



# DEPARTMENT OF HEALTH

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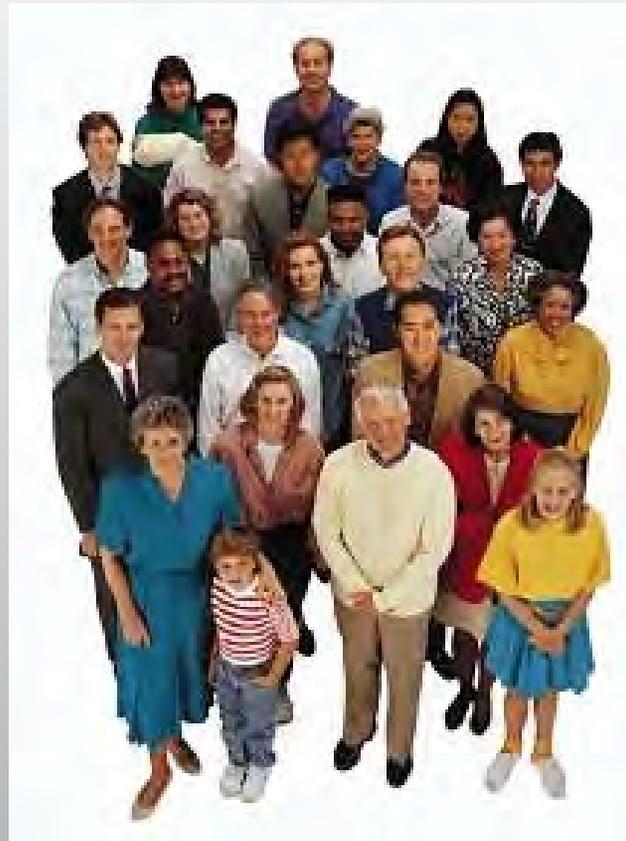
Health, Human Services and Housing Committee

Edward P. Ehlinger, MD, MSPH  
Commissioner of Health

January 14, 2013

# MDH Mission

- To protect, maintain and improve the health of *all* Minnesotans



# History of MDH

- 1858: Legislature authorized towns and cities to enact public health regulations for controlling communicable disease.
- 1866: Legislature made township board of supervisors the board of health for the township.
- 1872: Minnesota became the fourth state to establish a state board of health, behind:
  - Massachusetts, California and Virginia
- 1977: State Board of Health abolished and the Minnesota Department of Health (MDH) established.
  - Powers and duties transferred to Commissioner
- 1977: Local Community Health Service agencies established throughout the state.

# In The News



Duluth News Tribune

**Post-Bulletin**  
*If it matters to you, it matters to us*

**MINNPOST**



**StarTribune**

# MDH is where you get...

Birth and death certificates



Assurance that the dead are disposed of safely

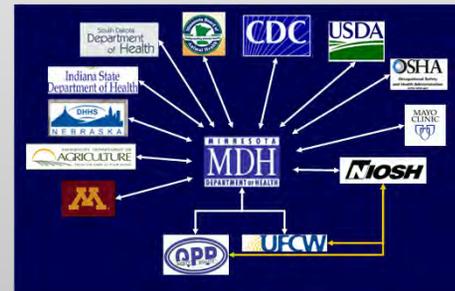


# MDH is where you get...

- Around-the-clock monitoring for infectious diseases
- Investigation into novel illnesses by working closely with partners
- A swift, effective response to disease outbreaks and public health emergencies



(MPR photo/Mark Steil)



# MDH is where you get...

- Assurance that the water you drink is clean and the food you eat is safe



- Advice about reducing risks



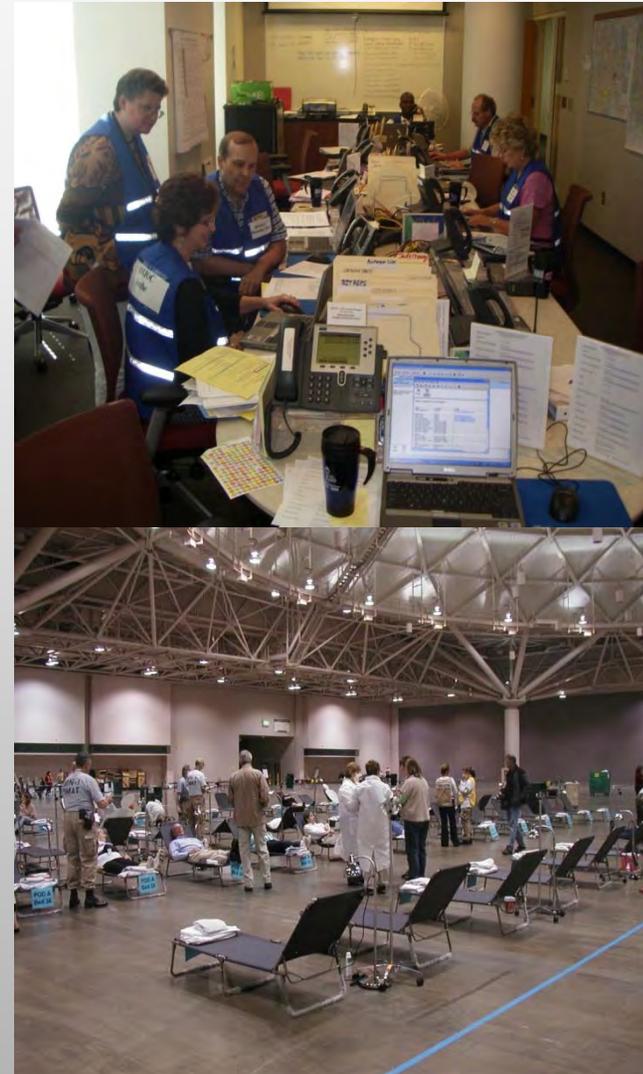
**Areas Where PFCs Exceed Health Based Exposure Levels**

This figure shows the areas within each of the three major drinking water aquifers that exceed Health Based Exposure Levels for the combined concentrations of PFCs.

