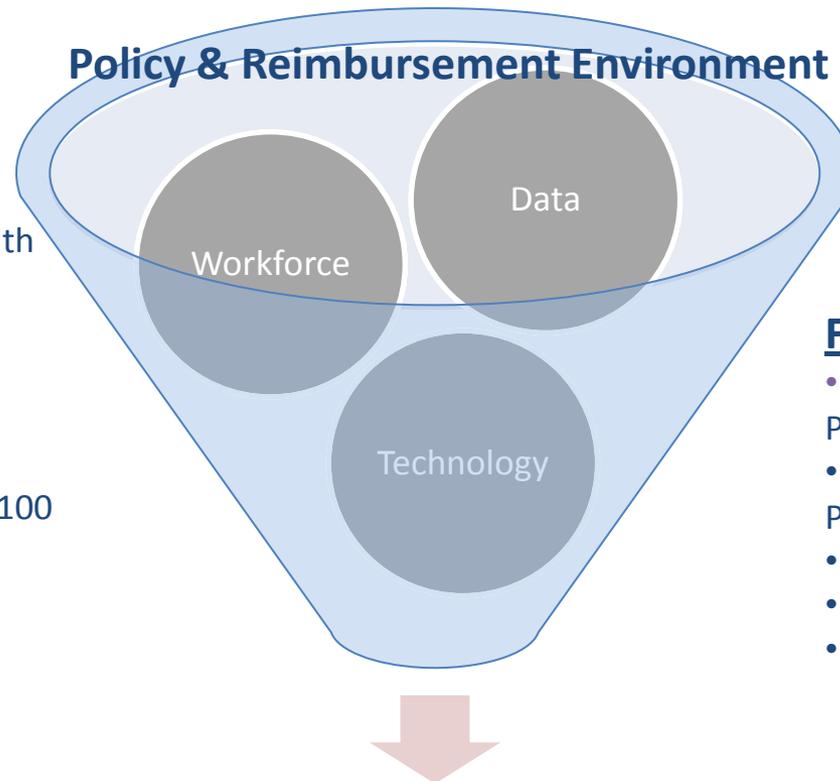
- Broadband capability/capacity

AK DHSS Databases

- MMIS
- EIS
- RPMS
- AK AIMS
- DS3
- ICIS
- EVRS
- VacTrAK
- LIMS
- AK Stars
- BRFS
- YRBS
- ACR
- ATR
- VDRS
- PRAMS
- CUBS
- BCHC
- OZ
- ORCA

Information Used to Improve Health, Quality of Care, and Value

Policy & Reimbursement Environment



Policies

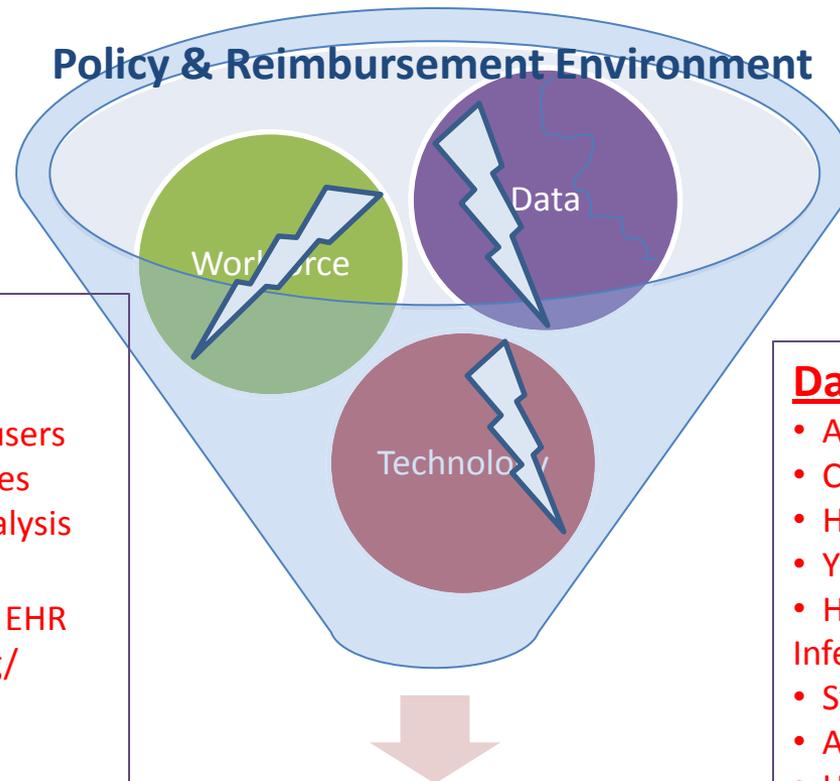
- Federal laws affecting health information:
 - HIPAA
 - HITECH/ARRA
 - FRPA
 - PPACA
- State EMR law: AS 18.23.100
- State HIE law: AS 18.23.300 (SB 133 2009)
- State public health information collection and disease reporting laws: AS 18.15.360-370
 - AS (YRBS)
 - etc...

