

ARRM Technology Conference and Showcase

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July 30, 2014

Topics for today

2 big demographic

trends that will change
your work forever

Innovations that are
changing the way people
with disabilities live and
work

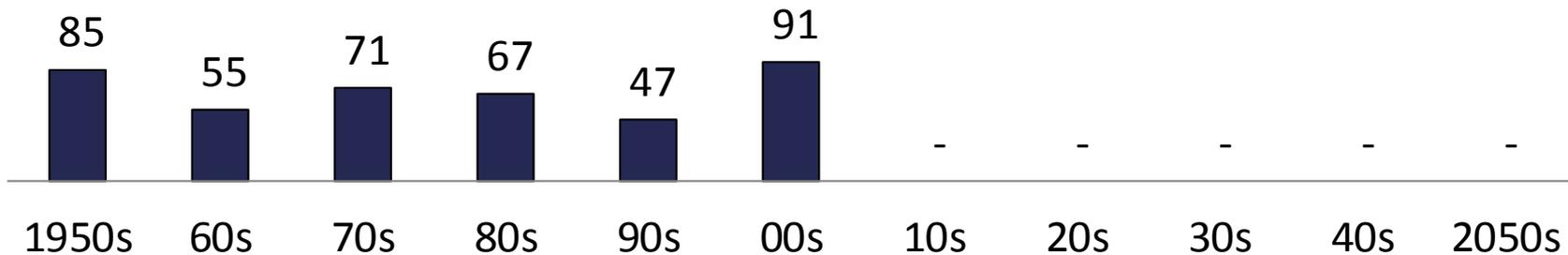
Your questions and
insights

Trend #1: Population aging is beginning to affect MN and the nation



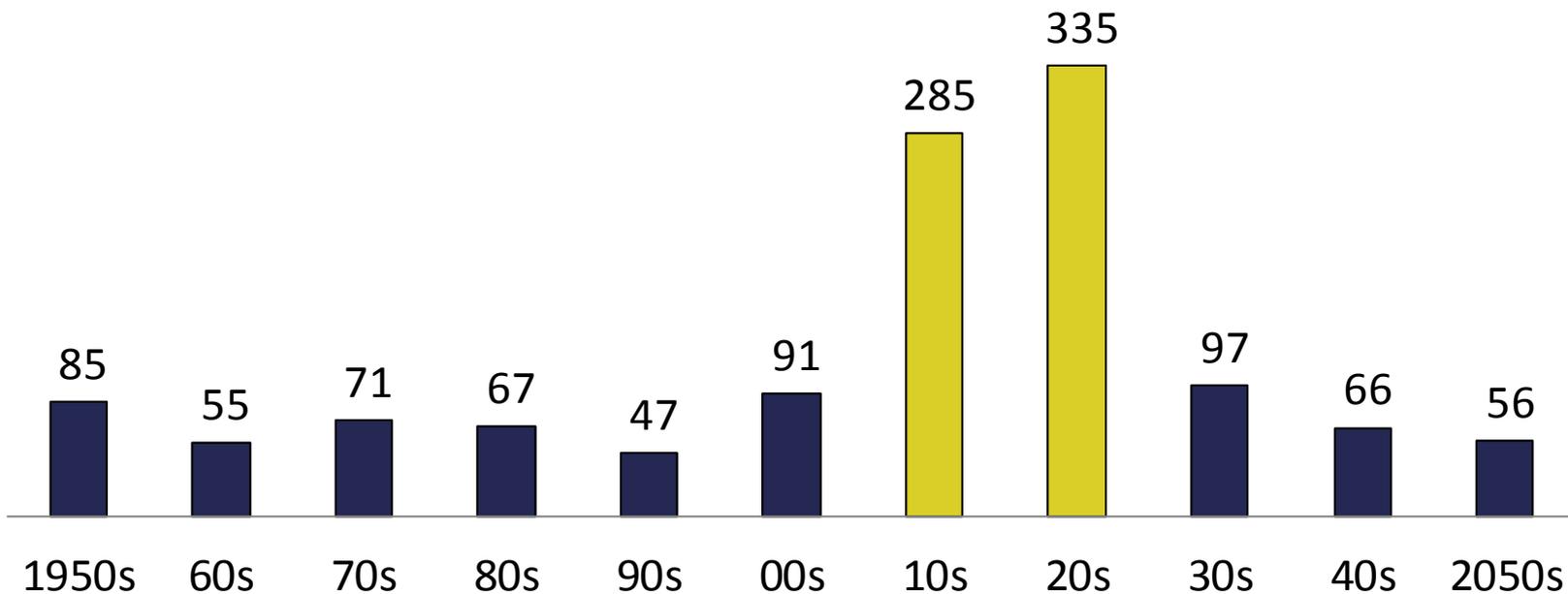
How many additional “older adults” will Minnesota gain during this decade?

Change in older adults, age 65+ (in thousands)



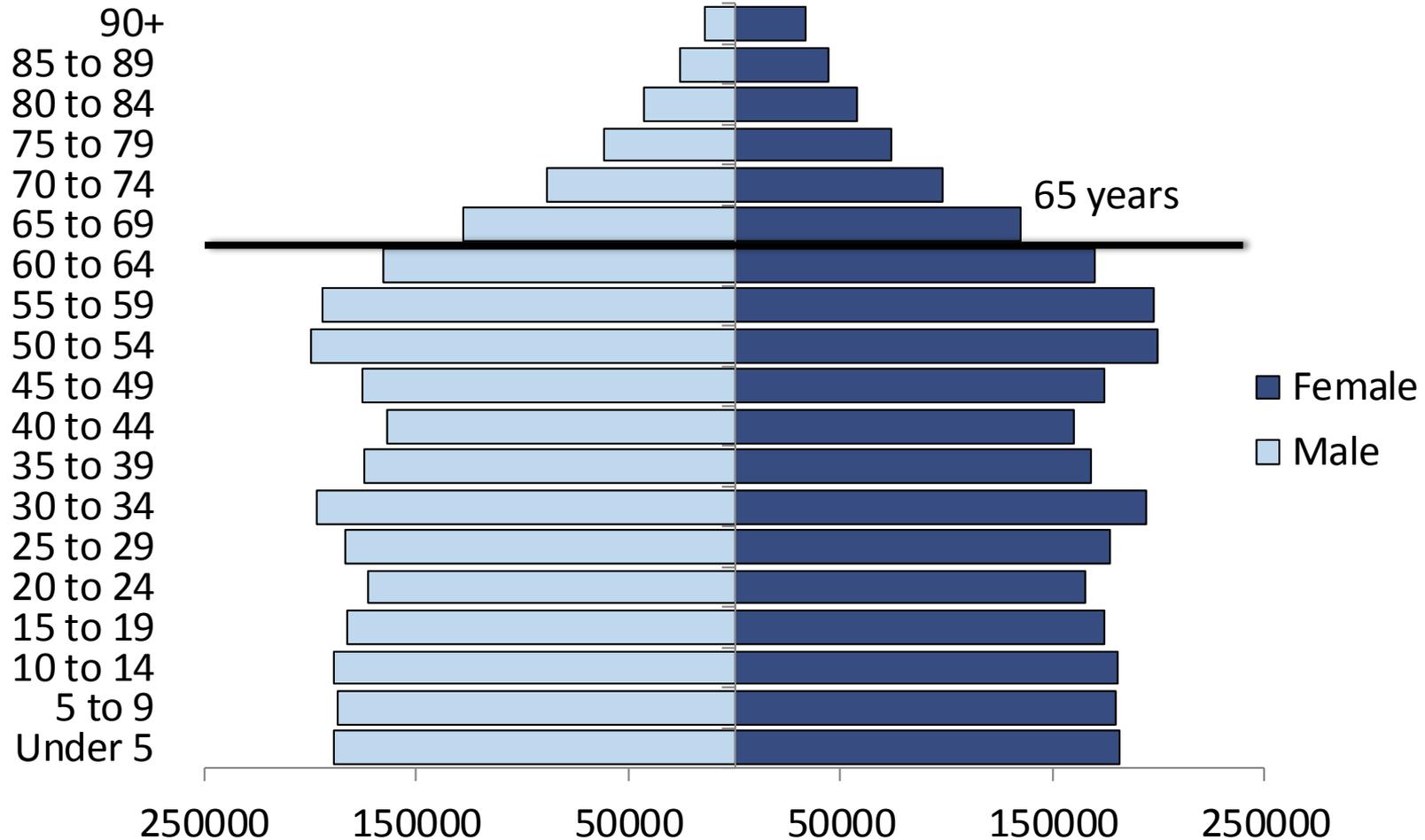
Unprecedented increases in MN's “older adult” population