Prepared by MDH 2/28/08

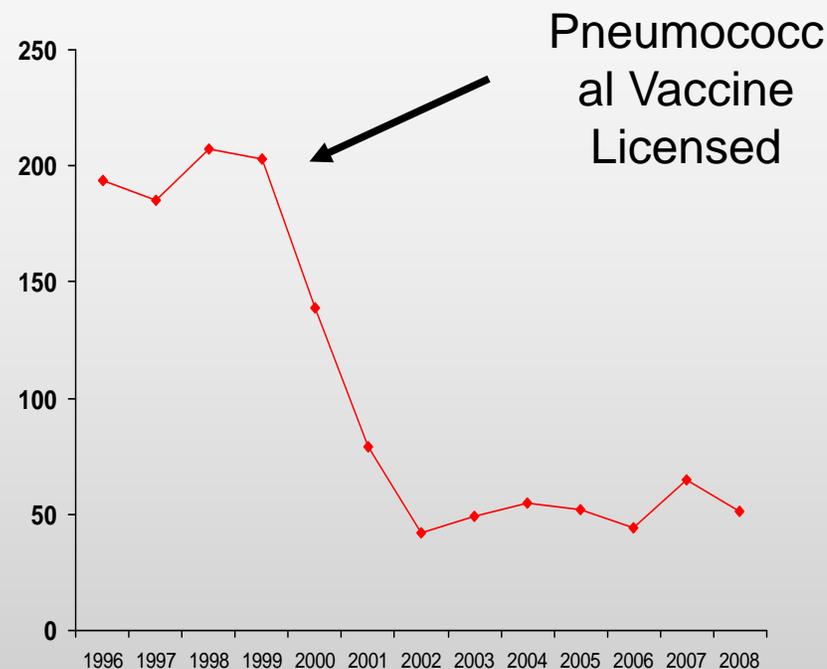
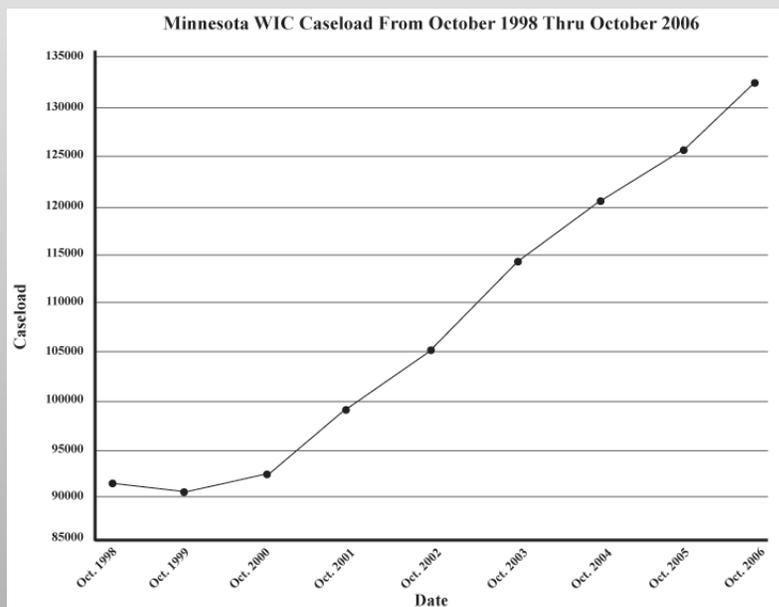
# MDH is where you get...

- Statewide preparations for responding to public health emergencies, including a possible pandemic
- Planning with hospitals and health care systems to rapidly care for large numbers of injured or ill victims



# MDH is where you get...

- An immunization program for preventable diseases
- WIC Services providing access to nutritious food.



# MDH is where you get...

Planning to help ensure rural Minnesotans have access to care

Assurance that inappropriate care in nursing homes, hospitals and other care facilities will be corrected

## Trimont seeks help for ambulance squad

TRIMONT – The Trimont ambulance crew is seeking a few good people. No experience required.

"We are a little short handed just now," says ambulance crew member Jeff Sinn. "We would love to have 20 people but only have about 14."

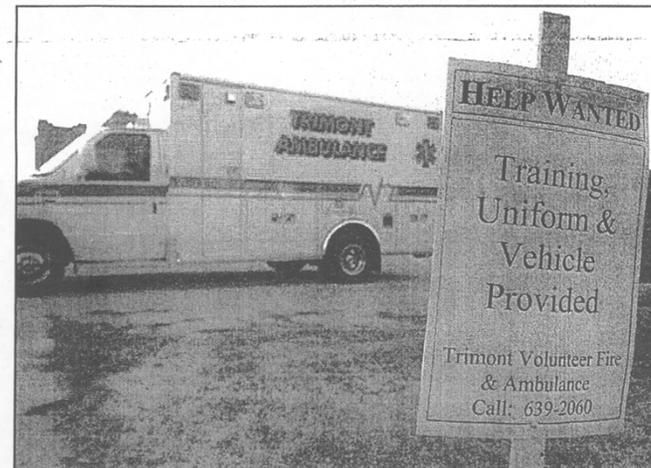
While there are enough people to staff the night-time crews, the daytime crew is short-staffed.

Trimont area residents willing to serve on the ambulance crew can be either male or female. While no medical background is necessary except for a CPR course, there is a 120 hour training session that is necessary before the job starts. (There is also a 24-hour refresher course every two years.)

"You will learn everything there is needed to know," adds crew member Kevin Kuehl. The city pays the training class and the uniform, plus pays \$10 an hour while on a call.

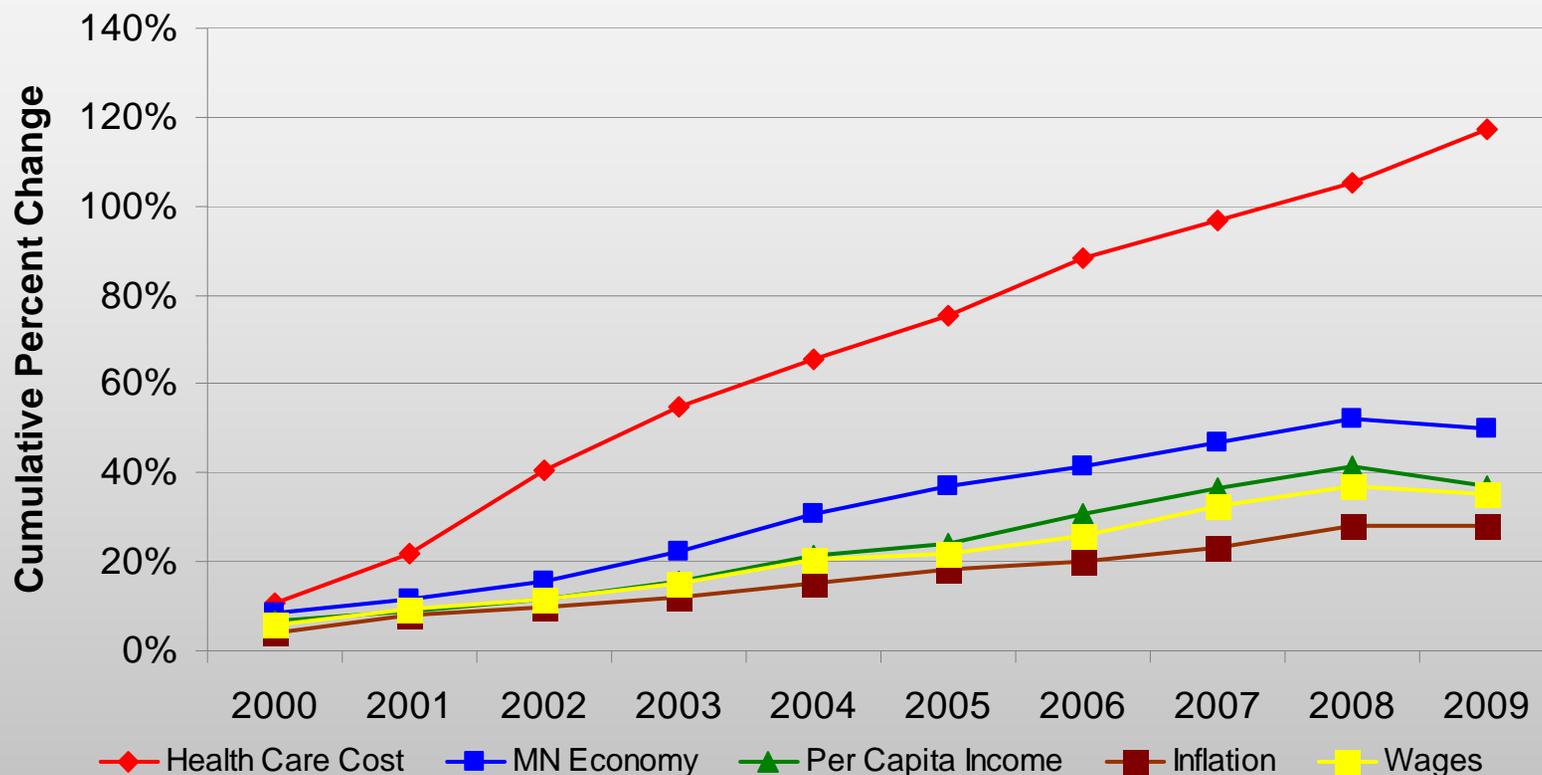
Anyone interested in joining may call the Trimont city clerk (639-2060) or Jeff Sinn (639-2169).

