

IOWA LONG-TERM SUPPORT CHARTBOOK

SUBMITTED TO THE IOWA DEPARTMENT ON AGING
SEPTEMBER 28, 2010

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INTRODUCTION

- This chartbook provides an overview of Iowa's long-term care and support system. Data include:
 - Demographic indicators of long-term support demand
 - Utilization and expenditures data for public services:
 - Data for all populations that receive long-term support
 - Data for people of all ages
- Comparisons to the national average and neighboring states are included when data are available
- This chartbook updates data from the Iowa State Profile for 2004 – 2008. The most recent complete data for most sources is 2009.
- We thank the many individuals throughout Iowa's state government who provided data for this update.

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- Demographic Data
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- Services for Adults with Physical Disabilities
- Services for Adults with Intellectual Disability
- Services for Adults with Mental Illness
- Services for Children with Disabilities or Special Health Care Needs

SUMMARY OF FINDINGS



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SUMMARY OF FINDINGS

- Iowans have approximately the same incidence of disability as other Americans
- Iowans rely more on institutional services than most states, with the exception of mental health institutions
- Since 2004, Iowa has steadily reduced institutional utilization and increased community services
- Long-term support expenditures have increased 4% to 5% each year since 2006. This increase is an average of 2% after adjusting for population growth and inflation.

DEMOGRAPHIC DATA

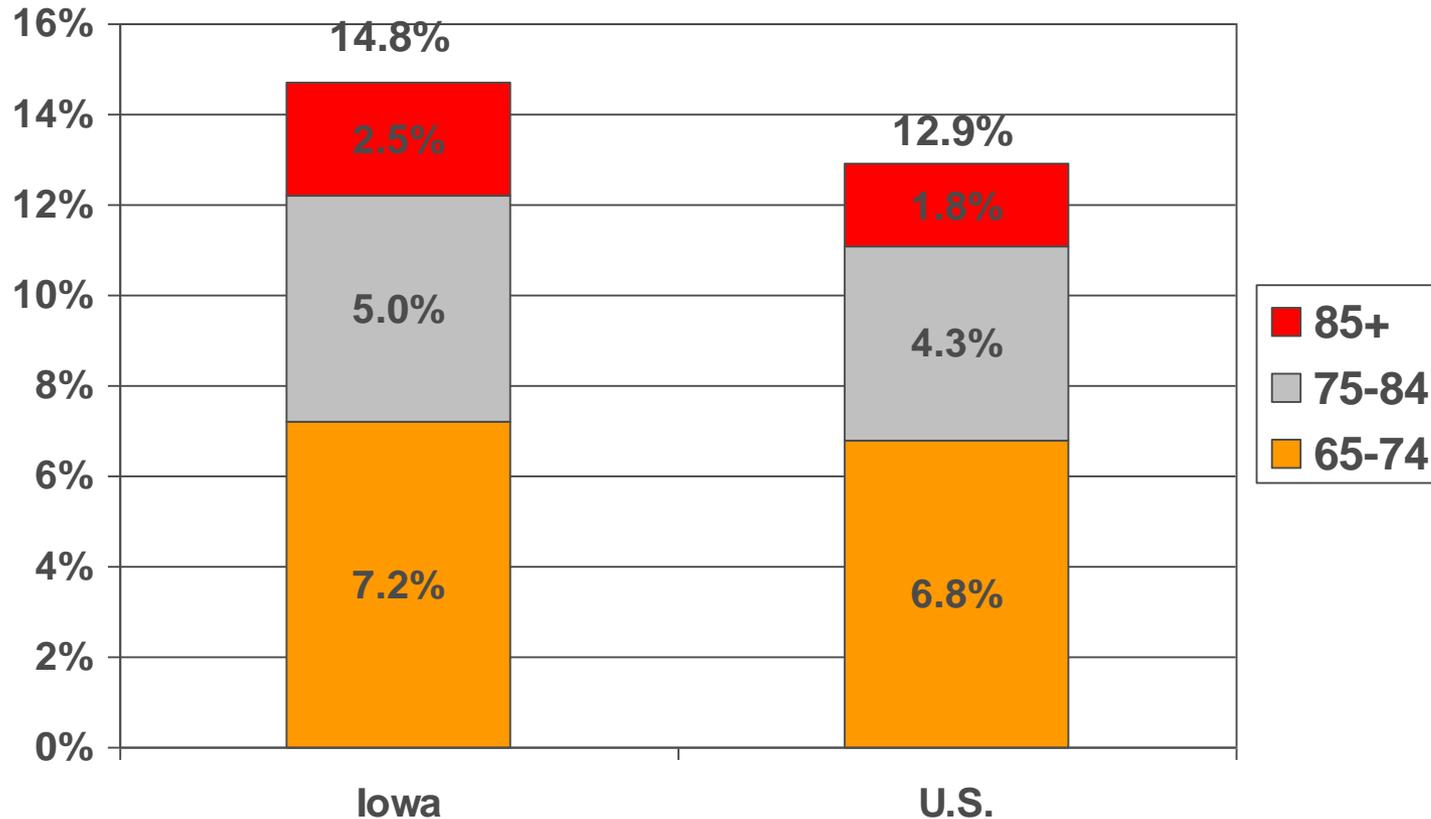


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DEMOGRAPHIC DATA - SUMMARY

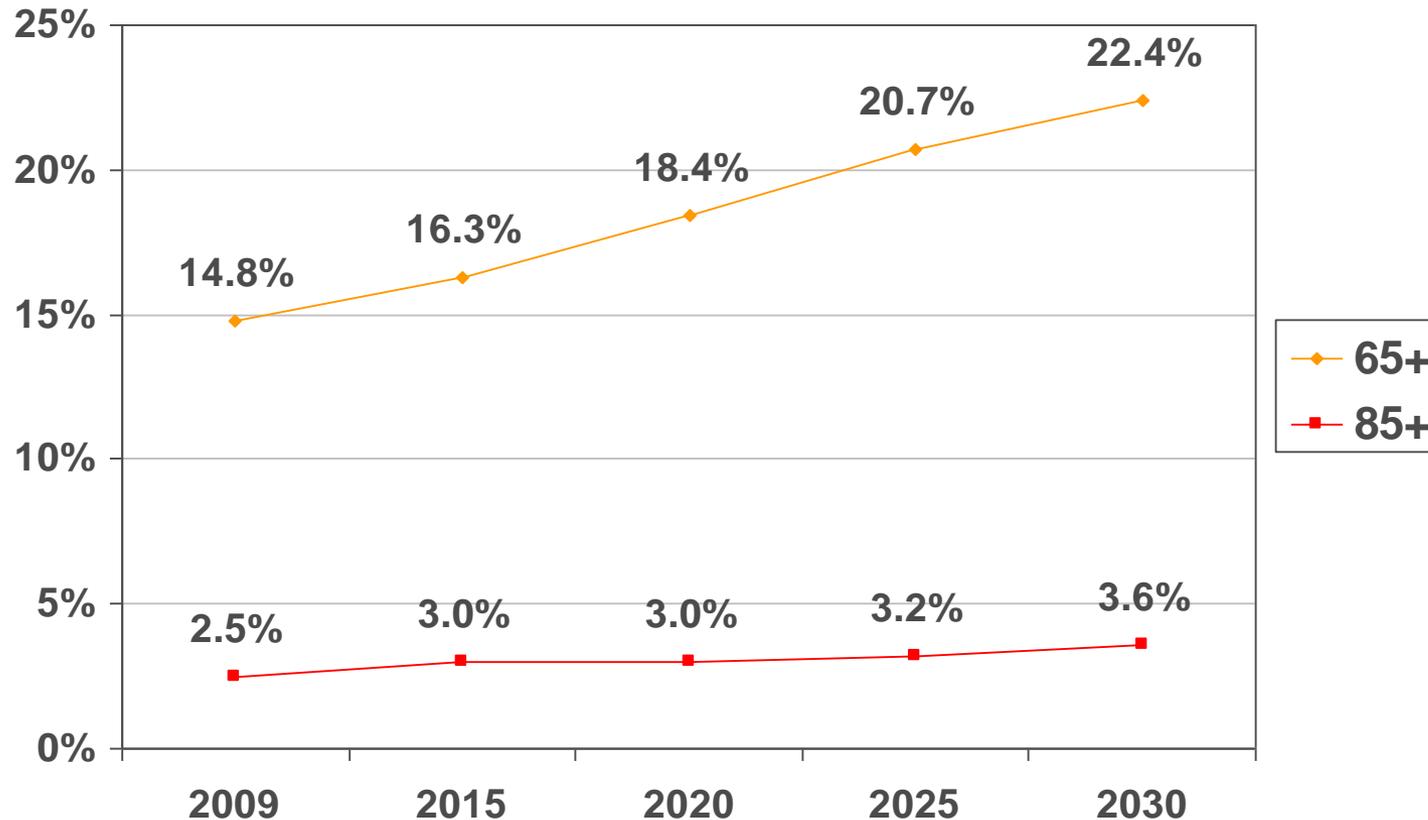
- Iowa has a higher percentage of older adults, who are more likely to need long-term support, than the U.S.
- The percentage of Iowa's population who are 65 or older is projected to increase dramatically between 2009 and 2030
- Iowa has a lower disability rate than the national average for older adults, and for adults age 18 - 64
- Iowa has a slightly higher percentage of children with disabilities compared to the U.S.
- For total population, the disability rate for Iowa's total population is almost identical to the U.S.

PERCENTAGE OF TOTAL POPULATION AGE 65 OR OLDER, 2009



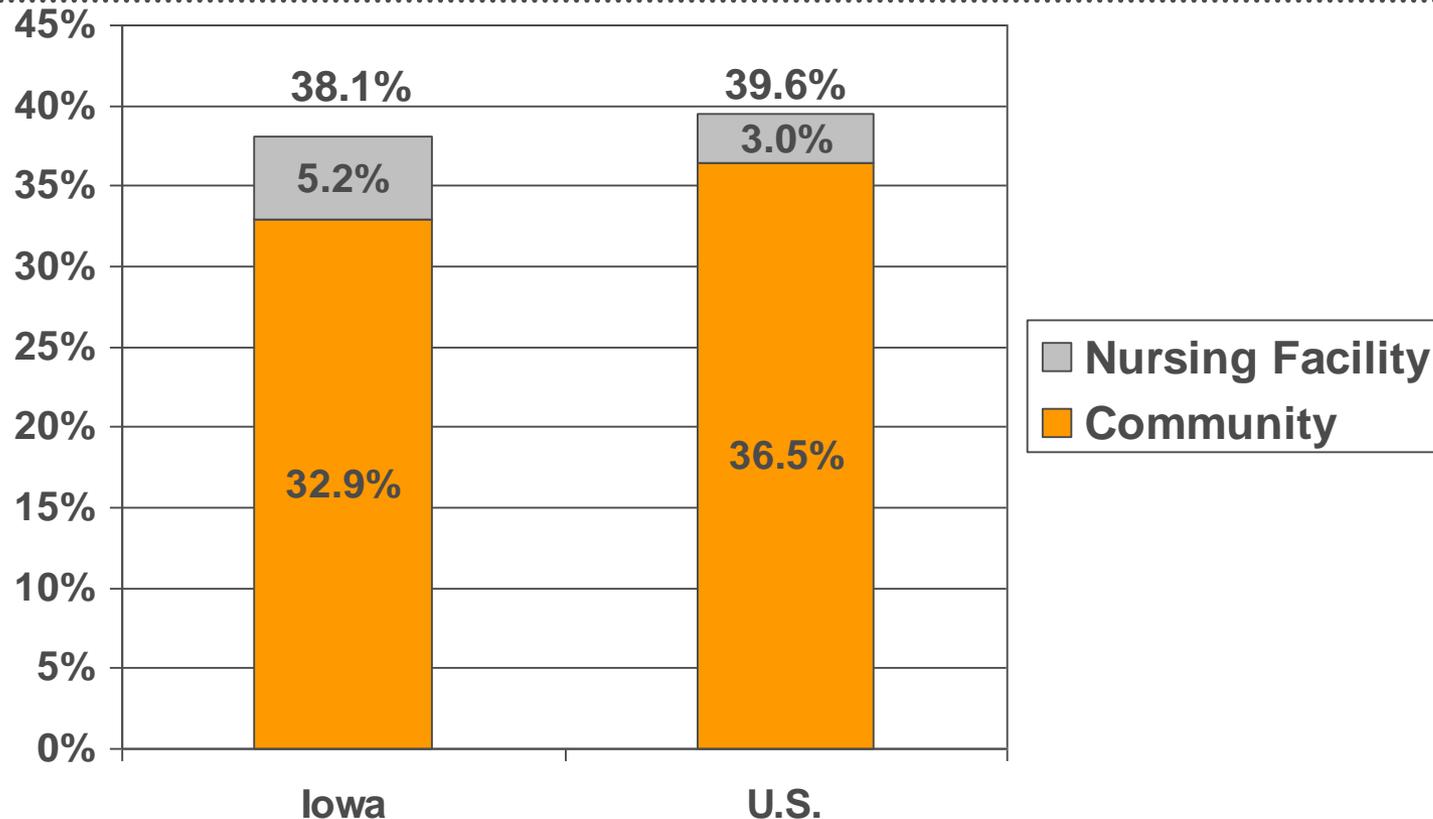
Source: U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

PROJECTED GROWTH IN OLDER IOWANS AS A PERCENTAGE OF TOTAL POPULATION



Source: U.S. Census Bureau “Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009” June 2010

ESTIMATED PERCENTAGE OF PEOPLE AGE 65 OR OLDER WHO HAVE A DISABILITY, 2008



Sources:

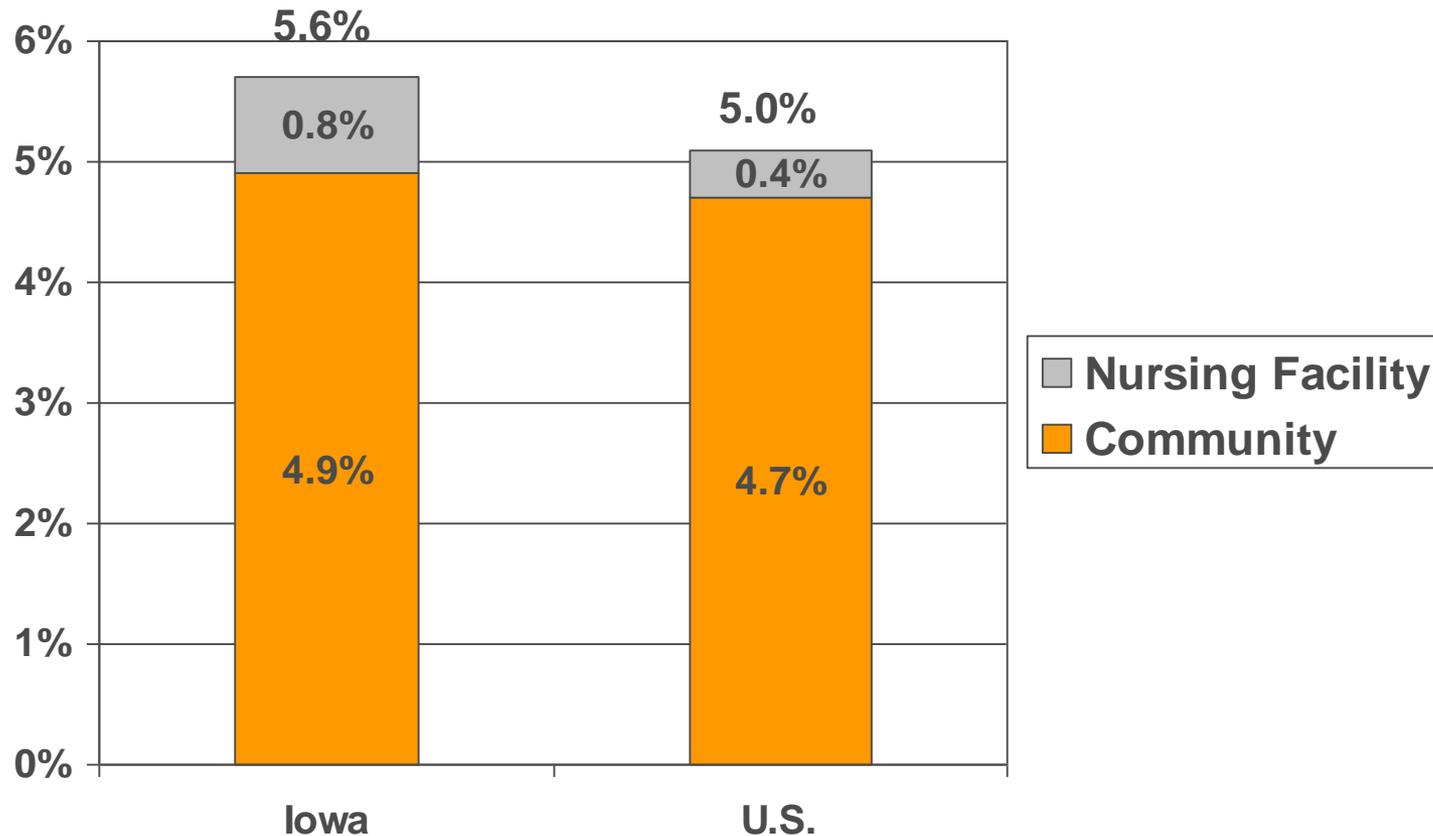
U.S. Census Bureau *American Community Survey* 2008

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, *MDS 2.0 Active Resident Information Report* for Second Quarter of 2008



EST. NUMBER OF PEOPLE AGE 65+ WITH A DISABILITY, SHARE OF TOTAL POPULATION, 2008



Sources:

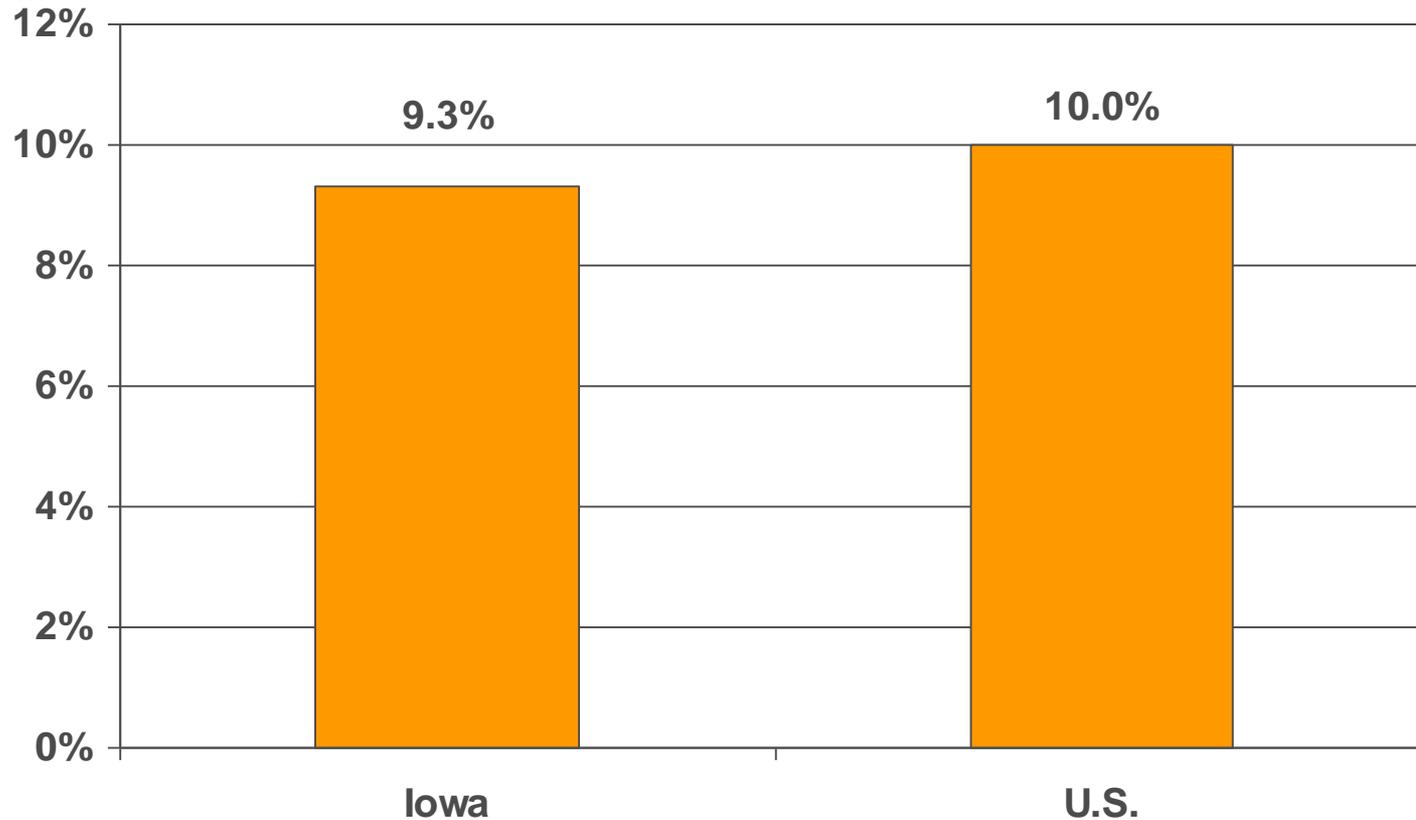
U.S. Census Bureau *American Community Survey* 2008

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2008



ESTIMATED PERCENTAGE OF PEOPLE AGE 18 – 64 WHO HAVE A DISABILITY, 2008



Sources:

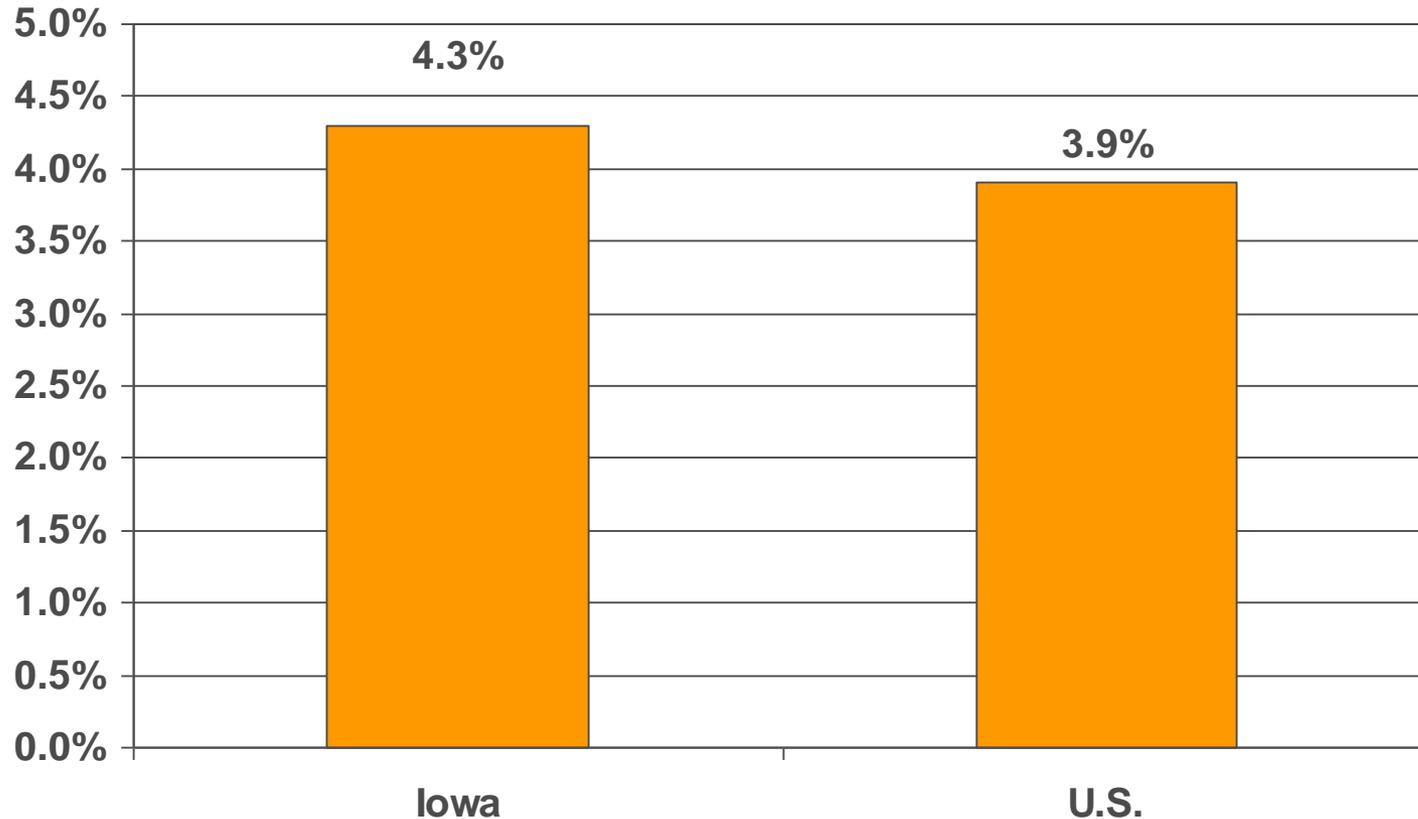
U.S. Census Bureau *American Community Survey 2008*

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2008



ESTIMATED PERCENTAGE OF CHILDREN AGE 0 – 17 WHO HAVE A DISABILITY, 2008



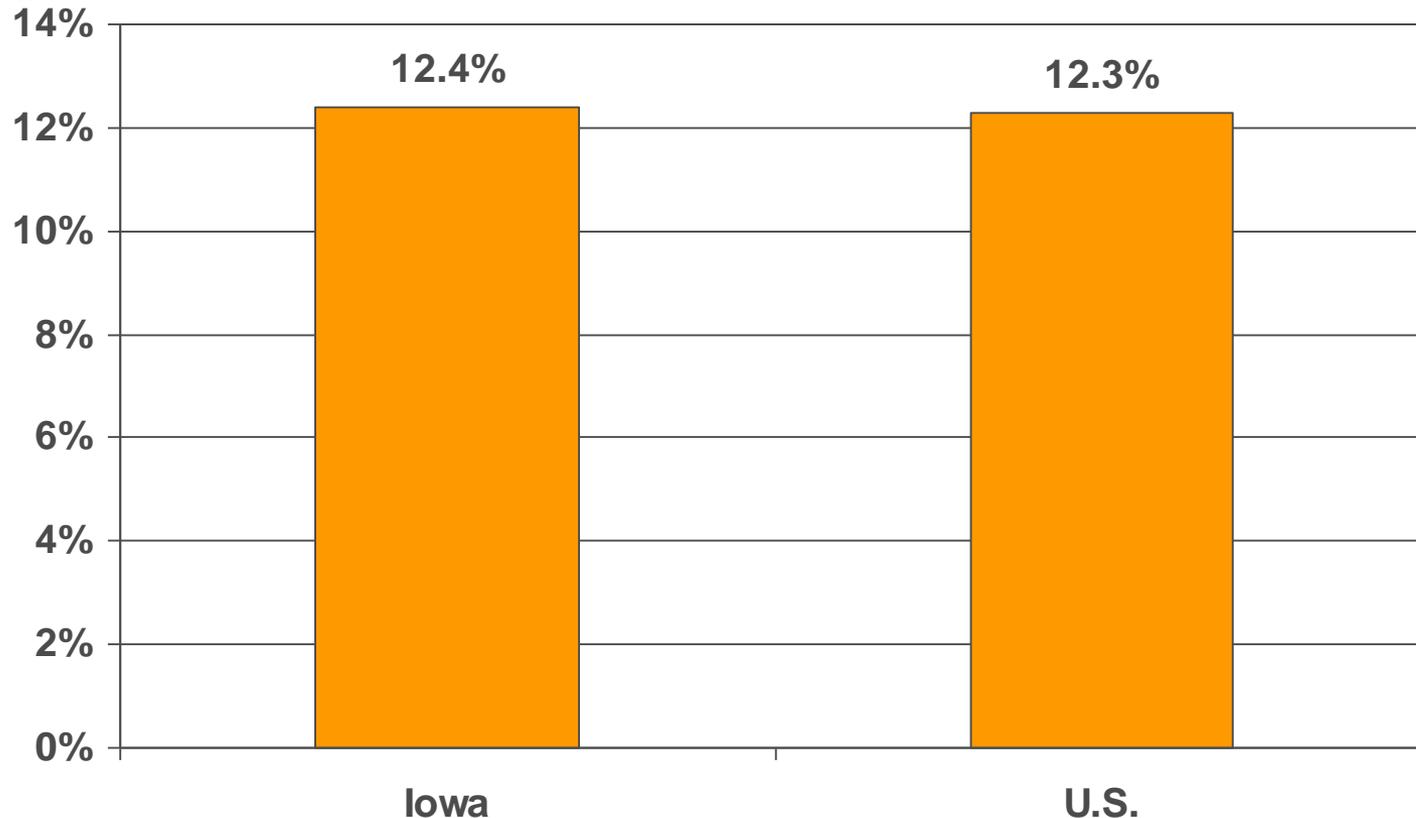
Sources:

U.S. Census Bureau *American Community Survey* 2008

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



ESTIMATED PERCENTAGE OF TOTAL POPULATION WHO HAVE A DISABILITY, 2008



Sources:

U.S. Census Bureau *American Community Survey 2008*

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2008



OVERVIEW OF UTILIZATION AND EXPENDITURES



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OVERVIEW OF UTILIZATION AND EXPENDITURES – SUMMARY

- The sum of federal, state, and county funding for long-term support in SFY 2009 was approximately \$2.3 billion
- Expenditures have increased 4 - 5% since SFY 2006.
- Expenditures increased 4 - 5% in SFY 2009, after adjusting for inflation and population growth. This is a higher increase because inflation was negative in 2008.

OVERVIEW OF UTILIZATION AND EXPENDITURES – SUMMARY, continued

- Iowa has a relatively high number of residents in nursing facilities and in large facilities for people with developmental disabilities
- Since 2004, Iowa has steadily reduced the use of Medicaid institutional services and increased community services.
- Iowa's expenditures for Medicaid services for older adults and people with physical disabilities were below average
- Iowa's expenditures for Medicaid services for people with developmental disabilities were above average
- Iowa spends a lower percentage of Medicaid long-term support expenditures on home and community based services than most states

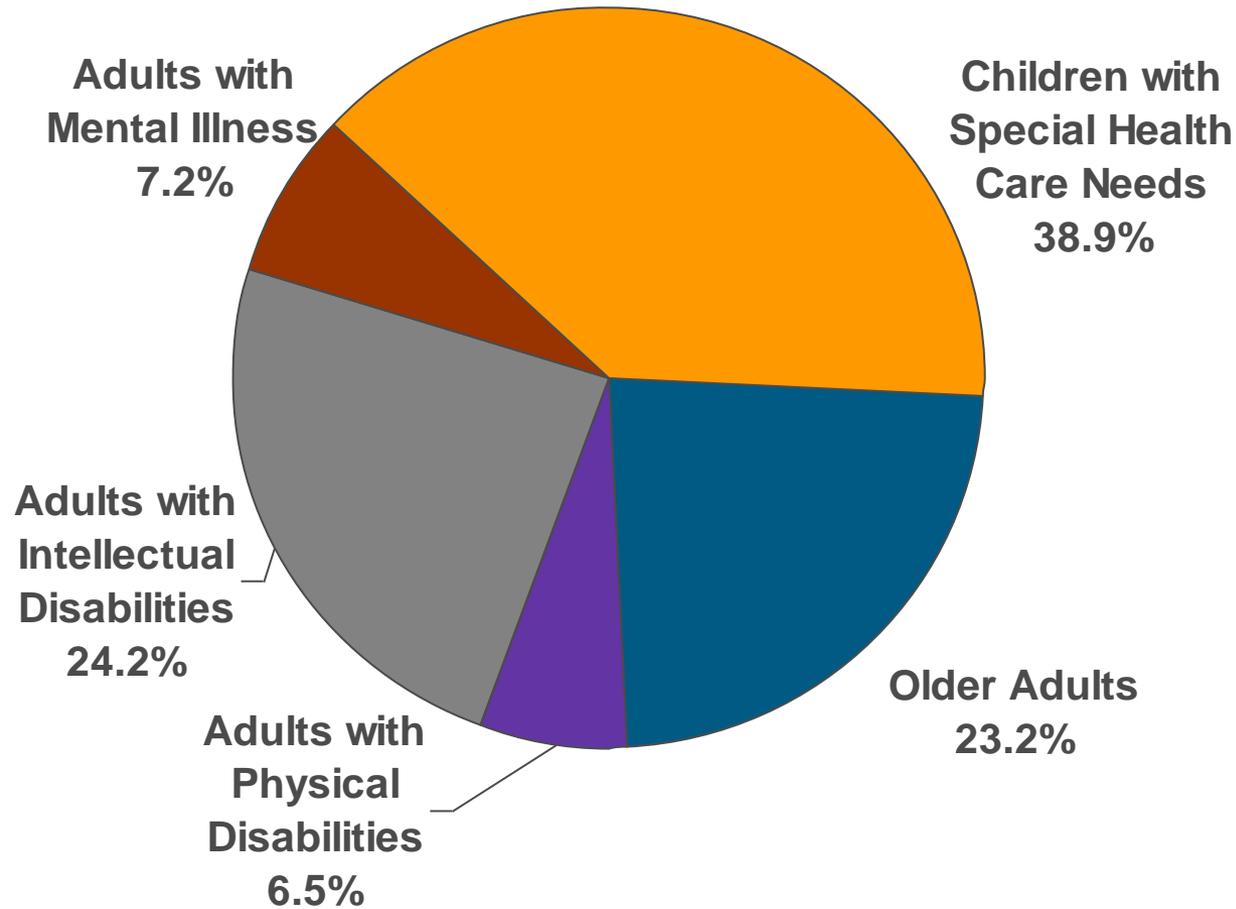
PUBLIC LONG-TERM SUPPORT SPENDING BY TARGET POPULATION, 2009

Population	Expenditures (in Millions)
Older Adults	\$533.6
Adults with Physical Disabilities	\$148.8
Adults with Intellectual Disabilities	\$555.6
Adults with Mental Illness	\$166.0
Children with Special Health Care Needs	\$894.9
Total	\$2,298.8

See Slides 41, 57, 67, 76, and 90 for sources.

