

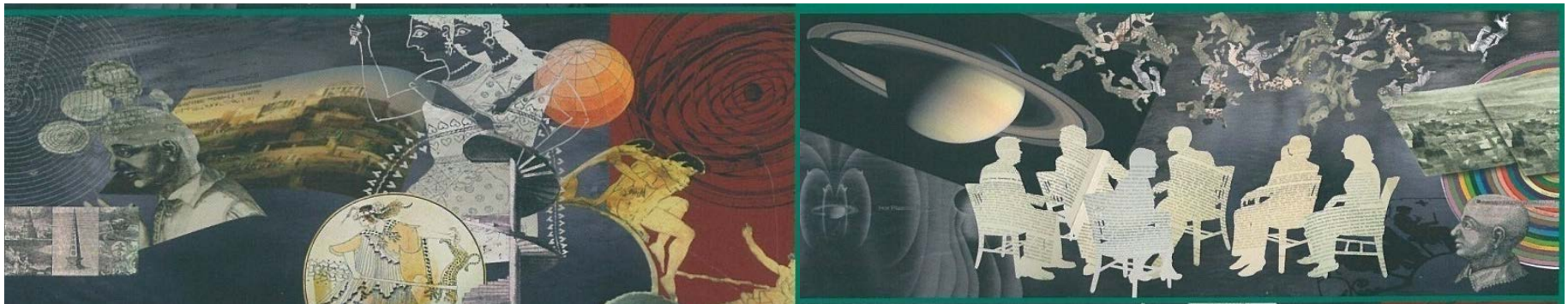
Minnesota Department of Health Overview

House Health and Human Services Finance Fiscal Year 2018-2019 Base Budget

Edward P. Ehlinger, MD, MSPH
Commissioner of Health
January 11, 2017

“When health is absent, wisdom cannot reveal itself, art cannot become manifest, strength cannot fight, wealth becomes useless, and intelligence cannot be applied.”

