



# 2023 Agency Overview

Commissioner Brooke Cunningham, MD, PhD

Senate Health and Human Services Committee

January 11, 2023

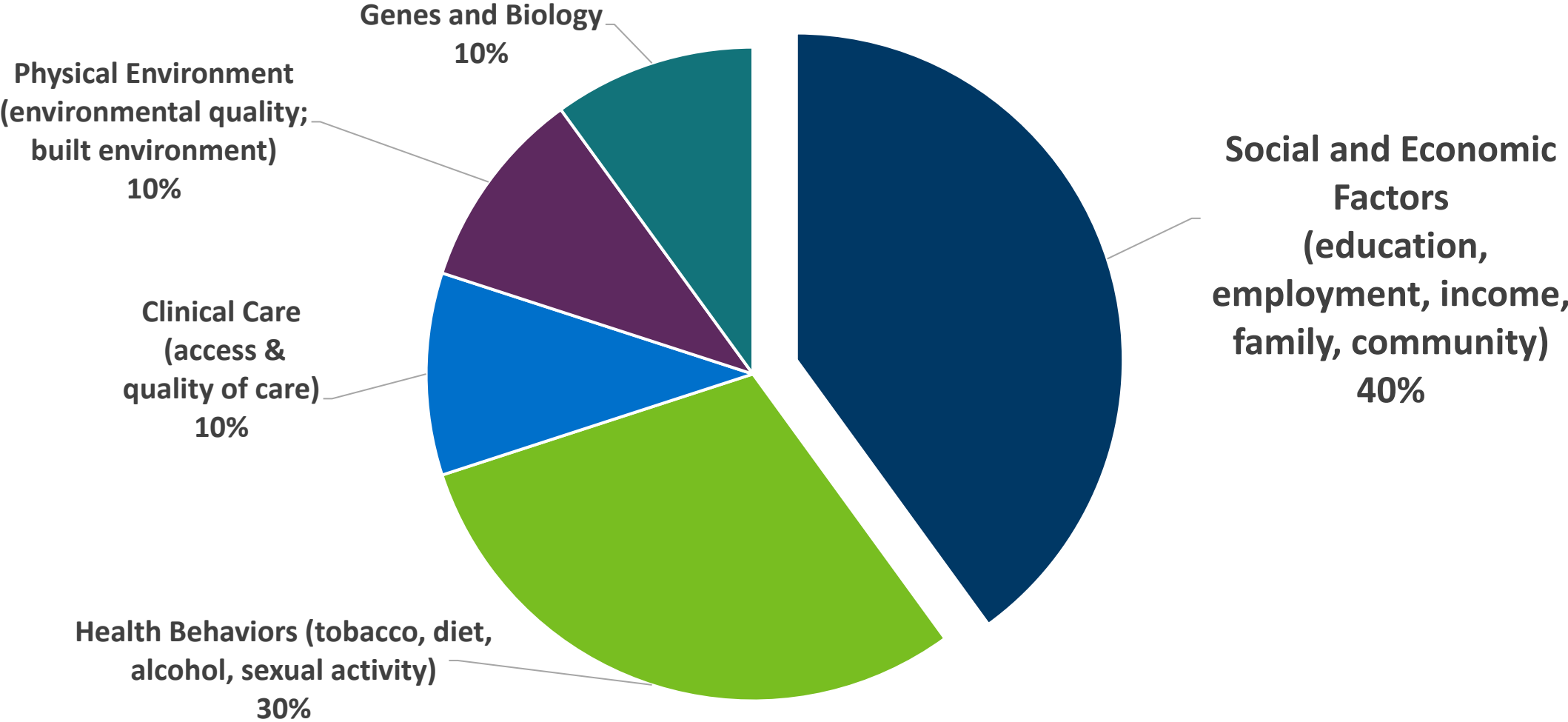
PROTECTING, MAINTAINING AND IMPROVING THE HEALTH OF ALL MINNESOTANS



**MDH Mission:**

*“Our mission is to protect, maintain and improve the health of all Minnesotans.”*

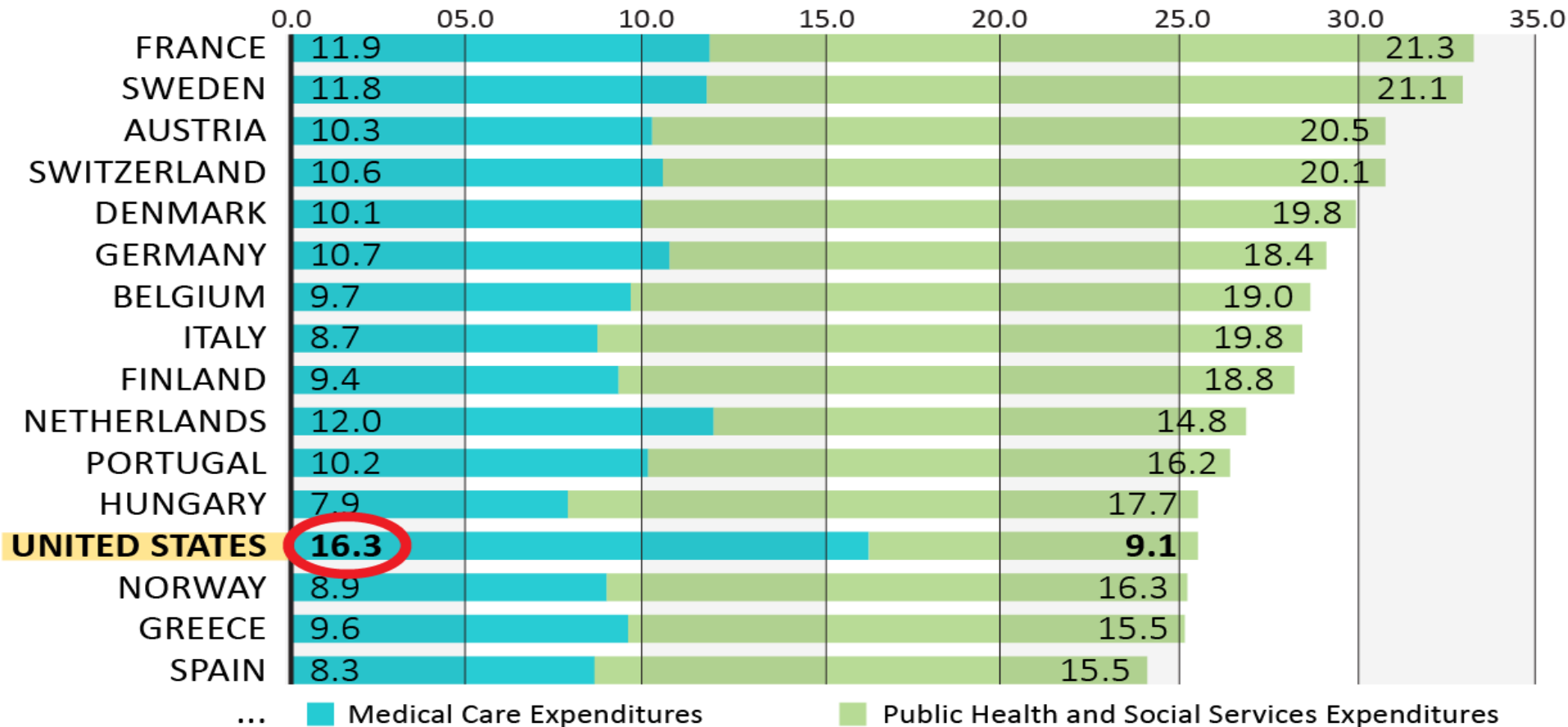
# What Determines Our Health?



■ Social and Economic Factors ■ Health Behaviors ■ Clinical Care ■ Physical Environment ■ Genes and Biology

# Total Investment in Health and Human Services

## Expenditures as a % of GDP

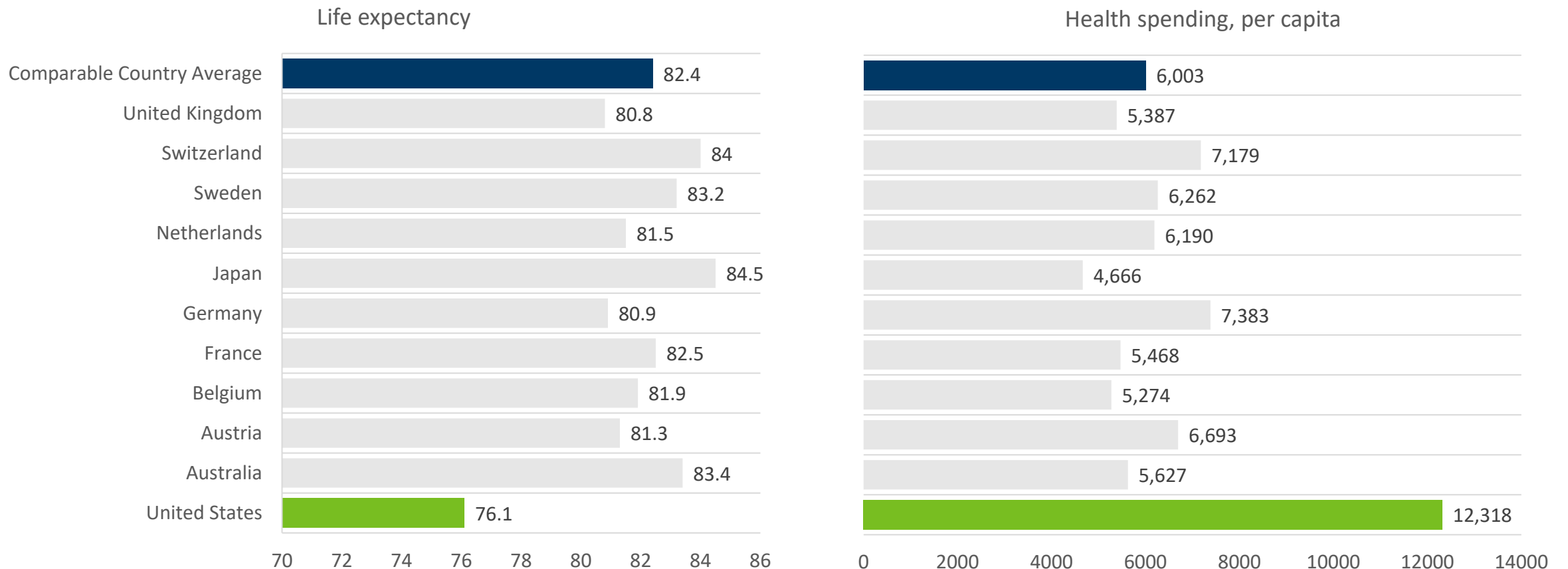


Based on a study by the Organization for Economic Cooperation and Development (OECD)