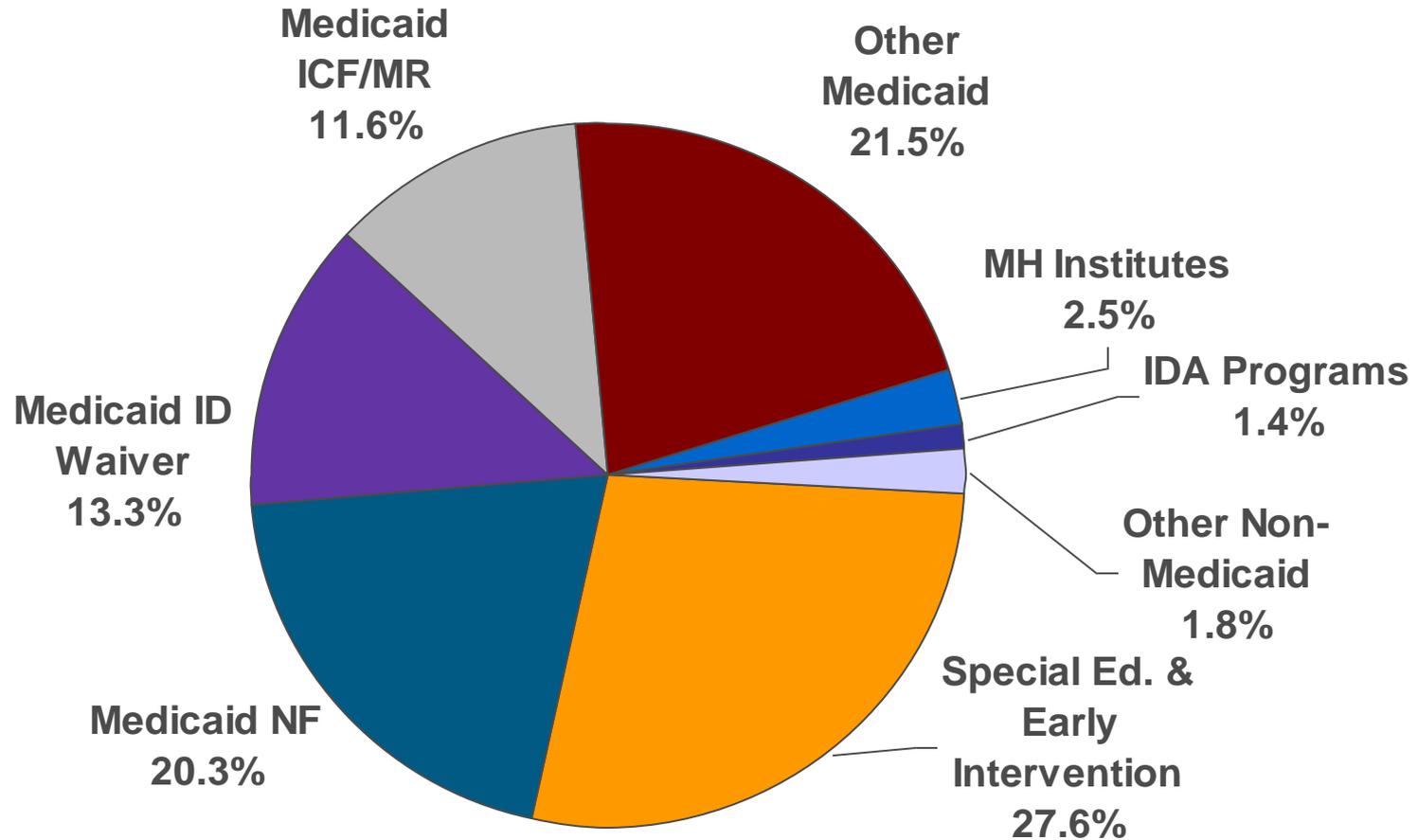


PUBLIC LONG-TERM SUPPORT EXPENDITURES BY TARGET POPULATION, SFY 2009



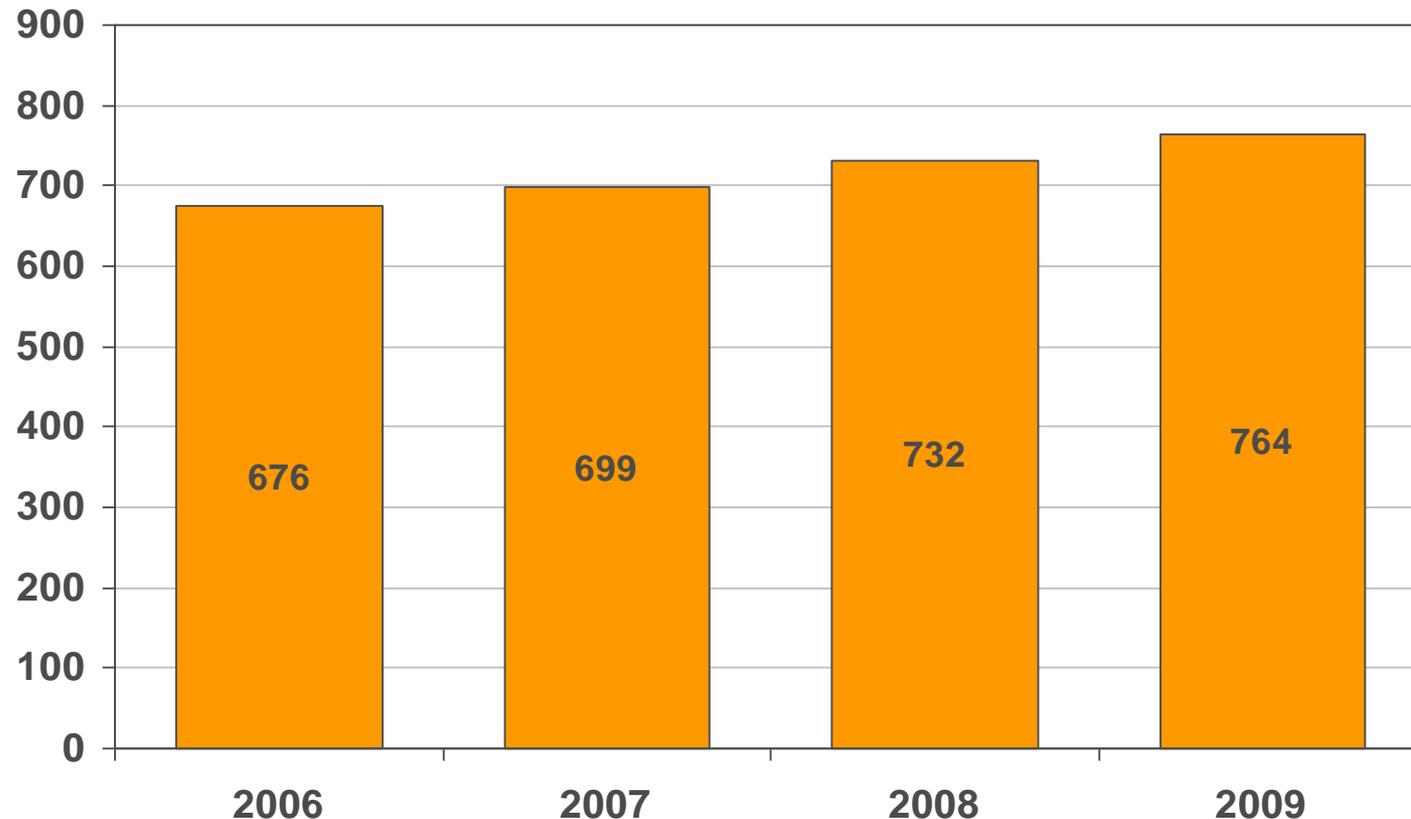
See Slides 41, 57, 67, 76, and 90 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES BY PROGRAM, SFY 2009



See Slides 41, 57, 67, 76, and 90 for sources.

PUBLIC LONG-TERM SUPPORT SPENDING PER STATE RESIDENT, 2006 - 2009

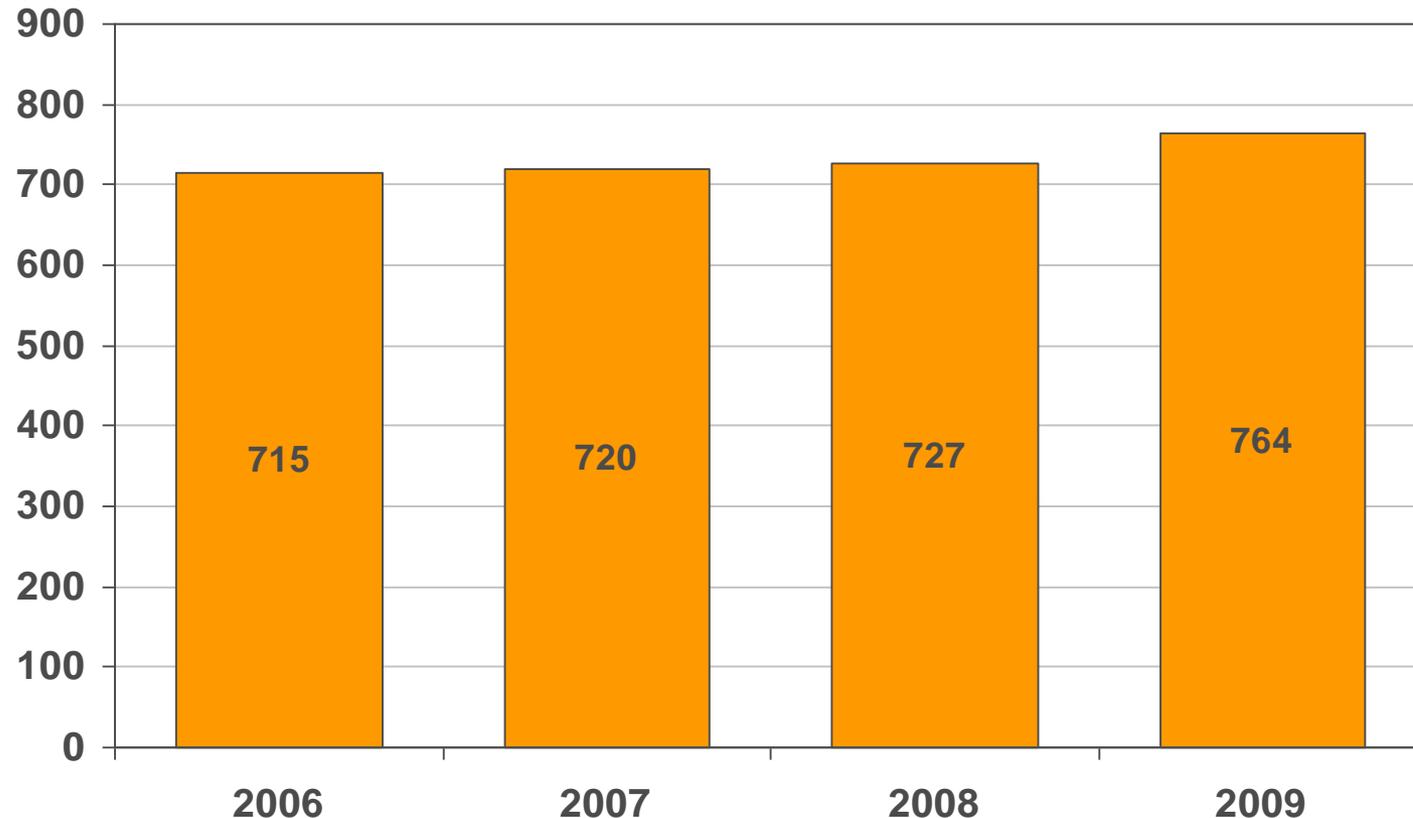


Sources:

See Slides 41, 57, 67, 76, and 90 for expenditures sources.

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

PUBLIC LONG-TERM SUPPORT SPENDING PER STATE RESIDENT, ADJUSTING FOR INFLATION, 2006 - 2009



Sources:

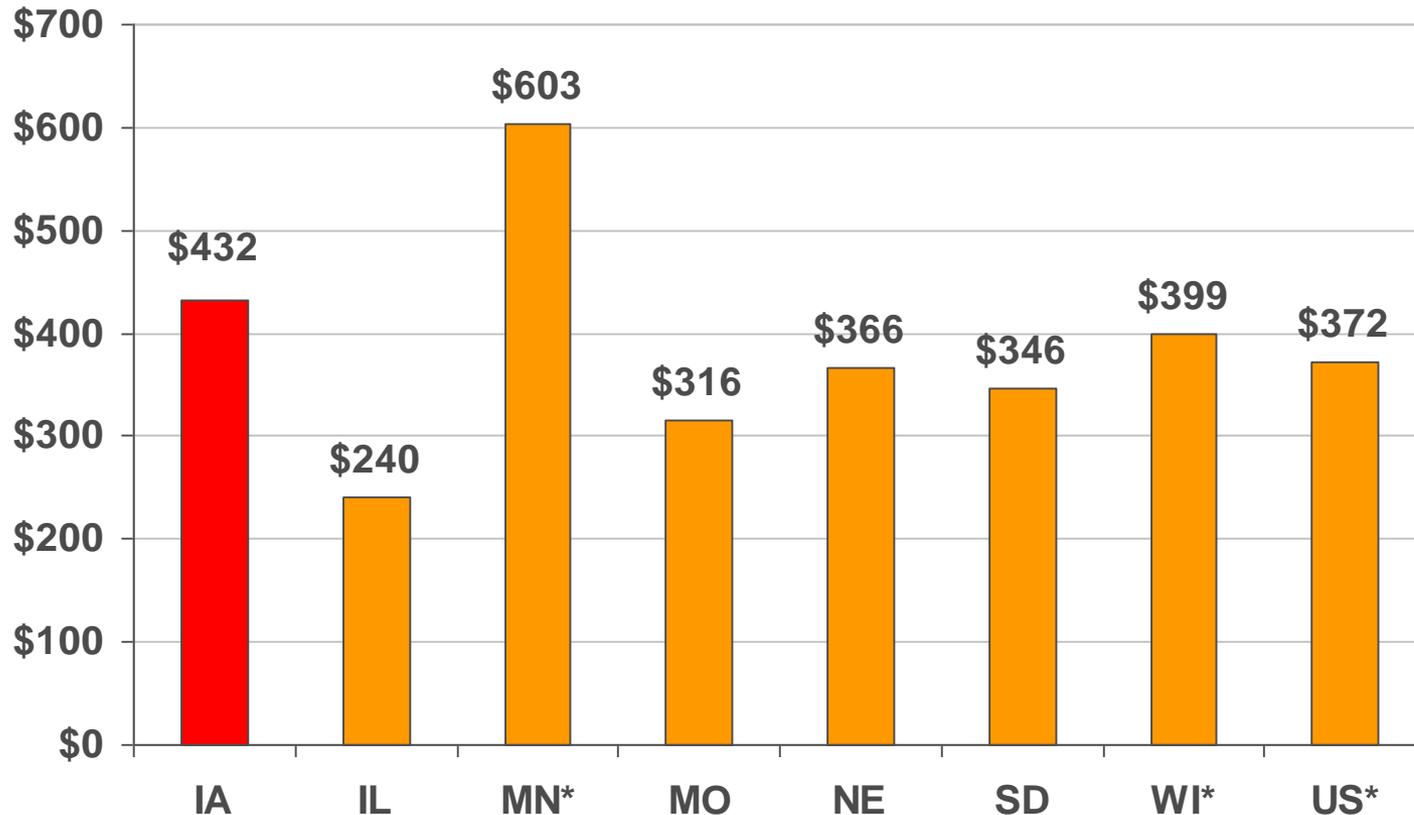
See Slides 40, 56, 66, 75, and 89 for expenditures sources.

U.S. Department Of Labor, Bureau of Labor Statistics annual reports of Consumer Price Index for All Urban Consumers (CPI-U), Midwest Region

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



MEDICAID LONG-TERM SUPPORT (LTS) EXPENDITURES PER CAPITA, FEDERAL FISCAL YEAR (FFY) 2009

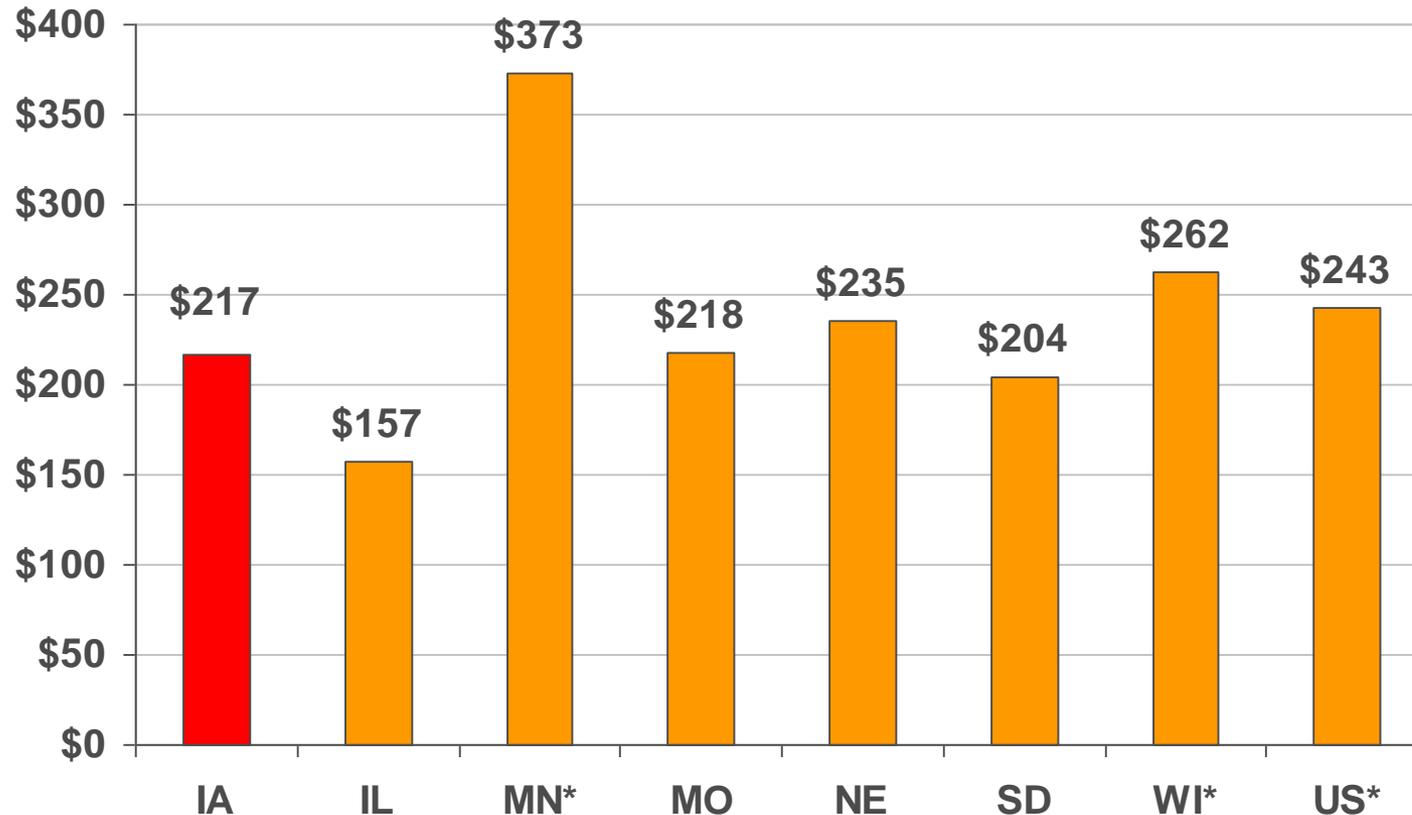


* Data do not include expenditures for managed care programs.