Classes begin in January in Sherburn and will be held two days a week from 6:30-10:30.



# MDH is where you get...

## Trends in health care costs and economic indicators



Health care cost is MN privately insured spending on health care services per person, and does not include enrollee out of pocket spending for deductibles, copayments/coinsurance, and services not covered by insurance.

Sources: Health care cost data from Minnesota Department of Health, Health Economics Program; per capita personal income from U.S. Department of Commerce, Bureau of Economic Analysis; inflation data from U.S. Bureau of Labor Statistics (consumer price index); workers' wages from MN Department of Employment and Economic Development

# MDH is where you get...

Health Reforms to:

Improve population health

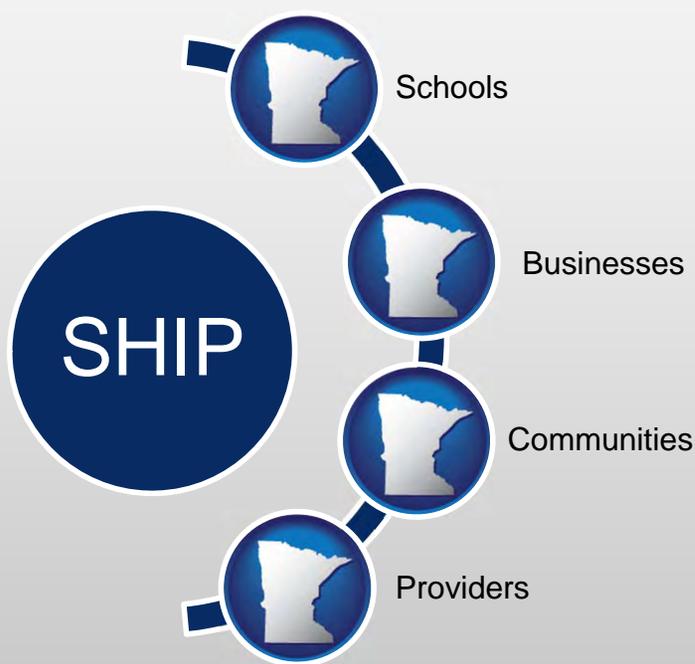
Reward value, not volume of services

- Care coordination
- Quality incentive payments

Create transparency of quality and cost

- Provider peer grouping (PPG)
- Quality measurement and reporting

# MDH is where you get...



## Statewide Health Improvement Program (SHIP)

- Supports locally driven efforts to reduce tobacco use and obesity
- Focuses on policy, systems and environmental changes to improve health and reduce health care costs
- 51 counties, 4 cities, 1 tribal government (~50% of state)

# MDH is where you get...

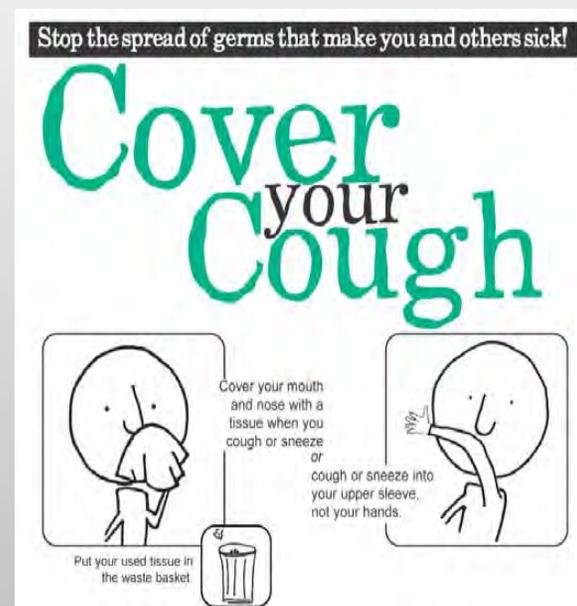
Information about health behaviors and chronic disease prevention

- Chronic diseases are among the most **prevalent, costly and preventable** of all health problems
- Most effective approach to reducing burden of chronic diseases is to address four risk factors:

Physical inactivity	Poor nutrition
Alcohol abuse	Tobacco use

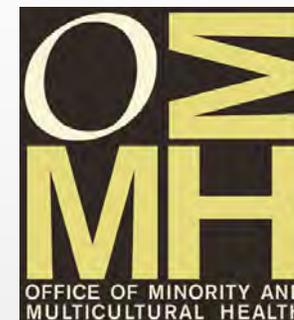
# MDH is where you get...