- In other countries, for every \$1 spent on health care, about \$2 is spent on prevention and other social services
- In the U.S., for every \$1 spent on health care, about 55 cents is spent on prevention and other social services

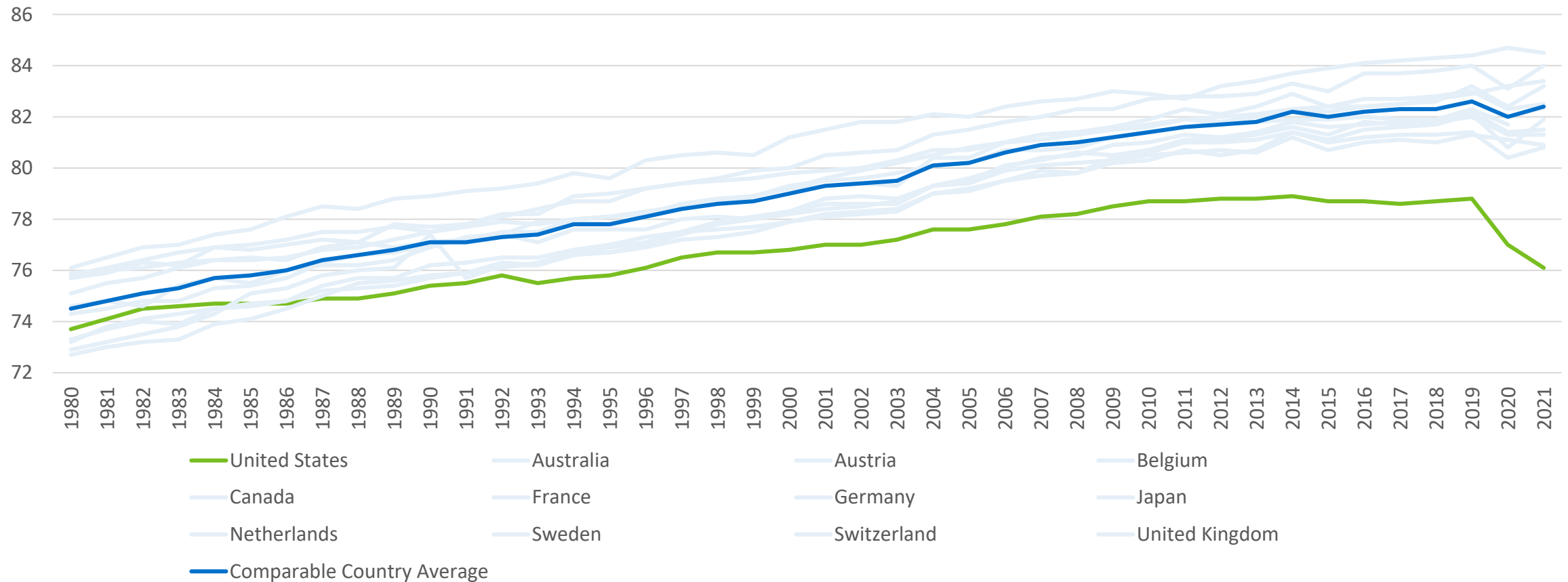
# Life Expectancy and Per Capita Health Care Spending

Ten years later, the story is similar



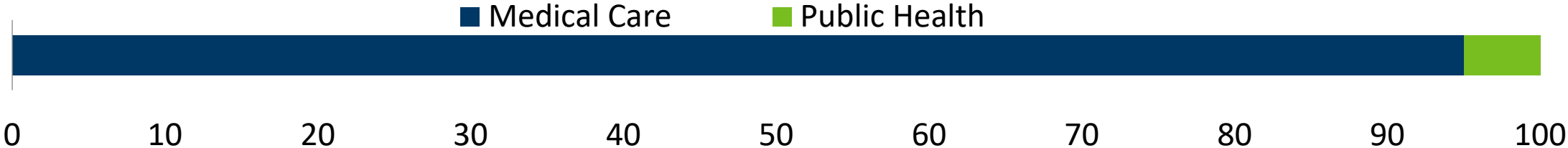
# Life Expectancy at Birth Years, 1980-2021