Source: Eiken, Steve; Sredl, Kate; Burwell, Brian; and Gold, Lisa "Medicaid Long-Term Care Expenditures in FY 2009" Thomson Reuters: August 17, 2010



MEDICAID LTS EXPENDITURES FOR OLDER ADULTS AND PEOPLE WITH PHYSICAL DISABILITIES PER CAPITA, FFY 2009

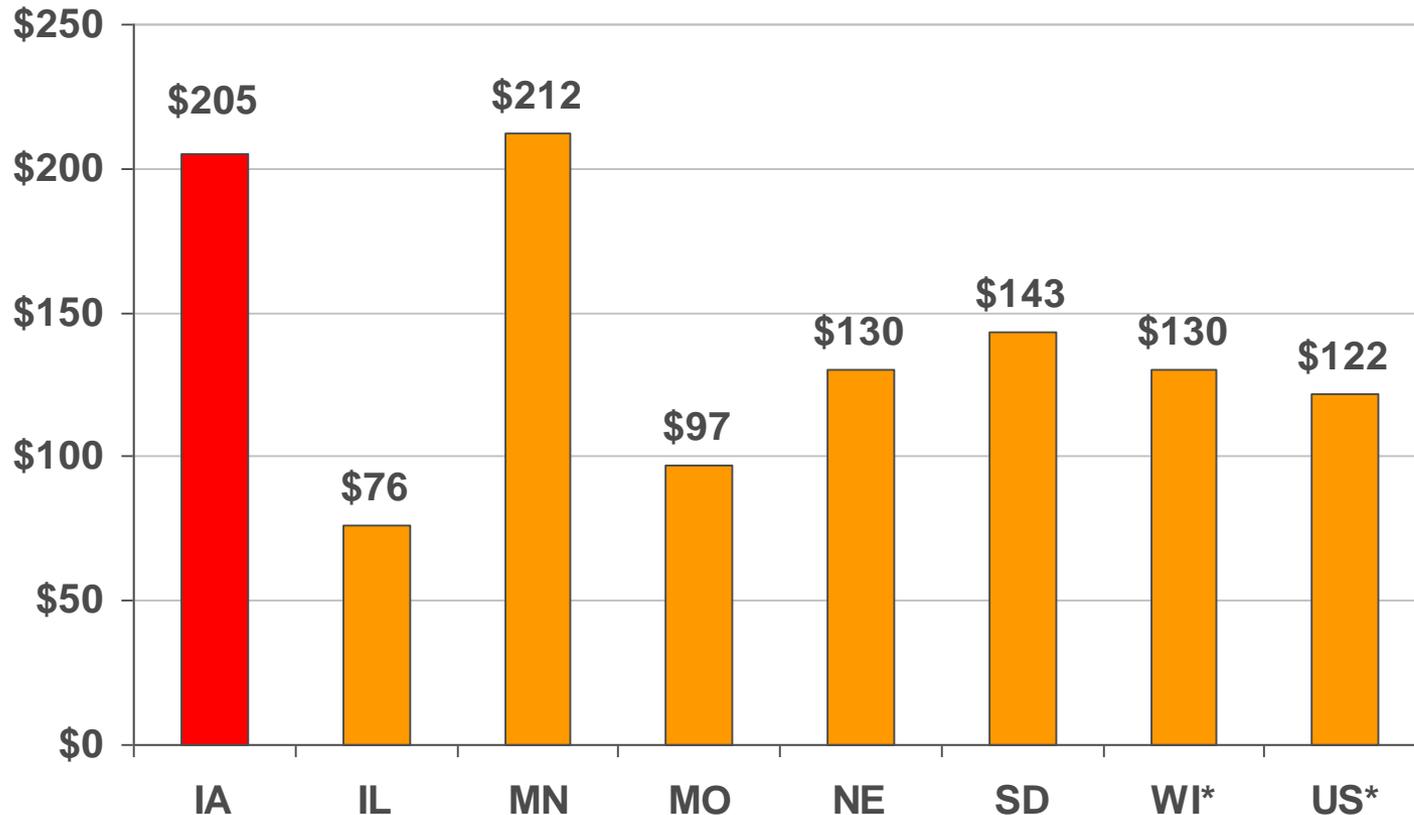


* Data do not include expenditures for managed care programs.

Source: Eiken, Steve; Sredl, Kate; Burwell, Brian; and Gold, Lisa "Medicaid Long-Term Care Expenditures in FY 2009" Thomson Reuters: August 17, 2010



MEDICAID LTS EXPENDITURES FOR PEOPLE WITH DEVELOPMENTAL DISABILITIES PER CAPITA, FFY 2009



* Data do not include expenditures for managed care programs.

Source: Eiken, Steve; Sredl, Kate; Burwell, Brian; and Gold, Lisa "Medicaid Long-Term Care Expenditures in FY 2009" Thomson Reuters: August 17, 2010

PERCENTAGE OF MEDICAID LTS EXPENDITURES FOR COMMUNITY SERVICES, FFY 2009

	Total	Older Adults and People with Physical Disabilities	People with Developmental Disabilities
IA	41%	30%	50%
IL	30%	20%	45%
MN*	68%	46%	84%
MO	46%	12%	74%
NE	42%	22%	71%
SD	41%	13%	80%
WI*	39%	16%	62%
US*	44%	34%	66%

* Data do not include expenditures for managed care programs.

Source: Eiken, Steve; Sredl, Kate; Burwell, Brian; and Gold, Lisa “Medicaid Long-Term Care Expenditures in FY 2009” Thomson Reuters: August 17, 2010



RESIDENTS OF INSTITUTIONAL LONG-TERM SUPPORT FACILITIES PER 100,000 POPULATION

	Nursing Facilities	Facilities for >16 people with Developmental Disabilities	State Mental Health Hospitals
Date	June 2009	June 2008	July 2007
Iowa	837.1	61.8	6.8
United States	445.1	18.9	15.4

Sources:

U.S. Census Bureau “Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009” June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2009

Lakin, K. Charlie; Larson, Sheryl; Salmi, Pat; Scott, Naomi (eds.) *Residential Services for Persons with Developmental Disabilities: Status and Trend Through 2008* University of Minnesota Institute for Community Integration: 2009

U.S. Substance Abuse and Mental Health Services Administration *2008 CMHS Uniform Reporting System Output Tables* July 24, 2009 (U.S. data do not include Ohio, which did not report data)



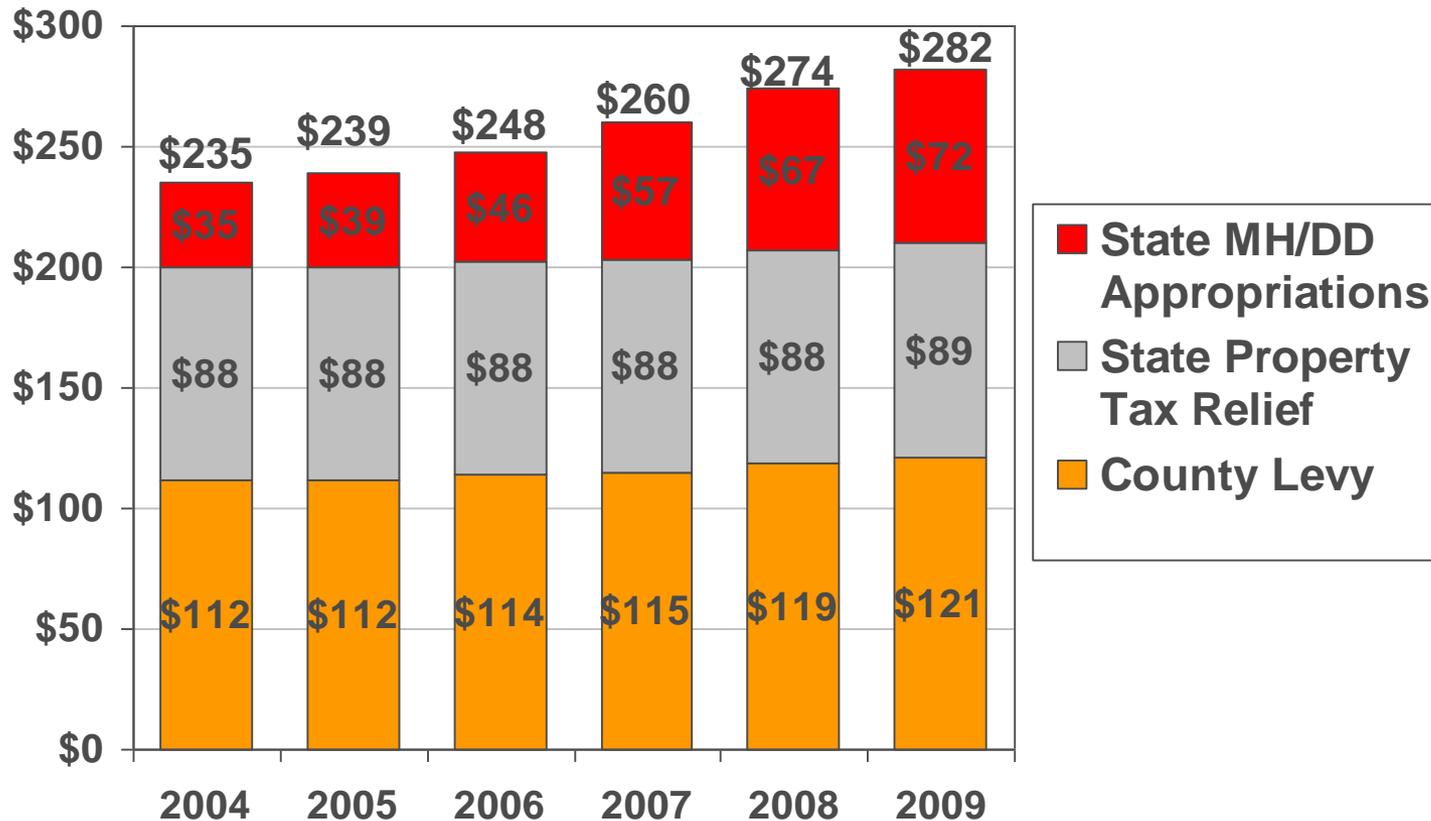
CHANGE IN UTILIZATION OF MOST COMMON IOWA MEDICAID LONG-TERM SUPPORT SERVICES, 2004 - 2009

	2004	2009	Avg. Annual % Change
Nursing Facility Participants	20,792	20,932	0.1%
NF Days (thousands)	5,092	4,392	-2.9%
ICF/MR Participants	2,346	2,176	-1.5%
ICF/MR Days (thousands)	787	698	-2.5%
HCBS			
Home Health Nursing	17,073	26,228	9.0%
Home Health Aide	6,134	6,670	1.7%
Elderly Waiver	8,035	12,309	8.9%
ID Waiver	7,618	11,645	8.9%
IH Waiver	2,123	2,825	5.9%

Source: Data provided by the Iowa Department of Human Services, Iowa Medicaid Enterprise in November and December 2008 and July - September 2010.



COUNTY AND STATE FUNDING FOR MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES SERVICES, IN MILLIONS, 2004 - 2009



Sources:

Iowa State Association of Counties *County Financial Overview* reports produced annually

Iowa Department of Management *Iowa Fiscal Year* reports produced annually

WORKFORCE

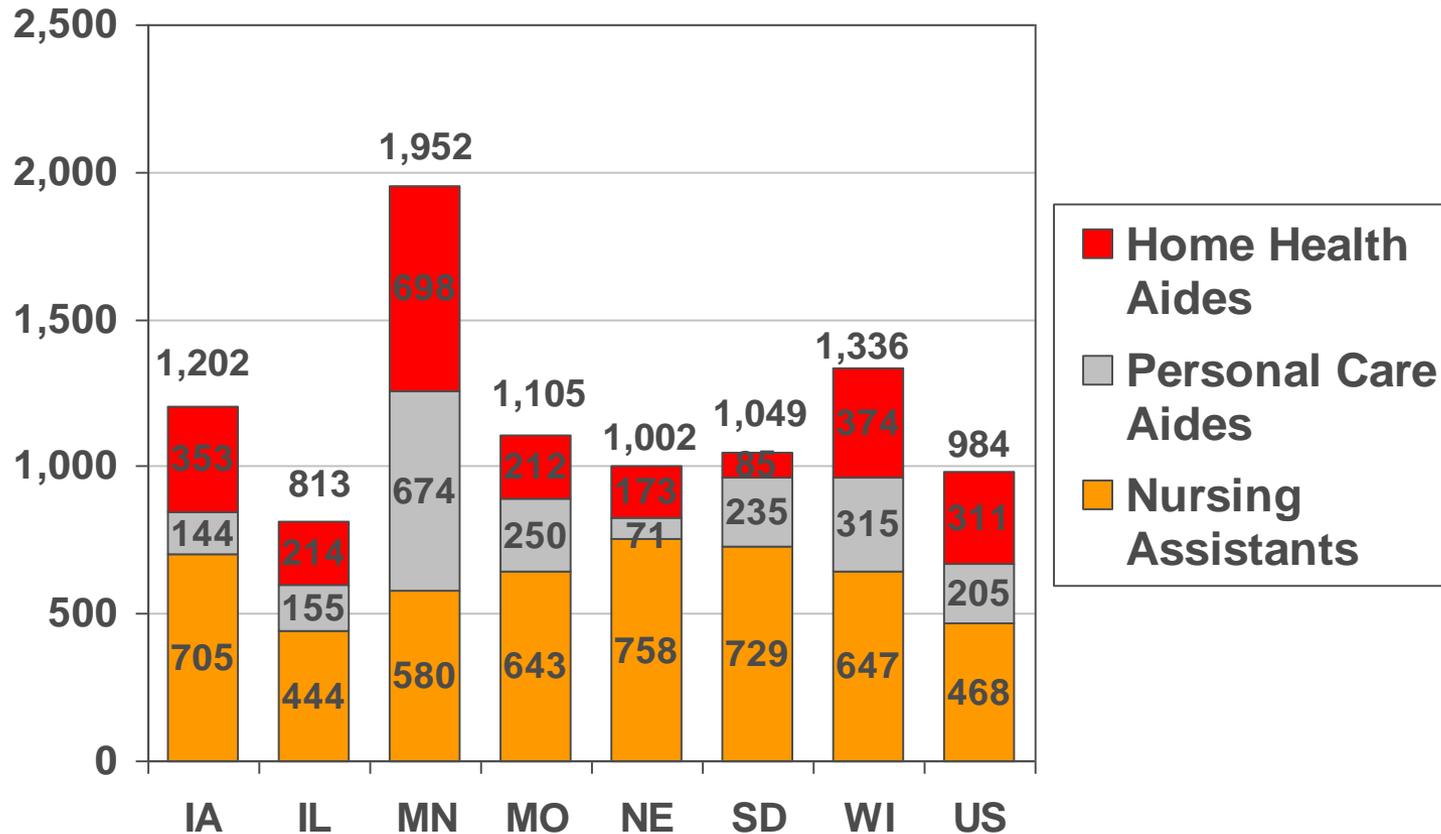


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WORKFORCE - SUMMARY

- Iowa has more direct care workers than the national average and most neighboring states
- Iowa has more nursing assistants, who primarily work in nursing facilities, than the U.S. or neighboring states
- Median wages for direct care workers in Iowa are close to U.S. figures
- Registered Nurses in Iowa are paid 20% below the U.S. median, although the number of RNs in Iowa is comparable to neighboring states and the U.S.

DIRECT SUPPORT WORKERS IN THE THREE MOST COMMON EMPLOYMENT CATEGORIES, PER 100,000 POPULATION, MAY 2009



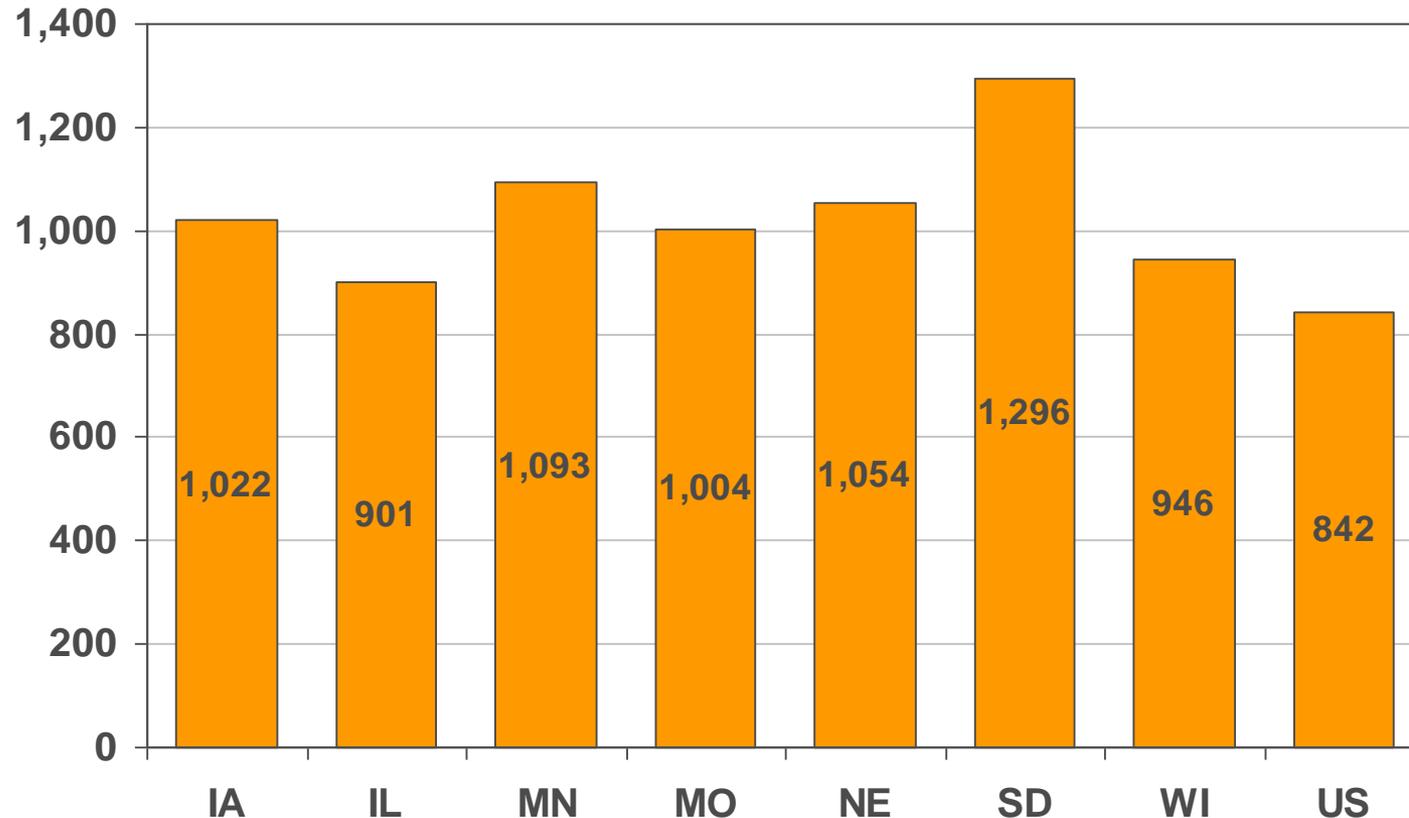
Sources:

U.S. Bureau of Labor Statistics *Occupational and Employment Statistics Estimates for May 2009*
 April 6, 2010

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



REGISTERED NURSES PER 100,000 POPULATION, MAY 2009



Sources:

U.S. Bureau of Labor Statistics *Occupational and Employment Statistics Estimates for May 2009*
April 6, 2010

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



MEDIAN WAGES FOR SELECT HEALTH AND LONG-TERM SUPPORT PROFESSIONS, MAY 2009

	Registered Nurses	Nursing Aides	Personal and Home Care Aides	Home Health Aides
Iowa	\$24.15	\$11.29	\$9.48	\$10.37
United States	\$30.65	\$11.56	\$9.46	\$9.85

Source: U.S. Bureau of Labor Statistics *Occupational and Employment Statistics Estimates for May 2009* April 6, 2010

SERVICES FOR OLDER ADULTS



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SERVICES FOR OLDER ADULTS - SUMMARY

- More than 70% of public long-term support expenditures for older adults in 2009 were for Medicaid nursing facilities
- From 2004 to 2009, the largest increases in public long-term support utilization and expenditures were in Medicaid HCBS waivers, followed by home health nursing
- Older Iowans are more likely to live in nursing facilities than people age 65 or older in neighboring states and the U.S.
- Iowans pay privately for nursing facility services much more often than other Americans.