Funding/Reimbursement

- Medicare EHR Incentive Program
- Medicaid EHR Incentive Program
- USDA Broadband Initiative
- UCC Universal Services Fund
- etc...

Information Used to Improve
Health, Quality of Care, and Value

Weaknesses in the Infrastructure



Policy & Reimbursement Environment

Workforce

Data

Technology

Information Used to Improve Health, Quality of Care, and Value

Technology Gaps (?)

- On-line community-based health information reporting system
- Broadband access in rural Alaska

Funding Barriers(?)

DHSS:

- Some programs need to charge users for data and/or for analytic services
- Insufficient support for data analysis

Providers:

- Cost of purchasing/maintaining EHR
- Time and disruption for training/implementation of EHRs
- Cost of participating in HIE???

Policy Barriers(?)

- HIPAA Interpretation
- FERPA Interpretation
- Other?

Data Gaps (?)

- All-Payer Claims Data
- Clinical Quality Data
- Hospital Discharge Data (complete)
- YRBS (frequency/completeness)
- Healthcare Acquired Infections/Conditions Data
- Syndromic Surveillance Data
- Assisted Living Facility Data
- Health Workforce Data

Strategies??? – Stay Tuned for August Discussions on Data & Transparency

Policy & Reimbursement Environment

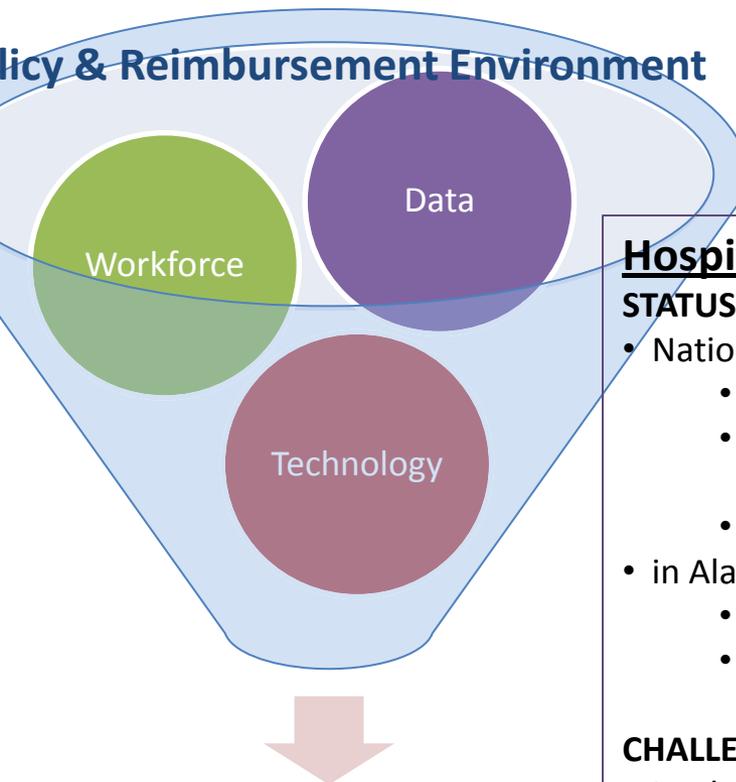
Information System for Local Access to Public Health Data

STATUS:

- Division of Public Health has allocated resources for phased development of:
 - IBIS-PH
 - Instant Atlas
- Go live date for first phase:
 - Dec 2011
 - BRFSS data

All-Payer Claims Database

- Do we need one to provide transparency of price information for the public? Or will the HIE provide the data?



Information Used to Improve Health, Quality of Care, and Value

Hospital Discharge Database

STATUS:

- Nationally:
 - 47 States have a HDD
 - 38 States have state laws requiring participation
 - 40 States participate in H-CUP
- in Alaska:
 - 11 hospitals reported in 2010
 - 16 did not (~25-30% of discharges)

CHALLENGES:

- Inadequate hospital participation
- Lack of stable financial support
- Insufficient analytical capacity
- HIPAA interpretation
- Other system barriers?