Life expectancy at birth years, 1980-2021

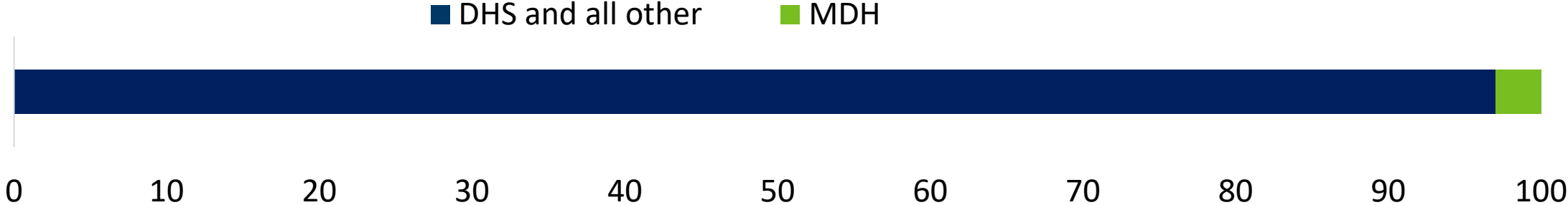


# Total Investment in Health and Human Services

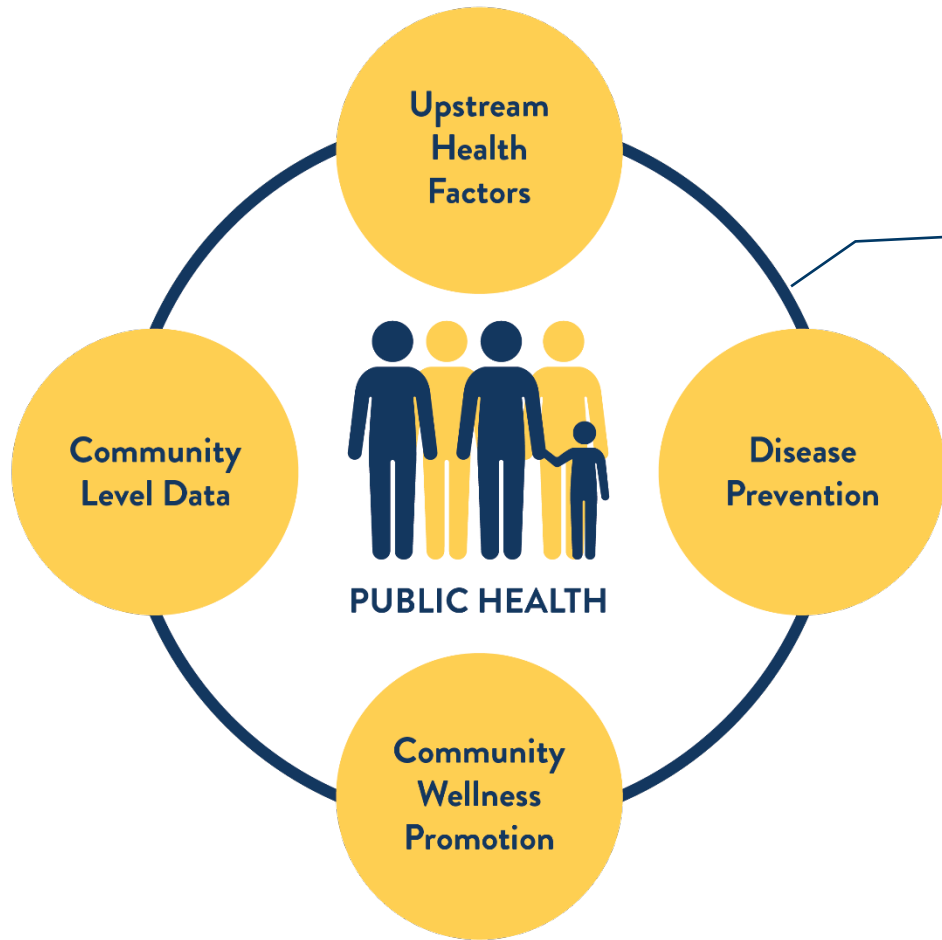
U.S. Distribution of Health Resources



MN State Budget Distribution of Health and Human Services Resources

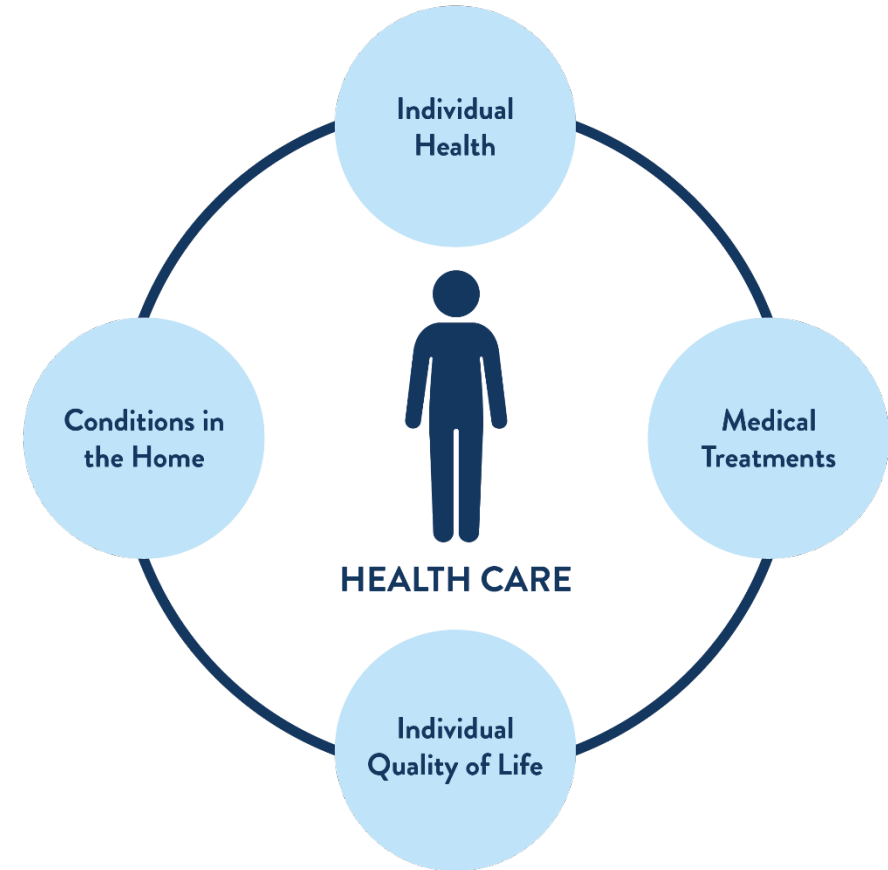


# Public Health vs. Health Care



MDH addresses issues in the domain of **public health**.

Examples of the scope of activities include drinking water, food standards, infectious diseases, maternal and child health, cancer screening, nutrition, and facility regulations





# Public Health in Minnesota

## Health Care/Human Services (DHS)

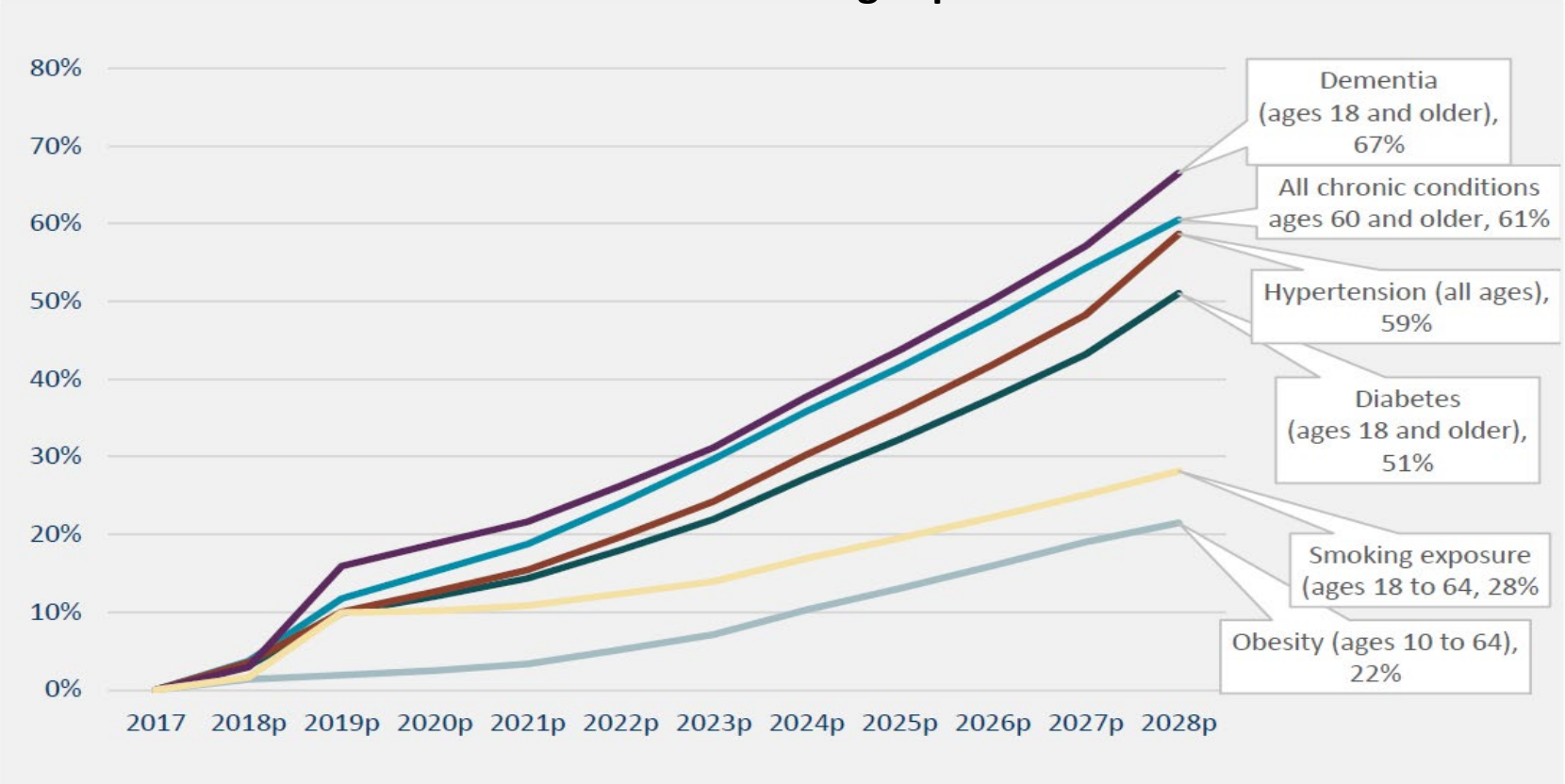
1. Providing medical coverage for a child with measles
2. Enrolling people in health insurance to ensure chronic disease treatment
3. Providing coverage for and treating people with addiction or overdose in hospital or program

## Public Health (MDH)

1. Providing information to parents about the value of immunizations
2. Working with local governments to reduce prevalence of chronic disease
3. Addressing root causes of diseases of despair (alcohol abuse, suicide, etc.)

# Public Health in Minnesota

**Cumulative Percentage Change in Projected Health Care Spending Attributed to Selected Chronic Conditions and Smoking Exposure**



More than 40% of Minnesota adults have at least one chronic condition, and about half of those (20% of adults) have more than one chronic condition.

Spending related to chronic conditions is projected to soar by 2028, presenting an increasing financial burden for individuals, families, employers, and the State.

**We can't afford to treat our way to health**

# Public Health in Minnesota

- Chronic conditions are closely tied to where we live and work, our culture, and our daily activities.
- Factors such as being able to find and afford nutritious food, to have meaningful work that pays a good wage, experiencing violence, and having a trusted support system all impact healthy behaviors and overall health.
- Systemic racism and discrimination-related stress also impacts people of color, such as Black, American Indian, and other marginalized communities, putting them at higher risk of developing chronic conditions.



# Public Health in Minnesota



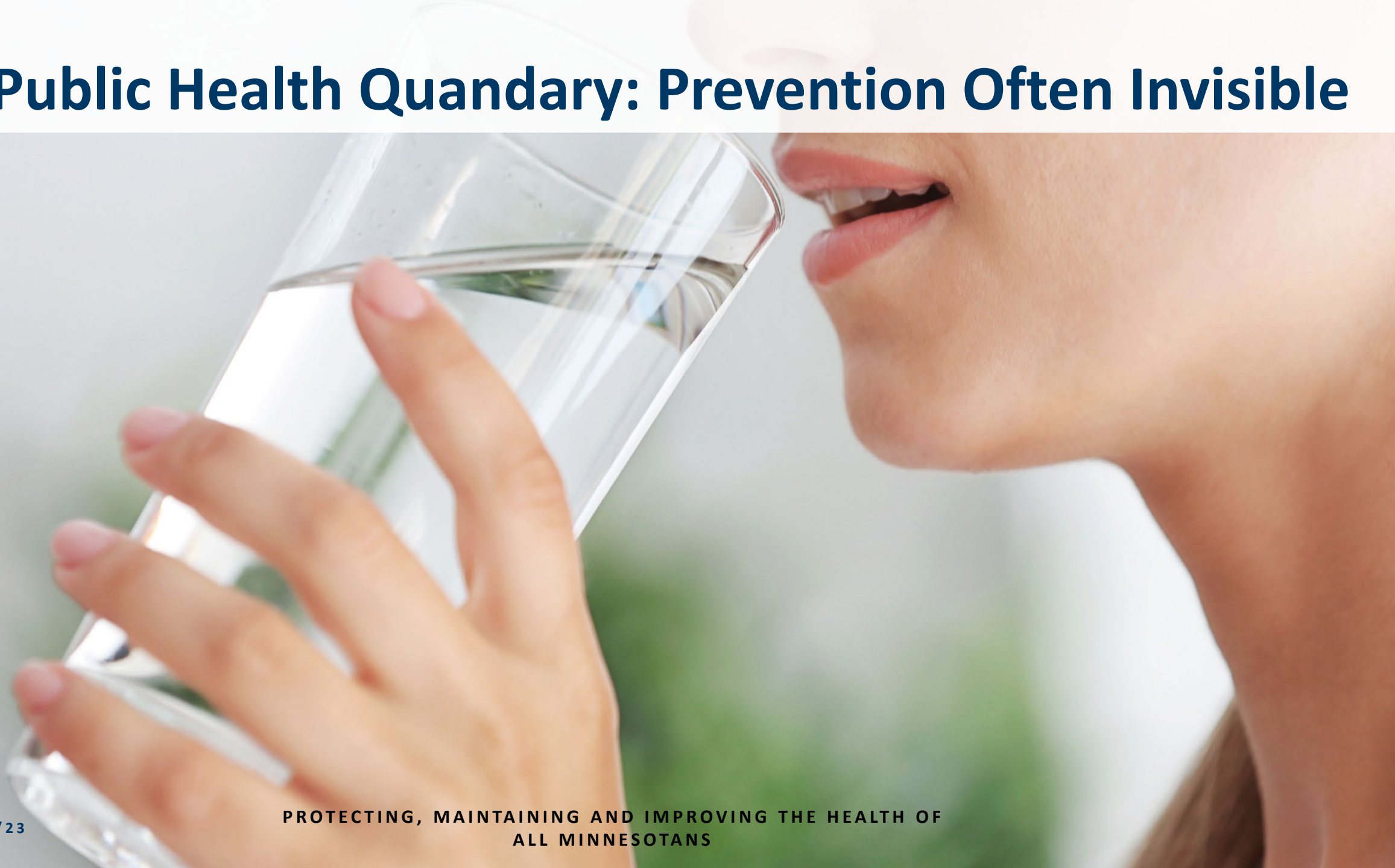
- Despite being among the healthiest states *on average*, Minnesota has some of the nation's worst health disparities
- Compared to whites, Minnesota's populations of color and American Indians experience:
  - Shorter life spans
  - Higher rates of infant mortality
  - Higher incidences of diabetes, heart disease, and cancer; and
  - Poorer general health