Initiatives that provide information and encouragement to help people make healthy choices



# MDH is where you get...

Eliminating Health Disparities Initiative

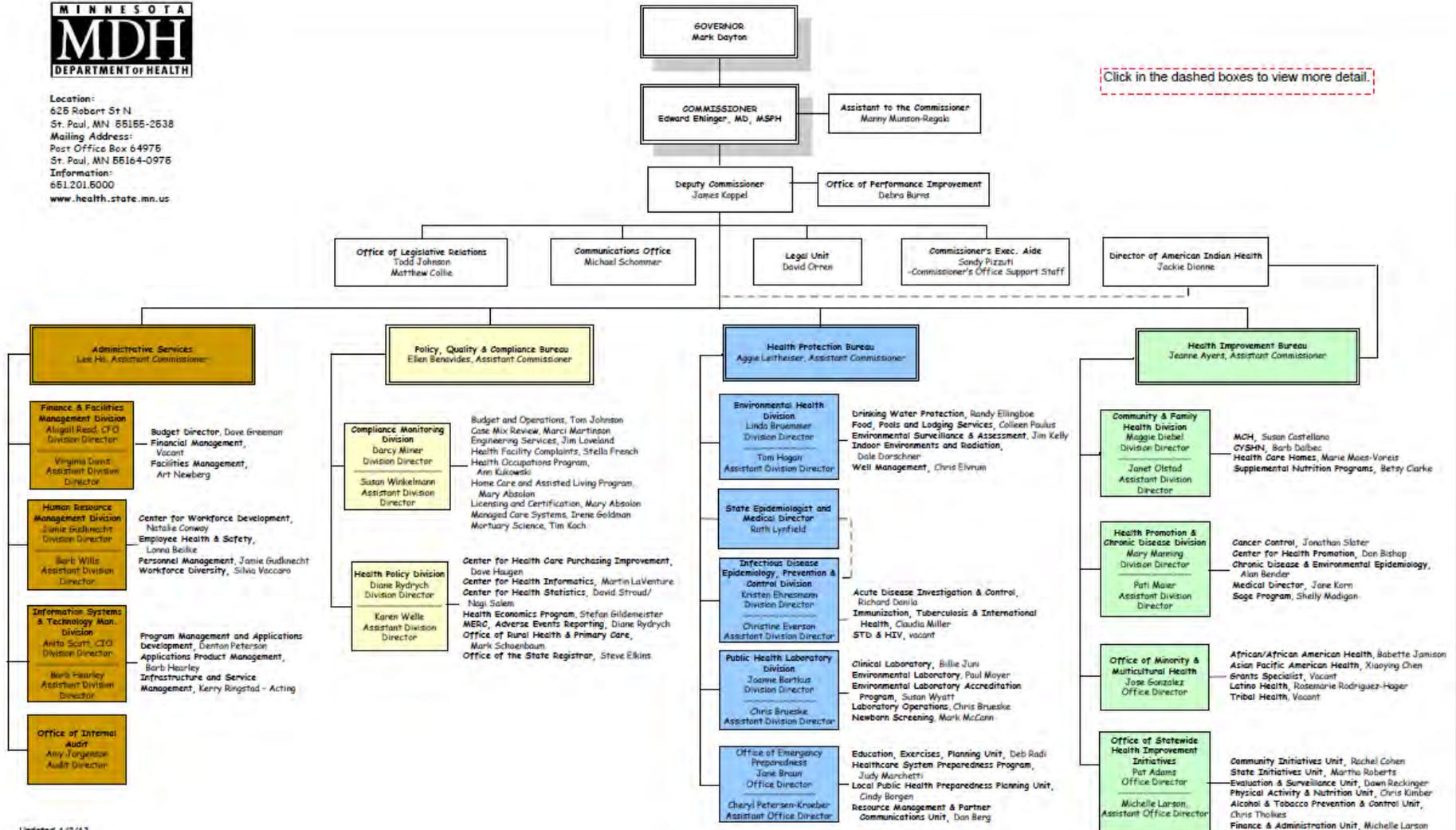


# MDH Org Chart



Location:  
625 Robert St N  
St. Paul, MN 55185-2538  
Mailing Address:  
Post Office Box 64976  
St. Paul, MN 55164-0976  
Information:  
651.201.5000  
www.health.state.mn.us

Click in the dashed boxes to view more detail.



# MDH sees our work functionally...

## Health Protection

- Vaccination
- Control of infectious diseases
- Safe foods
- Maternal and child health
- Fluoridation of drinking water
- Family planning

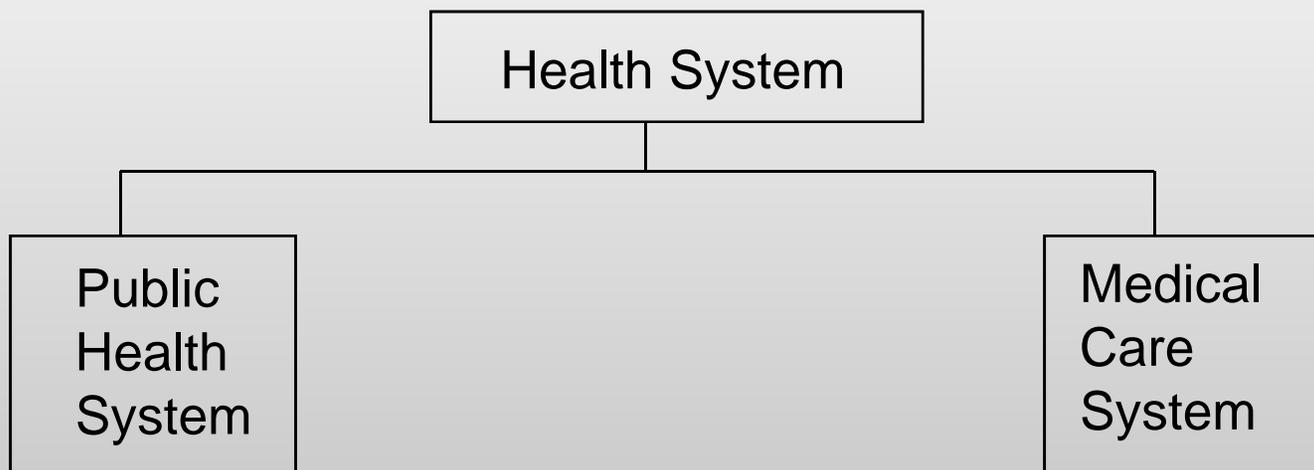
## Health Improvement

- SHIP
- Reduce occurrence of heart disease diabetes cancer
- Increase availability of Healthy Foods
- Reduce tobacco use

