

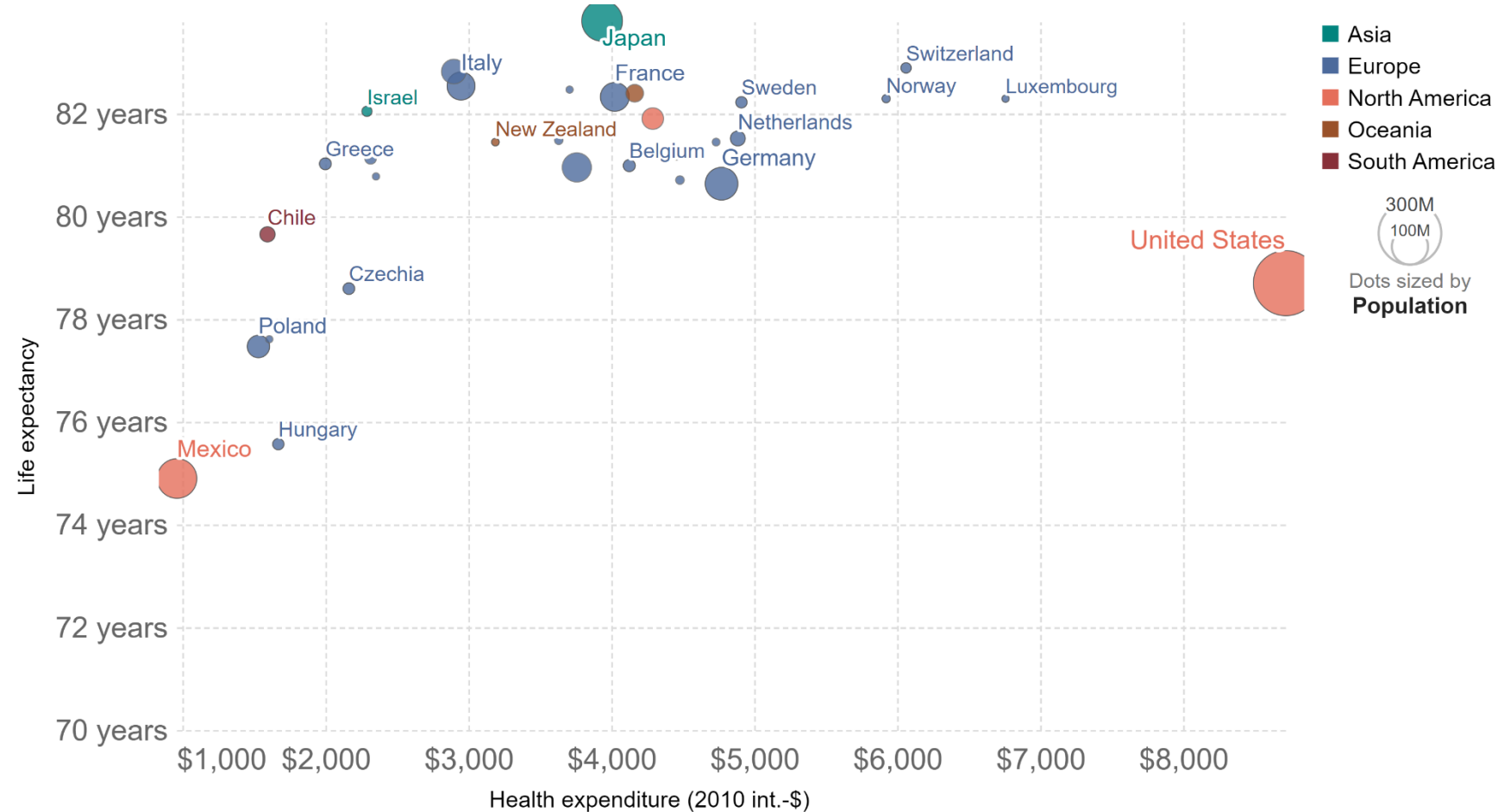
Public Health in Snohomish County



Life expectancy vs. health expenditure, 2015

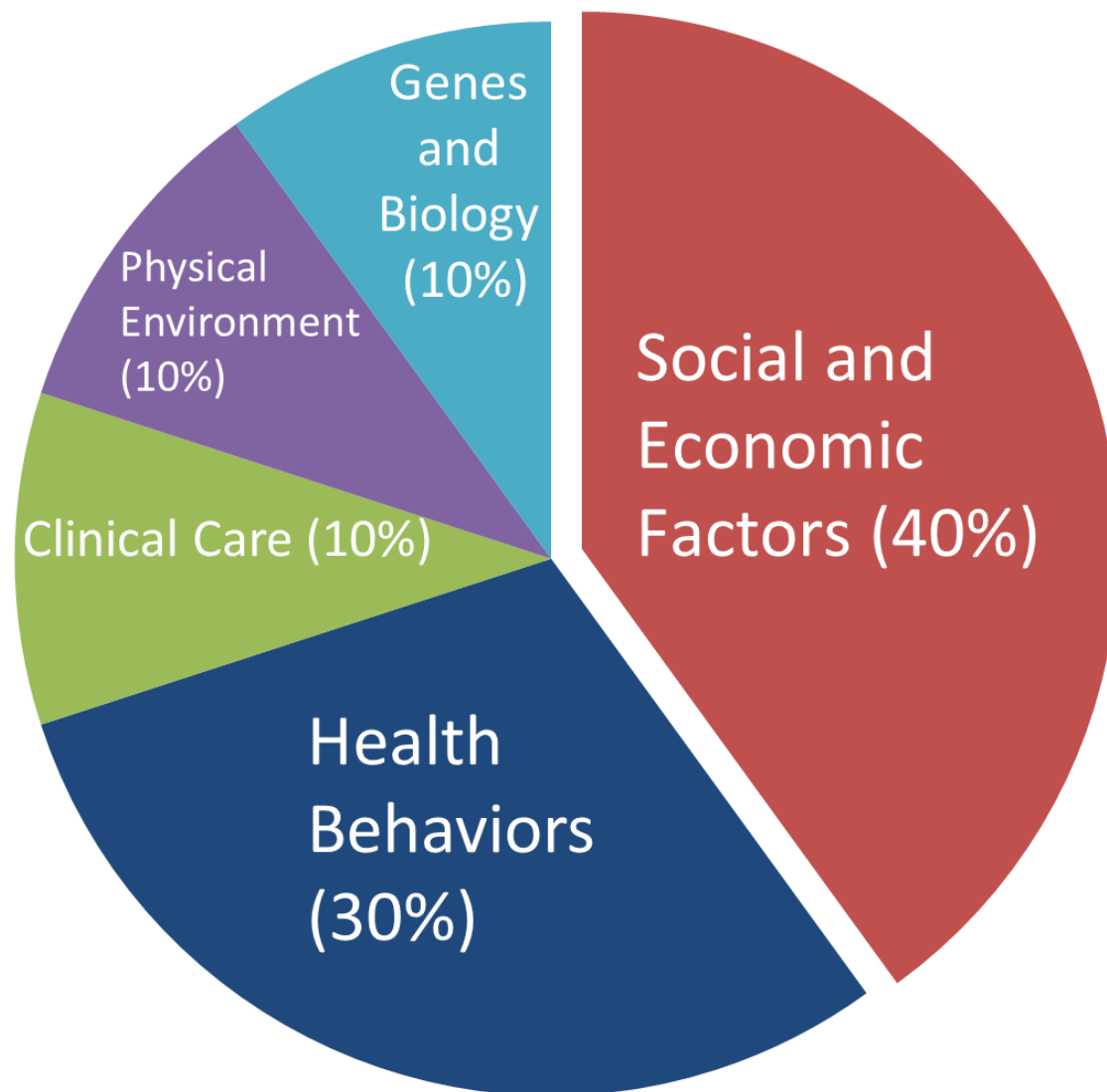
Our World
in Data

Health financing is reported as the annual per capita health expenditure and is adjusted for inflation and price level differences between countries (measured in 2010 international dollars).