# Effects of the Pandemic on Public Health

COVID-19 pandemic response changed the work of public health agencies. During the pandemic, public health agencies:

- Delivered and provided coverage for COVID-19 testing and vaccinations
- Partnered with community-based organizations to reach hardest hit communities
- Provided staffing resources for LTC and hospitals
- Provided expanded access to COVID-19 treatments
- Stood up a hotline for the general public

# The Public Health Quandary: Prevention Often Invisible

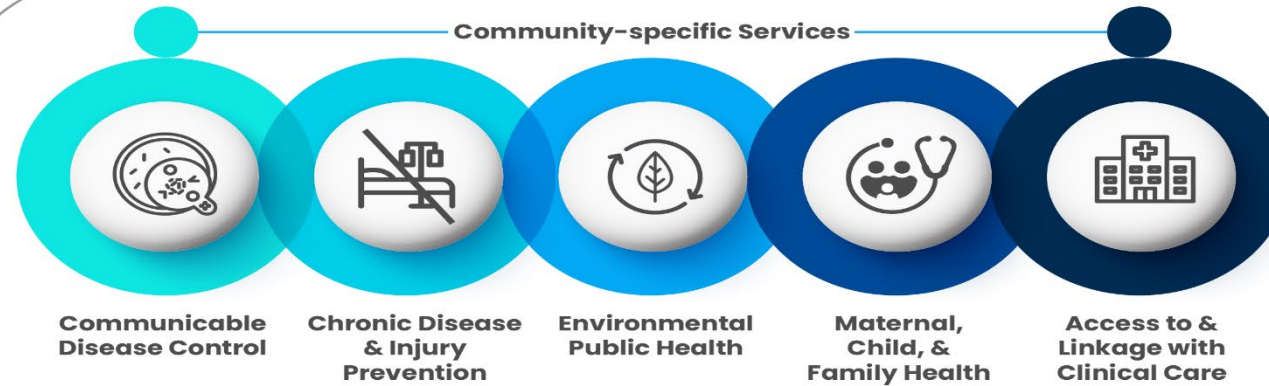


1/11/23

PROTECTING, MAINTAINING AND IMPROVING THE HEALTH OF  
ALL MINNESOTANS

# The Foundations of Public Health

## Foundational Areas



## Foundational Capabilities

<b>Assessment &amp; Surveillance</b>	<b>Community Partnership Development</b>	<b>Equity</b>	<b>Organizational Competencies</b>
<b>Policy Development &amp; Support</b>	<b>Accountability &amp; Performance Management</b>	<b>Emergency Preparedness &amp; Response</b>	<b>Communications</b>

E Q U I T Y





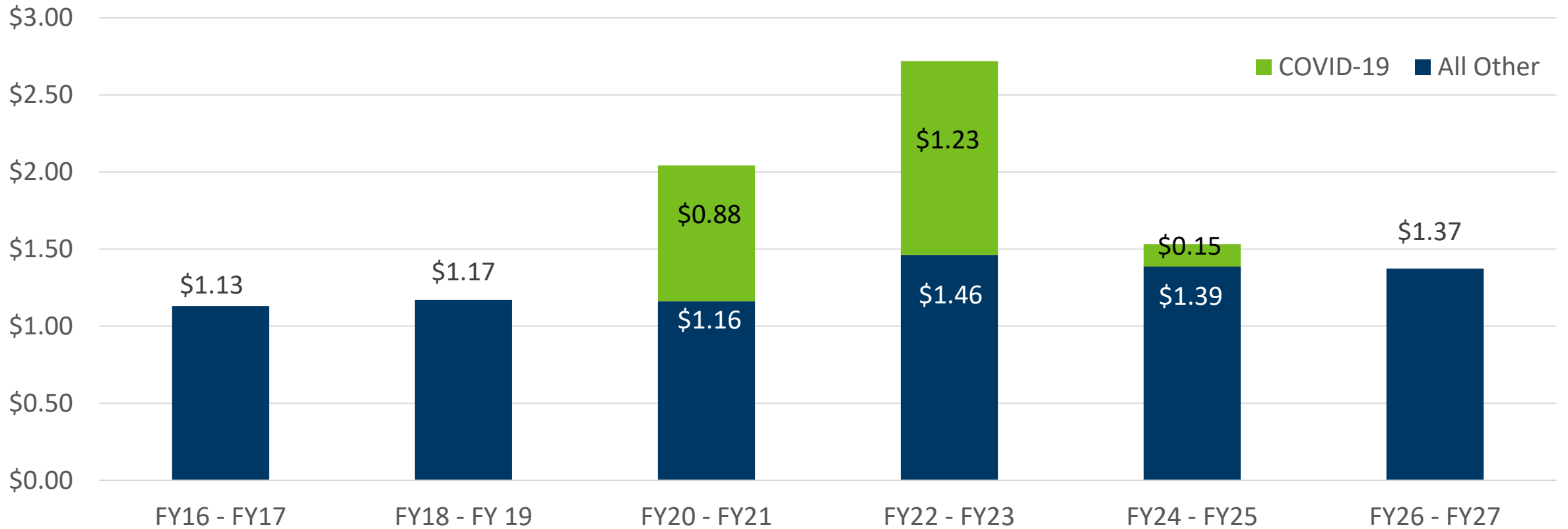
# The MDH Budget Snapshot



# Expenditure History and Outlay Projections

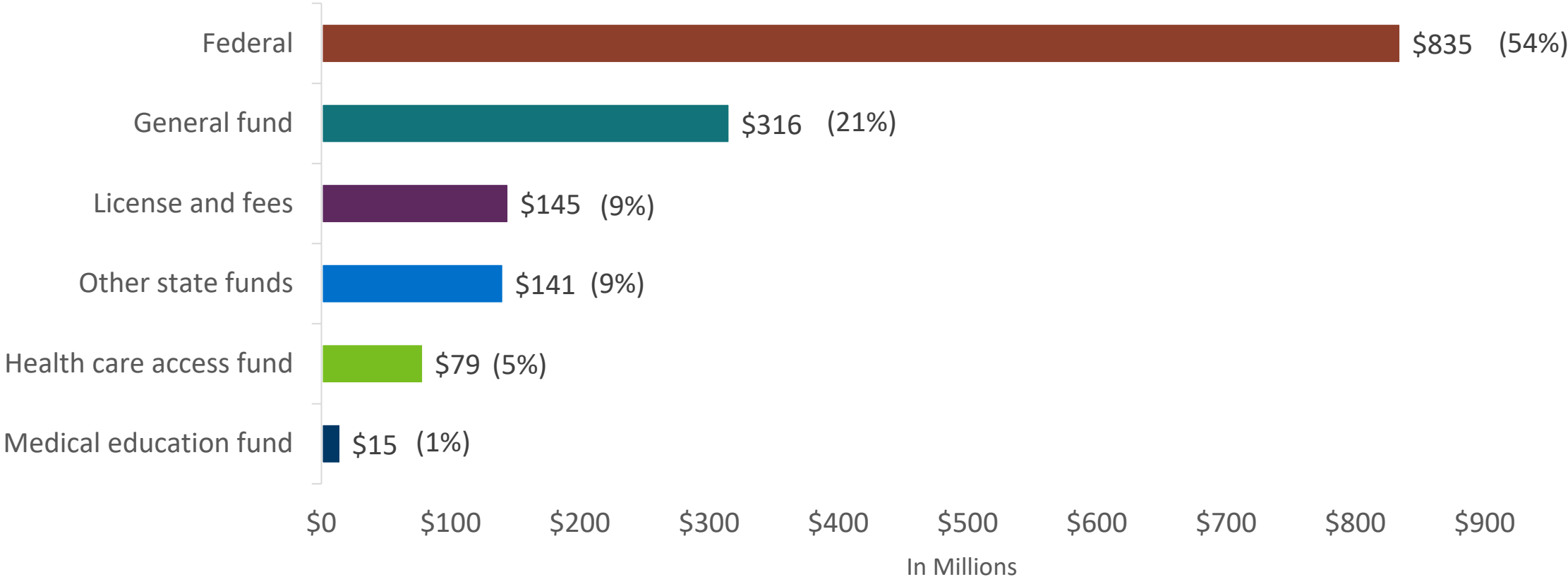
FY 2016-2027 (in billions)