Herophilus of Chalcedon, 335-280 BCE
Physician to Alexander the Great



Minnesota is a healthy state

Health care system: #1

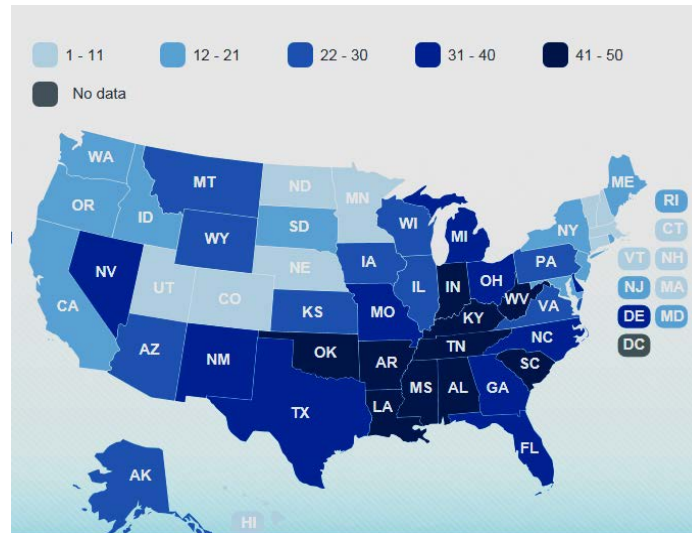
Health of seniors: #1

Life expectancy: #2

Well-being index: #3

Infant mortality: #4

Life expectancy after age 65: #6



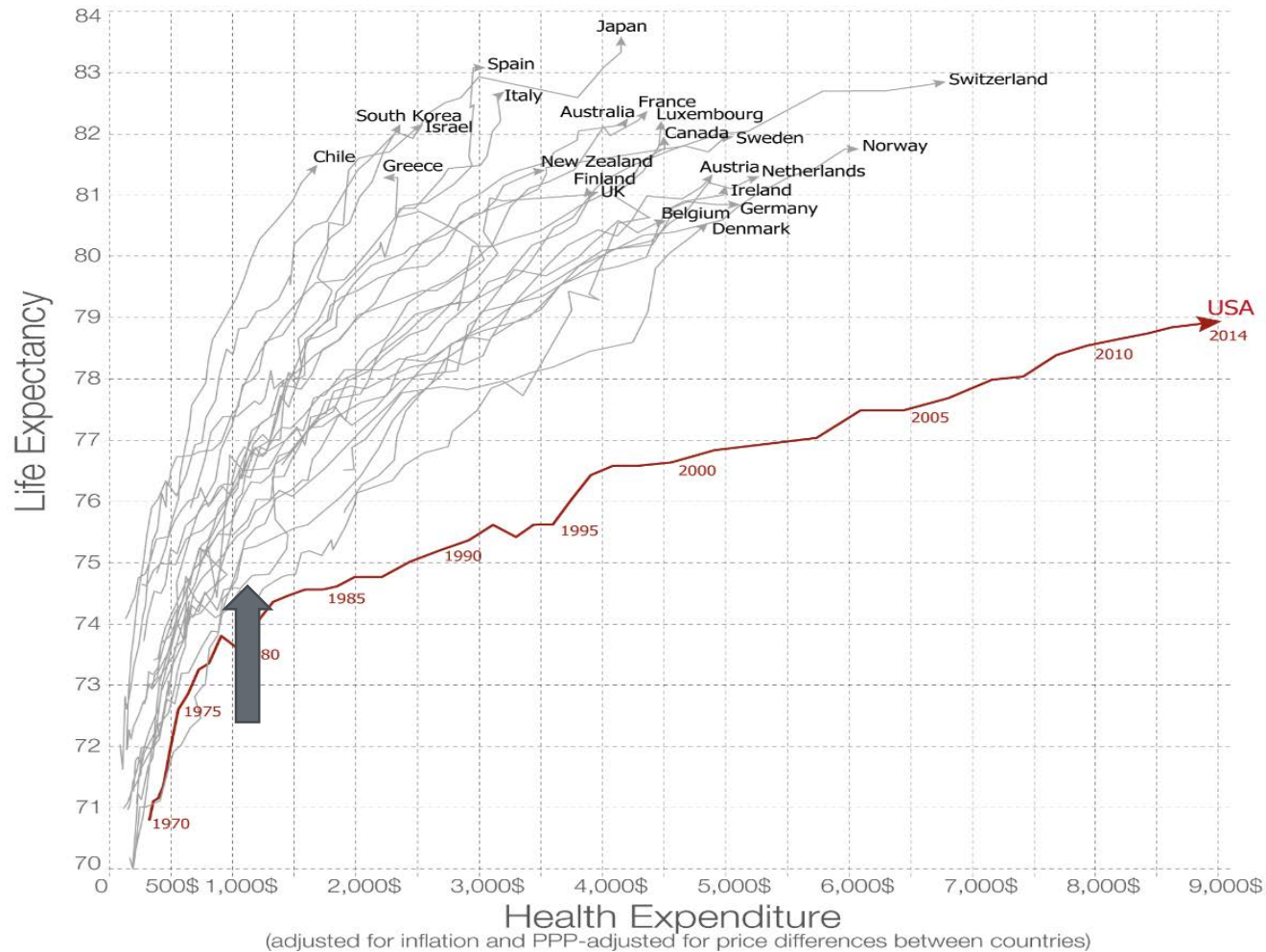
State Health Ranking – MN #4

MN – Best Place to Retire

Healthiest Cities Rank – Minneapolis #1

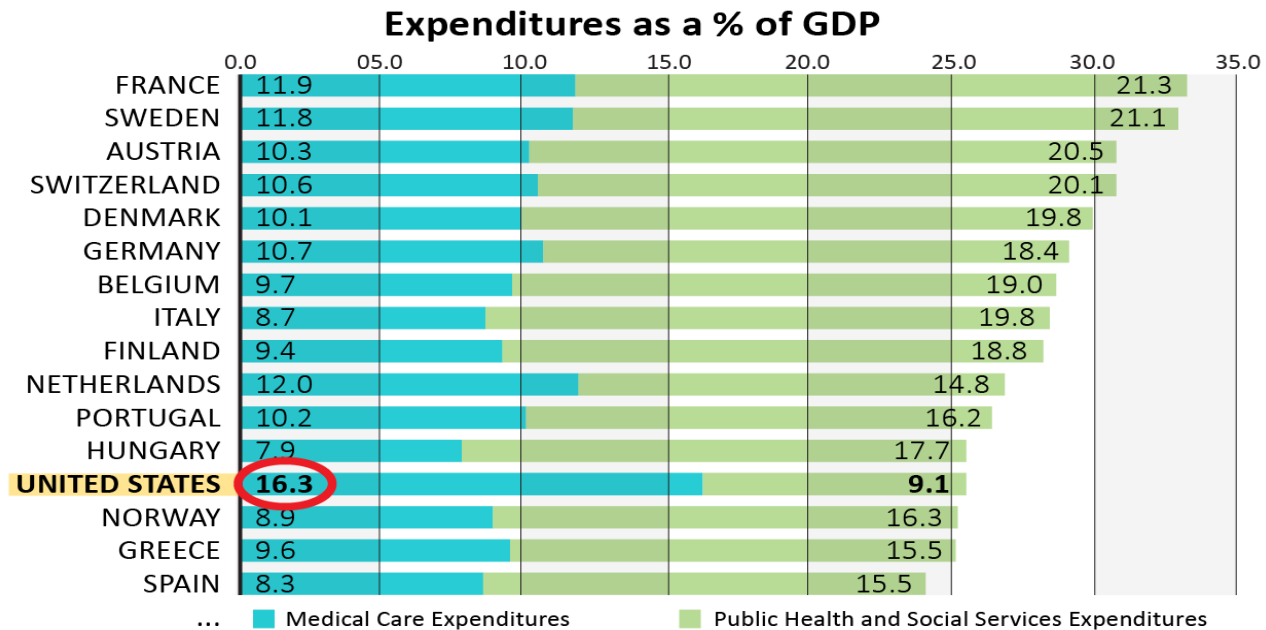
Life expectancy vs health expenditures

U.S. and OECD Countries 1970 - 2014



Data source: Health expenditure from the OECD; Life expectancy from the World Bank. Licensed under CC-BY-SA by the author Max Roser. The data visualization is available at OurWorldinData.org and there you find more research and visualizations on this topic.

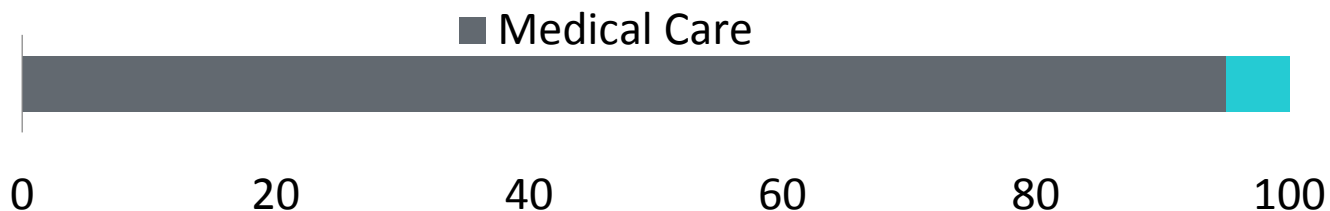
Total Investment in Health and Human Services



In OECD, for every \$1 spent on health care, about \$2 is spent on social services.

In the U.S., for every \$1 spent on health care, about 55 cents is spent on social services.

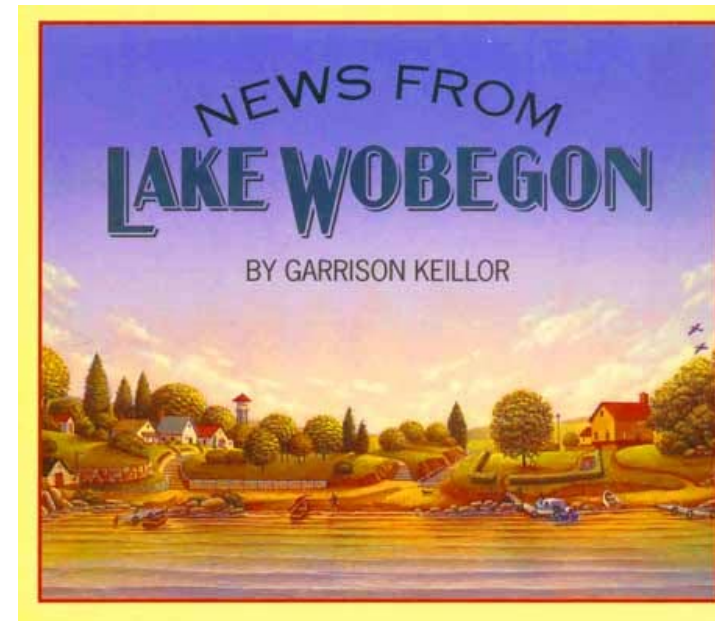
Distribution of Resources



Minnesota!

Where the women are strong,
The men are good looking,
And all our health statistics
are above average –

Unless you
are a person
of color or
an American
Indian.

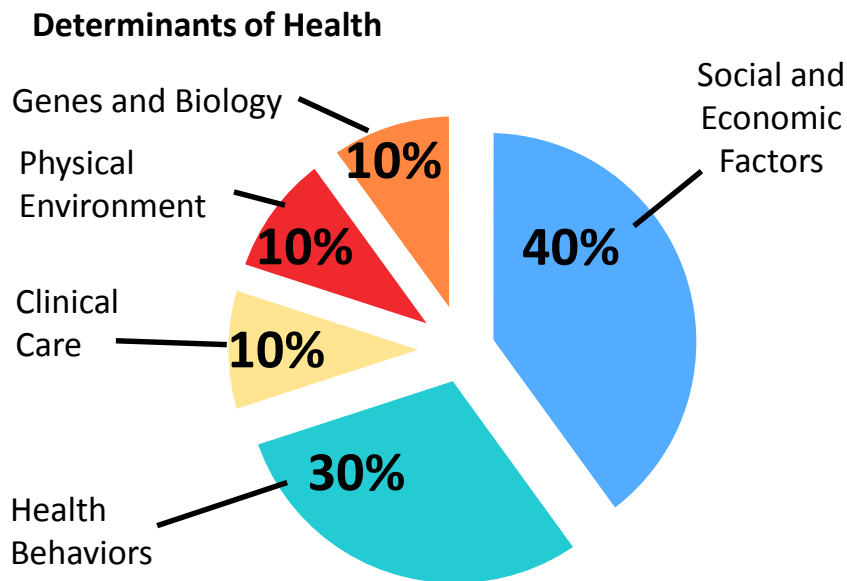


**Advancing health and health equity is not about averages.
It's about creating opportunities
for everyone to be healthy.**