Change in older adults, age 65+ (in thousands)



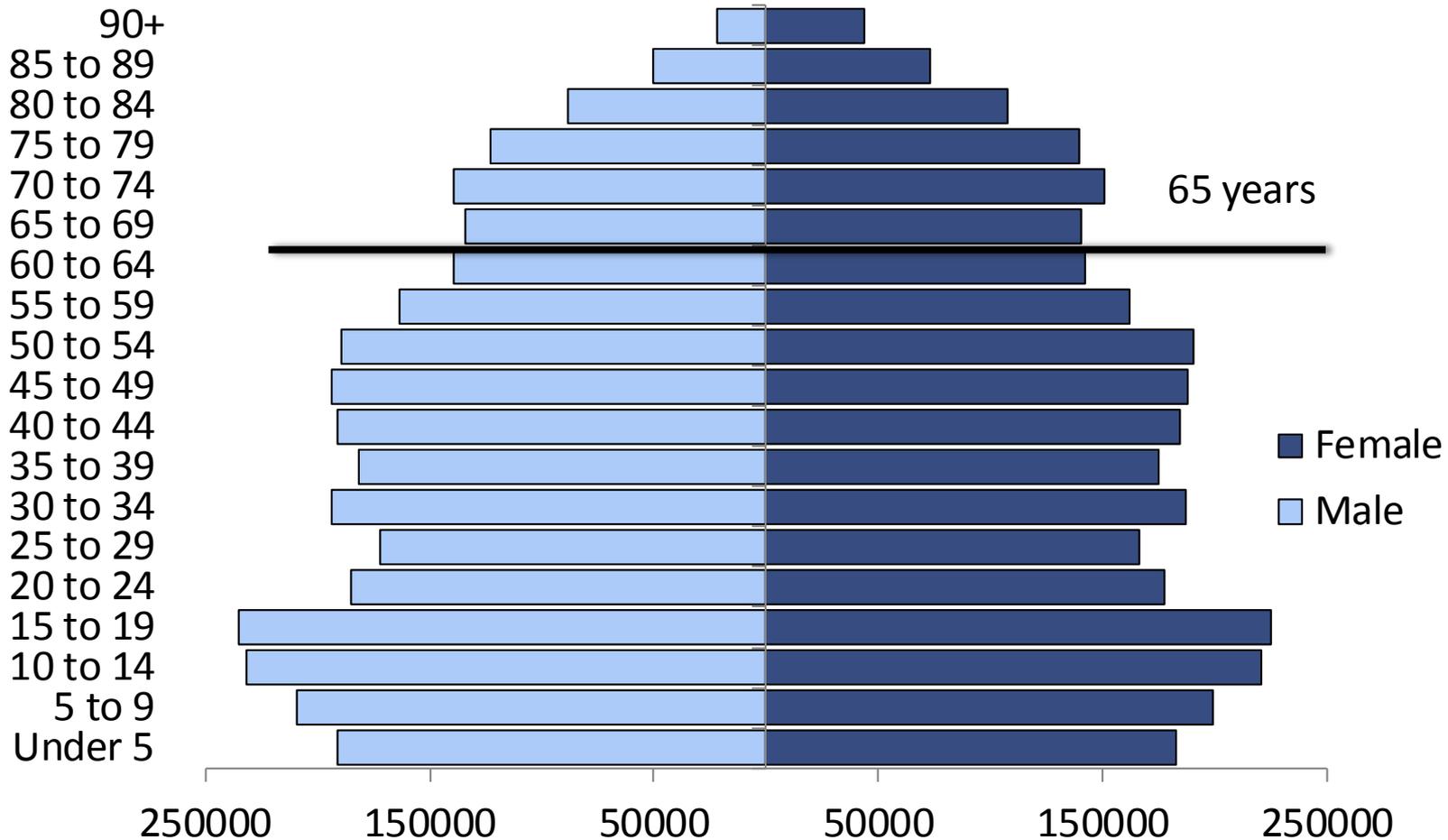
Why are the changes so marked now?

Population by age and sex
Minnesota, 2015

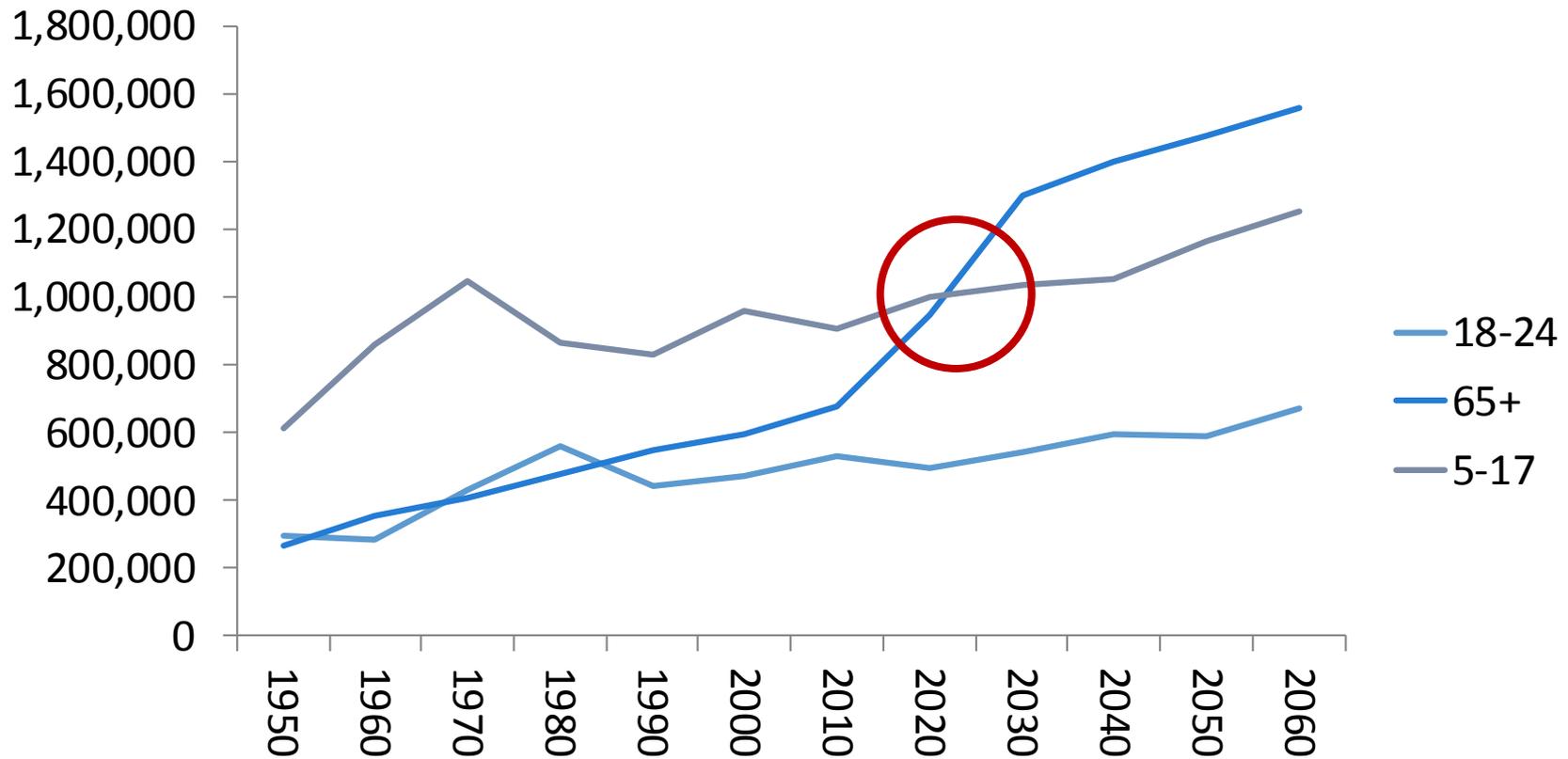


Minnesota in 20 years....