Source: Data compiled from multiple sources by World Bank; Health Expenditure and Financing - OECDstat (2017)
OurWorldInData.org/the-link-between-life-expectancy-and-health-spending-us-focus • CC BY

Determinants of Health



What is Public Health

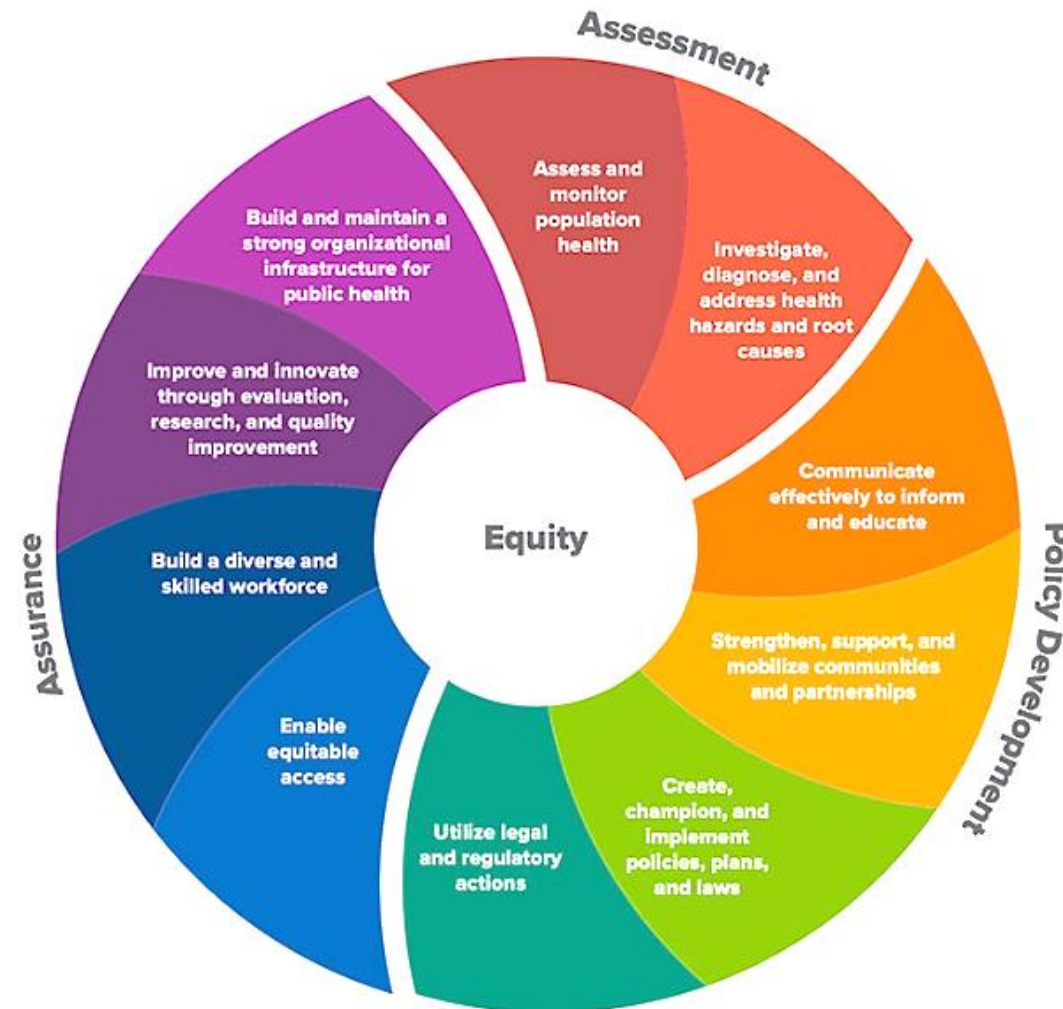
- **Public Health** is the science and art of promoting health, preventing disease and premature death of a population by systematic efforts of society, communities or individuals. It covers three key areas (but overlapping):
 - ***Health Protection*** – protection against infectious diseases and environmental threats.
 - ***Health Promotion*** –engage and empower individuals and communities to choose healthy behaviors, and make changes that reduce risk of developing disease or premature death. (promotion, education, policy)
 - ***Disease Prevention*** – focuses on specific efforts aimed at reducing the development and severity of chronic or infections diseases

Public Health vs Clinical Medicine



Criteria	Public Health System	Medical Care System
Target Audience:	population health	individual health (sick)
Assessment:	Problem identification for a group of individuals	Diagnosis
Assurance:	Necessary interventions are put into place	Treatment
Policy Development:	Collectively deciding which intervention is best for the problem(s) identified	Formulation of a treatment plan