In Billions



# Sources of All Funds

FY 2024-2025 (in millions)

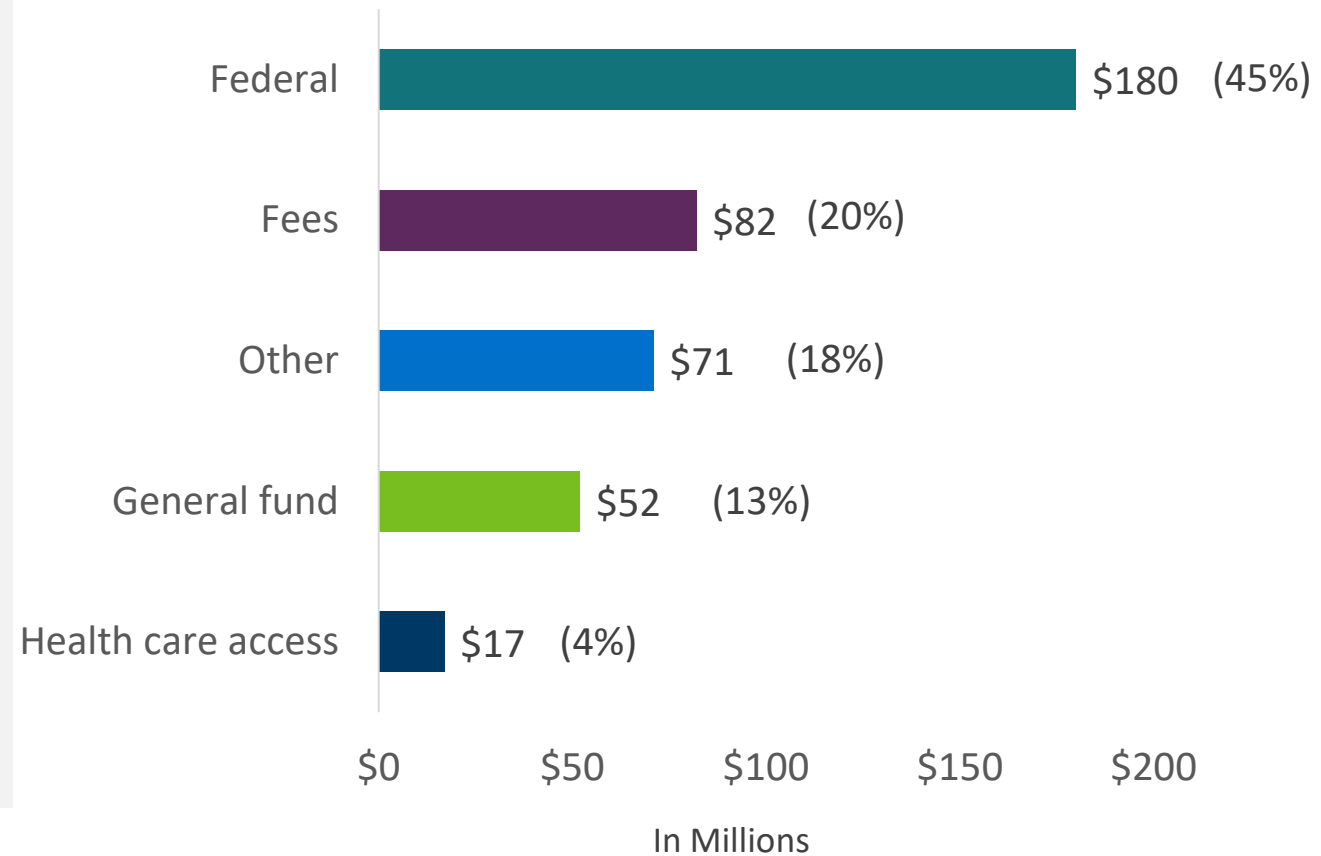


# Staff by Funding Source

FY 2024-2025

**1,672** full-time equivalent (FTE) staff

- Scientific and programmatic experts
- Epidemiologists
- Nurses
- Economists
- Data analysts
- Community health specialists
- Engineers
- Laboratorians



# Federal Awards

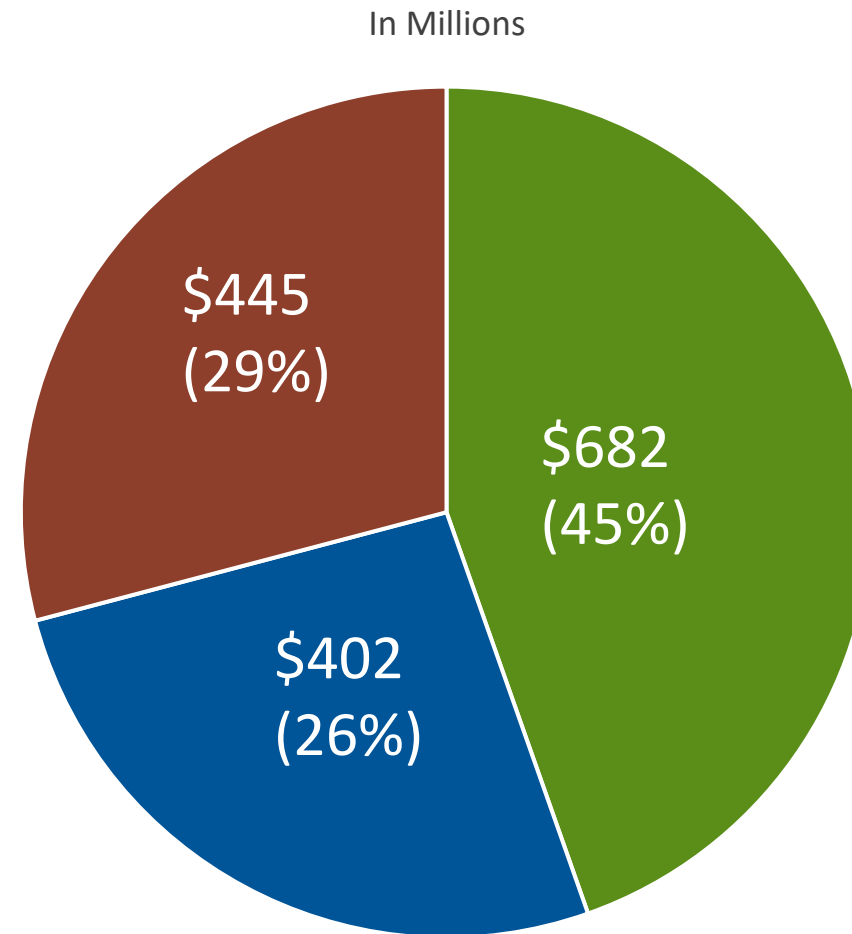
FY 2024-2025 (in millions)

Department or Agency	Amount	Percentage
Centers for Disease Control and Prevention	\$371.53	46%
U.S. Dept. of Agriculture	\$291.34	36%
Health Resources and Services Administration	\$54.50	7%
Centers for Medicare & Medicaid Services	\$42.98	5%
Other Federal Departments	\$24.54	3%
Environmental Protection Agency	\$18.45	2%
Agency for Children and Families	\$7.92	1%
<b>Total</b>	<b>\$811.25</b>	<b>100%</b>

# Uses of All Funds

FY 2024-2025 (in millions)

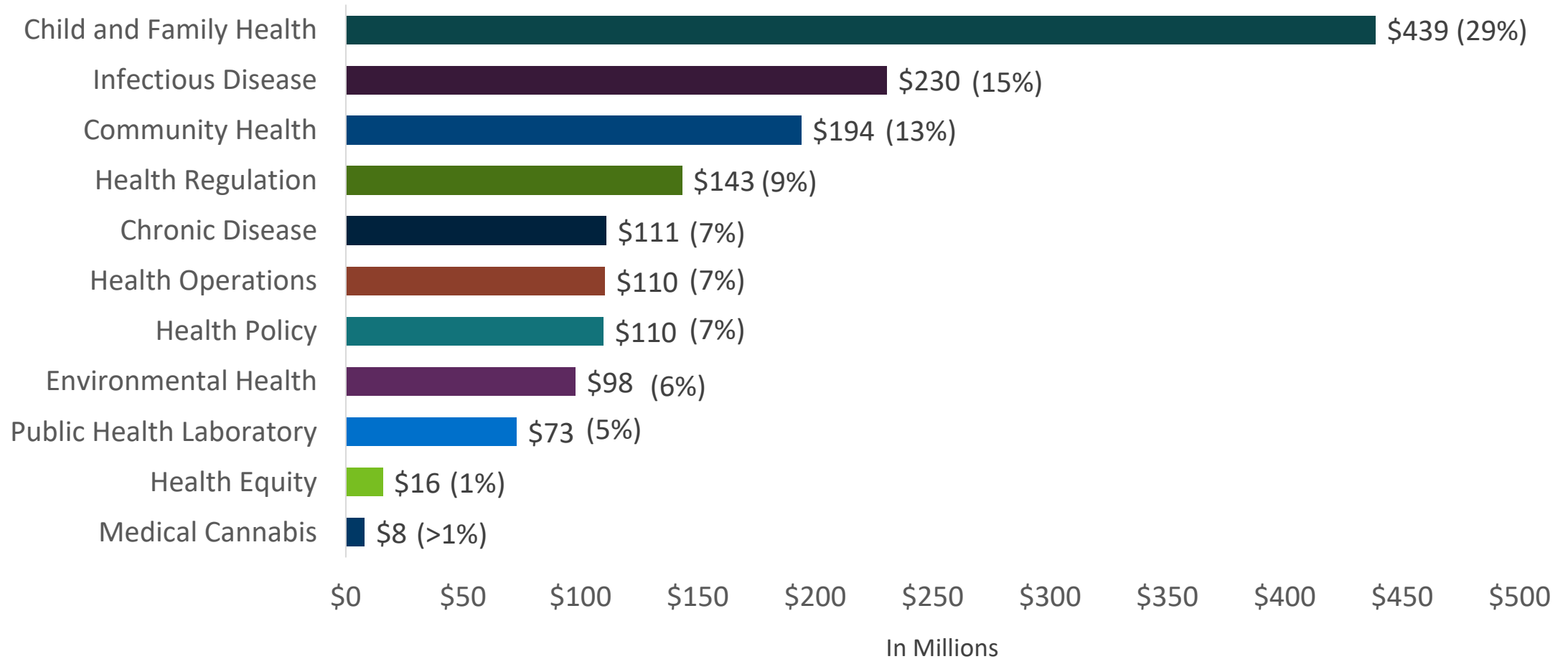
- Grants, aids and subsidies
- Employee compensation
- Operating expenses