*The opportunity to be healthy is not equally
available everywhere or for everyone.*

Expand the Understanding of What Creates Health



Necessary conditions for health (WHO)

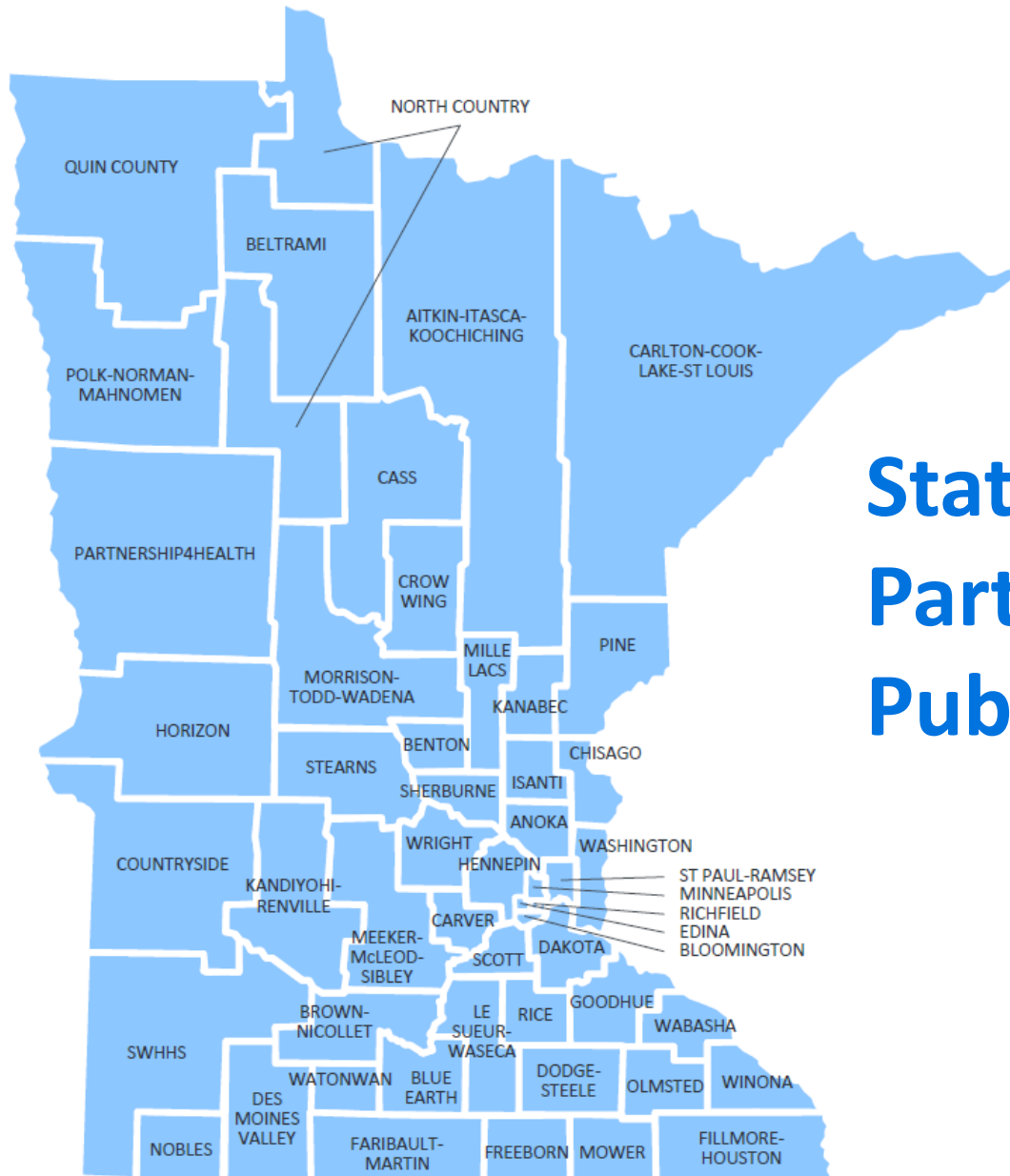
- **Peace**
- **Shelter**
- **Education**
- **Food**
- **Income**
- **Stable eco-system**
- **Sustainable resources**
- **IT connectivity**
- **Mobility**
- **Health Care**
- **Social justice and equity**

Determinants of Health Model based on frameworks developed by: Tarlov AR. *Ann N Y Acad Sci* 1999; 896: 281-93; and Kindig D, Asada Y, Booske B. *JAMA* 2008; 299(17): 2081-2083.

World Health Organization. Ottawa charter for health promotion. International Conference on Health Promotion: The Move Towards a New Public Health, November 17-21, 1986 Ottawa, Ontario, Canada, 1986. Accessed July 12, 2002 at <http://www.who.int/hpr/archive/docs/ottawa.html>.