## Reforming our health care system around a public health framework

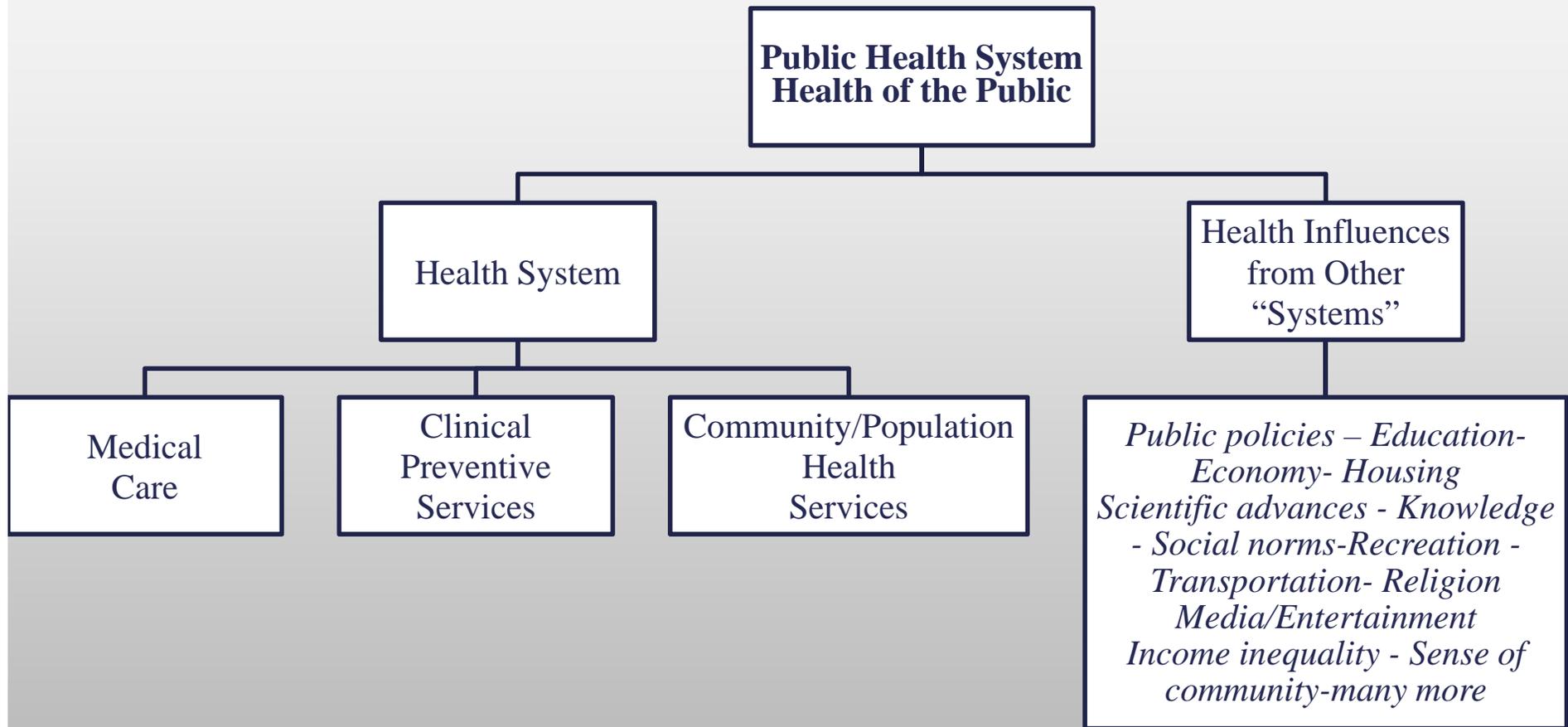
- Integrate clinical care, public health, and social services
- Balance treatment and prevention
- Invest in community-oriented primary care

# Common View of Health System

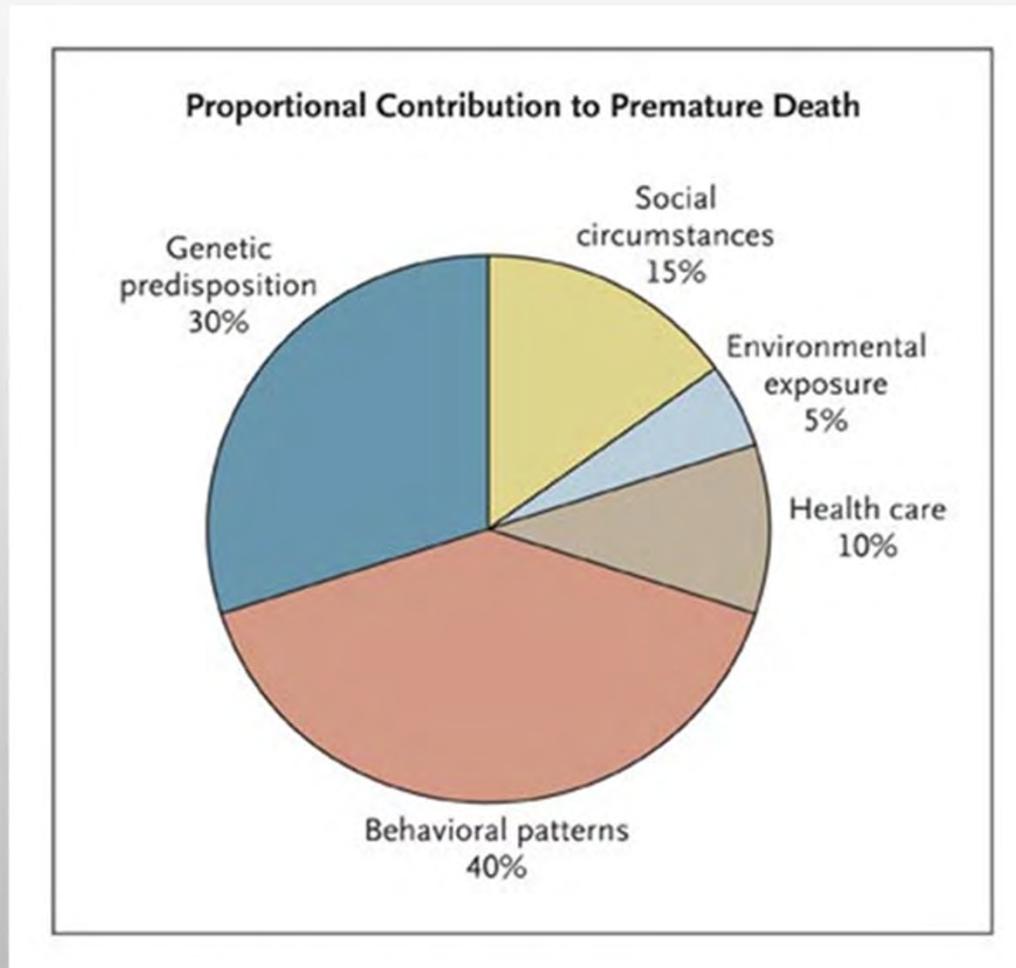


Health System = Public Health Subsystem + Medical Care Subsystem

# Evolving View of Health System



# Factors Influencing Health Status



Schroeder S. N Engl J Med 2007;357:1221-1228

# Top Causes of Death: U.S. 2000

Cause of Death	Number of Deaths
Heart disease	710,760
Cancer	553,091
Stroke	167,661
Chronic lower respiratory disease	122,009
Unintentional injuries	97,900
Diabetes	69,301
Influenza/pneumonia	65,313
Alzheimer' s	49,558
Kidney disease	37,251
Septicemia	31,224
All other causes	499,283