PROTECTING, MAINTAINING AND IMPROVING THE HEALTH OF ALL MINNESOTANS

# Spending by budget activity

FY 2024-2025 (in millions)



# Thank you!

## **Contacts:**

Dr. Brooke Cunningham, Commissioner of Health, 651-201-5810

Lisa Thimjon, Legislative Director, 651-201-5808

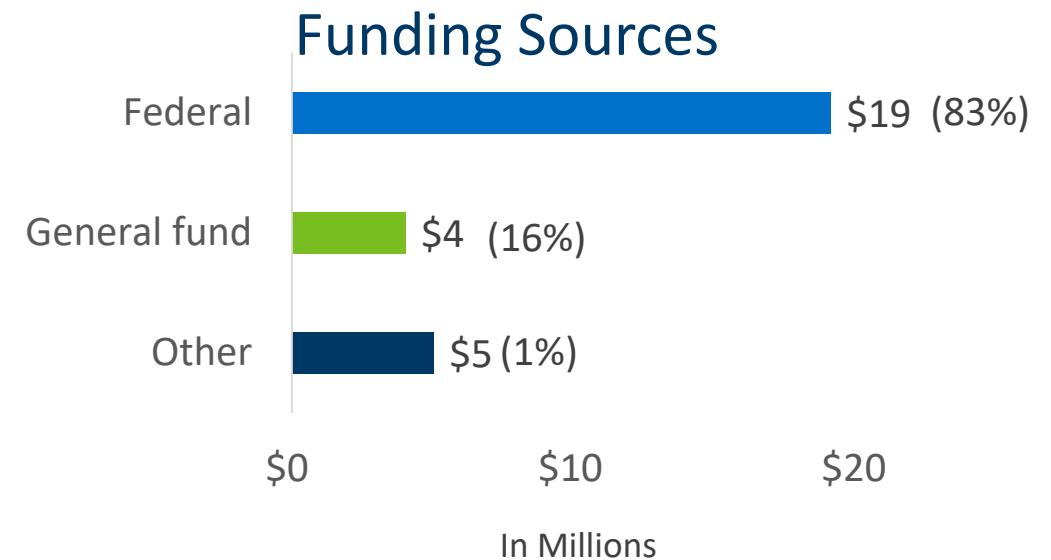


# The Work of MDH



- Comprehensive family planning counseling and a method provided to 15,485 people.
- Nutrition service for over 162,000 pregnant women, infants and young children.
- Home visiting services for 7,000 at-risk families.
- Over 22,00 developmental screens for infants and young children, resulting in 2,000 referrals to needed supports and services.
- Infant mortality decreased by 39% since 1990.
- Teen pregnancies decreased by 72% in the last 18 years.

## 29% of agency budget

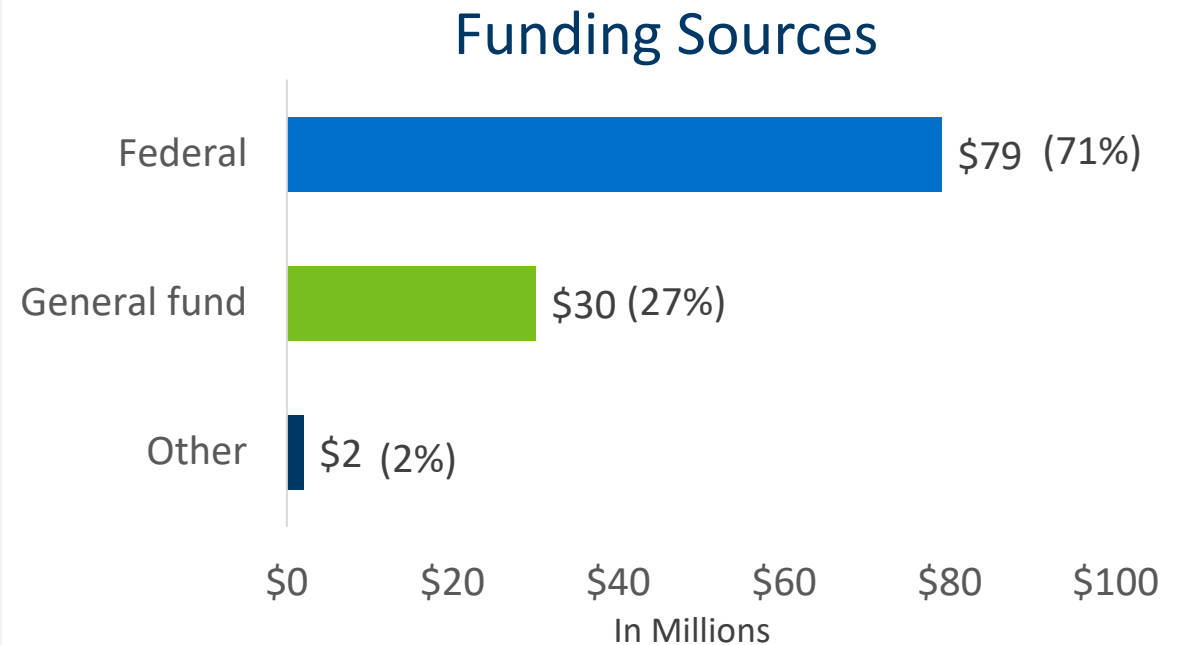


# Health Promotion and Chronic Disease

FY 2024-2025

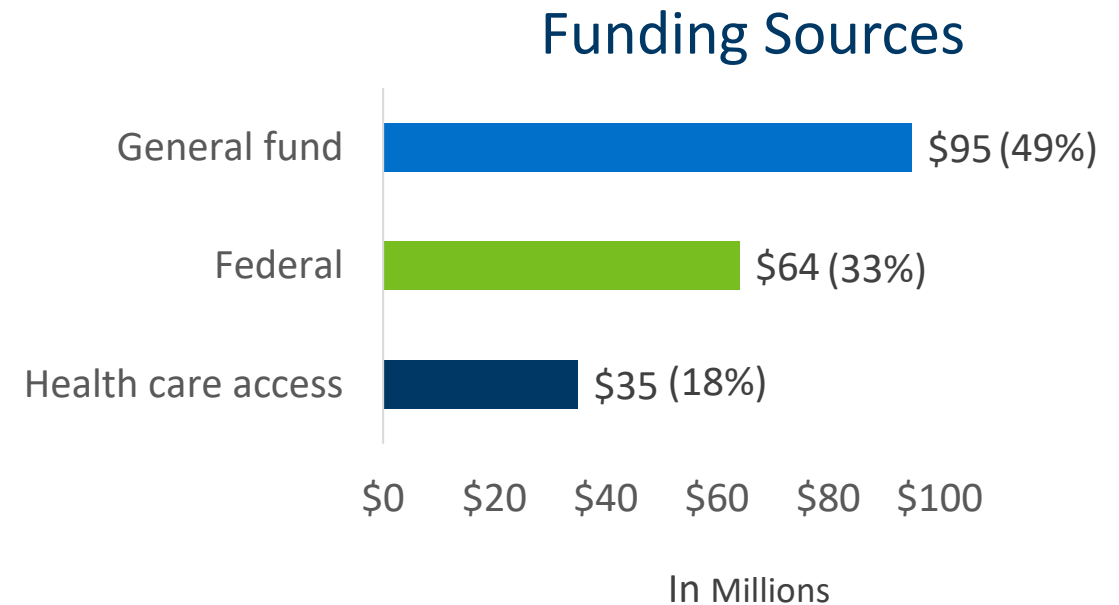
- Screened 7,300 low-income women for breast and/or cervical cancer in 2022
- Registered 39,068 new cancer cases with the statewide cancer reporting system in 2019.
- Served 10,101 Minnesotans with a traumatic brain or spinal cord injury in 2021.
- Enrolled 25,926 Minnesotans in a diabetes prevention program (proven 58% effective) since 2013.
- Managed 44,319 calls through the state's poison control system in 2021.

7% of agency budget



- Support 51 community health boards.
- Support implementation of Statewide Health Improvement Partnership in all 87 counties and with 10 tribal nations, including 5,250 partners such as schools, worksites, health care organizations, early childhood sites and communities.
- Provide support and guidance on reducing health disparities to more than 150 community-based organizations.
- Coordinate emergency preparedness and response activities between MDH, community health boards, and 8 regional health care preparedness coalitions.
- Collect, analyze, and communicate health-related data.