Minnesota Community Health Boards, Effective January 1, 2017

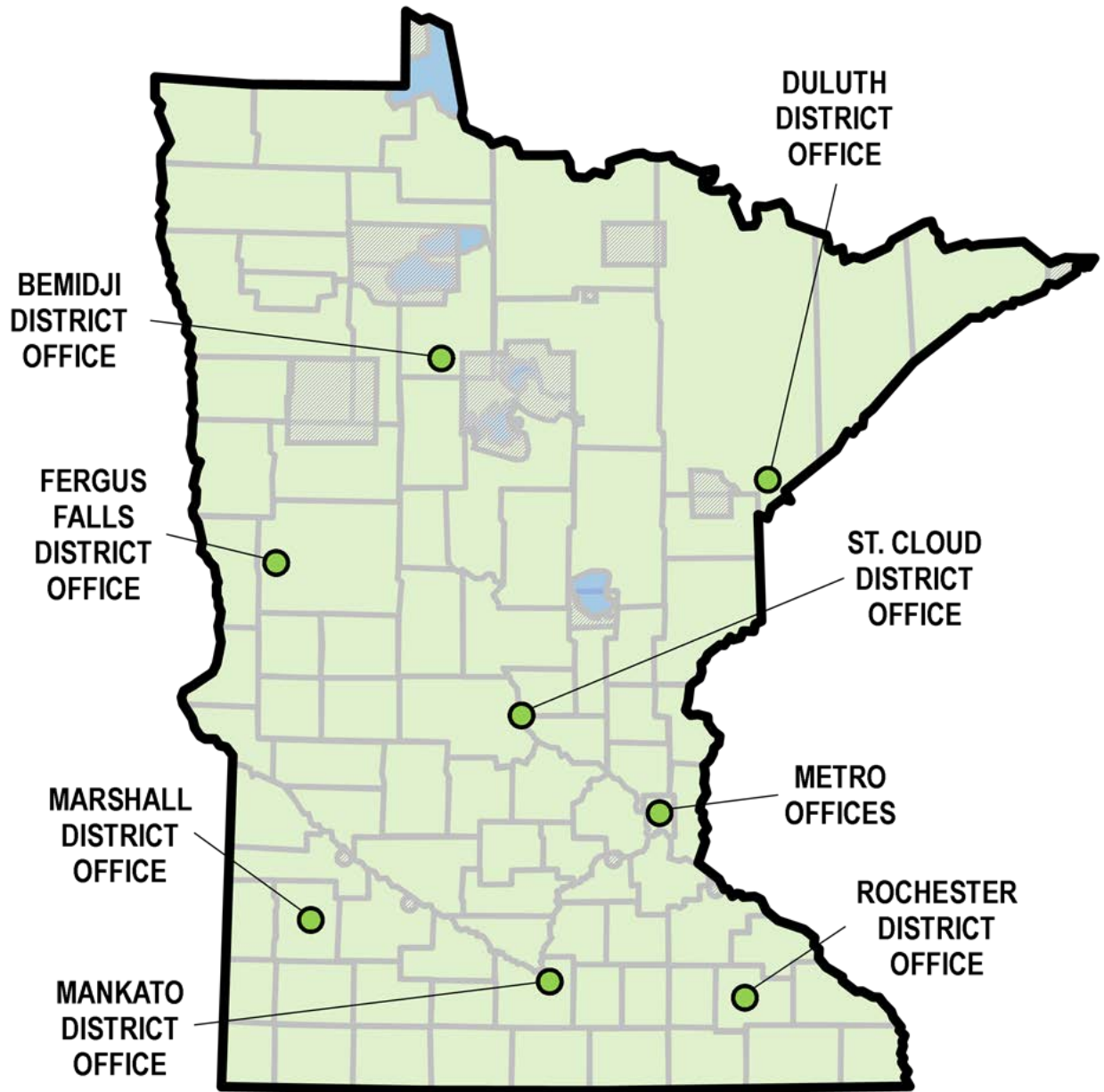
See reverse for community health board map