Ten Essential Services of Public Health



Created 2020

Image: de Beaumont Foundation

Foundational Public Health Services

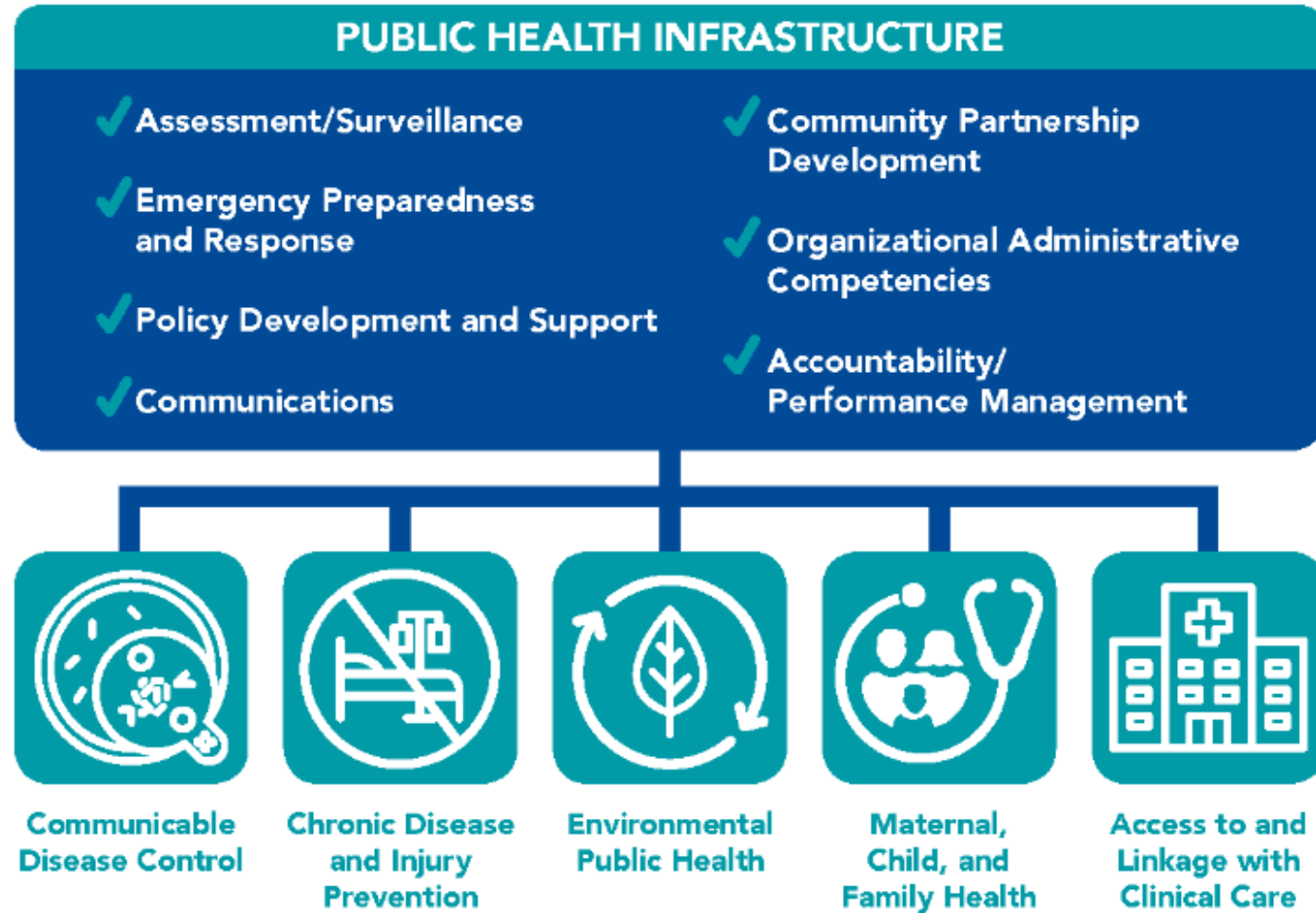
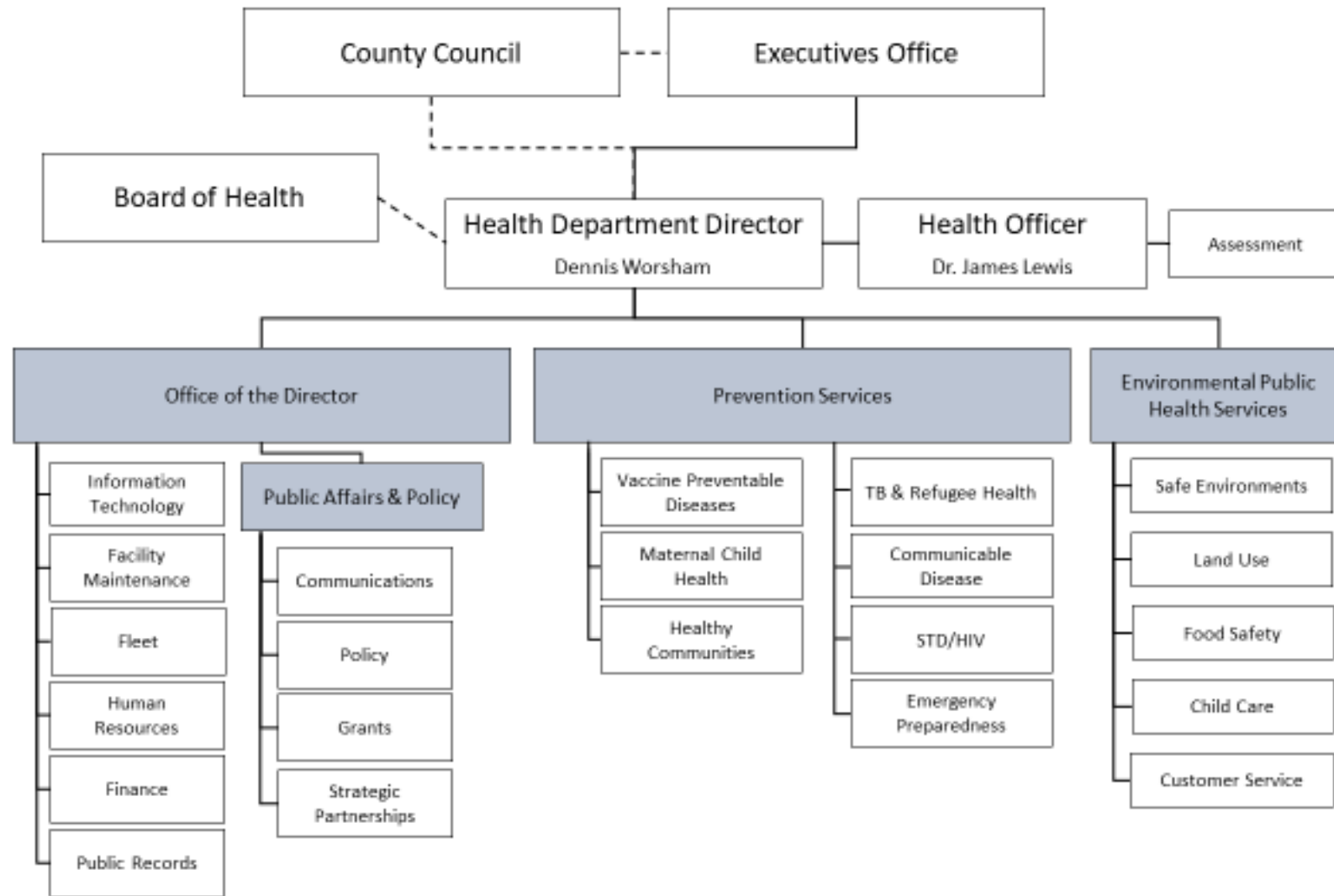


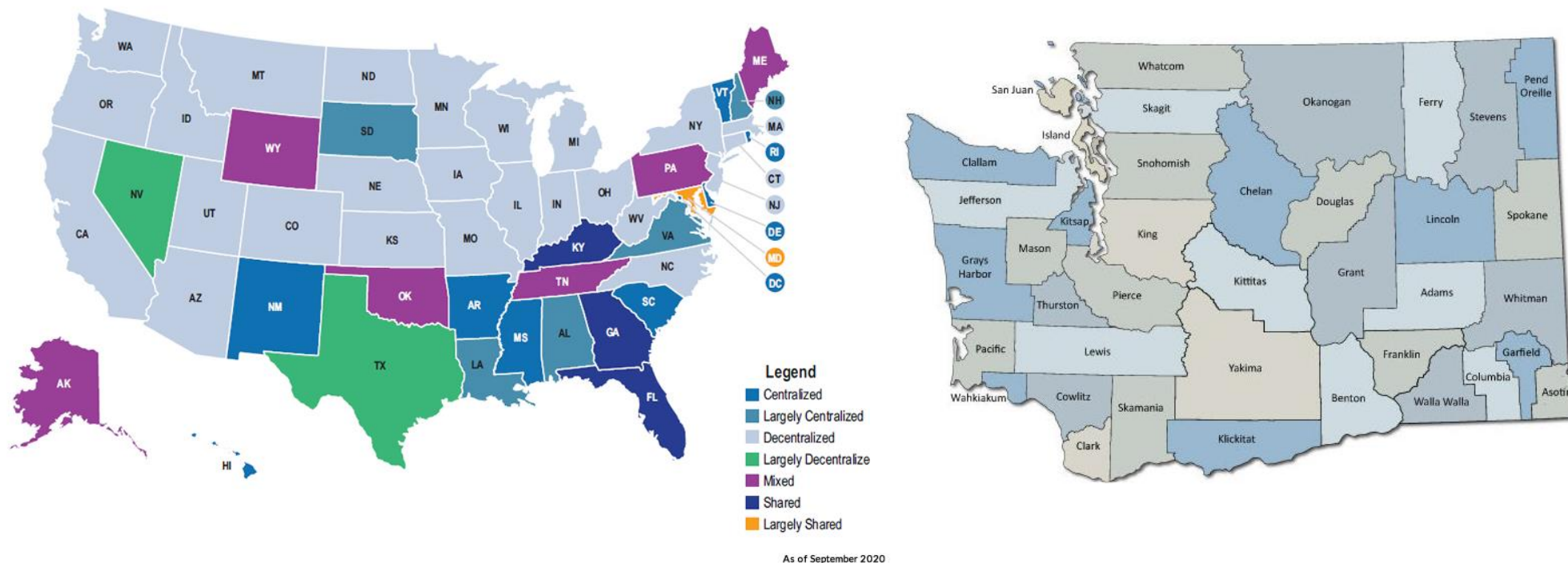
Image: Public Health National Center for Innovation