Population by age and sex
Minnesota, 2035

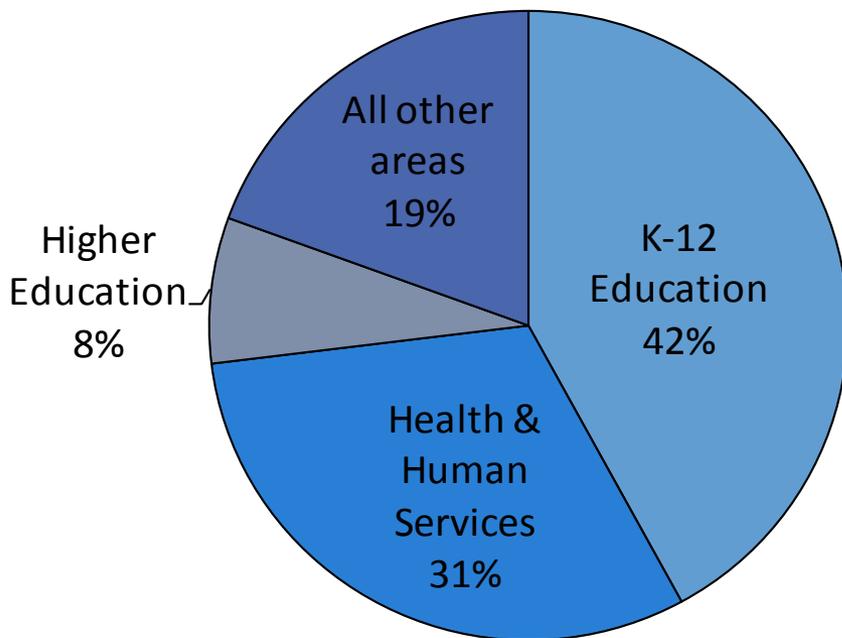


For the first time in MN history: More 65+ than school-age by 2020



Increasingly our demographics will change the demand for services

General Fund Expenditures, FY12

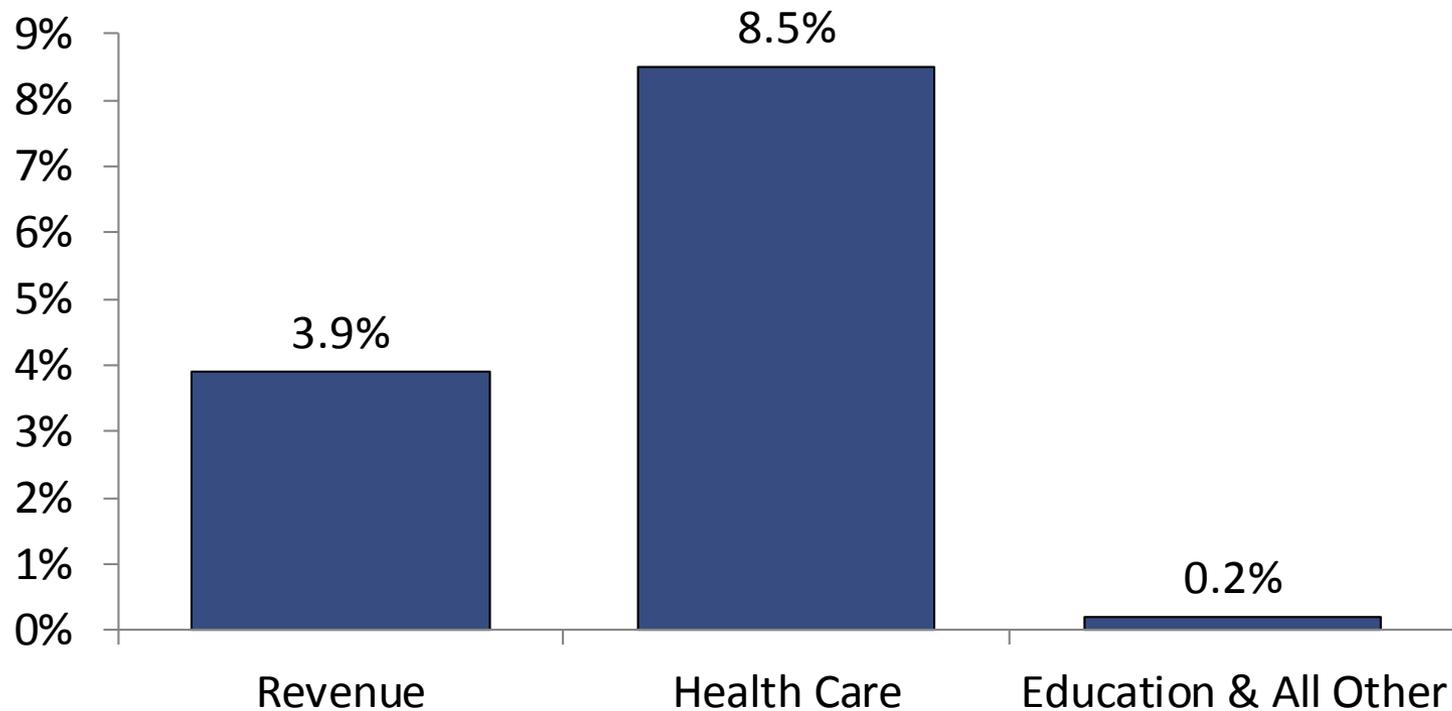


Within Health & Human Services

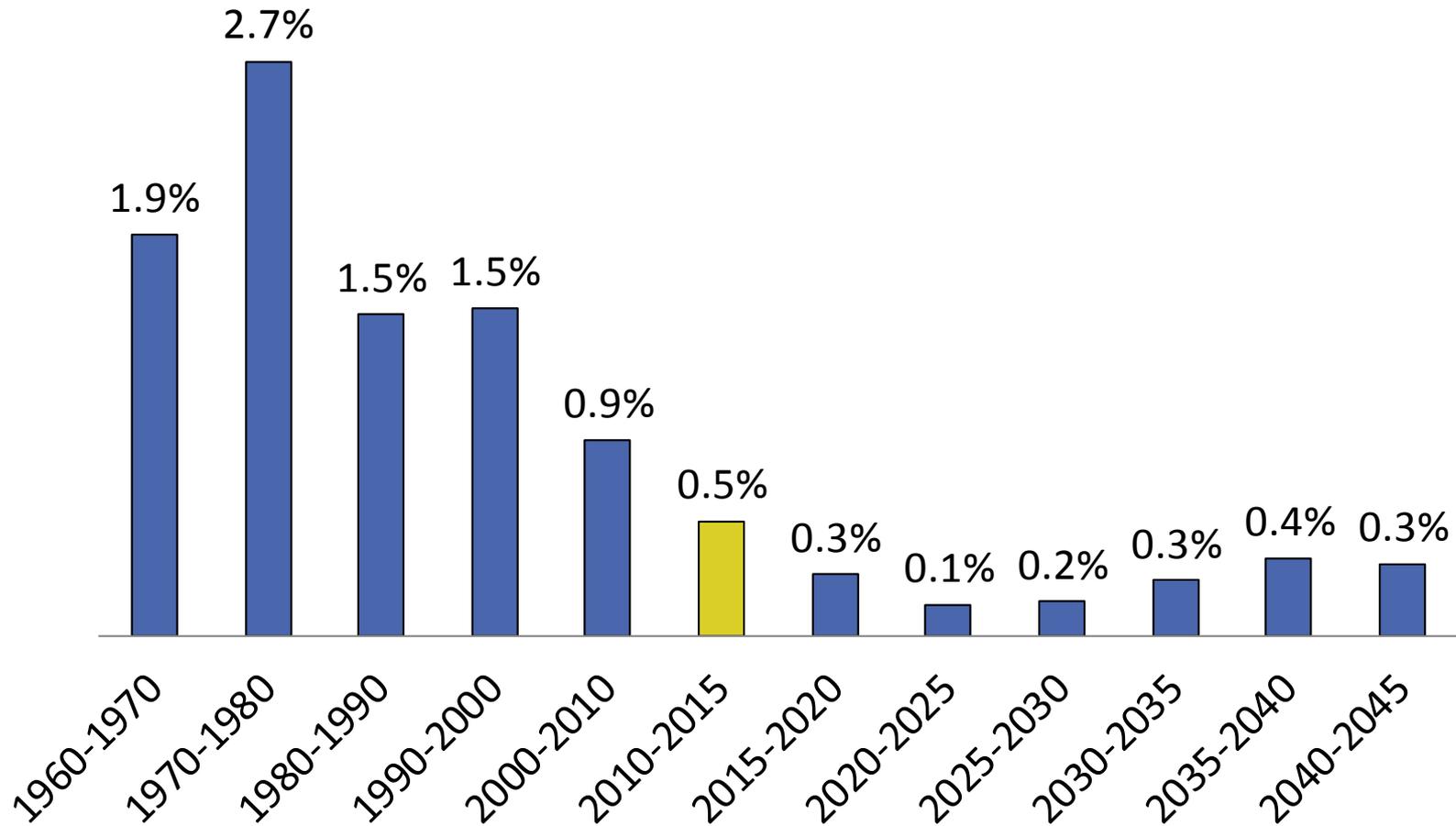
- Medical Assistance Expenditures: 25% of GF spending (8.5 billion)
- Medical Assistance Expenditures for the Elderly and Disabled: 16% of GF spending (5.5 billion)
- MA expenditures include basic care, long-term care waivers and long-term institutional care