State and Local Partnership for Public Health

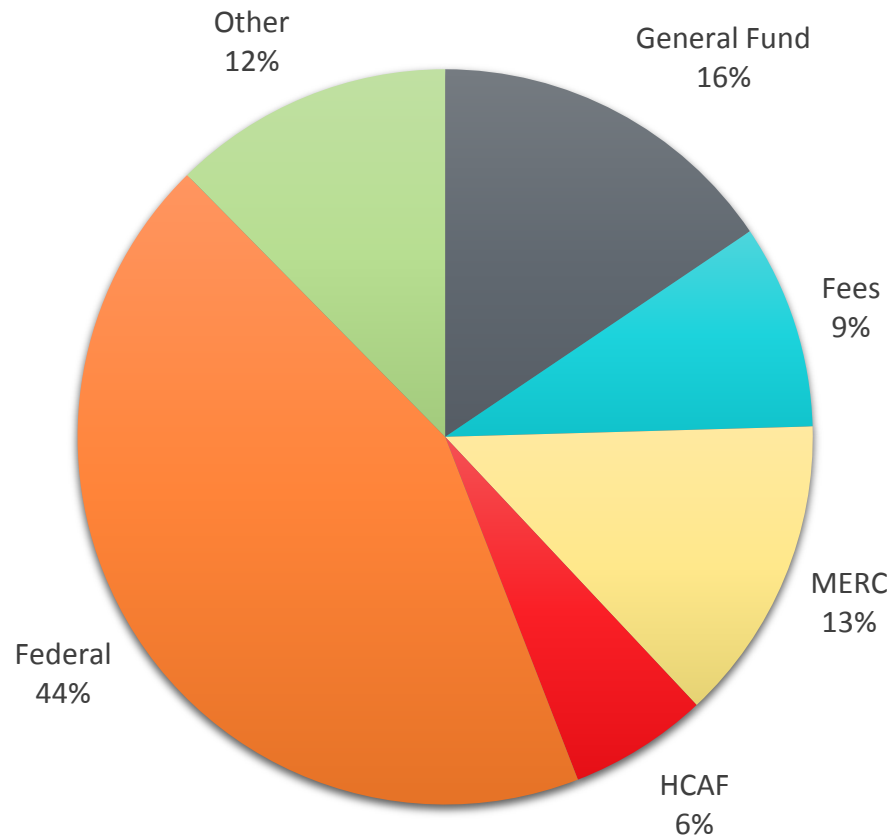


MDH District Offices



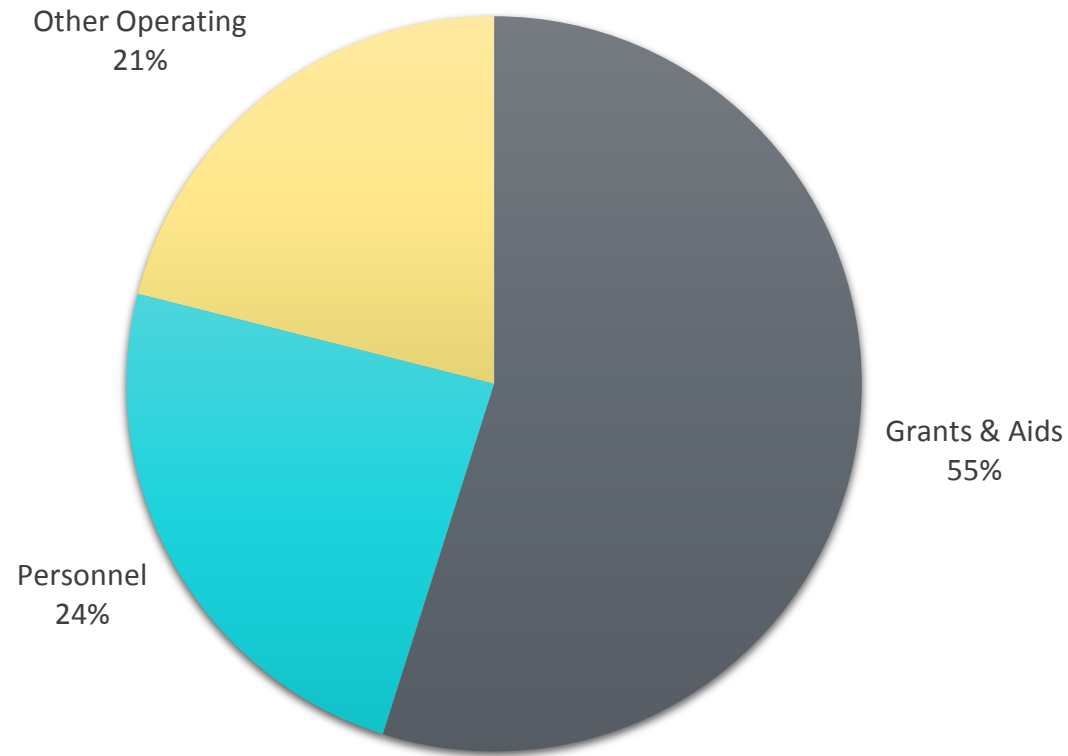
MDH Base Budget

FY 2018-19
\$1.2 billion



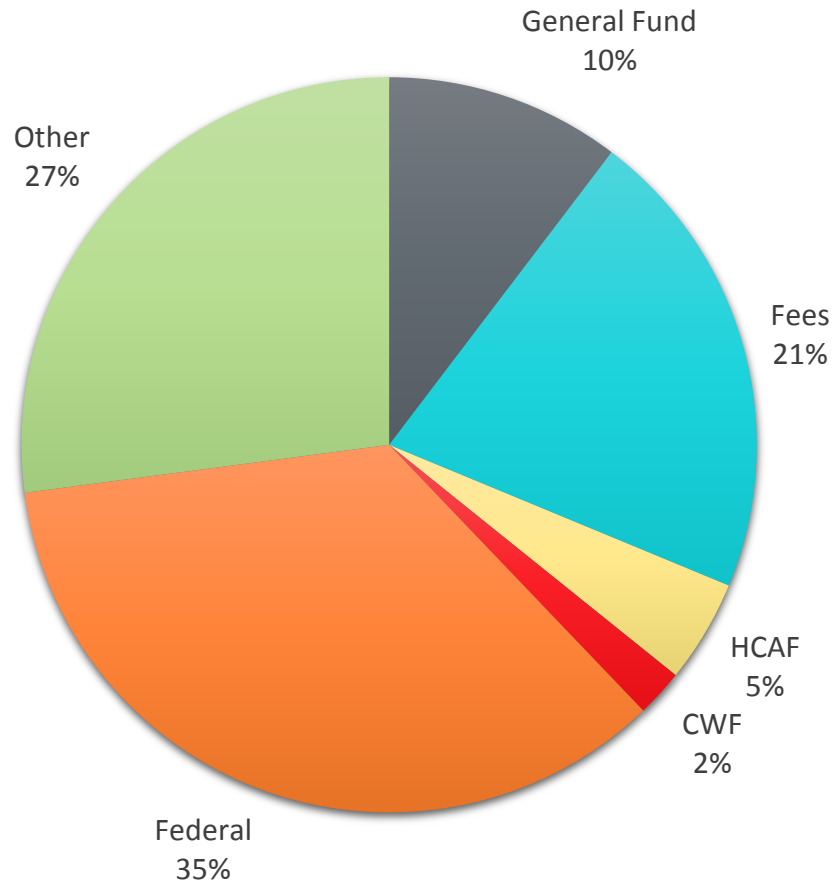
Spending by Category

FY 2018-19 Base
\$1.2 billion



Staffing by Fund

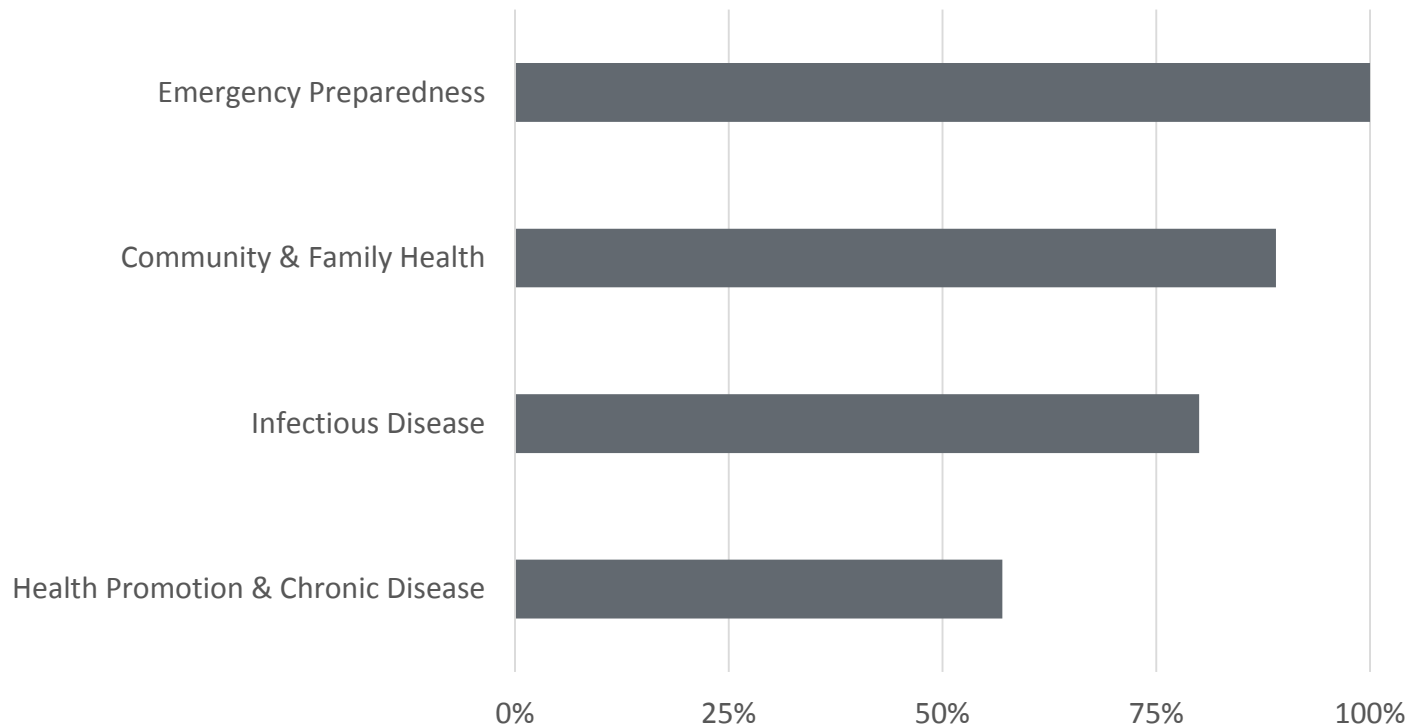
FY 2016
1,400 FTEs



Sources of Direct Federal Funding FY 2016-17

Federal Agency	Amount	%
Women, Infants, and Children – U.S. Dept. of Agriculture	\$247 million	50%
Centers for Disease Control & Prevention (60 awards)	\$136 million	27%
Health Resources and Services Administration (16 awards)	\$50 million	10%
U.S. Department of Health & Human Services, other (12 awards)	\$33 million	7%
Centers for Medicare and Medicaid Services (3 awards)	\$20 million	4%
Environmental Protection Agency (9 awards)	\$9 million	2%
Other agencies (2 awards)	\$3 million	1%
Total	\$500 million	100%