Organizational Chart

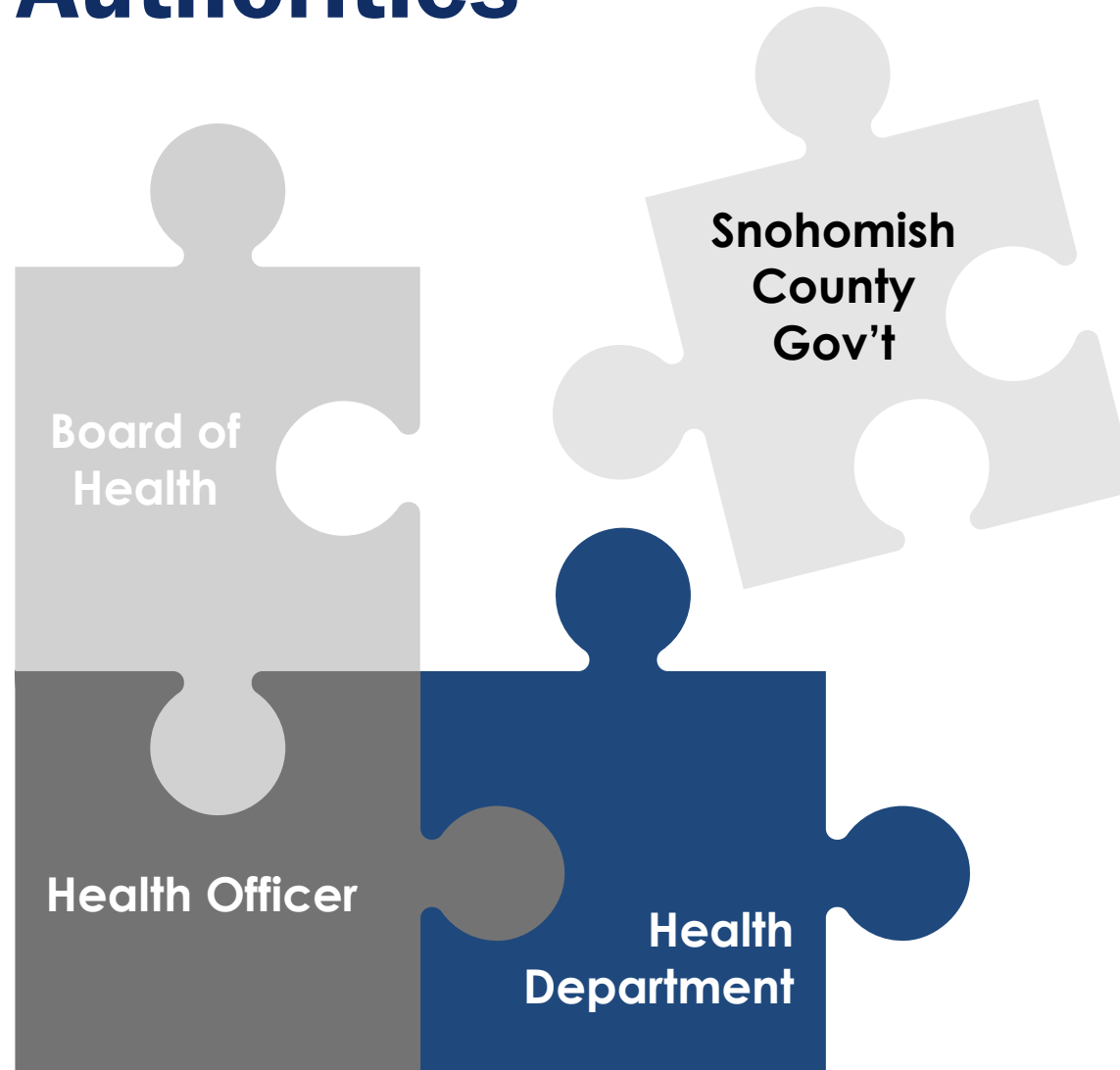


Public Health is a Decentralized System

CDC ➡ State Dept. of Health ➡ Local Health Dept



Public Health Authorities



Health Officer - Authority

RCW [70.05.070](#)

- Under RCW [70A.125.030](#) and [70A.105.120](#), the confidentiality provisions in RCW [70.02.220](#) and rules adopted to implement those provisions, and filing of actions authorized by RCW [43.70.190](#);

Medical

- Control and prevent the spread of any dangerous, contagious or infectious diseases
- Inform the public as to the causes, nature, and prevention of disease and disability and the preservation, promotion and improvement of health within his or her jurisdiction;

Environmental

- Prevent, control or abate nuisances which are detrimental to the public health
- Collect such fees as are established by the state board of health or the local board of health for the issuance or renewal of licenses or permits or such other fees