From 2008: If State Health Care Costs Continue Their Current Trend, State Spending On Other Services Can't Grow

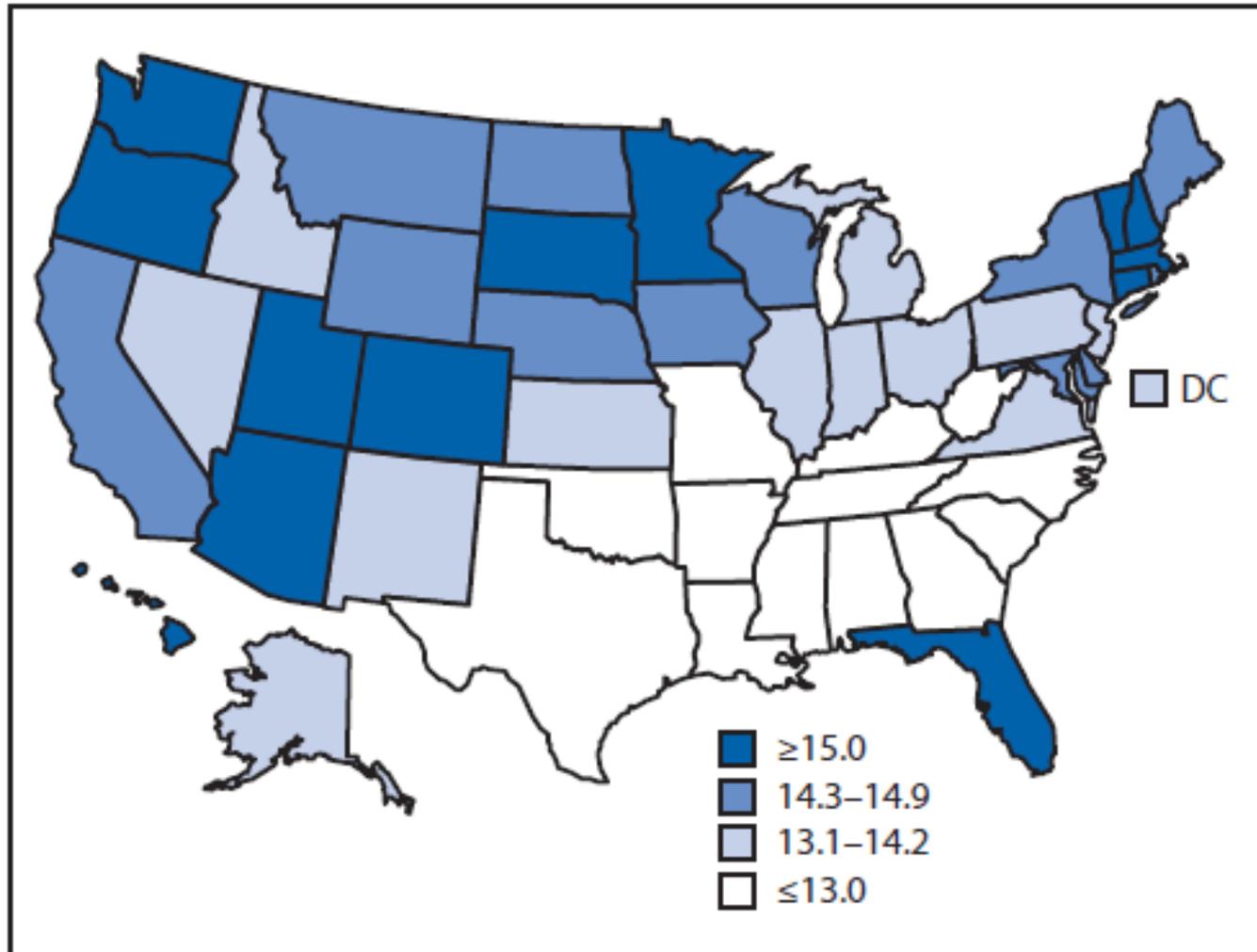
Annual Ave Growth 2008-2033



Labor force growth is projected to slow

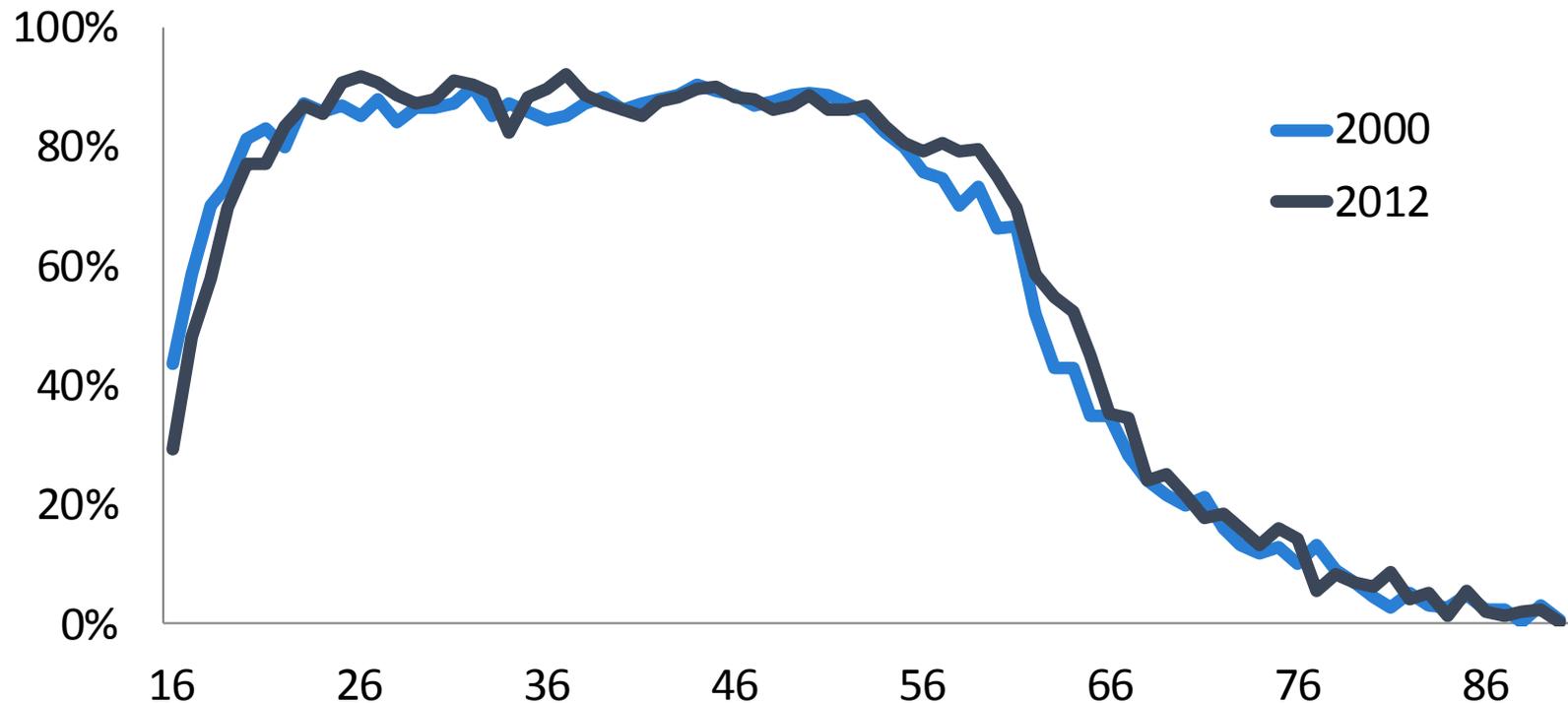


Healthy life expectancy at age 65, 2007-2009



Labor force participation of older adults has increased only slightly

Rates of labor force participation
2000 and 2012

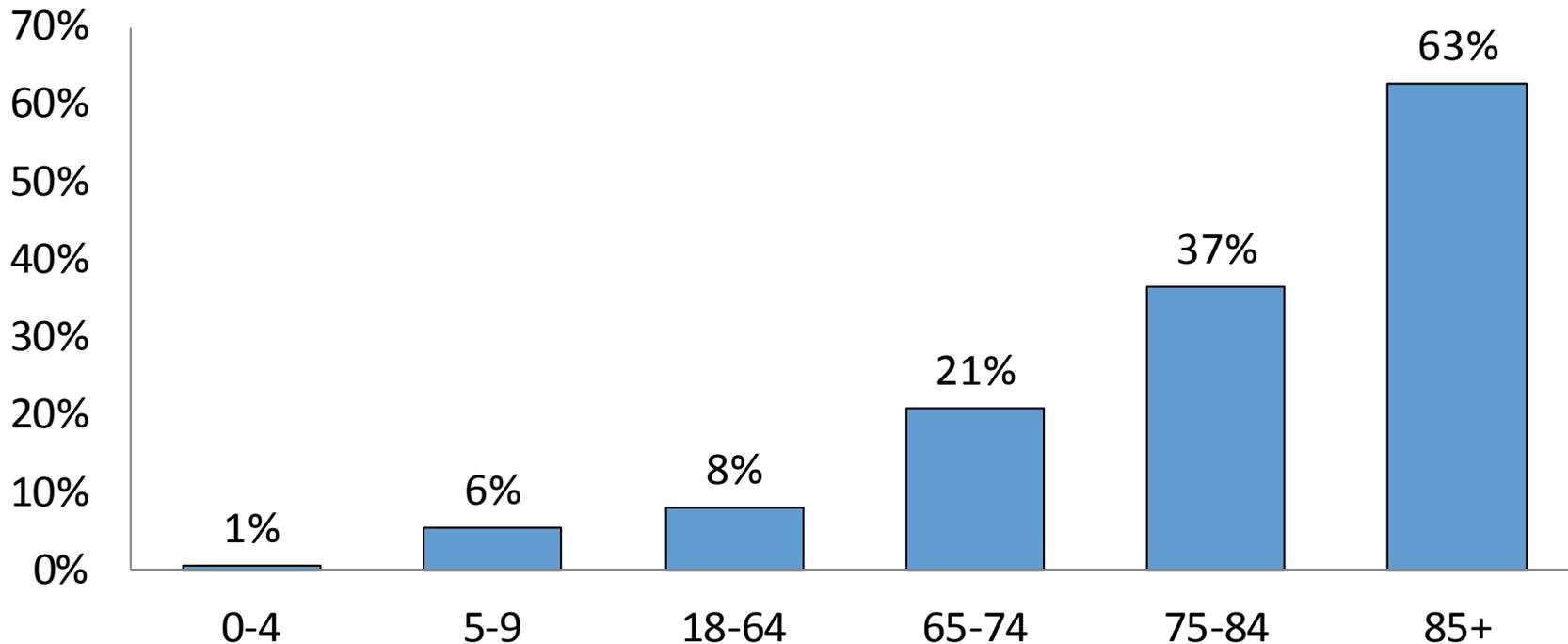


Trend #2: As MN ages, the number of people with **disabilities** will increase



Aging increases likelihood of disabilities

Percent of Minnesotans with a disability by age, 2012



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