MDH Programs Most Reliant on Federal Funding



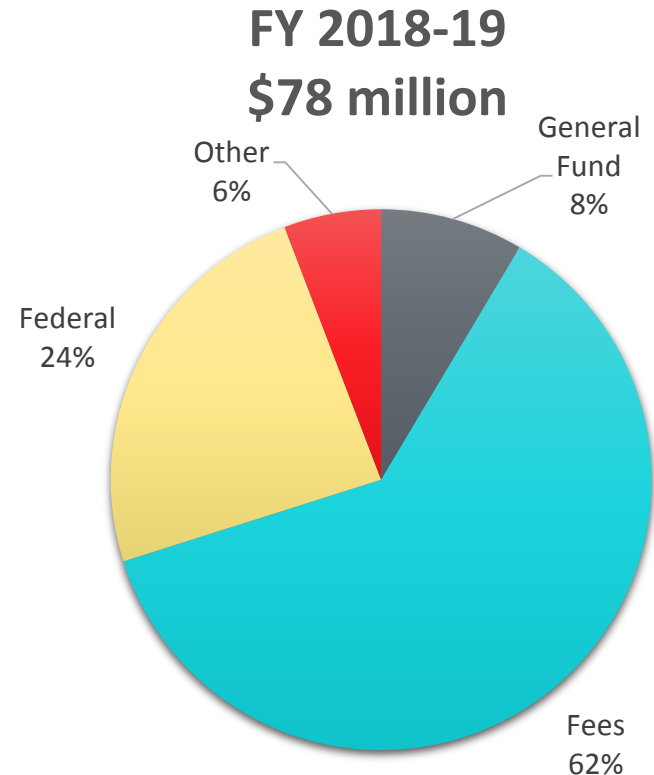
Health Protection Work in Action

Protecting residents from chemical contamination in ground water



Environmental Health

- Test drinking water at more than 7,000 public water systems
- Ensure safe food, drinking water, lodging, and swimming pools in 23,000 establishments statewide.
- Test private wells and issue drinking water advisories in areas with contaminated groundwater.
- Provide education and assistance with environmental pollutants, asbestos, lead, indoor arenas, Minnesota Clean Indoor Air Act, radon, and indoor environmental quality in schools.



Base Budget

2016 FTEs: 286

*Base does not include Clean Water Fund

Health Protection Work in Action

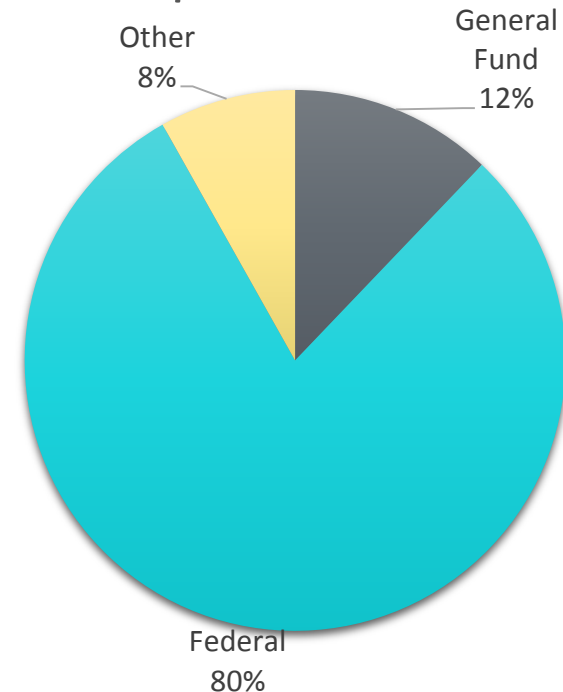
Protecting Minnesotans from
a new infectious disease threat



Infectious Disease

- Investigated 203 intestinal disease outbreaks in 2015. Played key role in solving numerous multi-state foodborne illness outbreaks.
- Responded to 1,200 calls from health care providers and the public regarding Zika, resulting in nearly 900 specimens received.
- Investigated nearly 5,500 tickborne disease reports in 2015.
- Provided vaccines to one in every three children in Minnesota.
- Managed treatment for 151 new tuberculosis cases and evaluated 685 new case contacts in 2013.
- Coordinated health screenings for 2,165 newly arrived refugees in 2015.

FY 2018-19
\$65 million

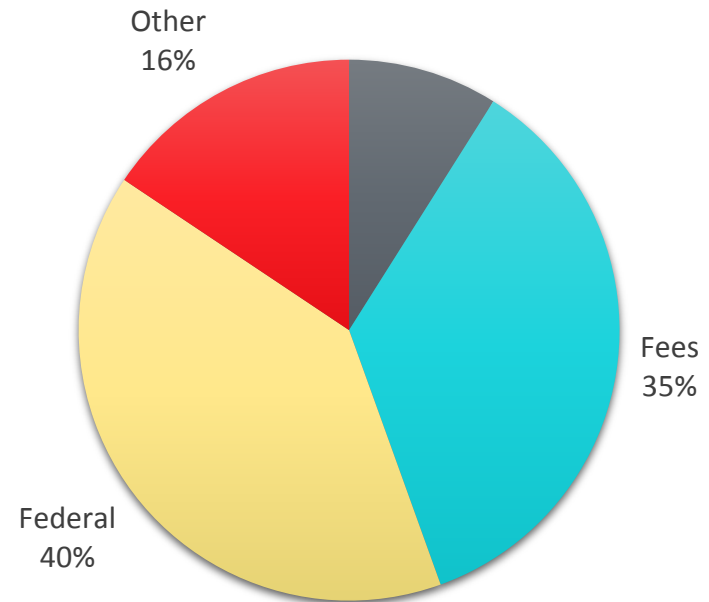


Base Budget
2016 FTEs: 175

Public Health Laboratory

- Performed 139,529 analyses on 41,458 samples for environmental contaminants such as pharmaceuticals, hazardous chemicals, and radioactive substances (FY 2016).
- Performed 128,750 tests on 43,950 samples for viruses and other germs such as *Salmonella*, *Ebola*, and *Zika* (FY 2016).
- Screened more than 68,000 newborn babies for more than 50 rare disorders including hearing loss and critical congenital heart disease.
- Designated as a Genome Tracker site by the US FDA in 2013; selected as an Ebola testing site by US CDC; selected in 2016 as a reference laboratory for the Antimicrobial Resistance Lab Network.

FY 2018-19
\$53 million



Health Systems Work in Action

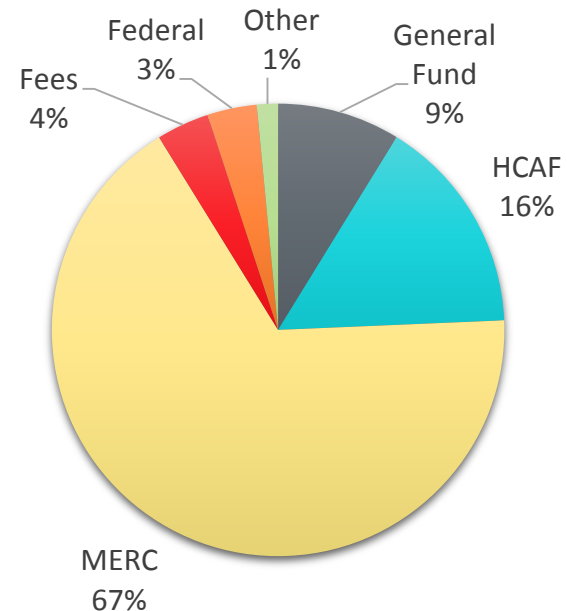
Shining a light on the hidden costs of chronic disease