SERVICES FOR OLDER ADULTS – SUMMARY, continued

- Since 2004, a growing percentage of nursing facility residents have Medicare-funded stays, which tend to have a shorter length of stay
- Iowa's Elderly Waiver has lower expenditures per person served when compared to other states with separate waivers for older adults
- The number of assisted living beds doubled since 2004, while the number of beds in other facilities decreased

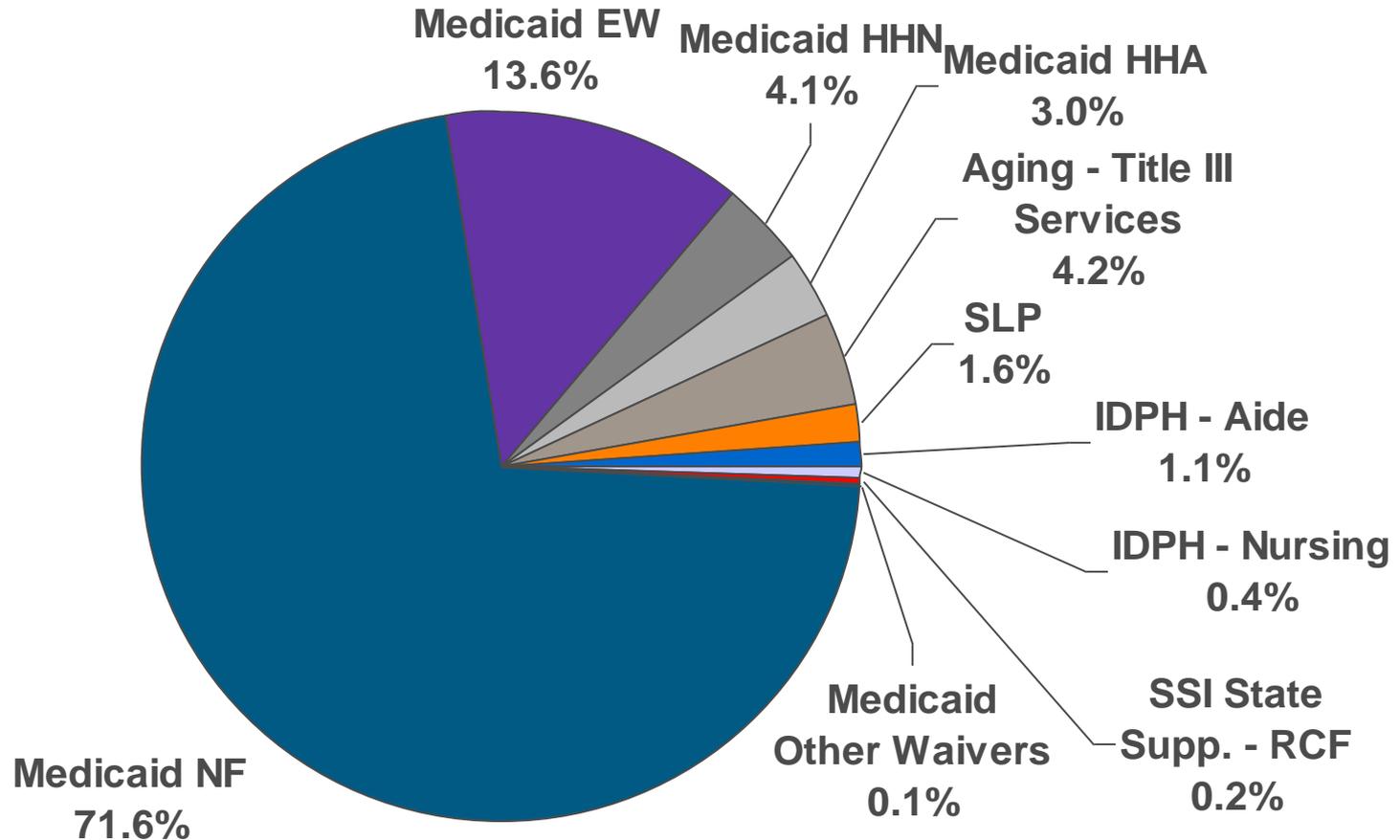
ADULTS AGE 60 OR OLDER RECEIVING PUBLIC LONG-TERM SUPPORT, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Nursing Facility	18,011	16,869	-1.3%
Elderly Waiver	8,035	12,309	8.9%
Home Health Nursing	6,716	8,130	3.9%
Home Health Aide*	4,133	4,457	1.5%
Ill & Handicapped Waiver	61	59	-0.7%
Other Waivers*	12	73	43.5%
Total Medicaid	32,835	37,440	2.7%
Aging Network	68,929	73,932	1.4%
SSI State Supp. RCF*	868	429	-13.1%
IDPH – Elder Wellness*	n/a	n/a	n/a

See Slide 41 for sources.



PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS AGE 60 OR OLDER, SFY 2009



See Slide 41 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS AGE 60 OR OLDER, IN MILLIONS, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Nursing Facility	\$359.5	\$382.2	1.2%
Elderly Waiver	\$32.3	\$72.5	17.5%
Home Health Nursing	\$14.8	\$21.7	8.0%
Home Health Aide	\$14.1	\$16.1	2.8%
Ill & Handicapped Waiver	\$0.2	\$0.2	-4.0%
Other Waivers*	\$0.03	\$0.3	54.2%
Total Medicaid	\$420.9	\$493.0	3.2%
Aging – Title III Services	\$21.2	\$22.6	1.3%
Senior Living Program	\$7.5	\$8.5	2.5%
IDPH – Aide	\$6.9	\$6.0	-2.9%
IDPH – Nursing	\$2.7	\$2.3	-3.2%
SSI State Supp. – RCF	\$2.3	\$1.3	-10.7%
Total	\$461.5	\$533.6	2.9%

See Slide 41 for sources.



SOURCES FOR DATA FOR SLIDES 38 - 40

- * Home Health Aide was not counted for Total Medicaid or for the overall Total to avoid double-counting these individuals. All home health aide participants must also receive home health nursing.
- * Other waivers are the Physical Disability, Brain Injury, and HIV/AIDS waivers. PD Waiver expenditures data by age group for 2009 are estimates based a) Total PD waiver expenditures data and b) an estimate of the percentage of expenditures for each age group.
- * 2005 participant data were used in the 2004 column for the SSI State Supplement because 2004 data for unduplicated participants were not available.
- * Participant data for the Iowa Department of Public Health Elder Wellness services were not available for most years. An estimated 10,617 people were served in SFY 2006.

Sources:

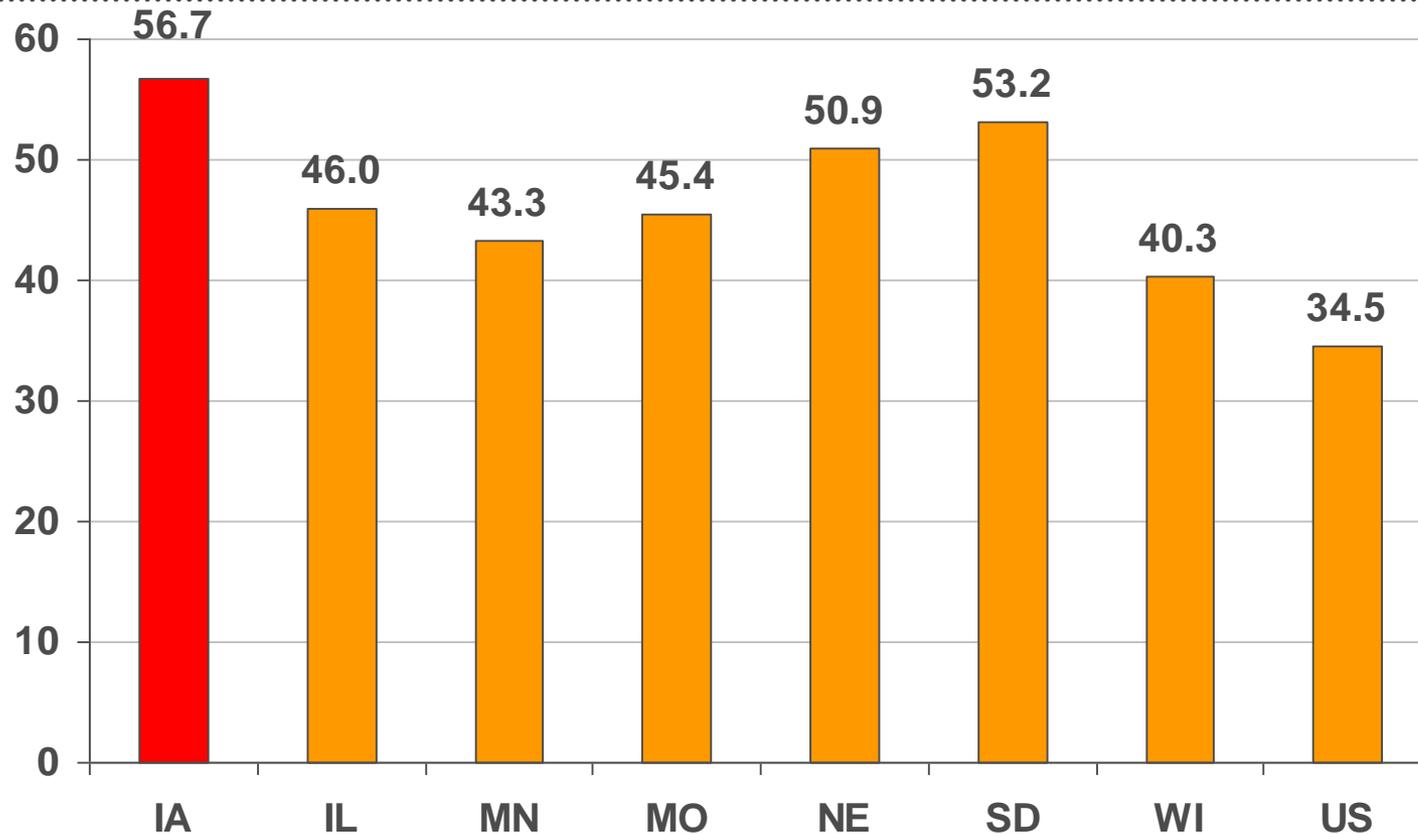
Medicaid data provided by the Iowa Department of Human Services, Iowa Medicaid Enterprise in November and December 2008 and July - September 2010.

Aging Network participant data are from annual INAPIS reports from the Iowa Department on Aging

Aging Network expenditures are from annual fiscal reports from the Iowa General Assembly, Legislative Services Agency



TOTAL NURSING FACILITY RESIDENTS PER 1,000 RESIDENTS AGE 65 OR OLDER, JUNE 30, 2009



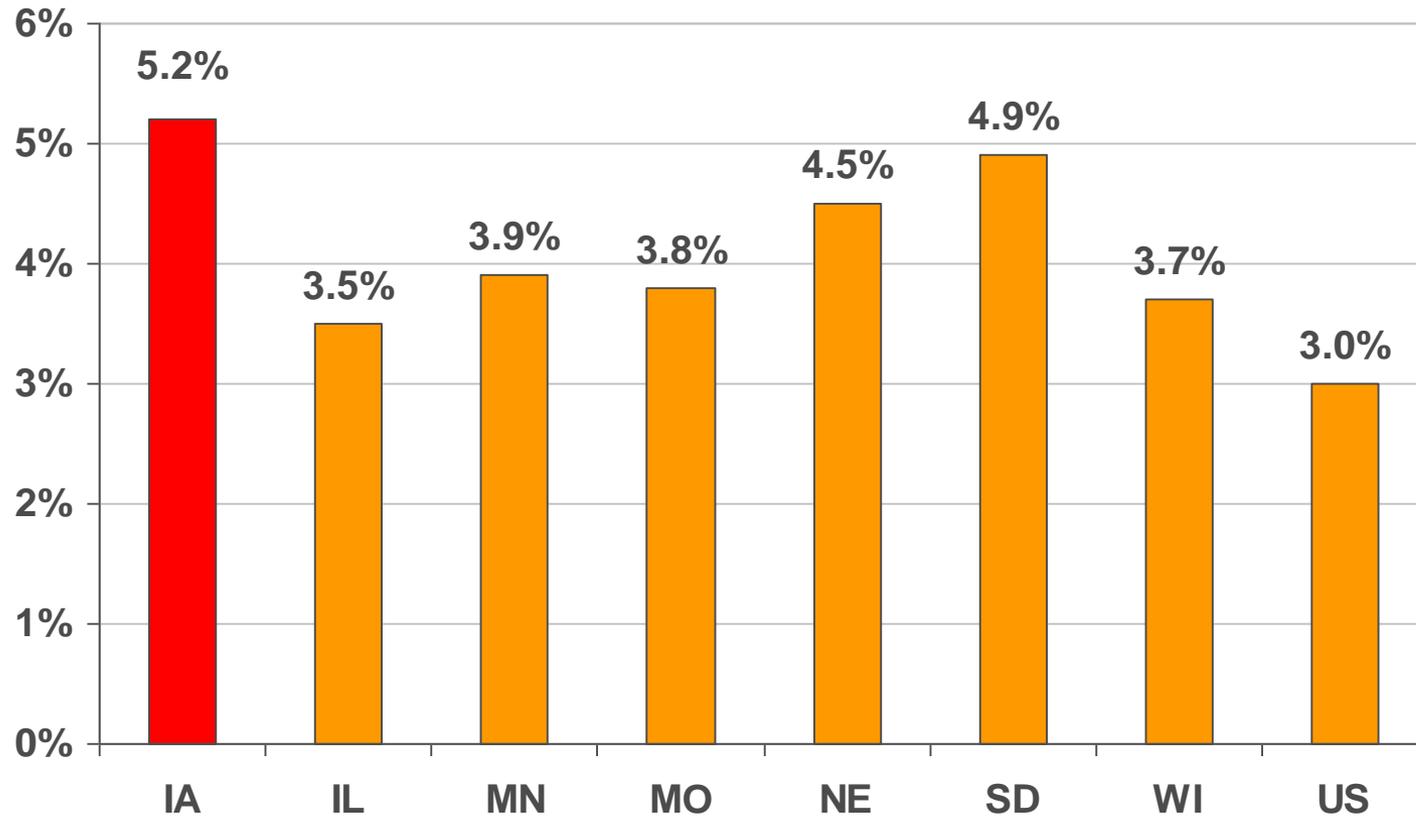
Sources:

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2009



PERCENTAGE OF RESIDENTS AGE 65 OR OLDER LIVING IN A NURSING FACILITY, JUNE 2009



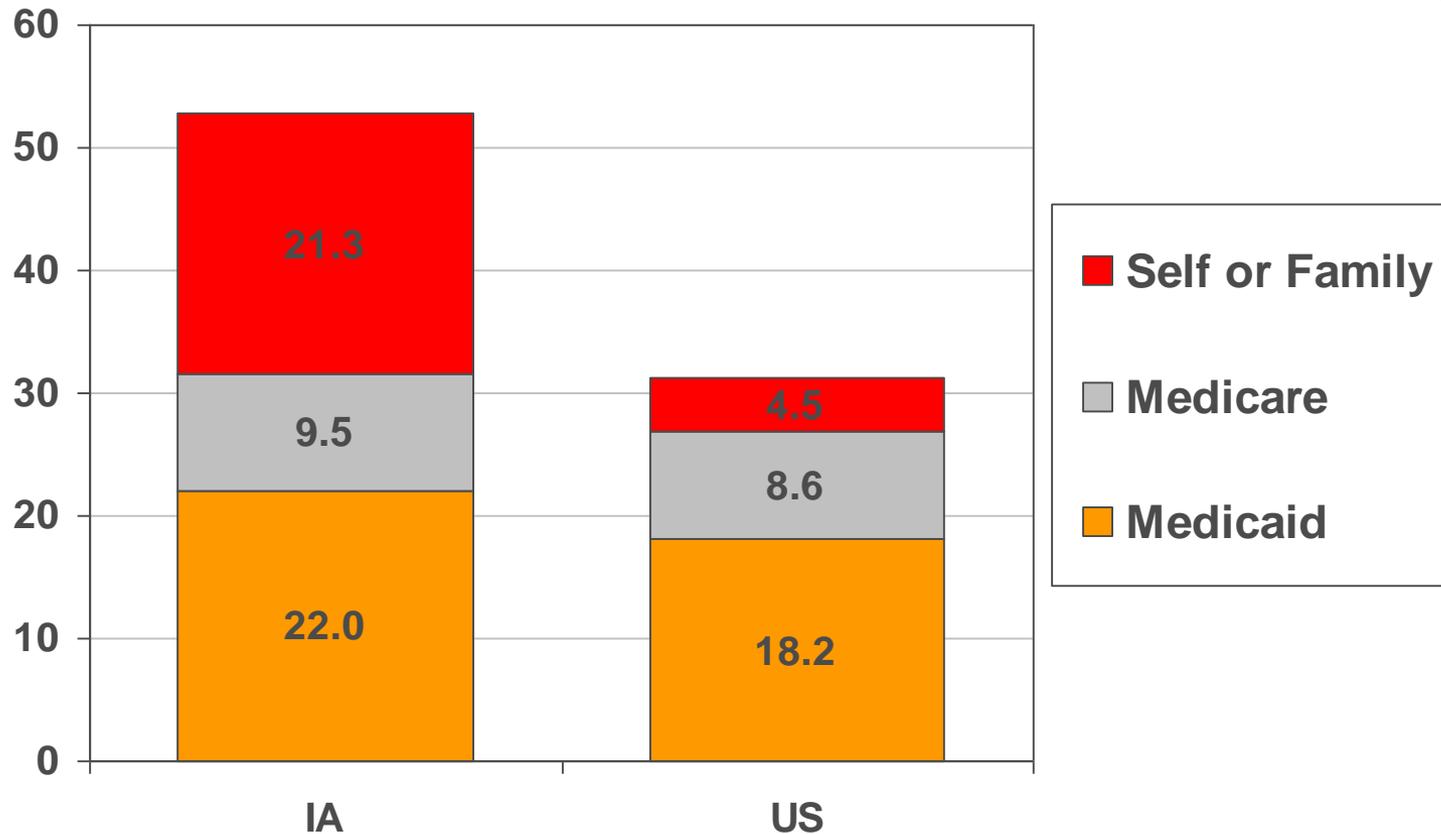
Sources:

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2009



TOTAL NURSING FACILITY RESIDENTS PER 1,000 POPULATION AGE 65 OR OLDER, BY PAYER, JUNE 2009



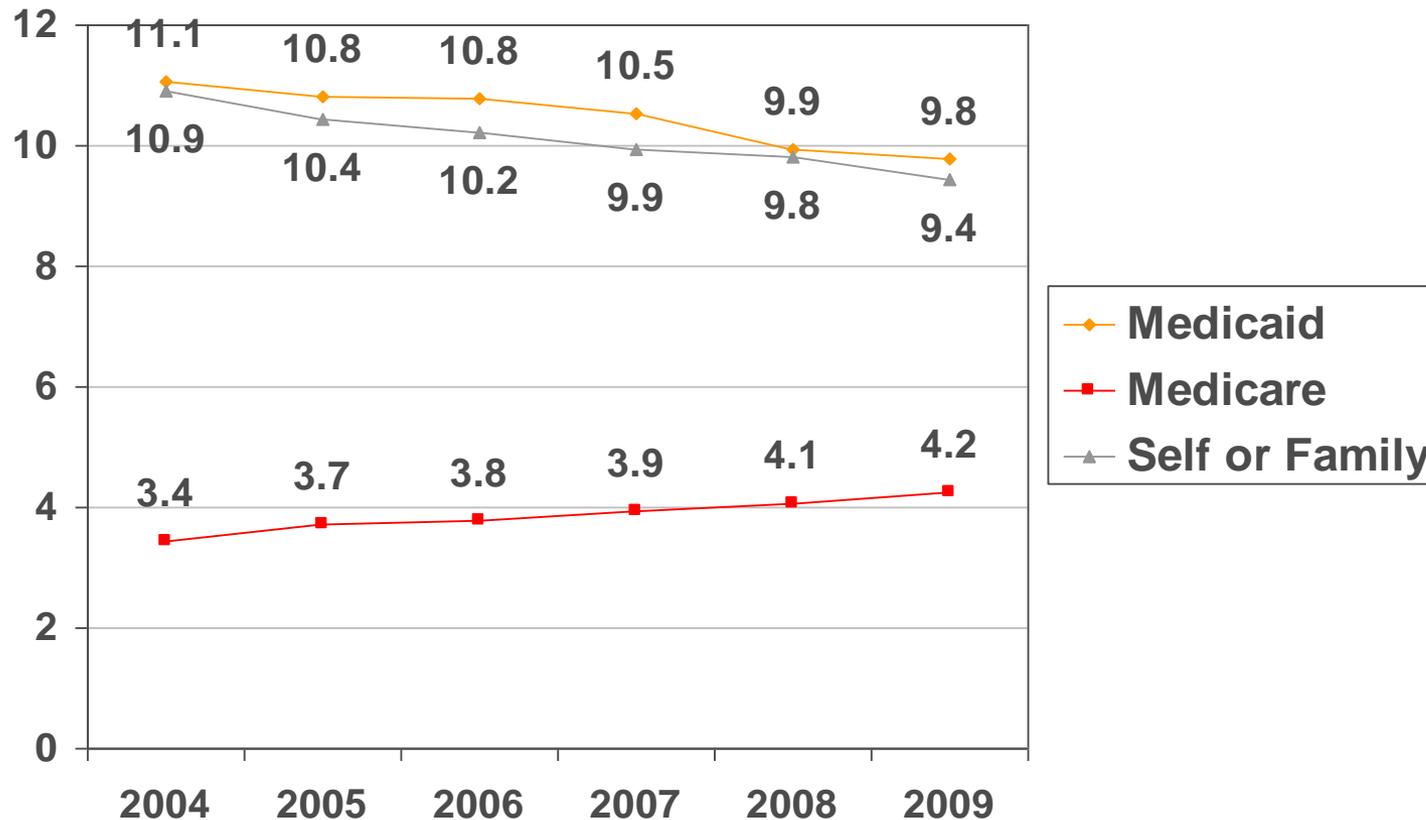
Sources:

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2009



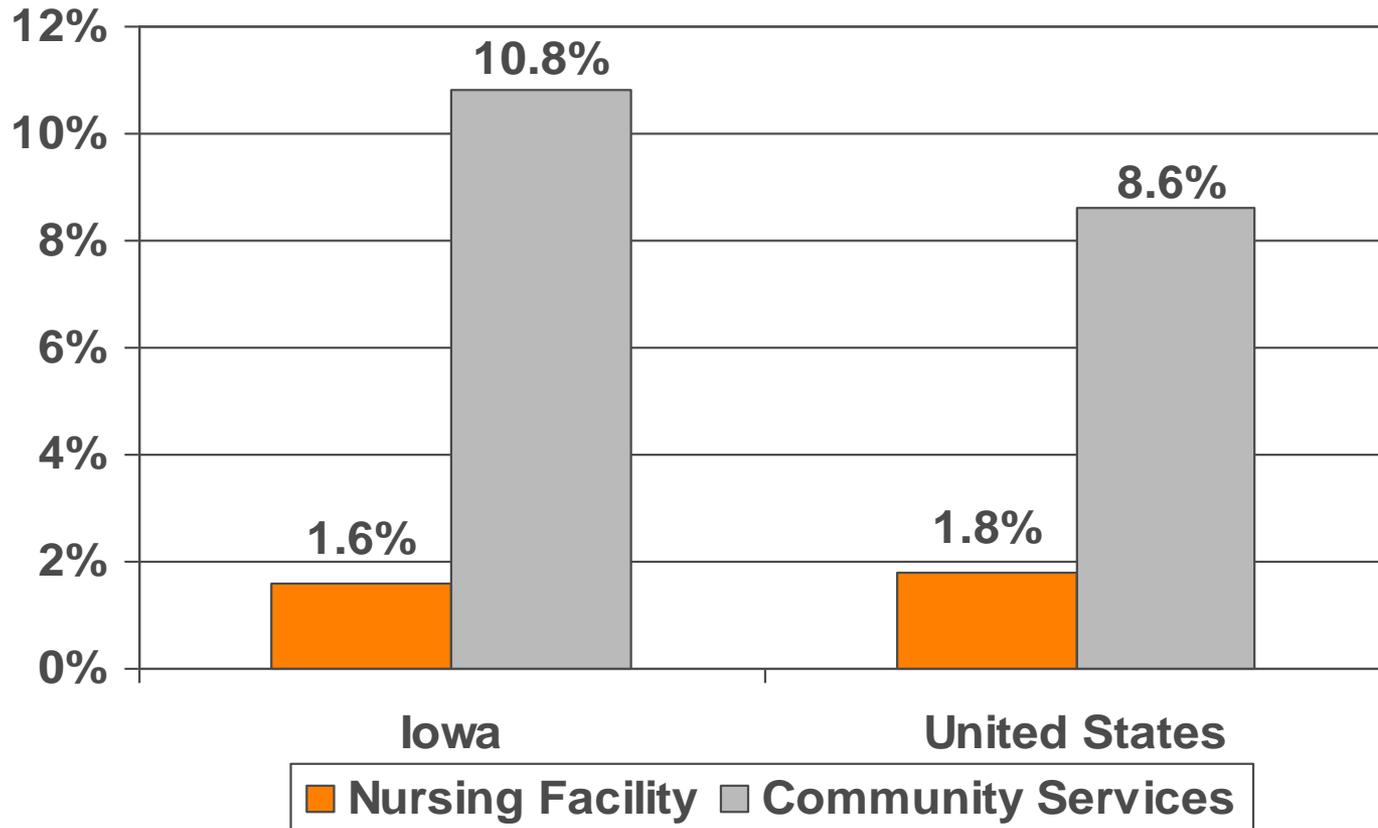
IOWA NURSING FACILITY RESIDENTS BY PAYER, IN THOUSANDS, 2004 - 2009



Sources:

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of each year

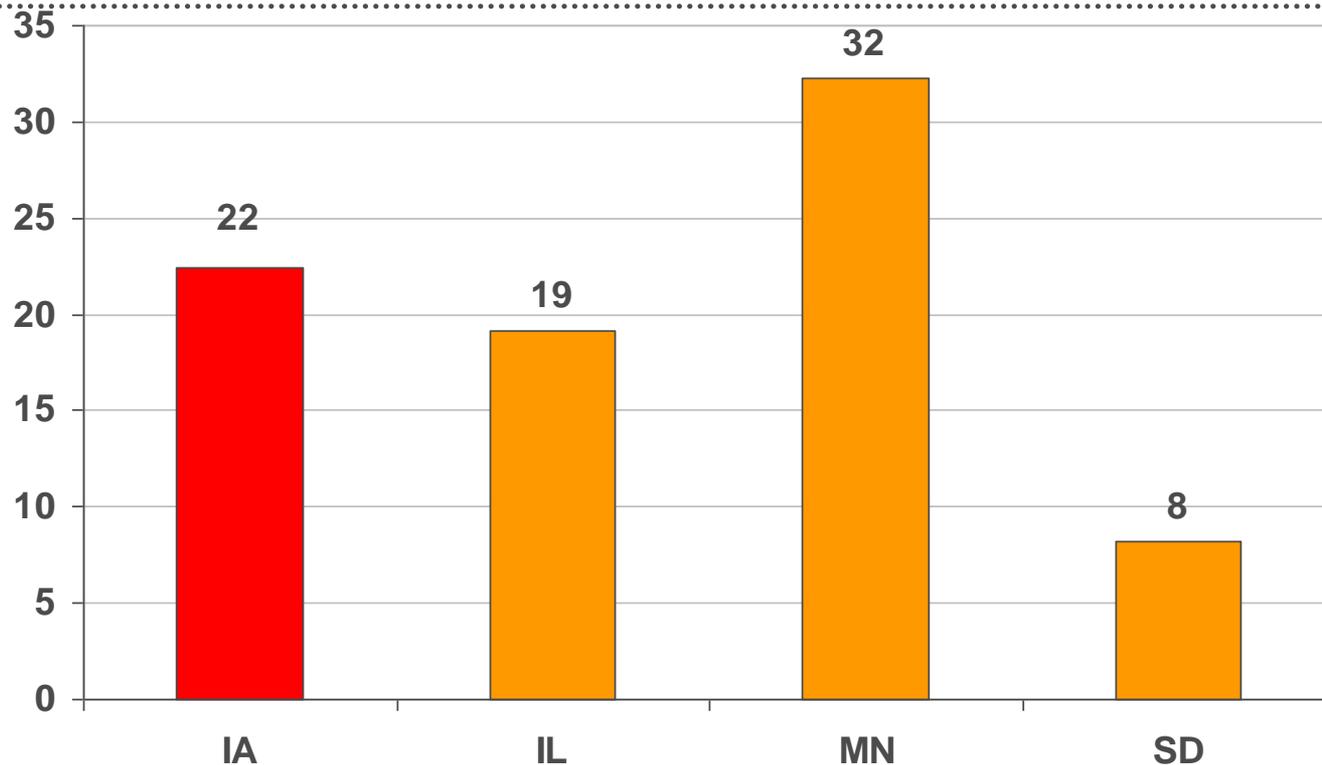
AVERAGE ANNUAL INCREASE IN MEDICAID LTS SPENDING FOR OLDER ADULTS AND PEOPLE WITH PHYSICAL DISABILITIES, FFY 2004 - 2009



* U.S. data do not include expenditures for managed care programs.

Source: Eiken, Steve; Sredl, Kate; Burwell, Brian; and Gold, Lisa "Medicaid Long-Term Care Expenditures in FY 2009" Thomson Reuters: August 17, 2010

PARTICIPANTS IN MEDICAID HCBS WAIVERS FOR OLDER ADULTS* PER 1,000 POPULATION AGE 65 OR OLDER, 2006



* The minimum age for these waivers is 60 in Illinois and 65 in the other states.

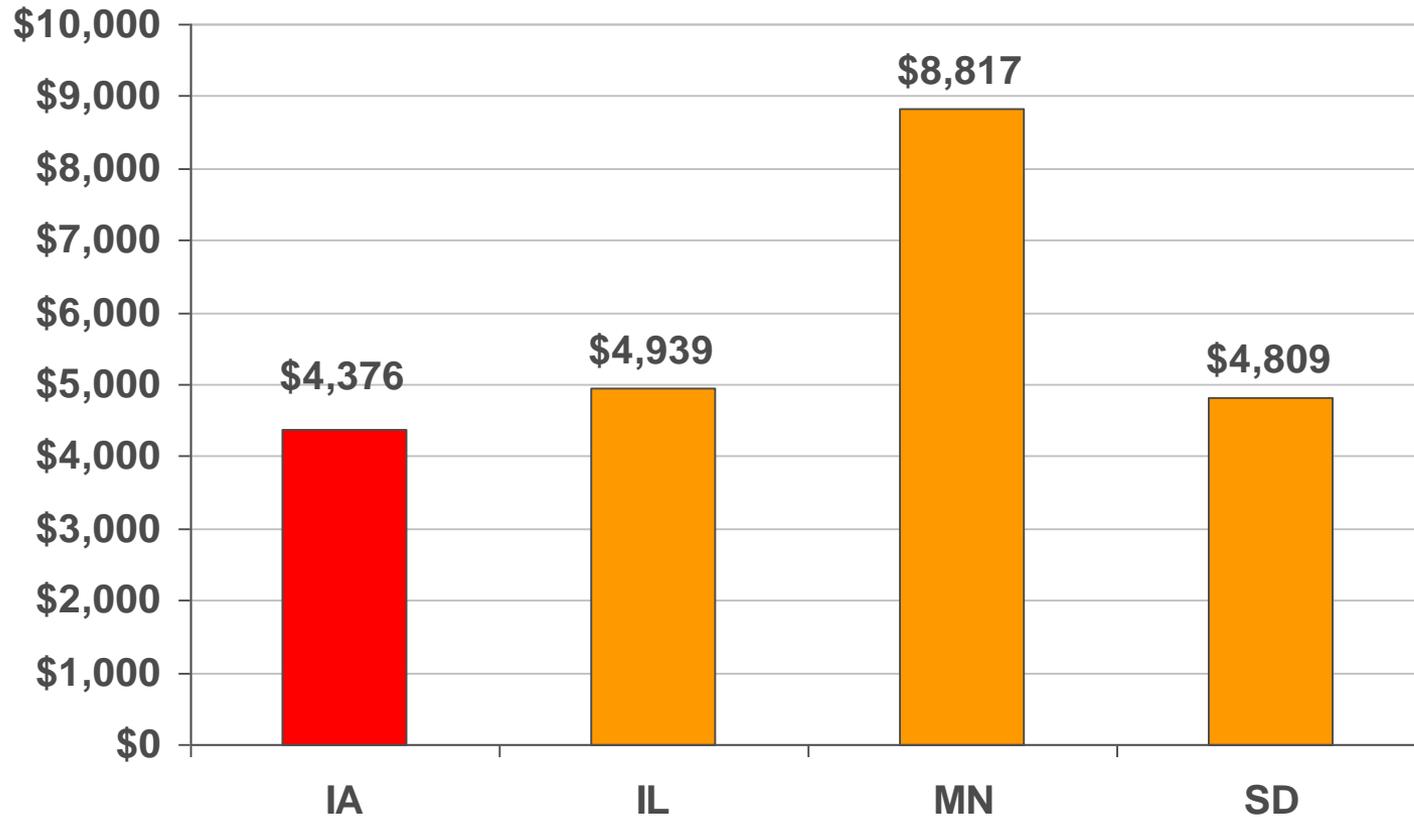
Sources:

Harrington, Charlene; O'Mally Watts, Molly; and Ng, Terrence *Medicaid Home and Community-Based Service Programs: Data Update* Kaiser Family Foundation: November 2009

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



EXPENDITURES PER PARTICIPANT IN MEDICAID HCBS WAIVERS FOR OLDER ADULTS, 2006



Source: Harrington, Charlene; O'Mally Watts, Molly; and Ng, Terrence *Medicaid Home and Community-Based Service Programs: Data Update* Kaiser Family Foundation: November 2009

LICENSED LONG-TERM SUPPORT RESIDENTIAL FACILITIES, 2004 AND 2009



* Nursing facility data do not include hospital-based facilities

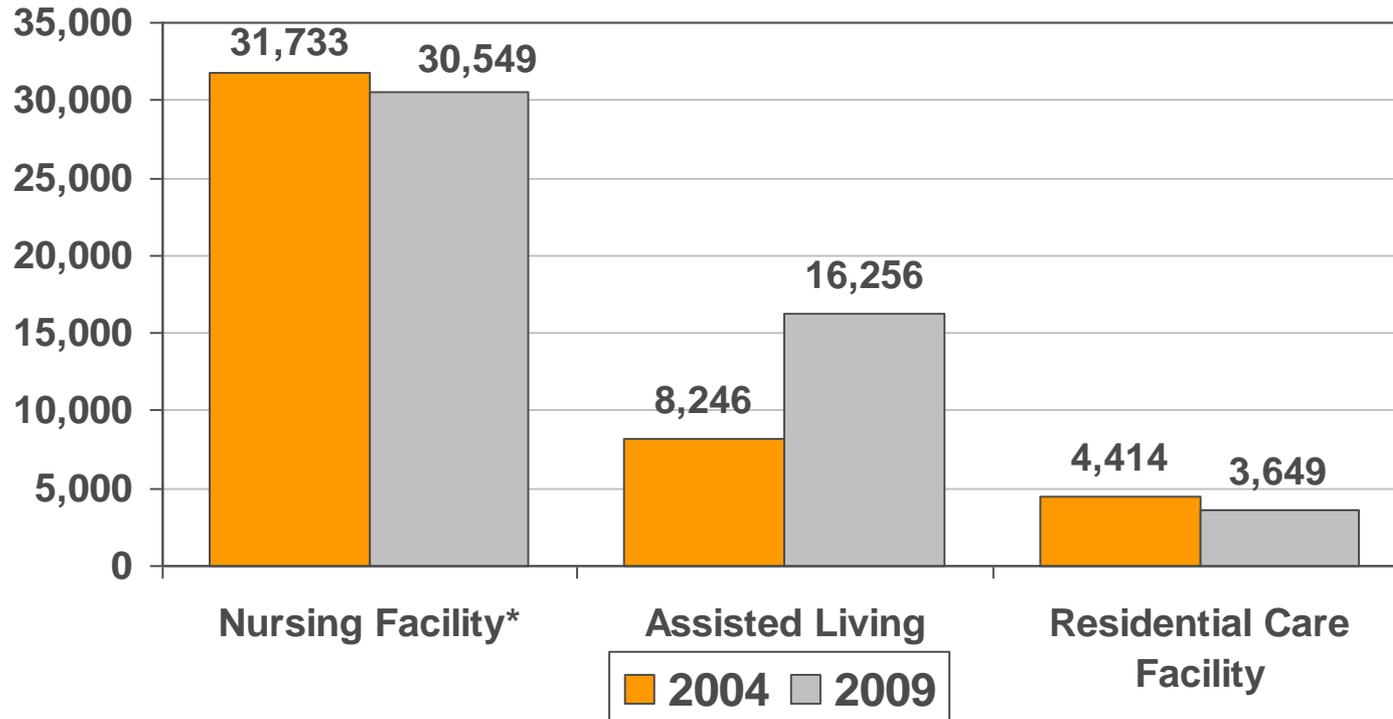
Sources:

Data provided by the Iowa Department of Inspections and Appeals for all data except 2004 assisted living data.