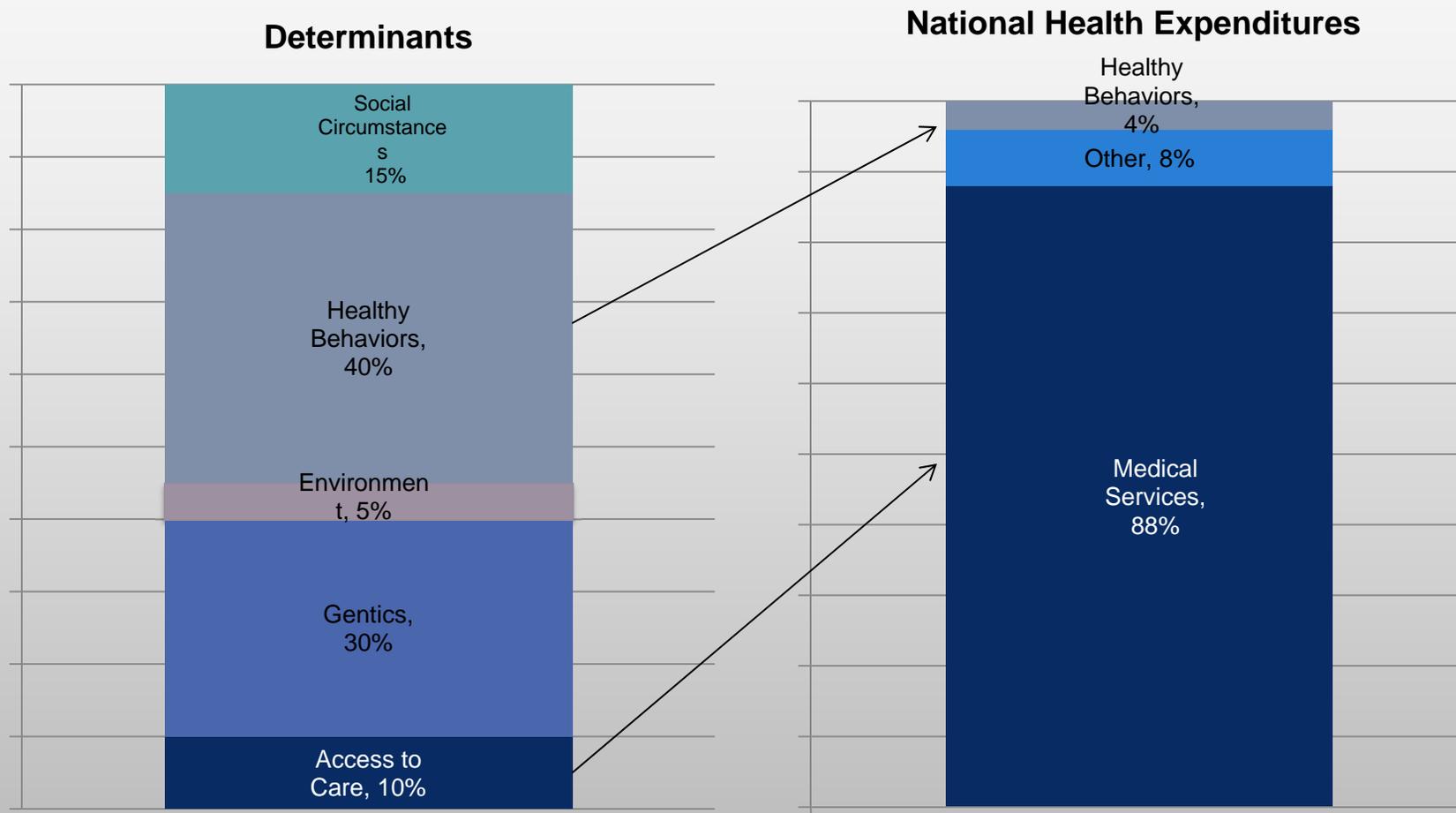
Source: National Center for Health Statistics

# The “Real” Top Causes of Death: U.S. 2000

Cause of Death	Number of Deaths	Percentage
Tobacco	435,000	18%
Diet/activity	365,000	15%
Alcohol	85,000	4%
Microbial agents	75,000	3%
Toxic agents	55,000	2%
Firearms	29,000	1%
Sexual behavior	20,000	<1%
Motor vehicles	43,000	<1%
Illicit use of drugs	17,000	<1%