Health Policy

- **Oversee issuance of more than 600,000 birth and death certificates each year in collaboration with local registrars.**
- **Certified 374 Minnesota primary care clinics as health care homes, providing high-quality, coordinated care to 3.7 million Minnesotans and saving more than \$1 billion over five years.**
- **Provided health economics data and analysis through 11 reports/issue briefs, 19 public presentations, 30 media requests/events, and over 100 requests for public data (2016).**
- **Issued 889 grants totaling nearly \$78 million to health care, social service, and local public health organizations (2016).**
- **Monitor health care quality and safety through the Statewide Reporting and Measurement System, the statewide trauma system, and the Adverse Health Events system.**

**FY 2018-19
\$236 million**



Health Systems Work in Action

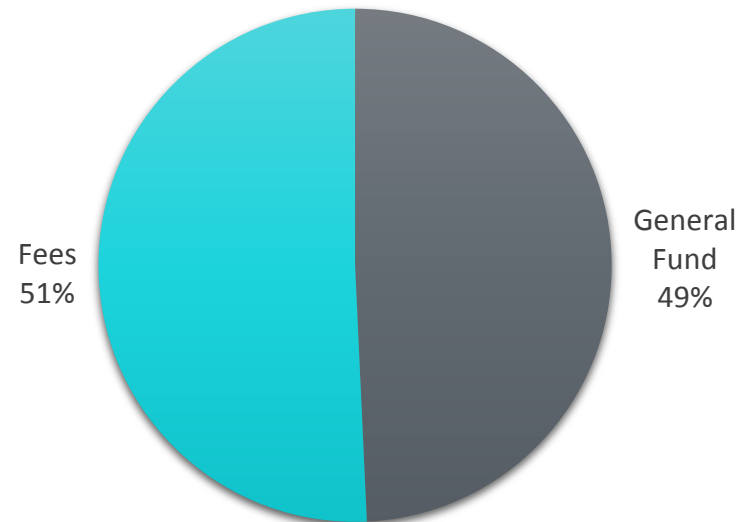
Offering a new treatment option
of suffering Minnesotans



Medical Cannabis

- **Approved the enrollment of 5,046 patients (4,097 currently active) and 455 caregivers in the registry (1/6/2017)**
- **Authorized 792 health care practitioners to certify patients (1/6/2017).**
- **Oversee two manufacturers and eight cannabis patient centers, which received over 2,000 patient visits in September 2016.**
- **Responded to 26,835 calls to the call center in the first year of program operation.**
- **Added intractable pain as a qualifying medical condition in 2016 and will add PTSD as a qualifying condition in 2017.**

**FY 2018-19
\$2.8 million**



Health Systems Work in Action

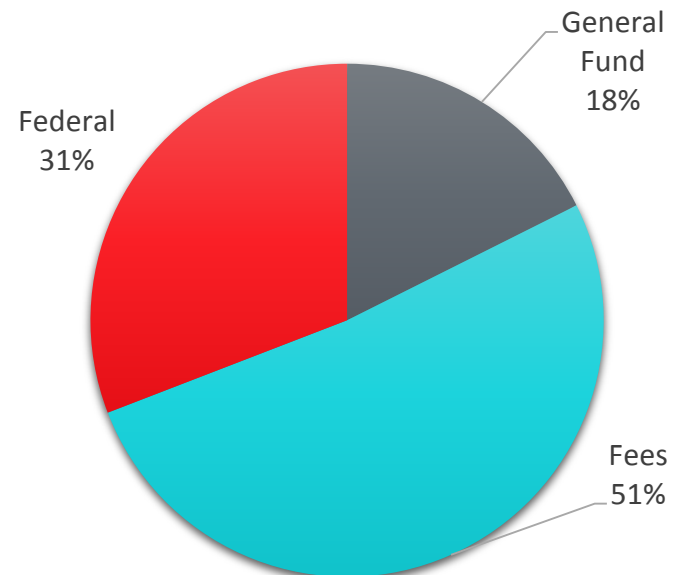
Protecting vulnerable adults from abuse



Health Regulation

- Monitor 4,200 health care facilities and providers for safety and quality.
- Review qualifications and regulate more than 6,700 allied health practitioners.
- Monitor nine HMOs and three county-based purchasing organizations that provide health care to 1.1 million Minnesotans.
- Inspect 560 funeral establishments and license 1,300 morticians.
- Review more than 200,000 federal nursing home resident assessments to ensure accurate billing for services.
- Register more than 3,400 spoken language health interpreters and more than 60,000 nursing assistants.

FY 2018-19
\$49 million



Health Improvement Work in Action

Fighting diabetes before it starts



Health Improvement Work in Action

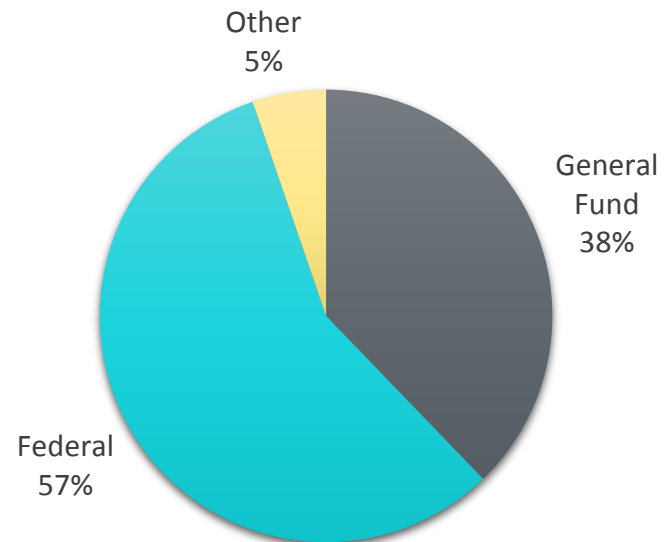
Raising the alarm about the
crisis of opioid addiction



Health Promotion & Chronic Disease

- **Worked with clinics, payers, community based organizations to screen 10,500 low income women for breast and/or cervical cancer.**
- **Address opioid epidemic: administer Naloxone program through regional EMS Directors; work with partners to influence prescribing practice; implement data-driven prevention initiatives.**
- **Trained 130 people to be Diabetes Prevention Program lifestyle coaches and to provide classes to people at risk of developing diabetes.**
- **Safe Harbor grantees worked with over 600 at-risk or exploited youth.**
- **Work with nearly 300 campus staff and sexual assault advocates from across state to share best practices to prevention and response to sexual violence and investigation and adjudication of reports.**