What do we know about persons with disabilities in Minnesota?

- **MN is different:** has among the lowest rates of disability in the country, and much higher employment among its disabled population than the U.S.
- The **aging trend** will expand the universe of those with disabilities
- Broad demographic trends will intensify the search for **talented workers**, including those with disabilities

MN has among the lowest rates of disability in the country

Percent of individuals with a disability

Comparison with other states, 2012

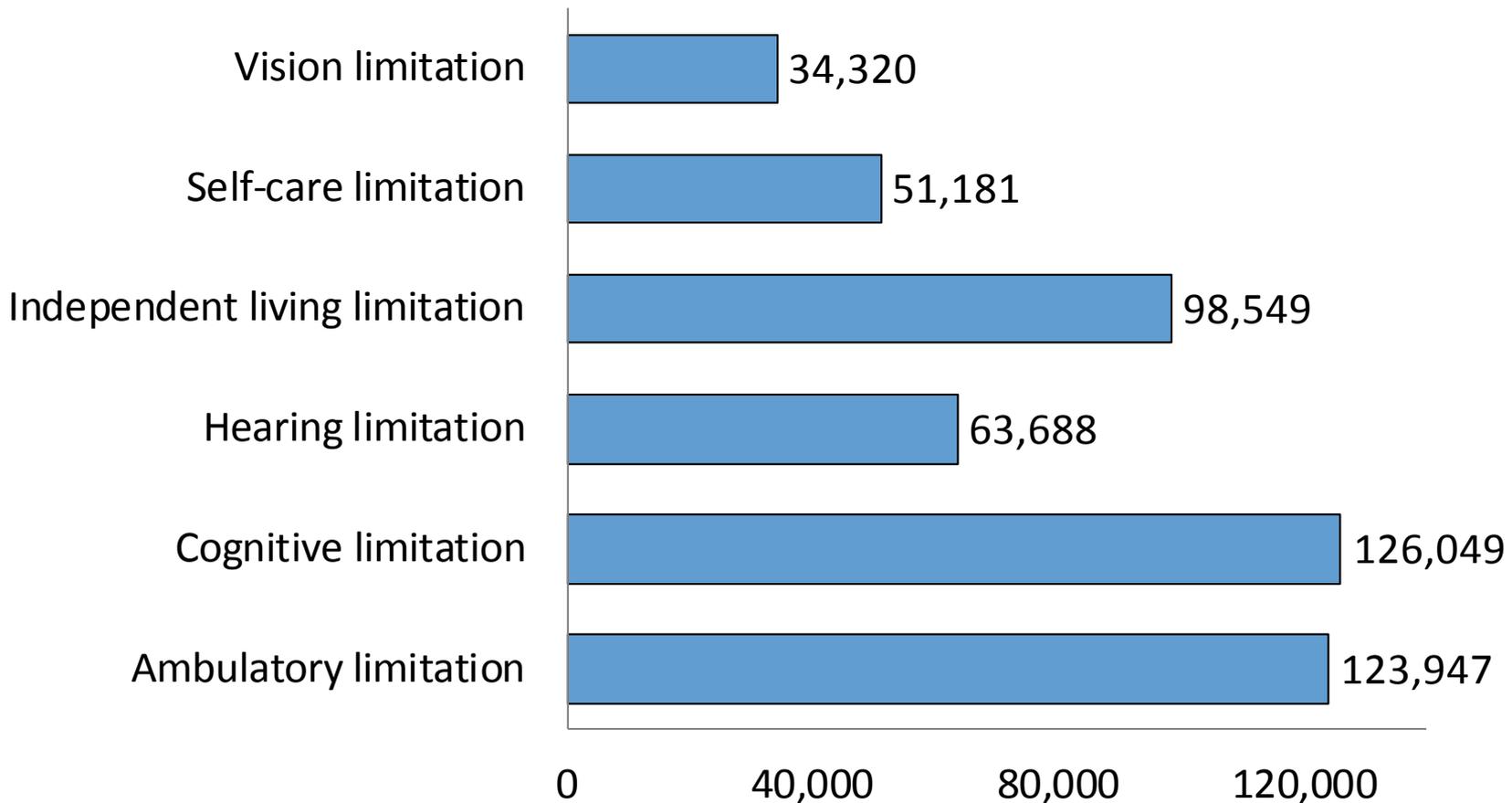
Rank	State (1=lowest)	2012
1	Utah	9.2%
2	Colorado	10.1%
3	California	10.2%
4	New Jersey	10.2%
5	Maryland	10.3%
6	Minnesota	10.3%
7	North Dakota	10.5%

Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

Types of disability among working-age Minnesotans

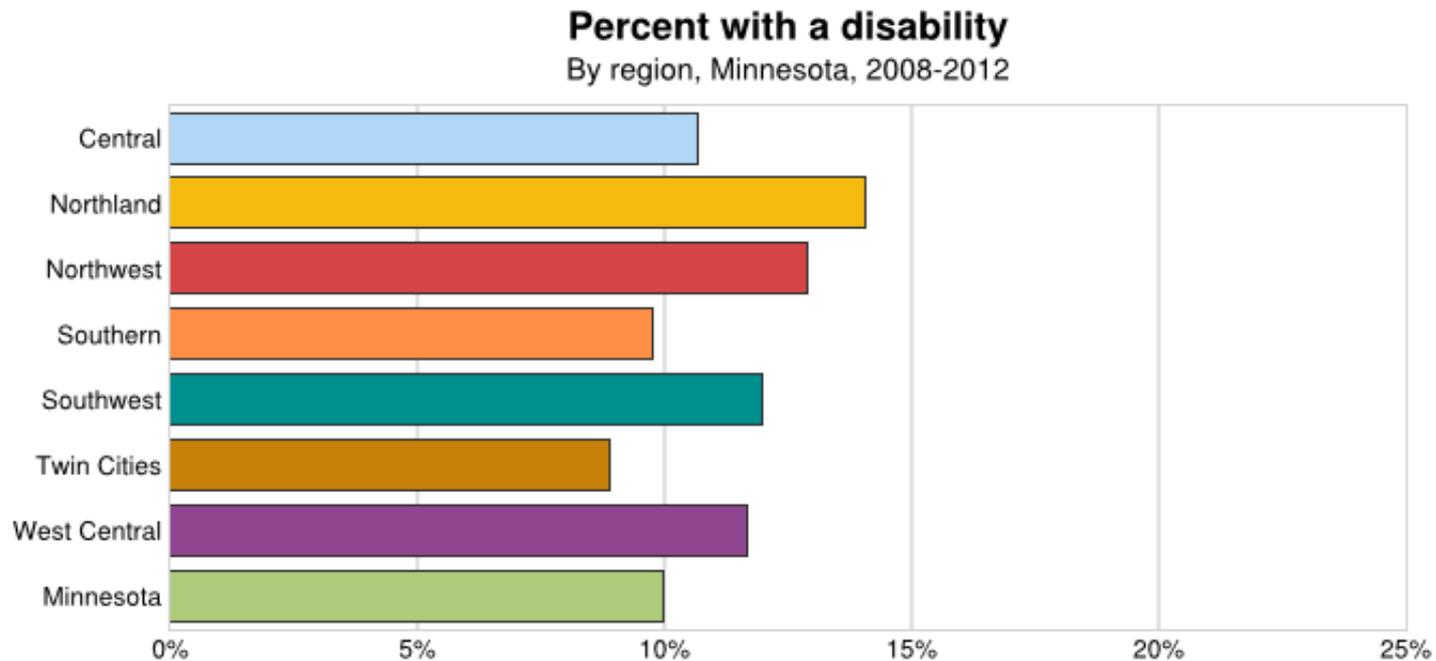
Working-age Minnesotans with a Disability



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

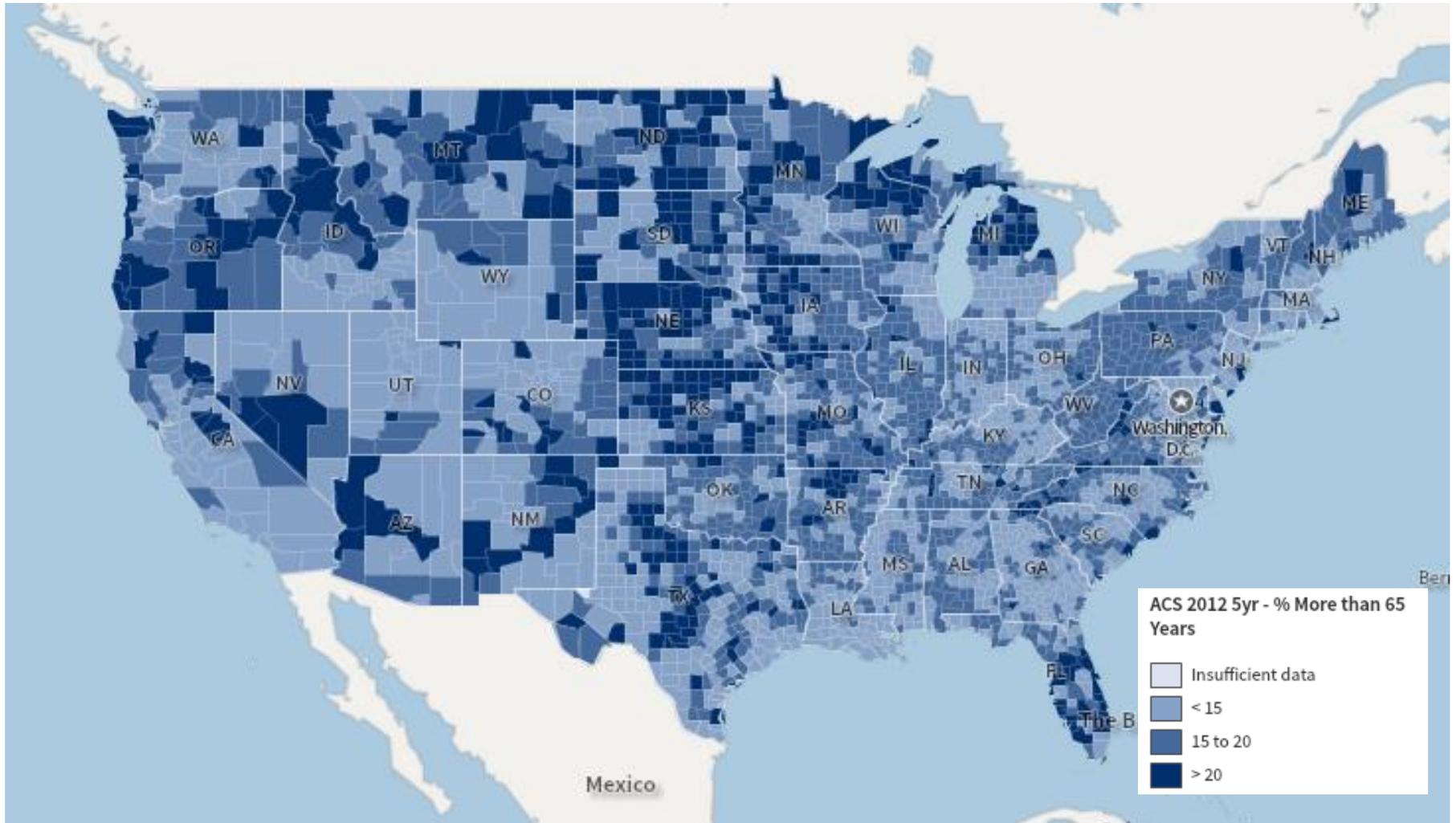
Regional differences in disability largely reflect aging differences