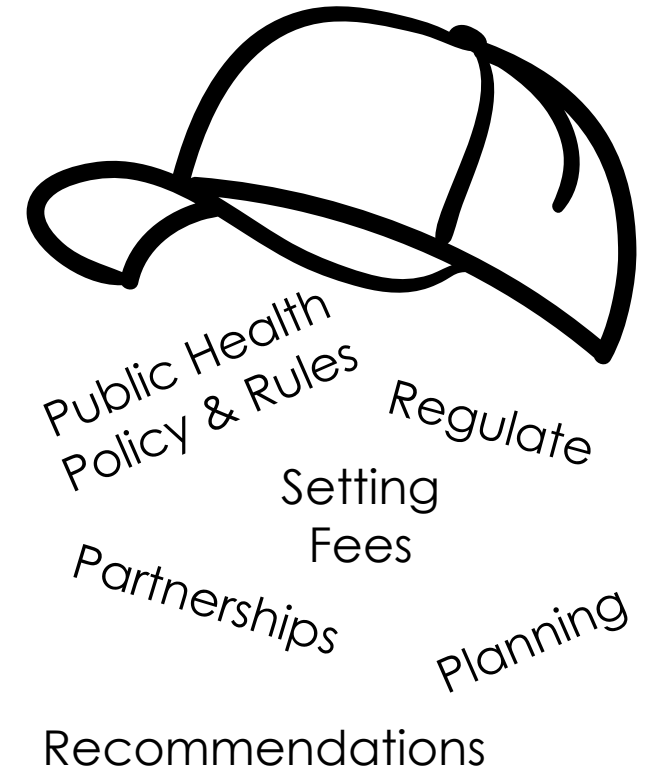


James Lewis, MD, MPH

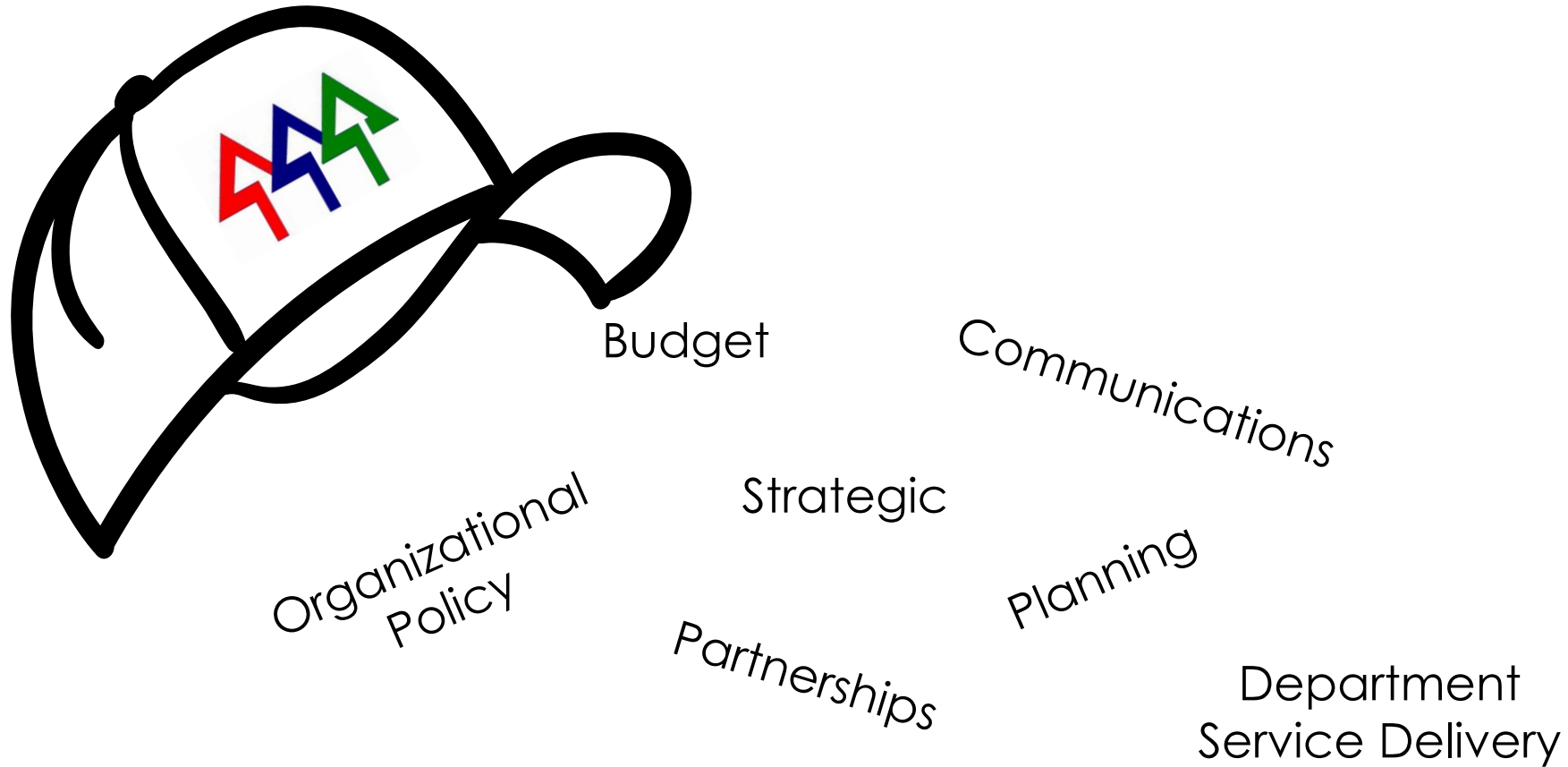
RCW 70.05.060 Powers and duties of local BOH

Each local board of health shall have supervision over all matters pertaining to the preservation of the life and health of the people within its jurisdiction and shall:

- (1) Enforce through the local health officer or the administrative officer appointed under RCW 70.05.040, if any, the public health statutes of the state and rules promulgated by the state board of health and the secretary of health;
- (2) Supervise the maintenance of all health and sanitary measures for the protection of the public health within its jurisdiction;
- (3) Enact such local rules and regulations as are necessary in order to preserve, promote and improve the public health and provide for the enforcement thereof;
- (4) Provide for the control and prevention of any dangerous, contagious or infectious disease within the jurisdiction of the local health department;
- (5) Provide for the prevention, control and abatement of nuisances detrimental to the public health;
- (6) Make such reports to the state board of health through the local health officer or the administrative officer as the state board of health may require; and
- (7) Establish fee schedules for issuing or renewing licenses or permits or for such other services as are authorized by the law and the rules of the state board of health: PROVIDED, That such fees for services shall not exceed the actual cost of providing any such services. [1991 c 3 § 308; 1984 c 25 § 6; 1979 c 141 § 79; 1967 ex.s. c 51 § 10.]