Mollica, Robert; Sims-Kastelein, Kristin; and O’Keeffe, Janet, *Residential Care and Assisted Living Compendium: 2007* November 30, 2007 for 2004 assisted living data.



LICENSED LONG-TERM SUPPORT RESIDENTIAL FACILITY BEDS, 2004 AND 2009



* Nursing facility data do not include hospital-based facilities

Sources:

Data provided by the Iowa Department of Inspections and Appeals for all data except 2004 assisted living data.

Mollica, Robert; Sims-Kastelein, Kristin; and O’Keeffe, Janet, *Residential Care and Assisted Living Compendium: 2007* November 30, 2007 for 2004 assisted living data.



SERVICES FOR ADULTS WITH PHYSICAL DISABILITIES



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SERVICES FOR ADULTS WITH PHYSICAL DISABILITIES – SUMMARY

- Half of public long-term support expenditures for adults with physical disabilities in 2009 were for Medicaid nursing facilities
- From 2004 to 2009, the largest increases in utilization and expenditures occurred in the Brain Injury and Physical Disability waivers
- Nursing facility utilization for lowans under age 65 is close to the national average and to neighboring states

SERVICES FOR ADULTS WITH PHYSICAL DISABILITIES – SUMMARY, continued

- Iowa serves more people in waivers for people with brain injuries and physical disabilities than most states that offer waivers for these populations
- Iowa has lower expenditures per person served in waivers for people with brain injuries and physical disabilities
- Iowa has a relatively low number of people served in its HIV/AIDS waiver

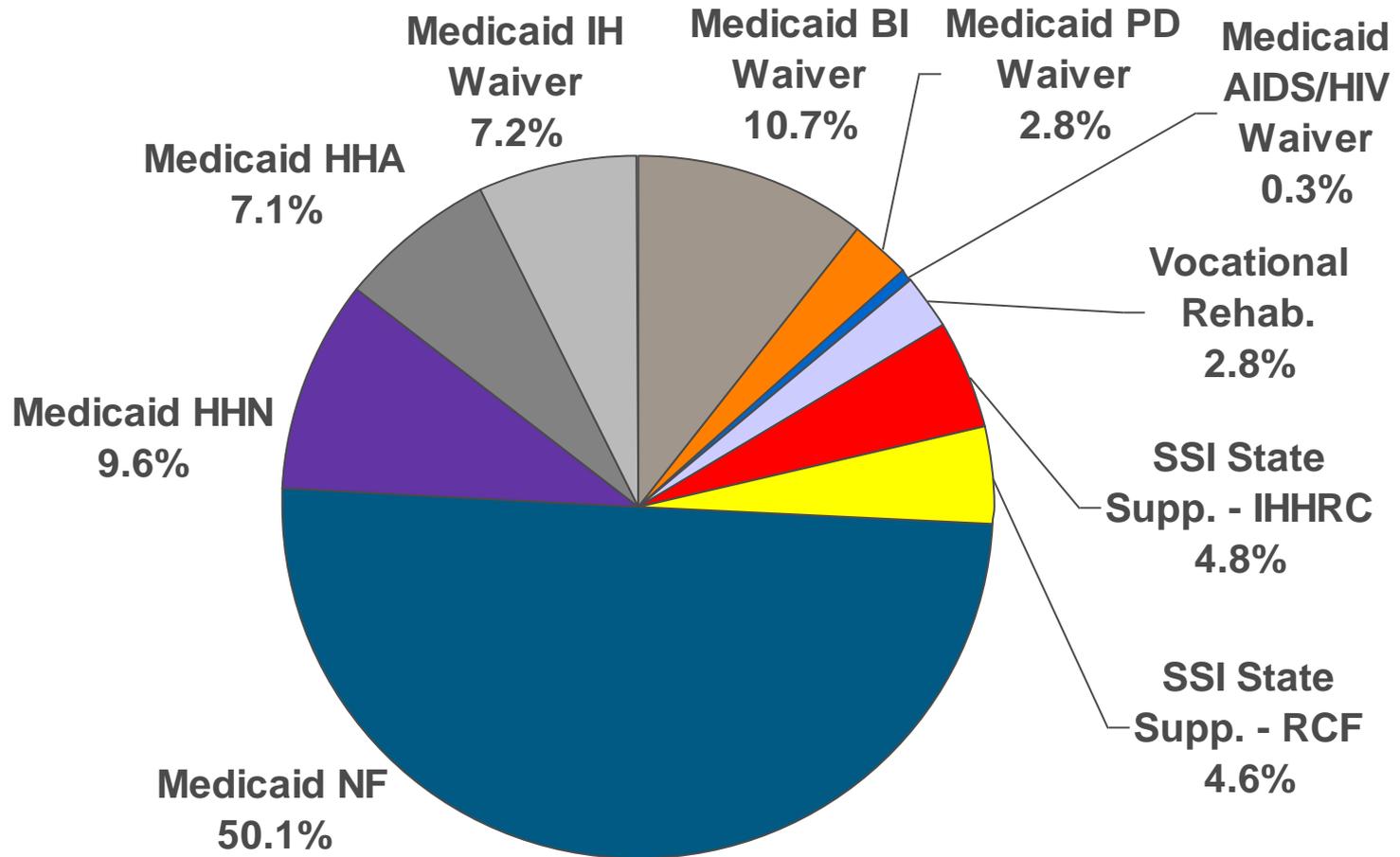


ADULTS WITH PHYSICAL DISABILITIES AGE 18 – 59 RECEIVING PUBLIC LONG-TERM SUPPORT, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Nursing Facility	2,485	3,210	-1.3%
Home Health Nursing	4,689	7,344	9.4%
Home Health Aide*	1,416	1,782	4.7%
Ill and Handicapped Waiver	1,034	1,450	7.0%
Brain Injury Waiver	372	822	17.2%
Physical Disability Waiver	446	800	12.4%
AIDS/HIV Waiver	48	56	3.1%
Total Medicaid	9,074	13,682	8.6%
Vocational Rehab.*	2,622	4,975	13.7%
SSI State Supp. – RCF*	2,253	2,079	-1.6%
SSI State Supp. – In-Home Health Related Care	1,669	1,332	-4.4%

See Slide 46 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS WITH PHYSICAL DISABILITIES BY SERVICE, SFY 2009



See Slide 46 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS WITH PHYSICAL DISABILITIES AGE 18 – 59, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Nursing Facility	\$54.2	\$74.7	6.6%
Home Health Nursing	\$9.0	\$14.3	9.6%
Home Health Aide	\$8.1	\$10.6	5.5%
Ill and Handicapped Waiver	\$6.4	\$10.8	11.1%
Brain Injury Waiver	\$5.5	\$16.0	24.0%
Physical Disability Waiver*	\$1.6	\$4.0	19.3%
AIDS/HIV Waiver	\$0.3	\$0.5	10.2%
Total Medicaid	\$85.2	\$130.8	9.0%
Vocational Rehab.*	\$4.8	\$4.1	-3.8%
SSI State Supp. – RCF*	\$8.2	\$7.1	-2.8%
SSI State Supp. – IHHRC*	\$5.4	\$6.8	4.7%
Total	\$103.5	\$148.8	7.5%

See Slide 46 for sources.

SOURCES FOR DATA FOR SLIDES 54 – 56

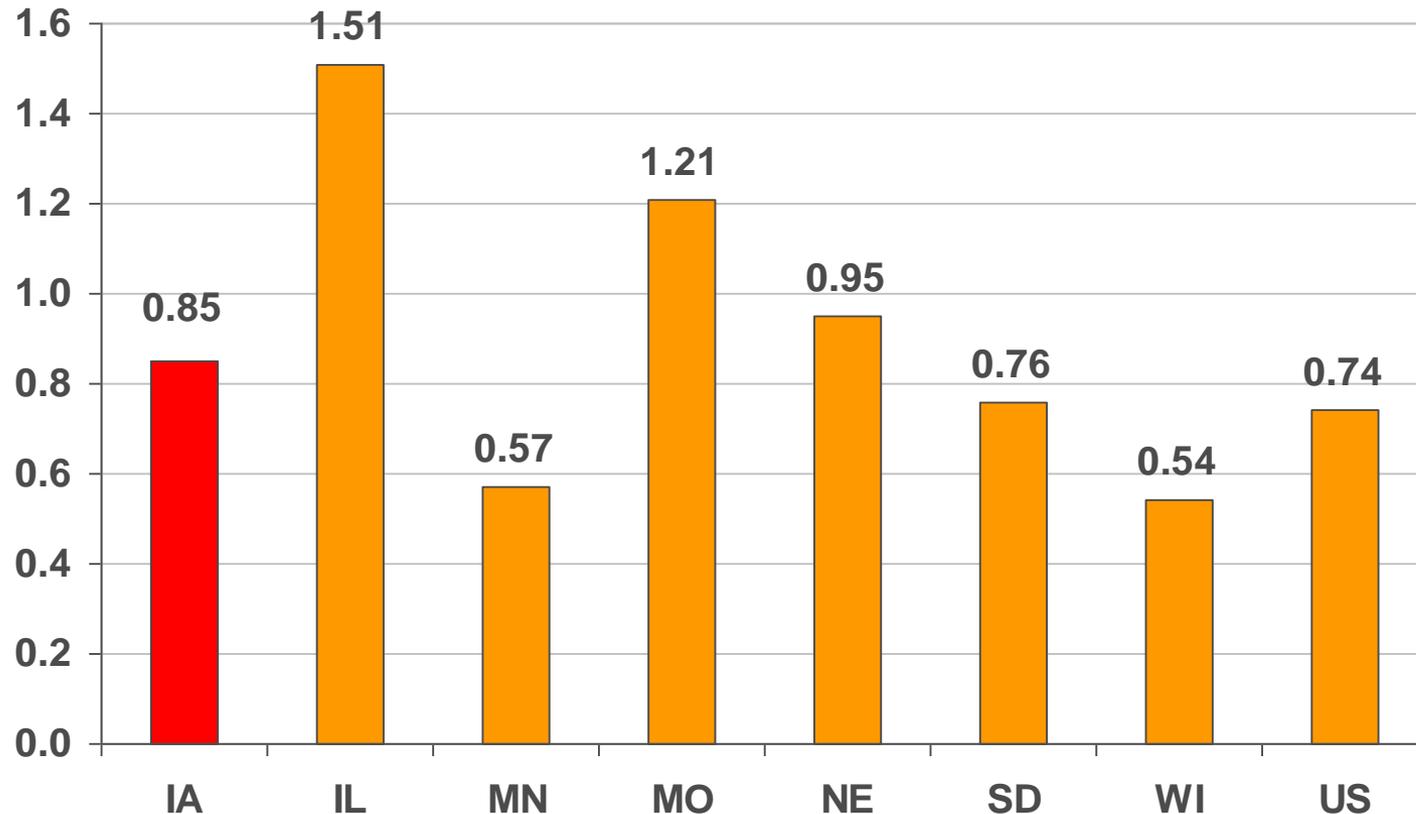
- * Home Health Aide data was not included for Total Medicaid or Total participants to avoid double-counting these individuals. All home health aide participants must receive home health nursing.
- * Physical Disabilities Waiver expenditures data by age group for 2009 are estimates based a) total waiver expenditures data and b) an estimated percentage of expenditures by age group.
- * 2005 participant data were used in the 2004 column for Vocational Rehabilitation and the SSI State Supplement for Residential Care Facilities because 2004 data for unduplicated participants were not available. Vocational Rehabilitation spending is an estimate based on the percentage of participants with physical impairments multiplied by total expenditures.
- * Data for the Supplemental Security Income State Supplements for In-Home Health Related Care (IHHRC) and for Residential Care Facilities (RCF) include expenditures for people with other conditions. For IHHRC, data were provided for all participants regardless of age. For RCF, data were available for people age 18 – 59, but not available by type of disability.

Sources:

Data provided by the Iowa Department of Human Services, Iowa Medicaid Enterprise; the Iowa Department of Human Services, Children and Family Services; and Iowa Vocational Rehabilitation Services between November 2008 and March 2009 and between July and September 2010.



NURSING FACILITY RESIDENTS UNDER AGE 65 PER 1,000 POPULATION UNDER AGE 65, JUNE 2009



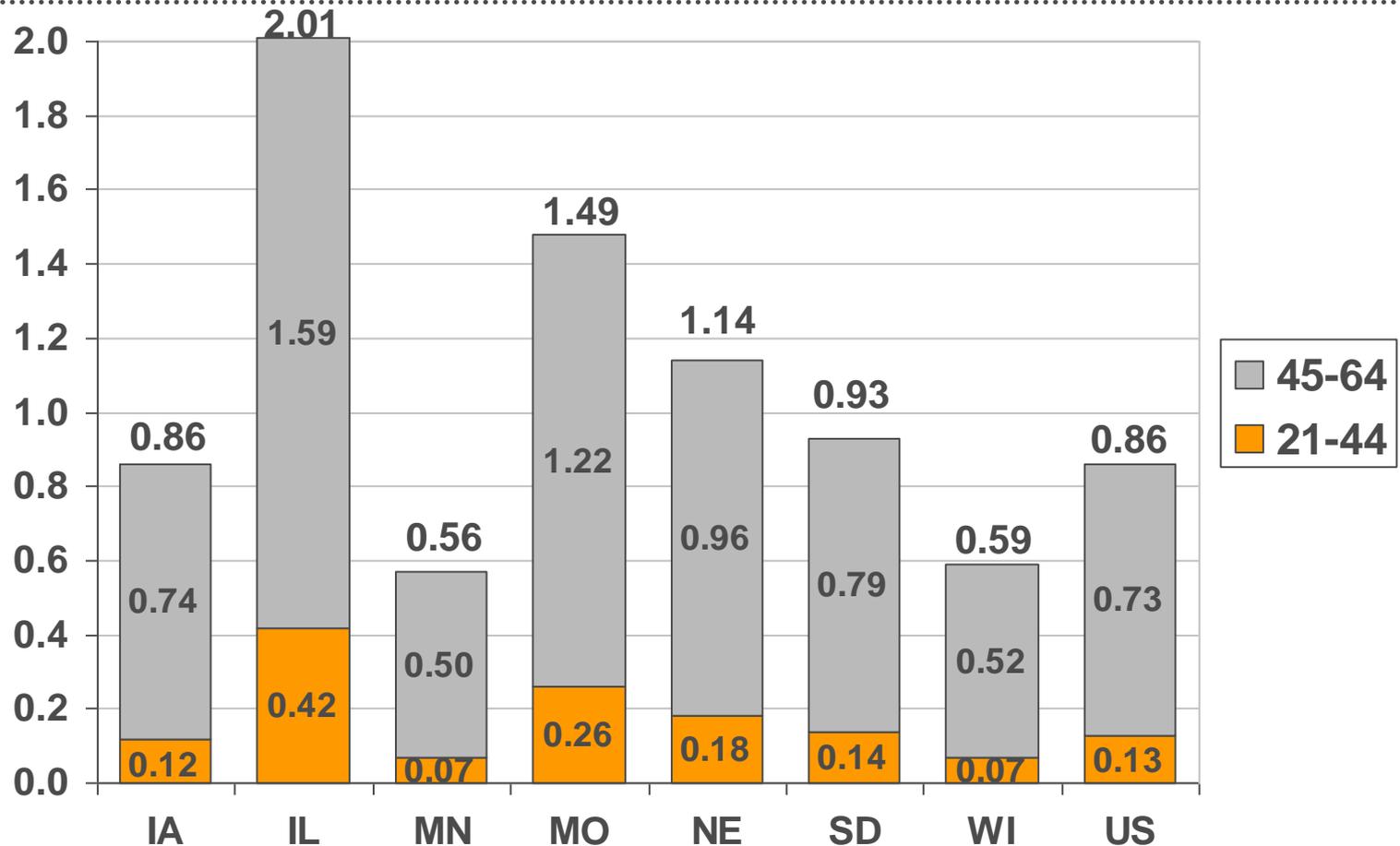
Sources:

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS, MDS 2.0 *Active Resident Information Report* for Second Quarter of 2009



MEDICAID NURSING FACILITY AVERAGE DAILY RESIDENTS AGE 21 - 64 PER 1,000 POPULATION AGE 21 - 64, FFY 2007



Sources: U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010

CMS Medicaid Statistical Information System State Summary Datamart Data obtained May 2010



HCBS WAIVERS FOR PEOPLE WITH PHYSICAL DISABILITIES, BRAIN INJURIES, AND HIV/AIDS, PARTICIPANTS PER STATE POPULATION, 2006

	Iowa Participants per 100,000	Number of States with Similar Waivers	Iowa Rank
Physical Disabilities	108.3	26	6
Brain Injuries	27.8	23	2
HIV/AIDS	1.7	16	11

Sources:

Data received from Iowa Department of Human Services, Iowa Medicaid Enterprise in November 2008

Harrington, Charlene; O'Mally Watts, Molly; and Ng, Terrence *Medicaid Home and Community-Based Service Programs: Data Update* Kaiser Family Foundation: November 2009

Hendrickson, Leslie and Blume, Randall *Issue Brief: A Summary of Medicaid Brain Injury Programs* Rutgers Center for State Health Policy: March 2008

U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010



HCBS WAIVERS FOR PEOPLE WITH PHYSICAL DISABILITIES, BRAIN INJURIES, AND HIV/AIDS, EXPENDITURES PER PARTICIPANT, 2006

	Iowa Expenditures per Participant	Number of States with Similar Waivers	Iowa Rank
Physical Disabilities	\$5,744	26	24
Brain Injuries	\$13,192	23	22
HIV/AIDS	\$7,577	16	7

Sources:

Data received from Iowa Department of Human Services, Iowa Medicaid Enterprise in November 2008

Harrington, Charlene; O'Mally Watts, Molly; and Ng, Terrence *Medicaid Home and Community-Based Service Programs: Data Update* Kaiser Family Foundation: November 2009