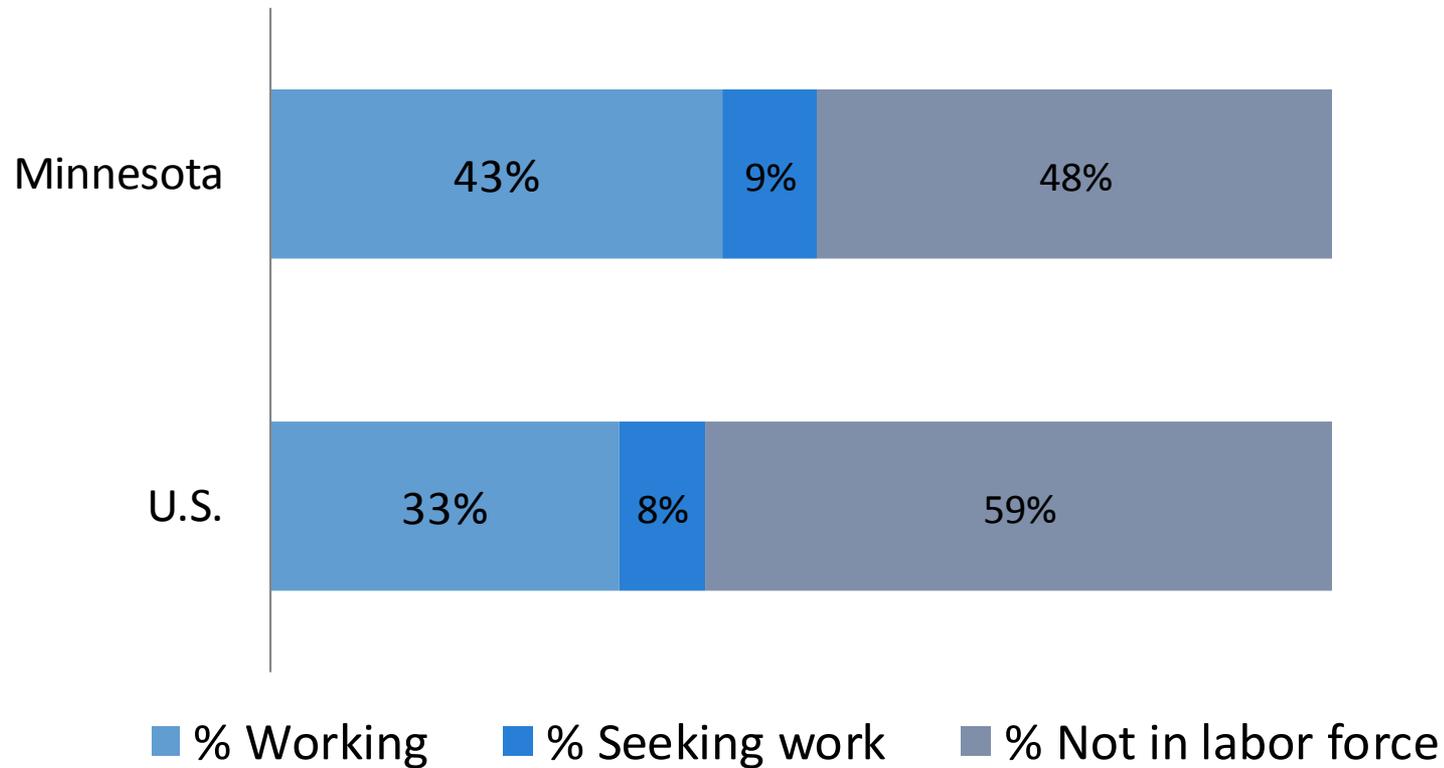
Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.

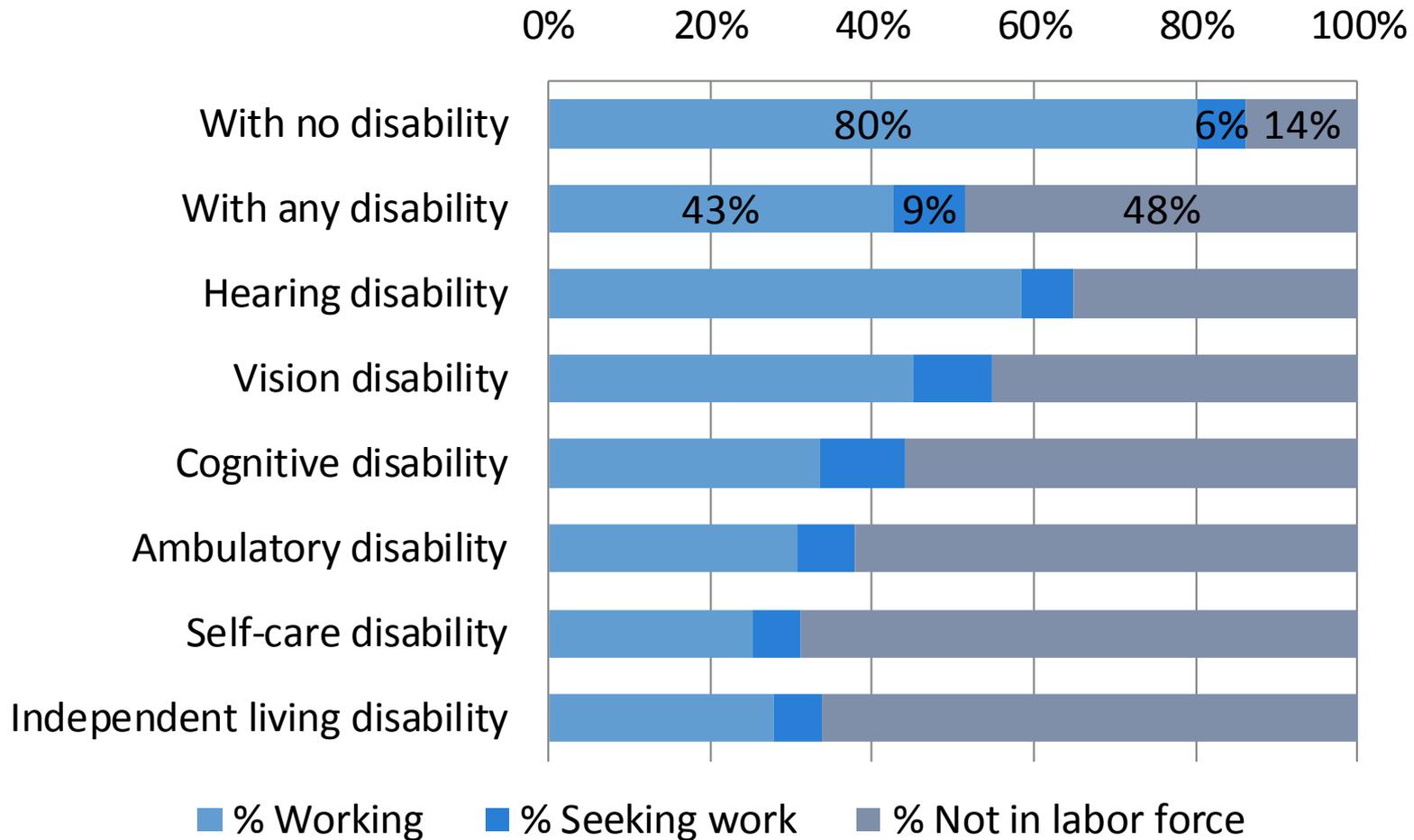
Percent age 65+, 2012



Minnesotans with disabilities more likely to be working (age 18-64)



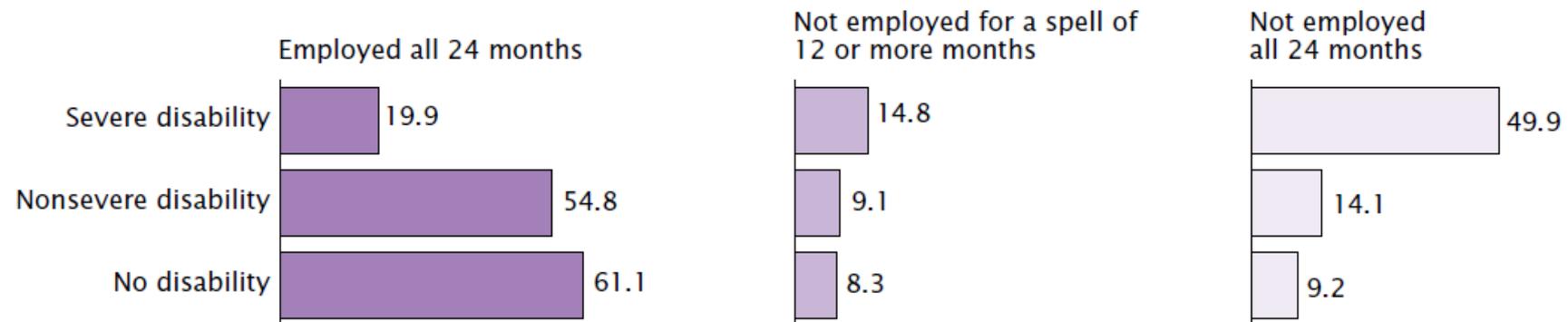
Employment status of Minnesotans with disabilities (18-64 years old)



Economic status of working-age persons with disabilities (U.S. data)

Looking back 2 years from May-August 2010...