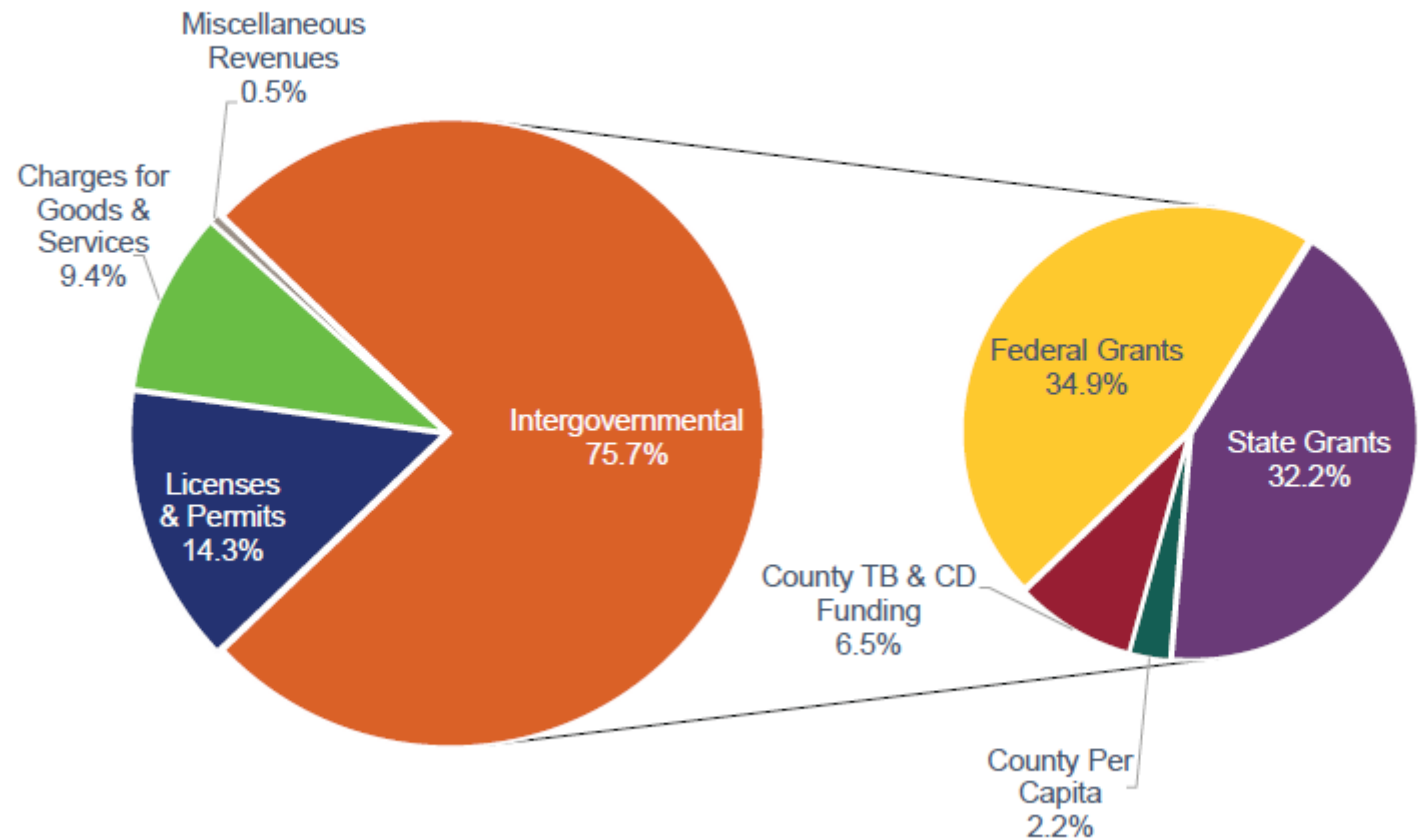


Snohomish County Government Executive & Legislative Branches



2023 Budgeted Revenue By Source

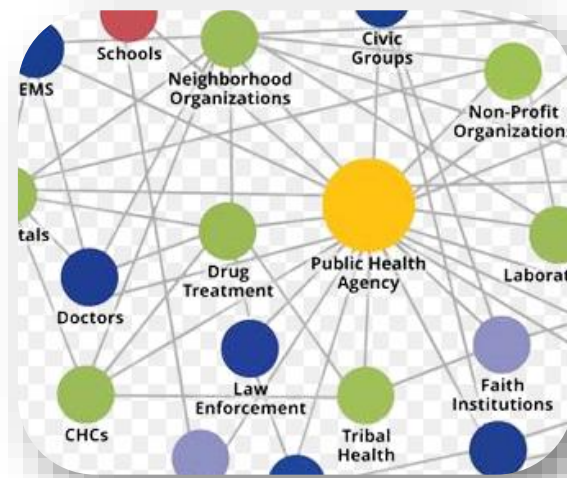
2023 Budgeted Revenue By Source



Health Officer – Chief Science Officer

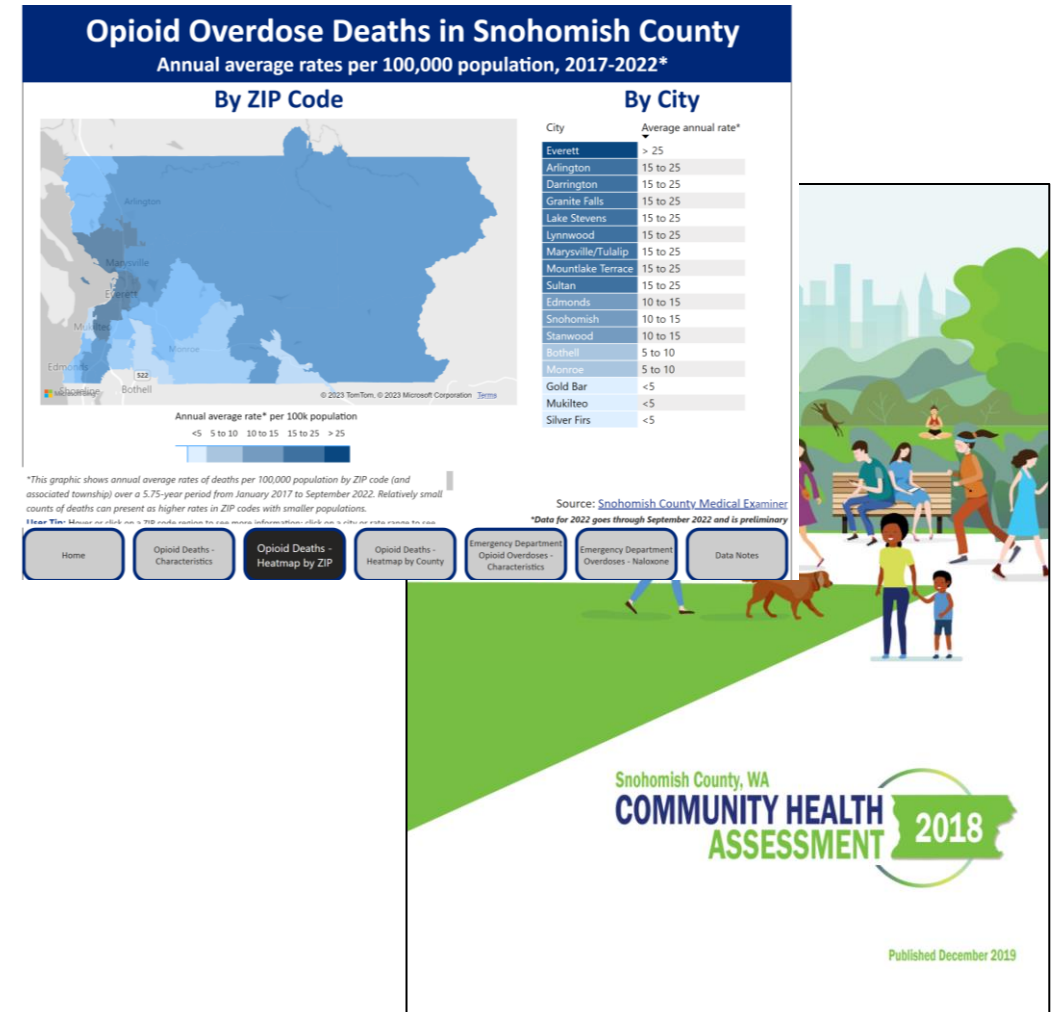
- Maintain situational awareness related to Scientific evidence regarding PH threats
- Implement appropriate scientifically informed:
 - Surveillance
 - Data collection
 - Data Visualization
 - Education
 - Policies

Assessment Program



Assessment/Epidemiology/Informatics

- Collect and Store PH data:
 - Chronic Disease Data
 - Communicable Disease Data
 - Healthy Youth Data
 - Maternal and Child Health Data
 - Substance use data
 - Quality Assessment
- Utilize Data to:
 - Create meaningful reports to inform community health status:
 - Community Health Reports
CHA & CHIP
 - Dashboards
 - Disease Surveillance Reports
 - Perform Internal Quality Assessment and create Quality Improvement reports
 - Track progress/impact of Public Health policies and/or interventions