Source: Mokdad et al, JAMA 2004 March 10; 291 (10):1238-45

# Spending Mismatch: Health Care and Other Key Determinants of Health

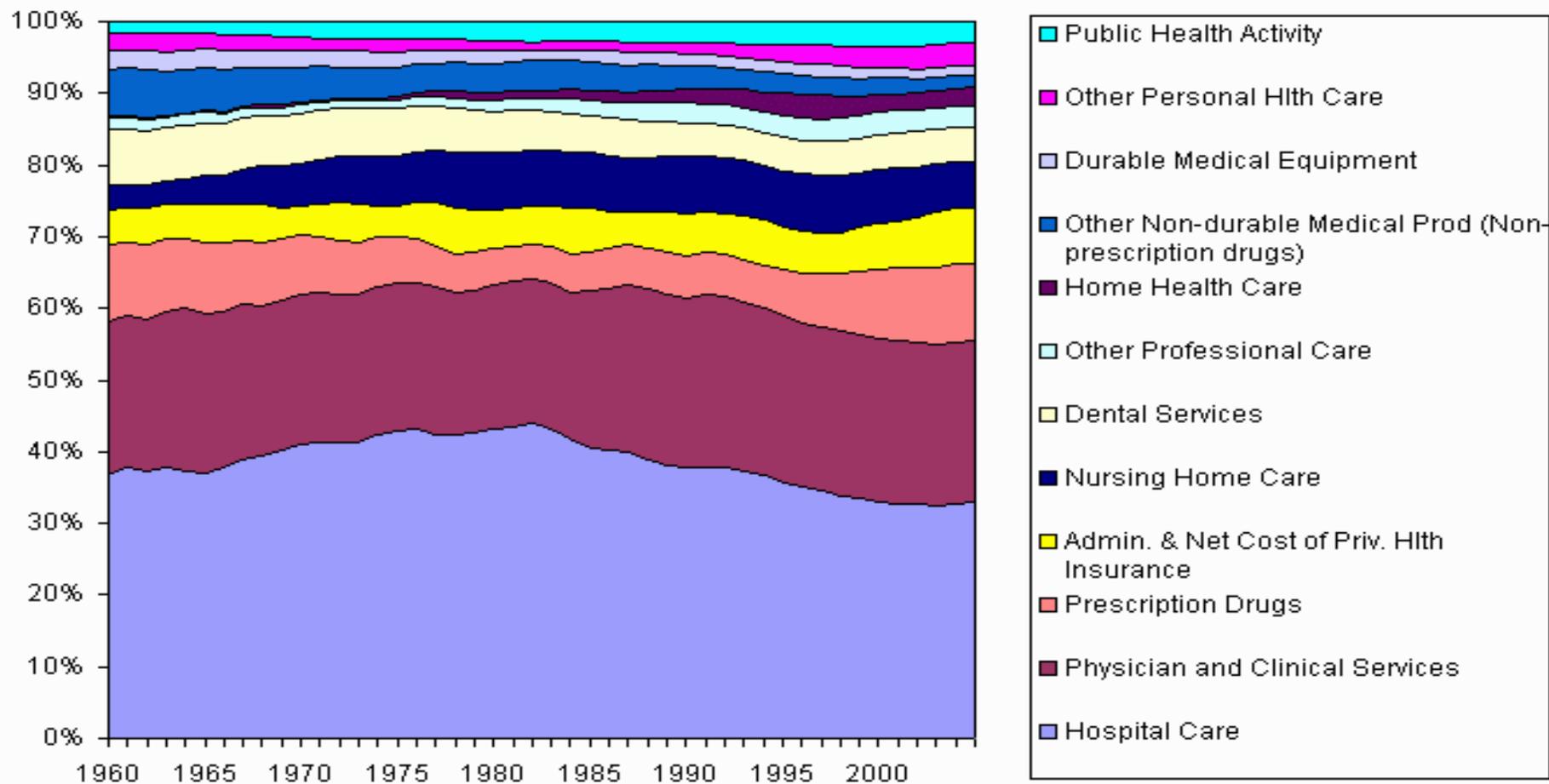


Source: NEHI, 2012

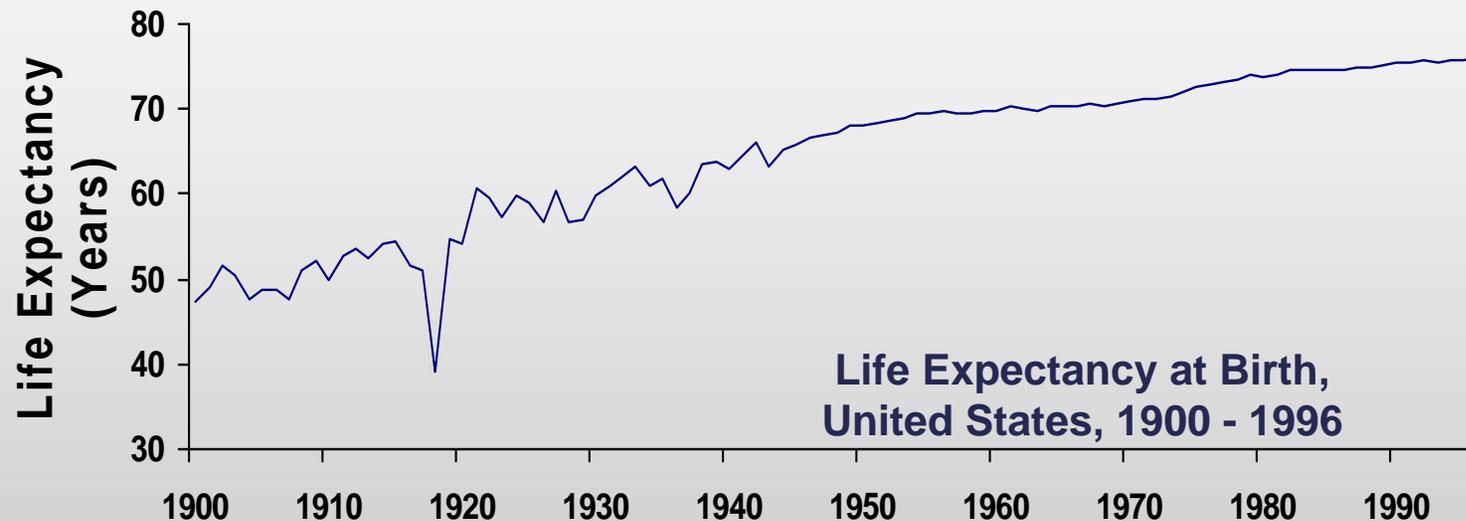
Minnesota 48<sup>th</sup> nationally in per capita public health spending