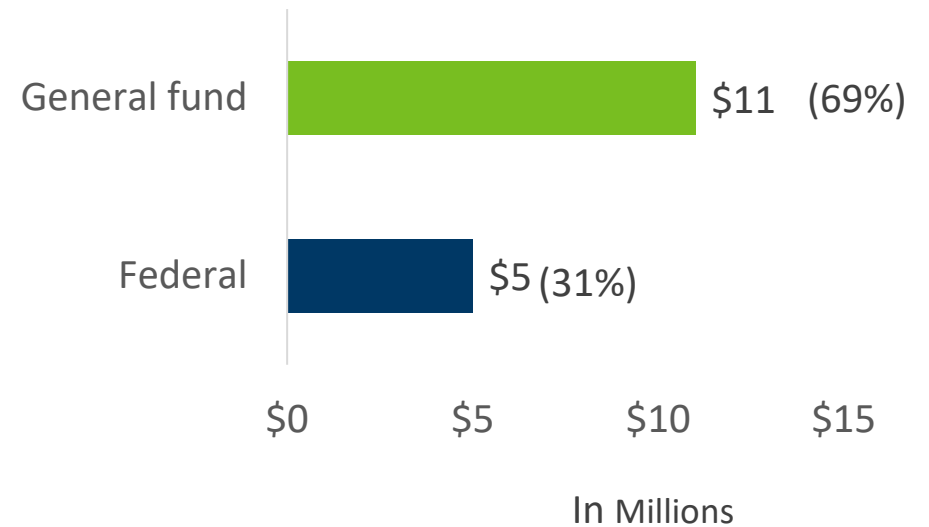
## 13% of agency budget



- Fund over 160 community -based organizations, Tribal nations, and other partners to support community health, emergency preparedness, and elimination of health disparities.
- Conducted over 200 community engagement and outreach activities each year.
- Provided services to 13,588 Minnesotans through the Community Solutions grant program.
- Provided services to over 700,000 Minnesotans through the Eliminating Health Disparities Initiative.
- Provide internal capacity building, support, and guidance to embed an equity focus to the work of MDH.

## 1% of agency budget

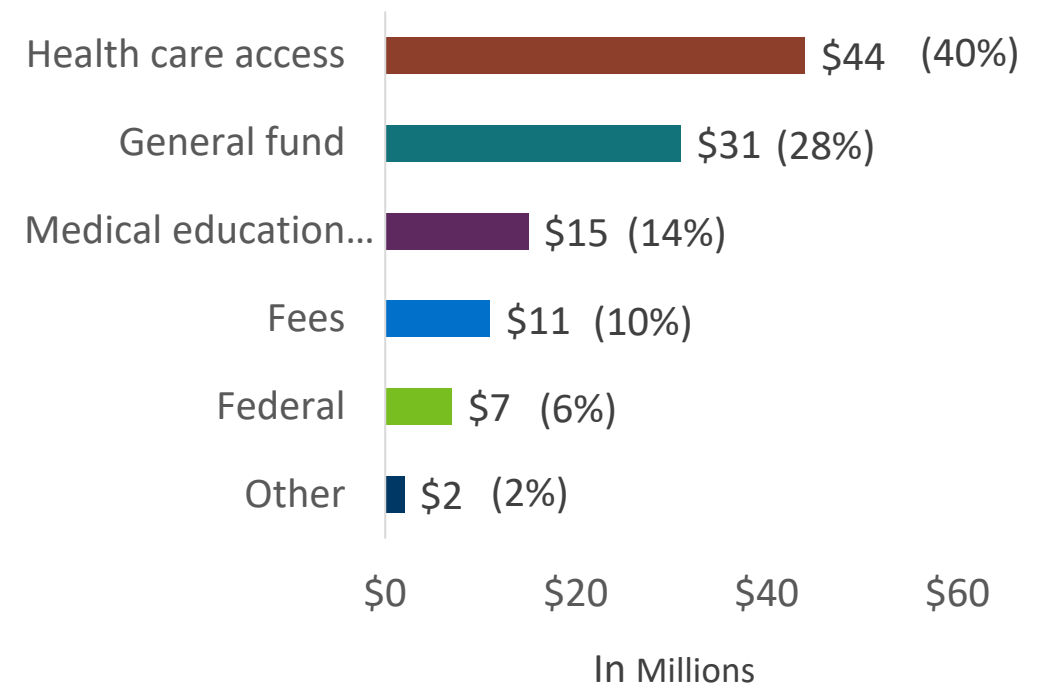
### Funding Sources



- Certify and train 411 Health Care Homes statewide, nearly 60% of all primary care clinics, to provide high quality, patient-centered, whole-person care.
- Register more than 63,000 births and 51,000 deaths annually.
- Contributed to the increased use and exchange of electronic health records from 45% in 2013 to 85% in 2019.
- Support research on health policy impacts.
- Award more than \$70 million in grants and loan forgiveness to support rural and underserved communities annually.
- Monitor 12 health maintenance organizations and three county-based purchasing organizations that provide health care to 1.1 million Minnesotans.

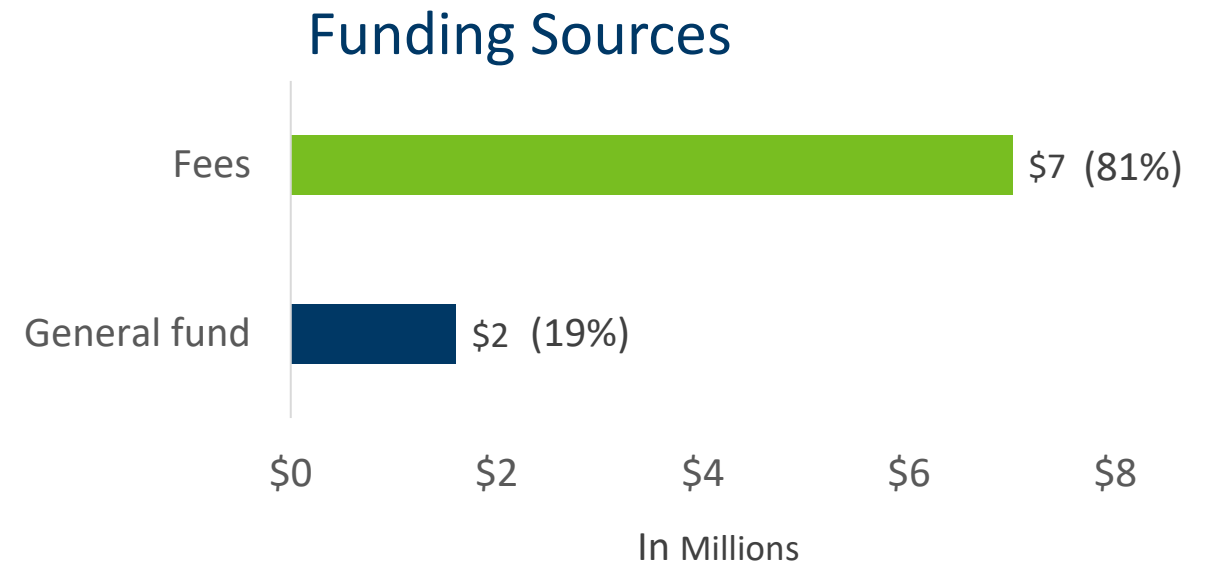
## 7% of agency budget

### Funding Sources



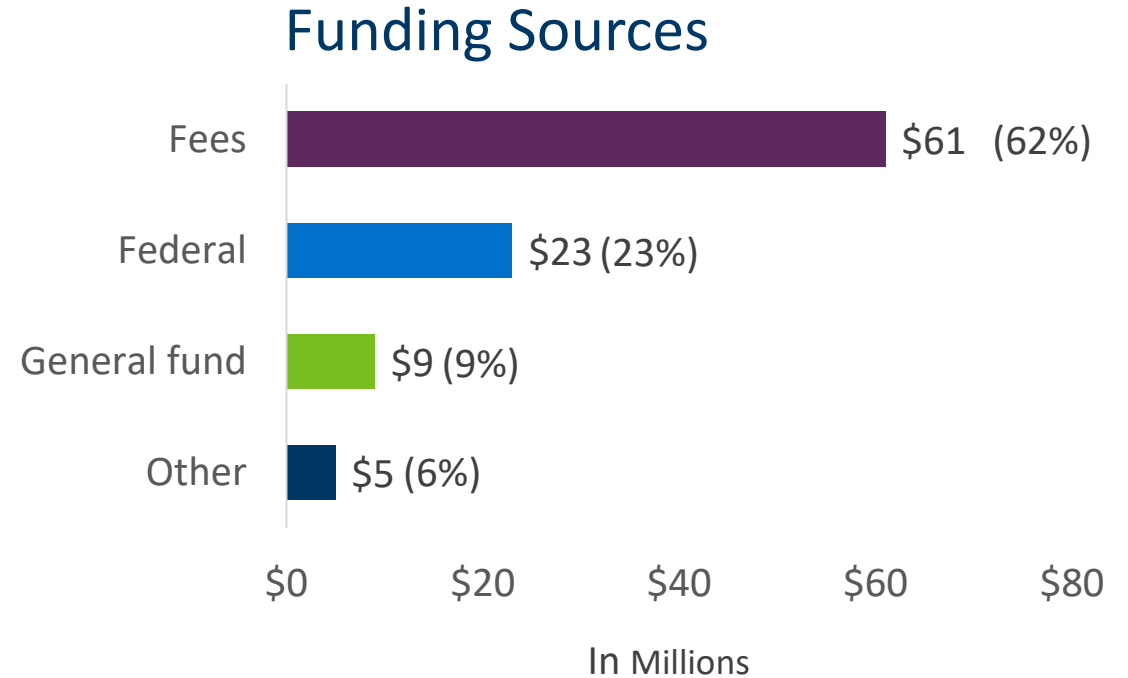
- Increased patient registry enrollment from 1,613 in 2016 to nearly 40,000 in 2022.
- Authorized 2,303 health care practitioners to certify patients as of January 2023.
- Added dried raw cannabis flower, gummies and chews to allowable delivery mechanisms in 2022.
- Oversee two manufacturers and 14 cannabis patient centers in Minnesota.
- By August 2023, 19 conditions will qualify for medical cannabis. New conditions added in 2022 that will go into effect in August 2023 are irritable bowel syndrome and obsessive-compulsive disorder.