Office of the Director

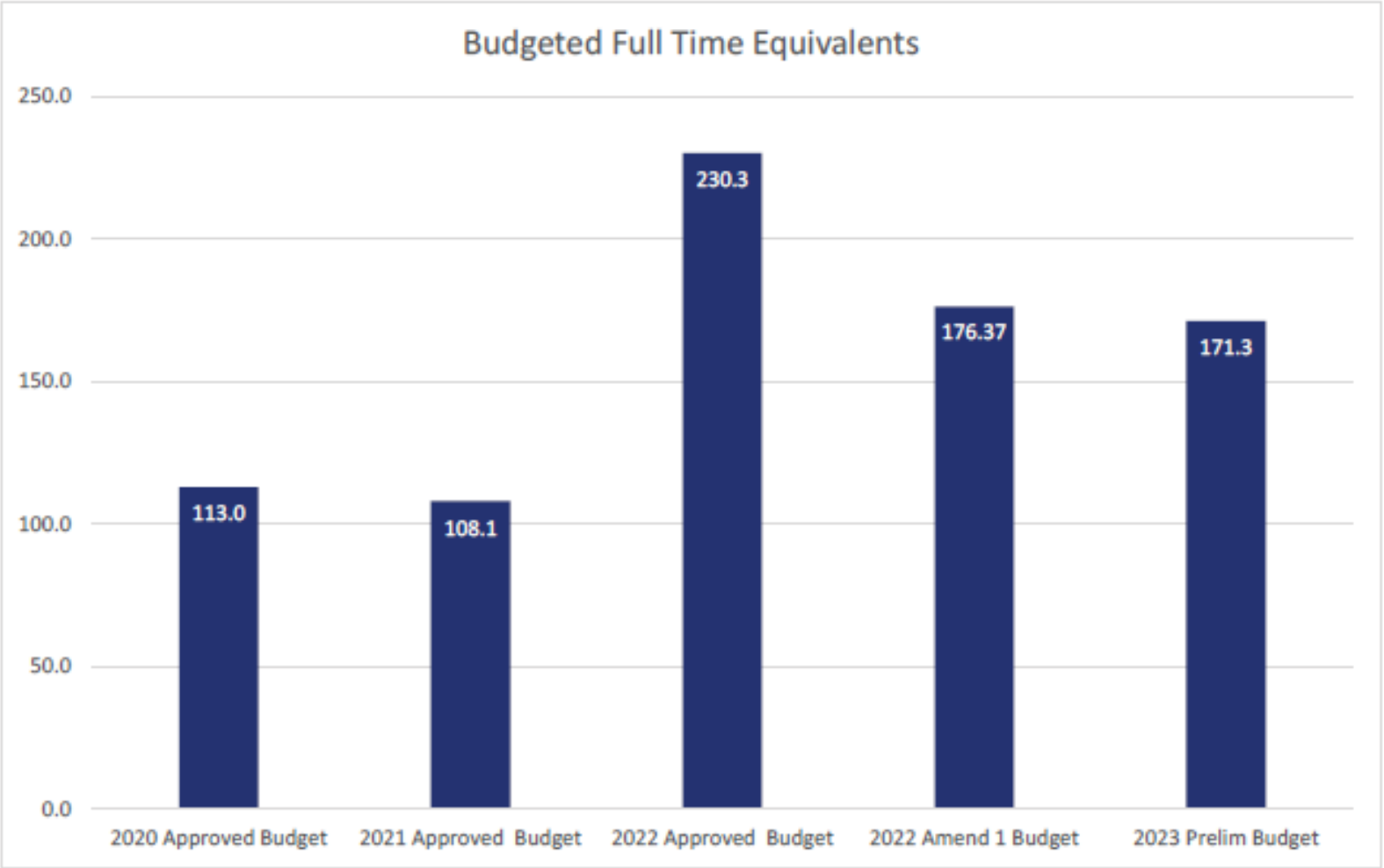




A word cloud featuring various terms related to public health and administrative functions. The words are arranged in a non-uniform, overlapping manner. The largest word is 'Evaluation' in blue. Other prominent words include 'Public Records' in purple, 'Equity' in light green script, 'Strategic Partnerships' in black, 'Information Technology' in light green, 'Human Resources' in black, 'Communications' in black, 'Finance' in black script, 'Policy' in blue script, 'HIPPA' in large purple script, 'Facilities' in purple, and 'Grants' in blue. The background is white with a dark blue horizontal bar at the top left and a green horizontal bar at the top right.

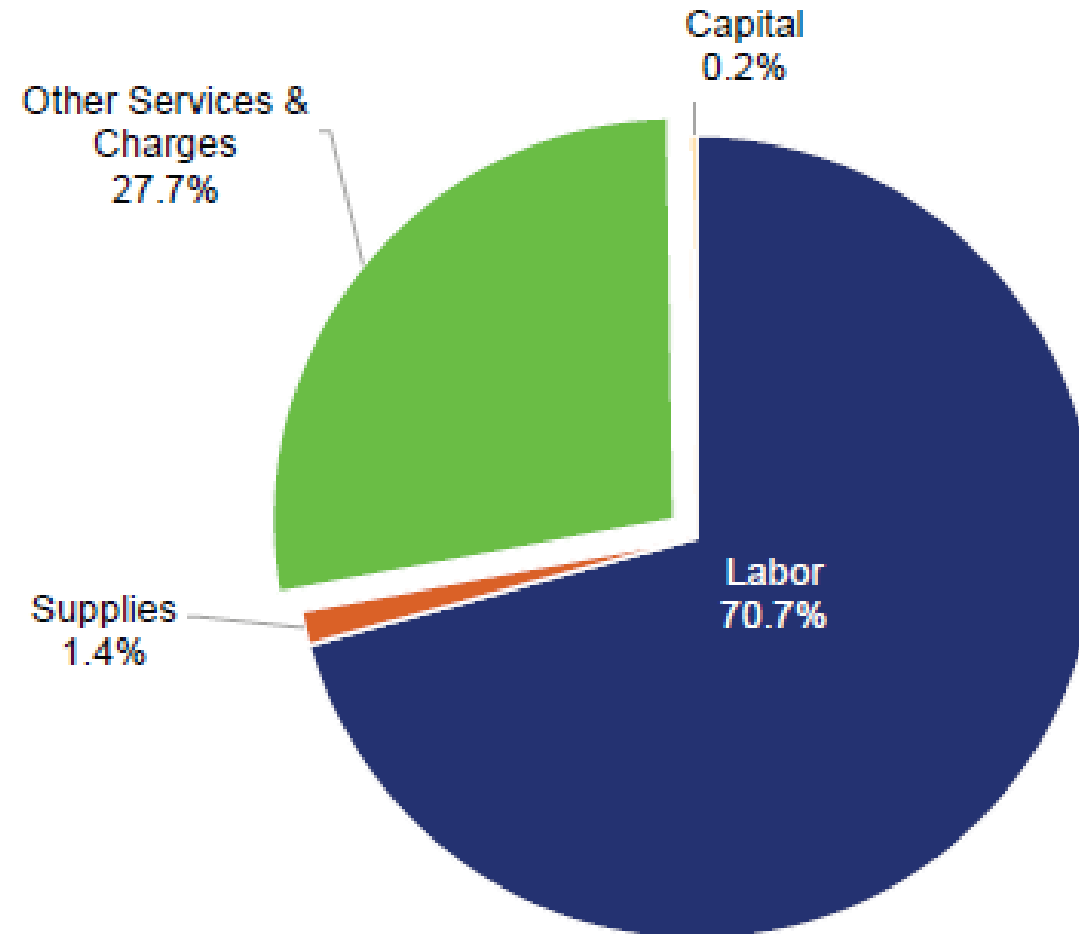
Evaluation
Equity
Public Records
Strategic Partnerships
Information Technology
Human Resources
Communications
Finance
Policy
HIPPA
Facilities
Grants