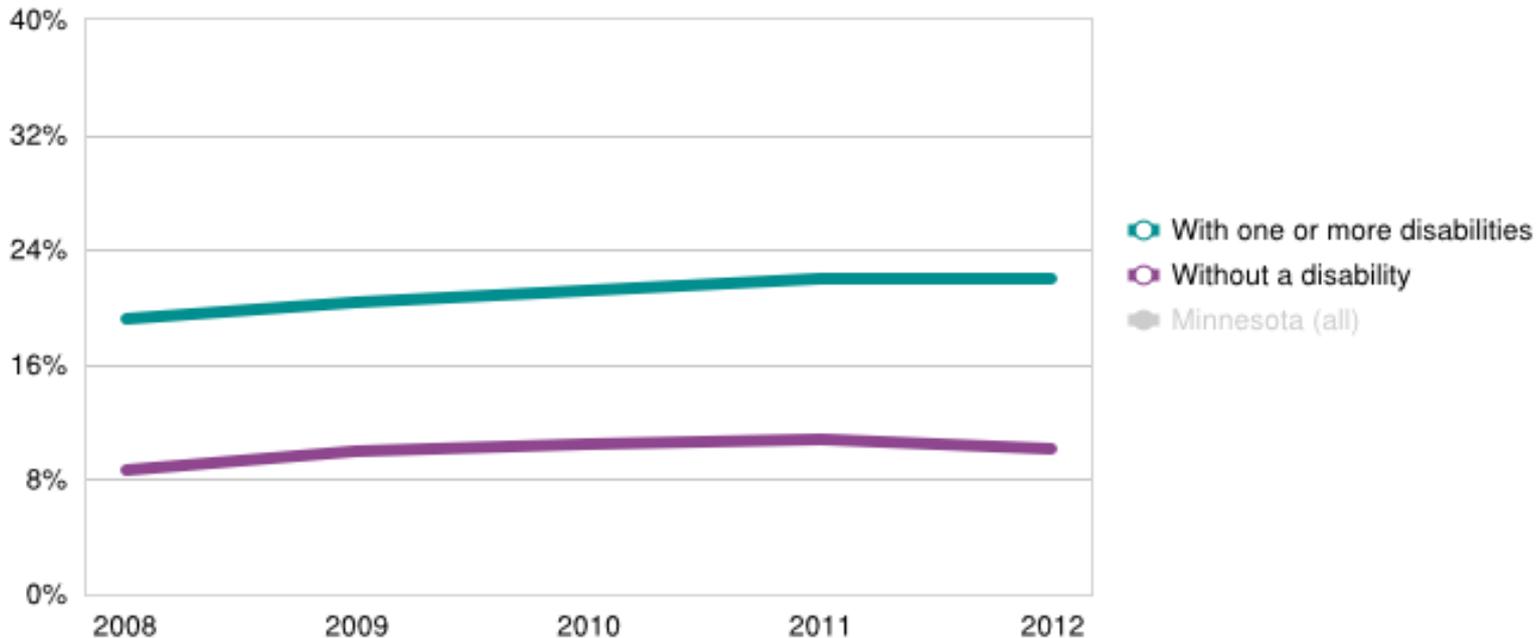
A. Employment status for adults 21 to 64 years old



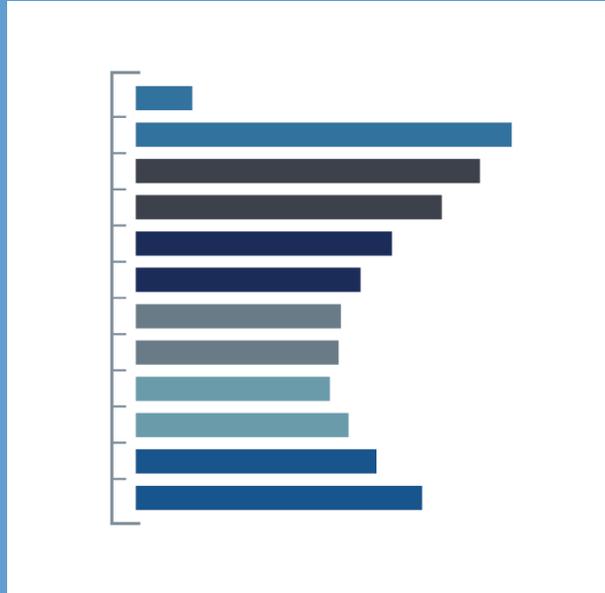
Sources: U.S. Census Bureau, "Americans With Disabilities: 2010" report. Data from the Survey of Income and Program Participation. Note: Relates only to the civilian, non-institutionalized population. Data is not directly comparable to the American Community Survey data.

Nearly 1 in 4 people with disabilities live in poverty

Individuals below the poverty level
By disability status, Minnesota, 2008-2012



How do we **improve**
quality of life for people
with disabilities while
reducing the cost of care?

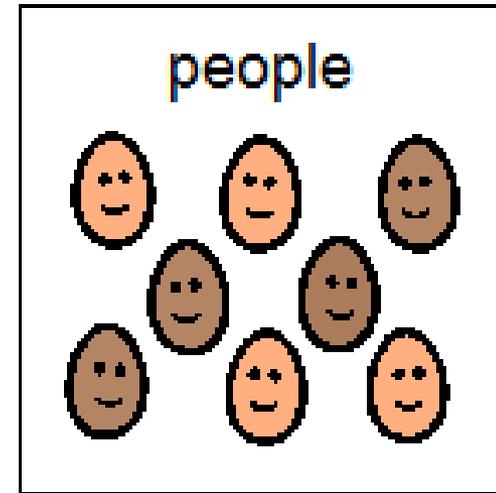


Susan Brower

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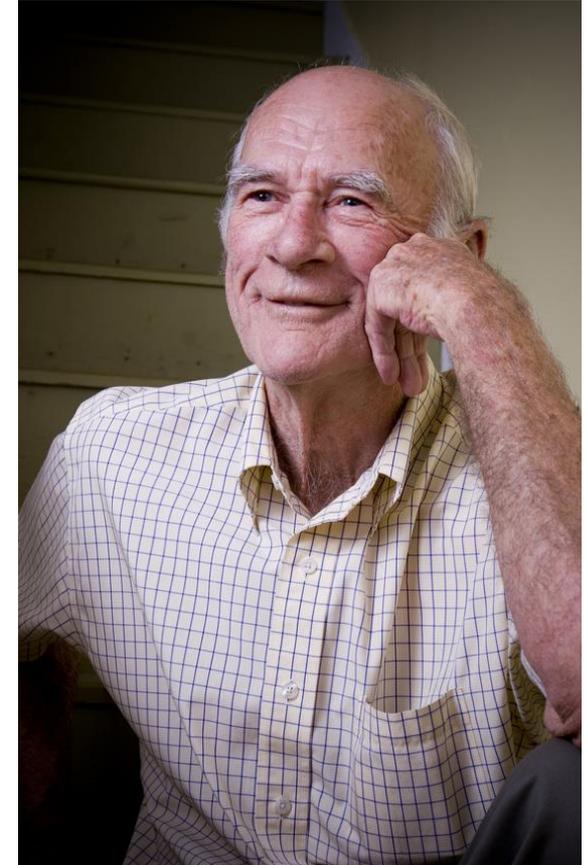
Start with a Person

- Self-determined life
 - Access
 - Participation
 - Independence



Joe

- Loves to watch movies!
- Challenge:
 - losing his hearing
- Impact of hearing loss
 - on him?
 - on his support needs?



Joe

**Educational
purposes only

- Assistive listening devices



Assistive
Listening Device



TV Listening
System



Diane



- Prefers living on her own
- Challenge:
 - losing her vision
- Impact of vision loss
 - on her?
 - on her support needs?



Diane



Large clock



Bar code reader



Devices that read
you printed text



How can the Minnesota STAR Program help?



Device Demonstration



- Requested by individual or small group
- Demonstrate 1 or more devices

- Assists with decision making



Device Loan

- Short term loan (30-days or less)
- Open-ended loan
- Assists with decision making
- Temporary replacement



Tools For Your Future Sample



Introduction

Federal Definition *

Vision

Hearing

Communication

Motor

Learning and Cognition

Summary

Part 3

The third and final part of the definition says "that is used to increase, maintain, or improve functional capabilities of individuals with disabilities."

This means that the AT helps you do something you wouldn't be able to do without it.

Click on each video to hear how others have used assistive technology at school and at work.



Thank-you!



Come visit our booth
in the exhibit area!

Contact STAR

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