## Less than 1% of agency budget



- Test drinking water at more than 7,000 public water systems.
- Ensure safe food, drinking water, lodging, and swimming pools in 24,000 establishments statewide.
- Support reduced indoor radiation exposure for over 11,000 facilities and individual contractors.
- Certify 12,000 food managers each year and support 36,000 active food managers.
- Regulate annually the installation of 6,000 new wells and the sealing of 7,000 wells no longer in use.

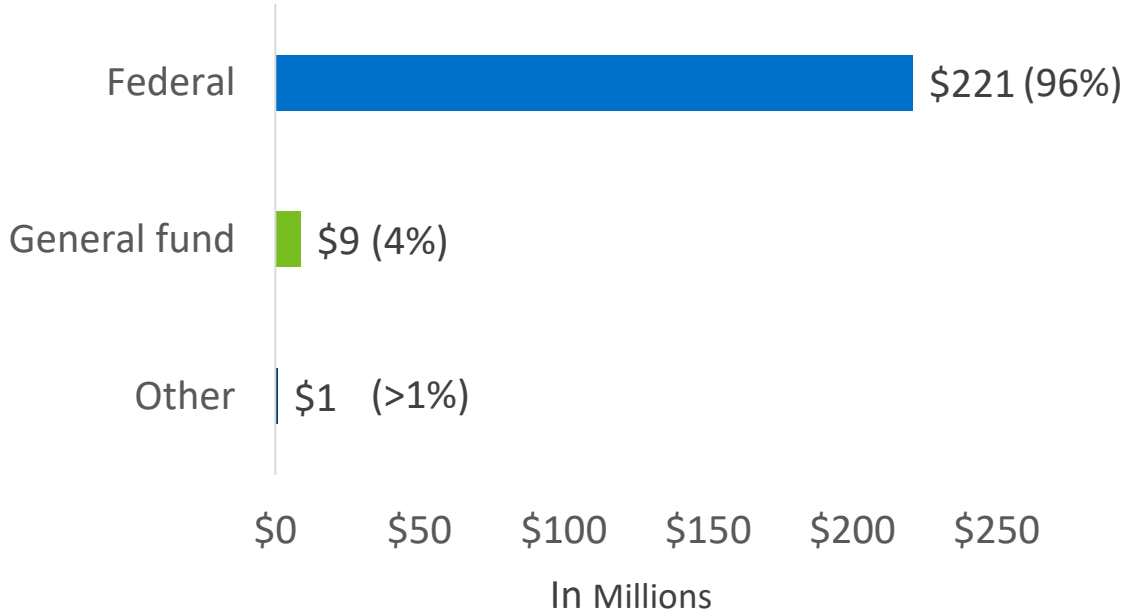
## 6% of agency budget



- Collect, analyze and post daily COVID-19 data on testing, number of positive cases, hospitalizations, and deaths. Led case investigation and contact tracing for COVID-19.
- Maintain a 24/7 system to detect, investigate, and control diseases such as measles, bacterial meningitis, E. coli, rabies, Salmonella, Ebola, and monkeypox.
- Investigated 1,472 syphilis cases and tested 6,683 individuals for HIV in 2021.
- Coordinate a program that provides free vaccines to one in every three children in Minnesota.
- Assisted over 1,200 Afghans with medical intakes upon arrival to Minnesota (2021 – 2022).

## 15% of agency budget

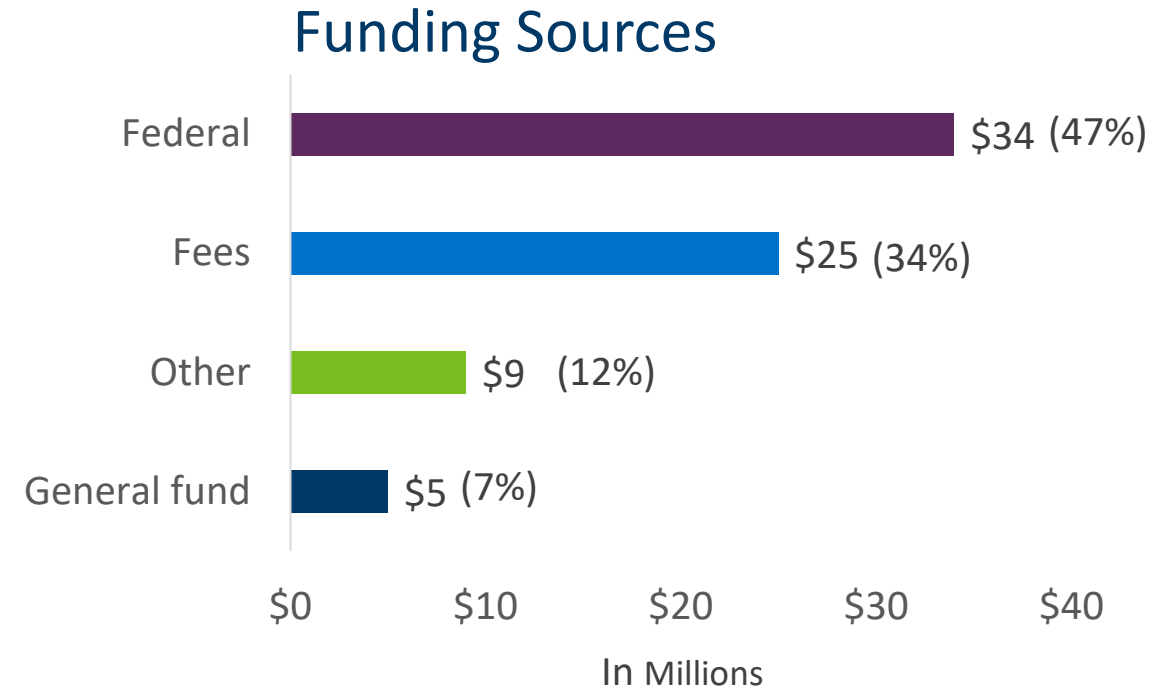
### Funding Sources





- Received over 42,000 samples and performed over 120,000 analyses to test for contaminants in the environment and to evaluate exposures to contaminants in people in FY22.
- Completed over 110,000 tests on more than 79,000 samples for viruses and other microbes, including over 57,000 COVID tests in FY22.
- Screened 64,442 newborns for hearing loss and 61 rare treatable disorders in FY22.

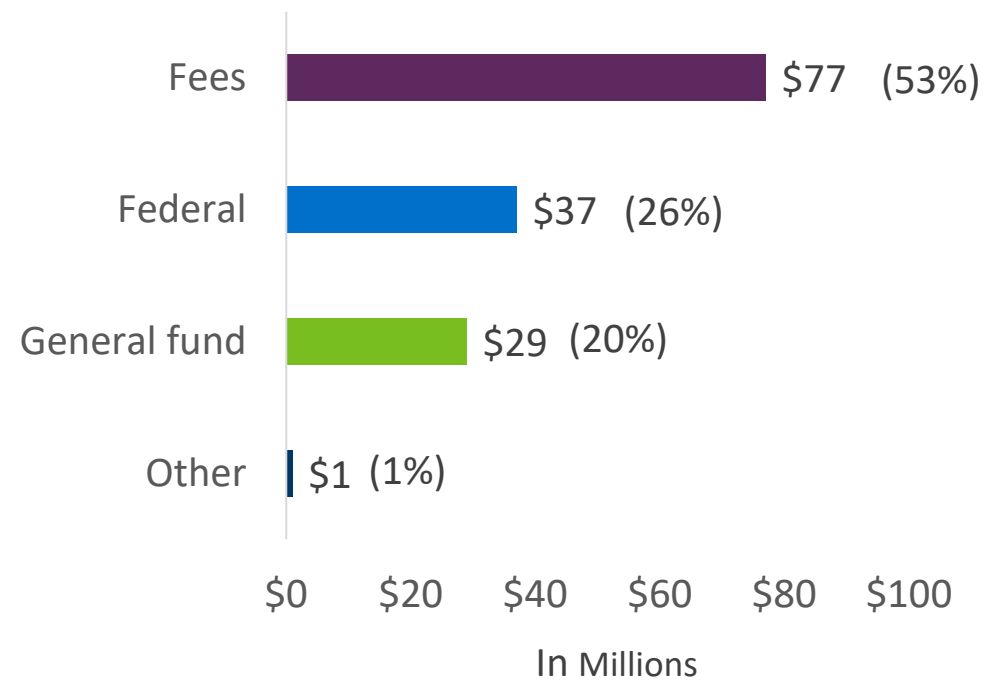
## 5% of agency budget



- Monitor nearly 5,100 health care facilities and providers for safety and quality.
- Review qualifications and regulate more than 9,500 health professionals.
- Maintain a registry of nearly 47,000 nursing assistants.
- Inspect 535 funeral establishments and 82 crematoriums and license 1,035 morticians.
- Register more than 2,500 spoken language health interpreters.

## 9% of agency budget

### Funding Sources



- Manage 10 MDH facilities
- Provide human resource services to over 1,800 employees.
- Provide information technology services support for 250 software applications, 256 servers, and 2,070 users.
- Process over 25,000 payment transactions, 2,500 grant agreements, and 575 contracts annually.
- Prepare 45 separate legislatively mandated reports.
- Receive 2,175 media inquiries and tens of millions of website visitors.

7% of agency budget