2023 Budget Overview



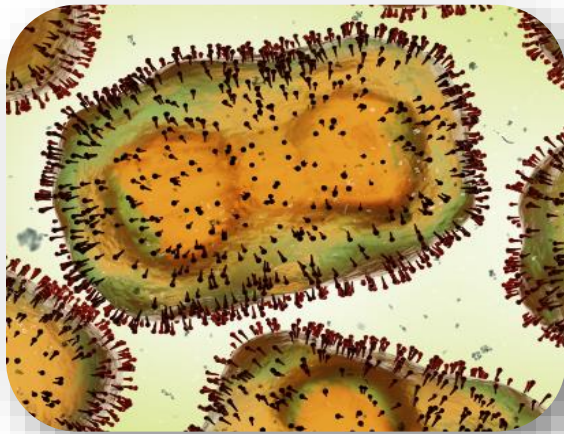
2023 Budgeted Expenditures By Type

2023 Budgeted Expenditures by Type



Prevention Services

Division Overview



Funding

Grants	Contracts	Consolidated Contract	Snohomish County	Agency funding
Health and Human Services (HHS) - \$4,000,000 Health Resources and Services Administration (HRSA) \$3,000,000 Centers for Disease Control and Prevention (CDC) \$300,000	Access to baby and child dentistry \$150,000 Whatcom County \$25,000	Approximately \$3,500,139	Tuberculosis control and Communicable Disease \$1,500,000	Approximately \$1,820,000

Prevention Services

Tuberculosis



Refugee Health



STIs



Challenges:

- Increased complexity of cases and needs of clients
- Increased in refugee's resettling in Snohomish County

Opportunities:

- New electronic health record
- Increased clinical services at the Health Department

Prevention Services

Maternal and Child Health



Challenges:

Limited funding towards these programs in general
Increased impact of drugs in our community

Opportunities:

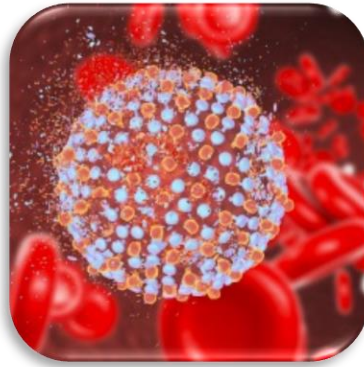
Opioid settlement funds offer a way to collaborate across the county
Foundational public health funding increased for parental health

Healthy Communities



Prevention Services

Communicable Disease/Public Health Preparedness/Viral Hepatitis



Challenges:

Increased number of reportable cases coming into the Health Department
Longer term disasters/emergencies

Opportunities:

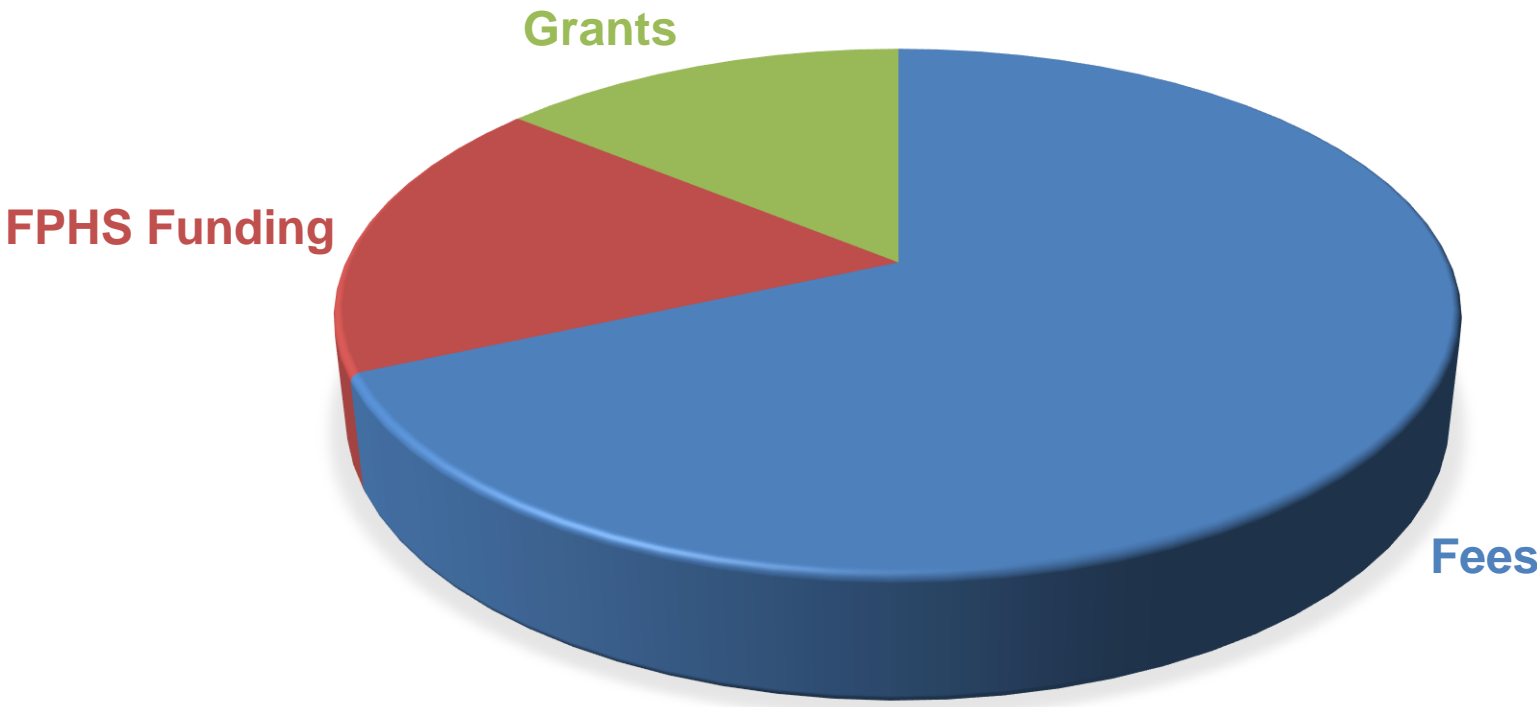
Collaboration with other county departments

Environmental Health



Funding

ENVIRONMENTAL HEALTH FUNDING SOURCES IN 2022 BUDGET
AMENDMENT 1



Land Use

Drinking Water Program

- Sanitary surveys for Group A water systems
- Well site reviews
- Group B systems
- Well seal inspections



Land Use

Wastewater

- Onsite Sewage System Installation Applications
- Construction Clearances
- Complaints and failures
- OSS Monitoring and Maintenance
 - Savvy Septic
 - Point of Sale inspections



Safe Environments

Solid Waste Program

- Facility inspections
- Active and closed landfills
- Complaint investigation and enforcement



Safe Environments

- Water Recreation Facilities
- School Safety Inspections
- Pollution Prevention Assistance
- Group camps
- Vector Borne Disease Surveillance
- Shellfish monitoring
- Smoking in public complaints



Food Safety

- Routine Inspections
- Mobile food units
- Temporary events
- Plan review
- DFDOs
- Food borne illness investigations



Public Health in Snohomish County