# US Funding of Health Services

Health Services and Supplies Spending Shares by Provider

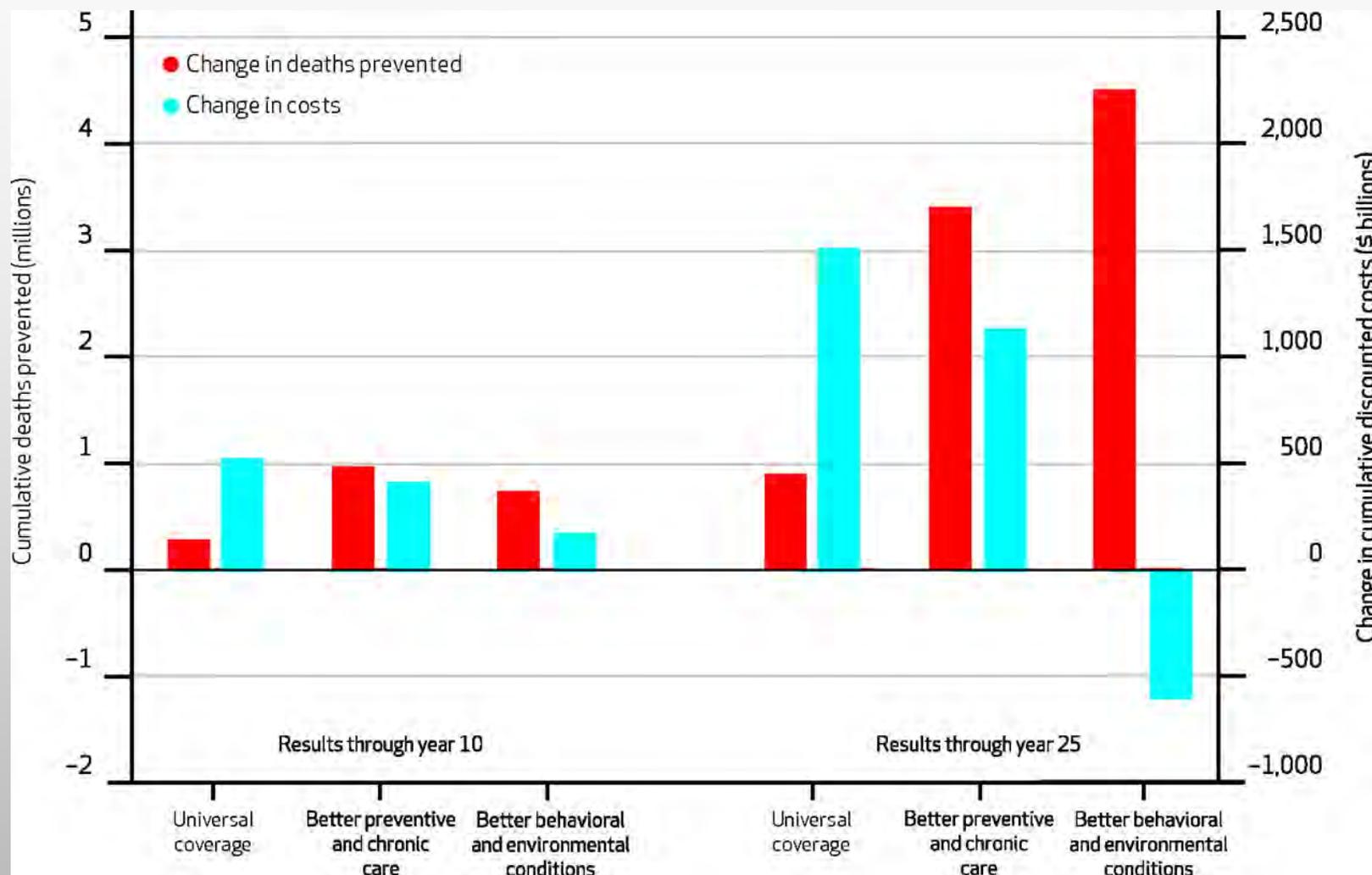


# Public health = longer lives



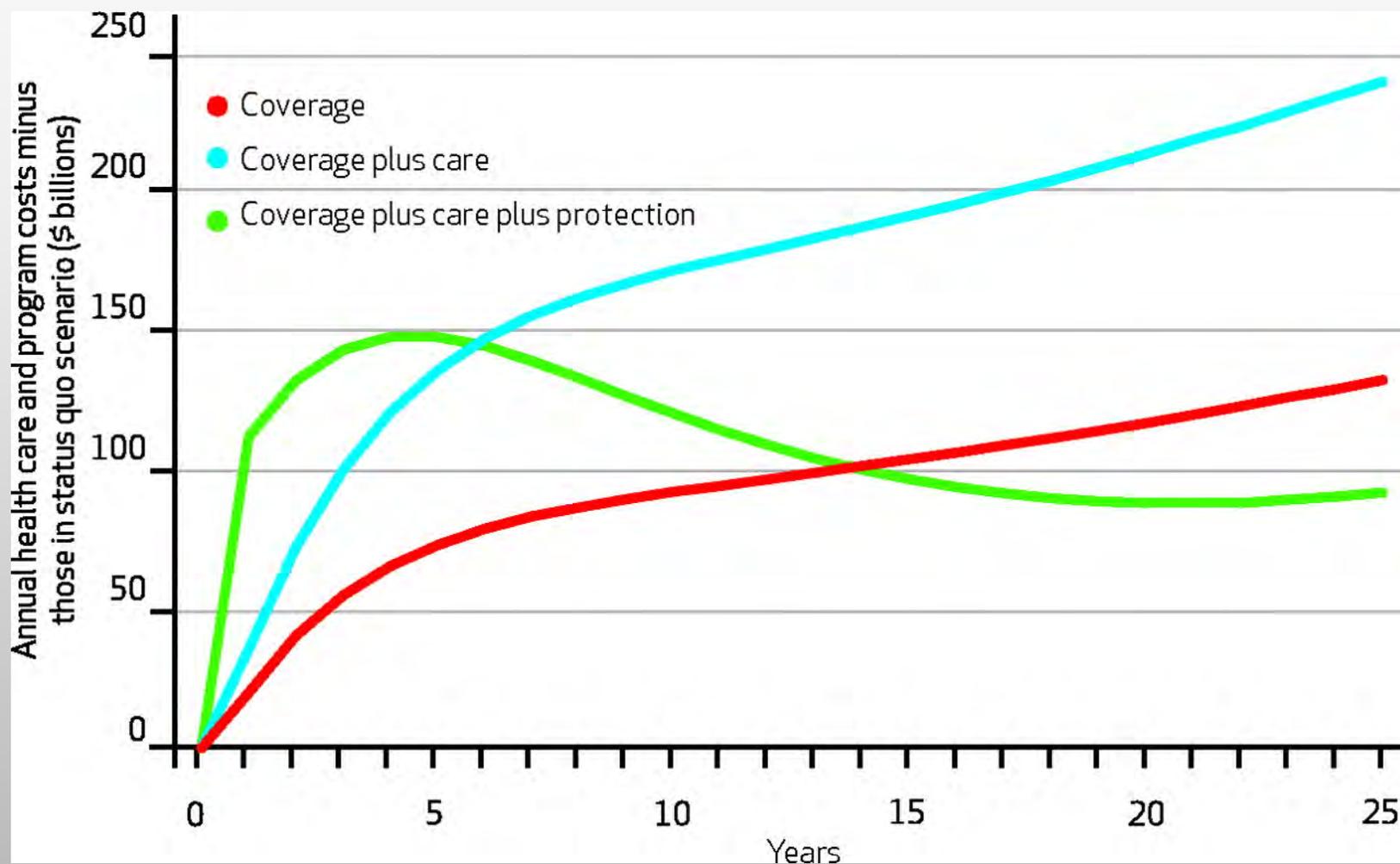
***25 of the 30 years of life gained in the 20<sup>th</sup> Century resulted from public health accomplishments***

## Deaths Prevented And Change In Health Care Costs Plus Program Spending, Three Intervention Scenarios, At Year 10 And Year 25.



Milstein B et al. Health Aff 2011;30:823-832

# Need Treatment and Prevention



# Minnesota's Ranking

**Minnesota has ranked as one of the top six healthiest states since national rankings began in 1990**

-- United Health Foundation, America's Health Rankings



*High ranking is partly due to Minnesota's strong commitment to public health*

# Unique Fed-State-Local Partnership

- Minnesota's public health system is known as one of the **best in the nation**
- It is built upon a **strong partnership** between MDH and local public health agencies, tribal governments and the federal government.
- Community Health Boards and Tribal Health Directors cover all counties and tribal governments in the state

## To be the healthiest state, MN must invest in...

### **Health Protection**

- Vaccination
- Control of infectious diseases
- Safe foods
- Maternal and child health
- Fluoridation of drinking water
- Family planning

### **Health Improvement**

- SHIP
- Reduce occurrence of heart disease diabetes cancer
- Increase availability of Healthy Foods
- Reduce tobacco use

### **Reformed health care system that is built on a public health framework**

- Integrate clinical care, public health, and social services
- Balance treatment and prevention
- Invest in community-oriented primary care

# Flu Update

- Hospitalizations: 1,121\*
- Deaths: 27\*
  
- Outbreak is very much in keeping with other very severe seasonal influenza years
- Vaccination recommended for everyone six months and older unless unable for medical reasons
- MDH has been in contact with regional health care coalitions, hospitals, clinics and long-term-care facilities regarding developments and guidance

\*As of January 10, 2013

# Priorities

- Genetic Privacy
- Statewide Health Improvement Program (SHIP)
- Health System Reform
- Healthy Homes, Healthy People
- Core public health investments

“Public Health is what we, as a society, do collectively to assure the conditions in which people can be healthy.

Institute of Medicine