**FY 2018-19
\$51 million**



Health Improvement Work in Action

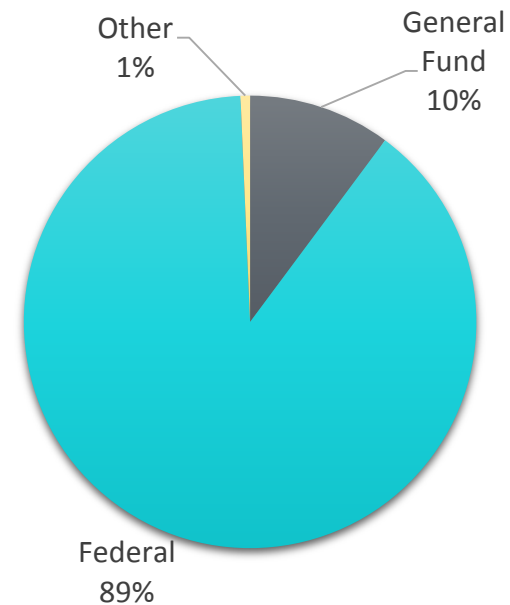
Turning the curve on obesity in Minnesota



Community & Family Health

- **Healthy food and nutrition services for over 193,000 pregnant women and young children**
- **Prenatal, parenting, child safety, and other support for more than 10,000 women**
- **Family planning counseling for more than 48,000 high risk individuals**
- **Evidence based home visiting to improve maternal and child outcomes to 3,500 families**
- **Teen pregnancy prevention efforts for more than 28,000 teens.**
- **Connect 31,000 children with special health needs to supports and services**
- **Commodity foods for over 15,000 low-income seniors**

FY 2018-19
\$356 million



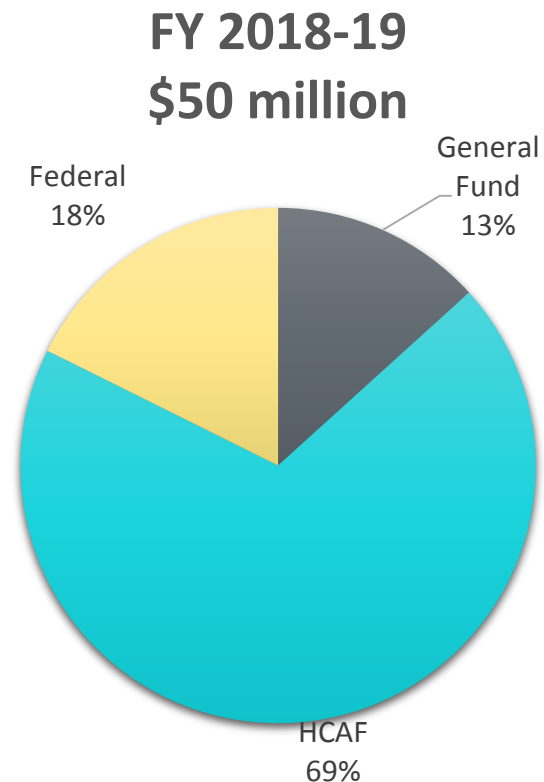
Health Improvement Work in Action

Fighting chronic disease by establishing healthy habits early in life



Statewide Health Improvement

- Supports all Minnesotans in leading healthier lives, raising healthier families, and building healthier communities by preventing disease well before it starts.
- Provides \$17.5 million per year to cities, counties, and tribes across the state to expand opportunities for active living, healthy eating, and tobacco-free living.
- Provides \$3.2 million per year to counties, tribes, and community organizations across the state to reduce tobacco use.
- Partner with 2,87 partner sites including:
 - 651 schools and school districts to expand healthy eating and physical activity reaching over 373,375 students
 - 82 communities to plan improved walkability impacting over 2 million people
 - 473 employers on workplace initiatives reaching 148,932 employees
 - 768 childcare settings reaching 9,217 children



Health Equity Work in Action

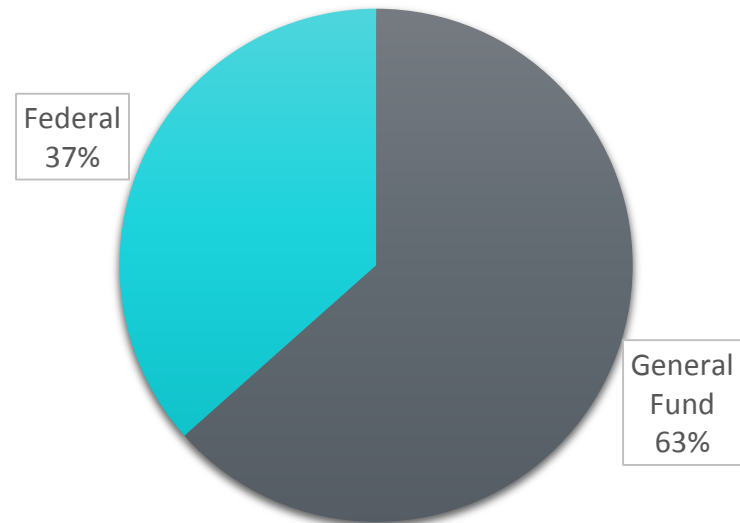
Forging connections to prevent teen pregnancies and save public dollars



Health Equity

- **Distribute \$10 million in grants each biennium to community-based organizations serving populations of color and American Indians.**
- **Eliminating Health Disparities grantees reached over 66,000 individuals directly and over 220,000 individuals indirectly (FY 2014)**
- **Provide technical assistance to more than 150 organizations from communities of color and American Indian communities.**
- **Survey 162,000 students and 15,000 adults through the Minnesota Student Survey and the Behavioral Risk Factor Surveillance System.**

**FY 2018-19
\$15 million**



Health Partnerships Work in Action

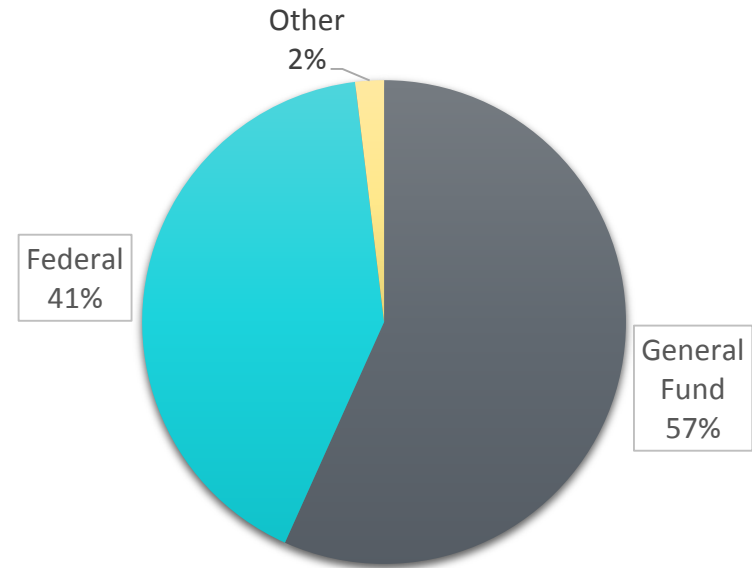
Helping protect communities across Minnesota from the health risks of flooding



Health Partnerships

- **Maintain strong and coordinated public health partnership between state and local governments.**
- **Support effective management of Minnesota's 51 community health boards.**
- **Provide \$43 million per biennium to community health boards for core public health functions like**
- **Administer \$28 million per biennium in federal preparedness and response funds.**

**FY 2018-19
\$78 million**



“Public health is what we, as a society, do collectively to assure the conditions in which (all) people can be healthy.”

*The Future of Public Health
Institute of Medicine, 1988*