Hendrickson, Leslie and Blume, Randall *Issue Brief: A Summary of Medicaid Brain Injury Programs* Rutgers Center for State Health Policy: March 2008

SERVICES FOR ADULTS WITH INTELLECTUAL DISABILITIES



THOMSON REUTERS

SERVICES FOR ADULTS WITH INTELLECTUAL DISABILITIES – SUMMARY

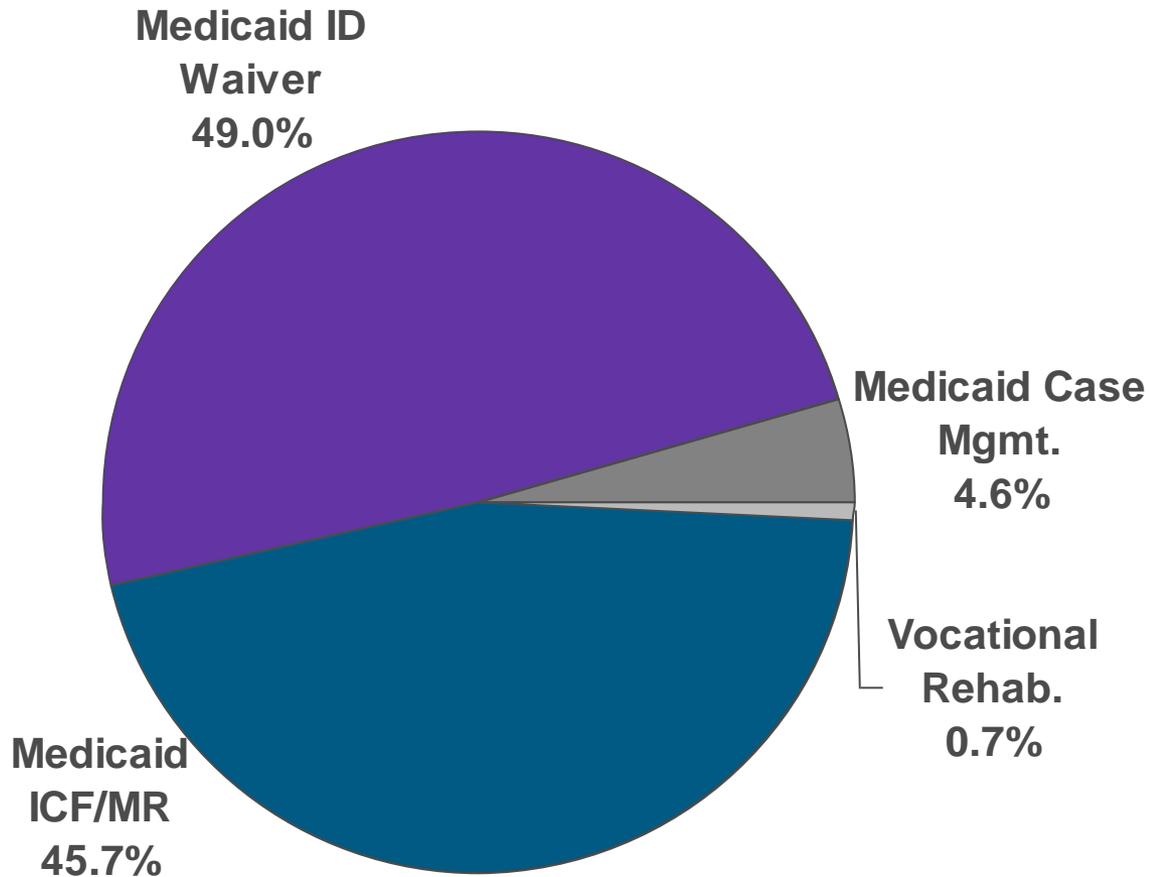
- From 2004 to 2009, the number of people age 18 or older served in the Intellectual Disabilities (ID) waiver increased more than 9% per year, while ICF/MR residency decreased slightly
- The number of people age 60 or older the ID waiver increased by 20% per year from 2004 to 2009
- ICF/MR accounts for 46% of long-term support expenditures for adults with ID
- Iowa serves more people with developmental disabilities when compared to neighboring states and the U.S.
- Iowa serves 3 times as many people in facilities with 16 or more residents as the national average

ADULTS WITH DEVELOPMENTAL DISABILITIES RECEIVING PUBLIC LONG-TERM SUPPORT, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
ICF/MR, age 18 – 59	1,982	1,828	-1.6%
ICF/MR, age 60+	109	125	2.8%
ID Waiver, age 18 – 59*	5,336	8,304	9.2%
ID Waiver, age 60+*	196	485	19.9%
ID Targeted Case Management	7,795	8,912	2.7%
Total Medicaid	9,886	10,865	1.9%
Vocational Rehab.	2,712	5,117	17.2%

See Slide 55 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS WITH DEVELOPMENTAL DISABILITIES BY SERVICE, SFY 2009



See Slide 55 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR ADULTS WITH DEVELOPMENTAL DISABILITIES, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
ICF/MR, age 18 – 59	\$186.7	\$227.2	4.0%
ICF/MR, age 60+	\$10.5	\$16.8	9.8%
ID Waiver, age 18 – 59	\$133.8	\$262.9	14.5%
ID Waiver, age 60+	\$6.8	\$18.2	21.9%
ID Targeted Case Management	\$16.3	\$26.3	10.1%
Total Medicaid	\$354.1	\$551.4	9.3%
Vocational Rehab.	\$5.0	\$4.2	-4.0%
Total	\$359.0	\$555.6	9.1%

See Slide 55 for sources.

SOURCES FOR DATA FOR SLIDES 64 – 66

* ID Waiver participant data are not included in the calculation for Total Medicaid participants to avoid double counting. All ID Waiver participants receive targeted case management.

ID Waiver expenditures data by age group for 2009 are estimates based a) Total ID waiver expenditures data and b) an estimate of the percentage of expenditures for each age group.

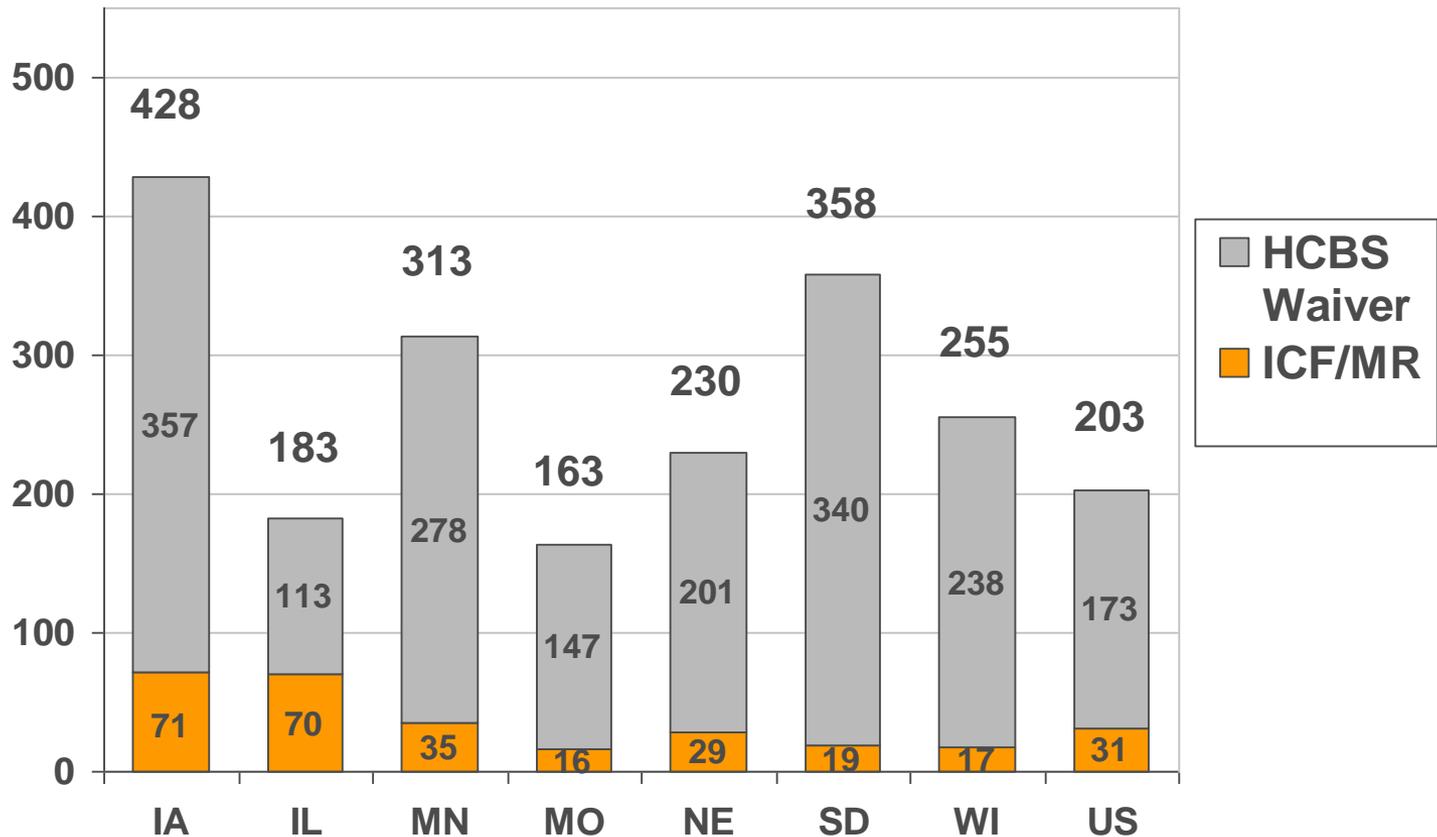
2005 participant data were used in the 2004 column for Vocational Rehabilitation because 2004 data for unduplicated participants were not available.

Vocational Rehabilitation spending is an estimate based on the percentage of participants with physical impairments multiplied by total expenditures.

Sources:

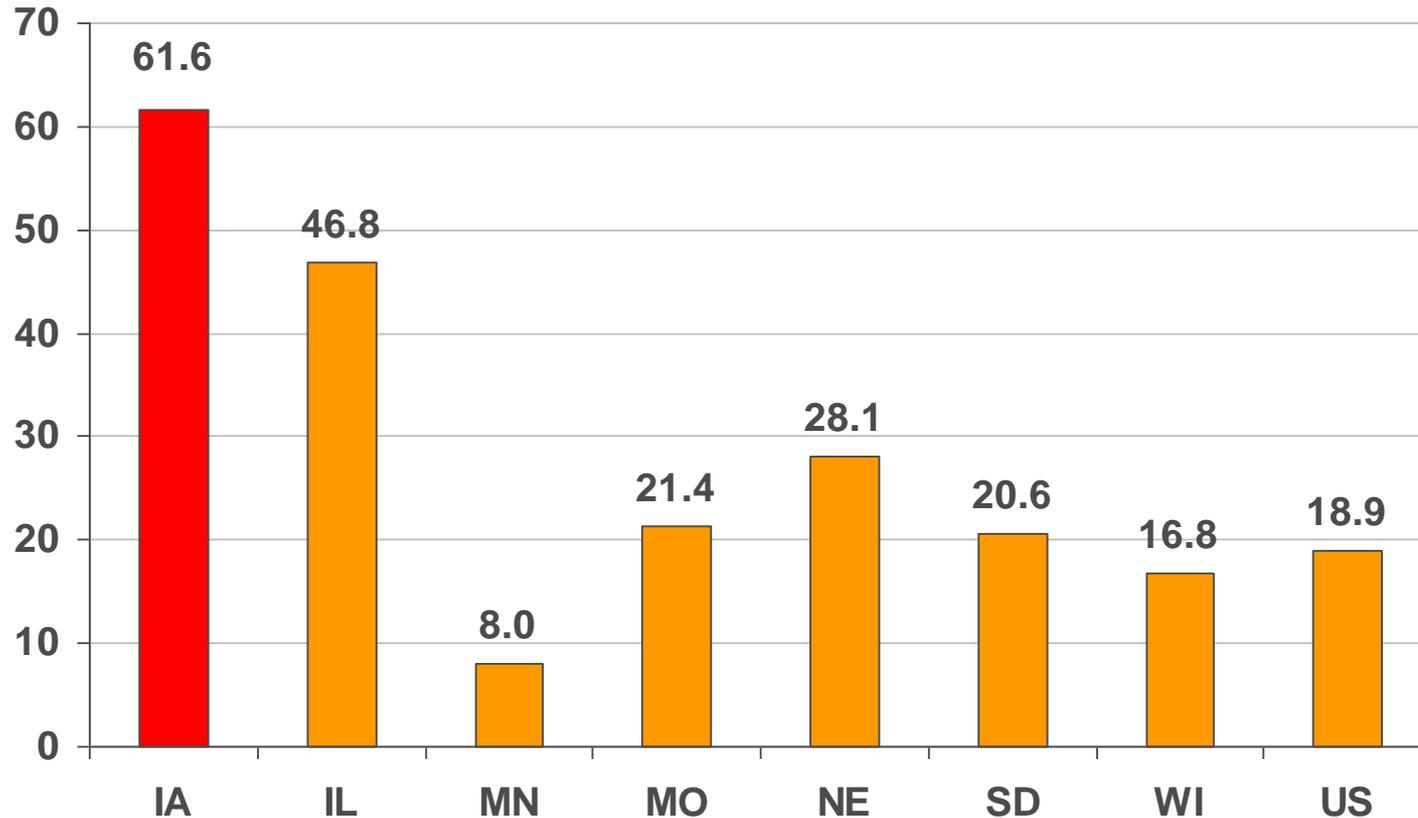
Data provided by the Iowa Department of Human Services, Iowa Medicaid Enterprise and Iowa Vocational Rehabilitation Services between November 2008 and March 2009 and between July and September 2010.

PEOPLE WITH DEVELOPMENTAL DISABILITIES RECEIVING MEDICAID-FUNDED SERVICES, PER 100,000 RESIDENTS, JUNE 30, 2008



Source: Lakin, K. Charlie; Larson, Sheryl; Salmi, Pat, Scott, Naomi (eds.) *Residential Services for Persons with Developmental Disabilities: Status and Trends Through 2008* University of Minnesota Institute for Community Integration: 2009. Iowa data were obtained from Iowa Department of Human Services, Medicaid Enterprise..

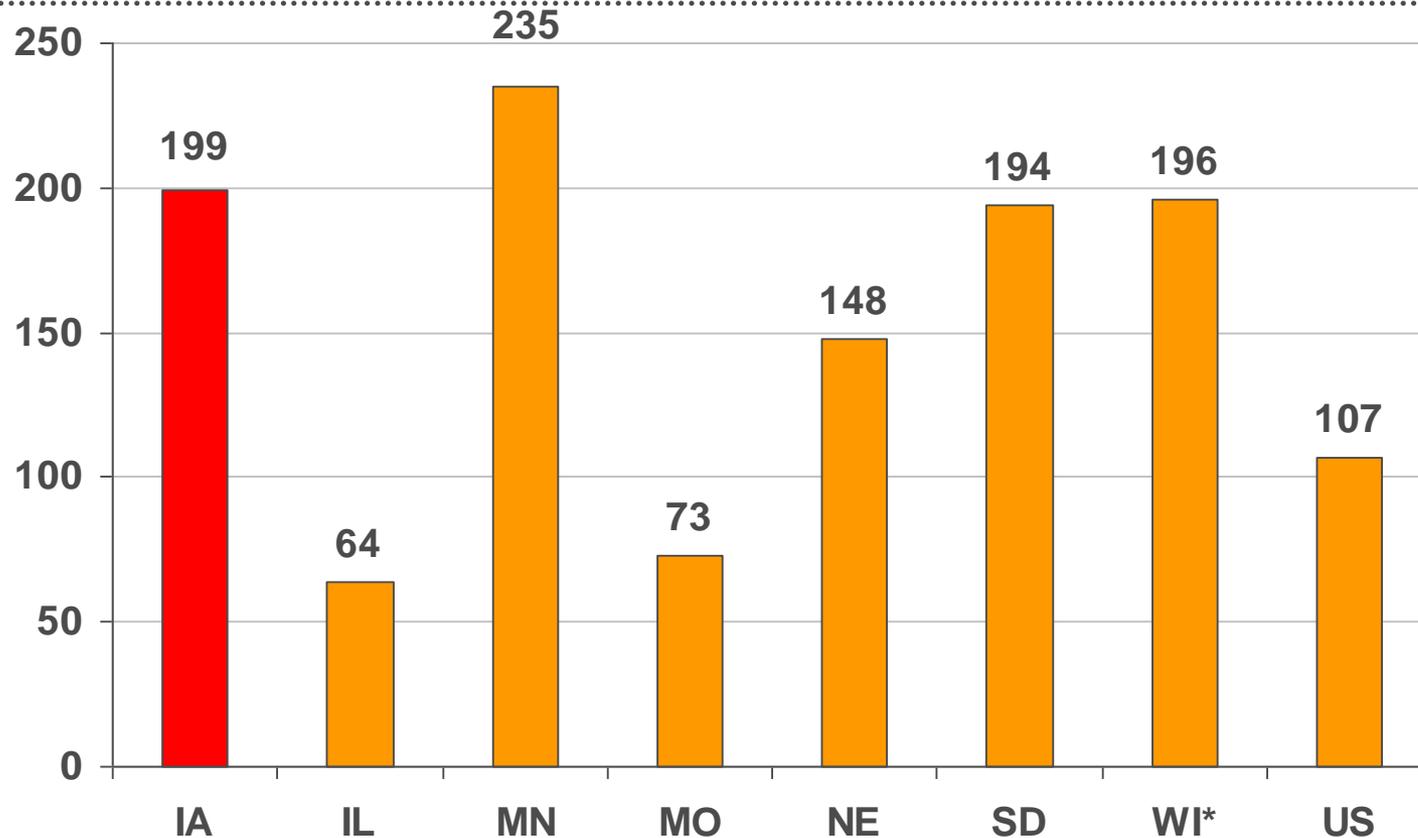
PEOPLE WITH DEVELOPMENTAL DISABILITIES IN FACILITIES SERVING 16 OR MORE PEOPLE, PER 100,000 STATE RESIDENTS, JUNE 30, 2008



Source: Lakin, K. Charlie; Larson, Sheryl; Salmi, Pat; Scott, Naomi (eds.) *Residential Services for Persons with Developmental Disabilities: Status and Trends Through 2008* University of Minnesota Institute for Community Integration: 2009



PEOPLE WITH DD RECEIVING SERVICES IN SETTINGS OF 6 OR FEWER PEOPLE, PER 100,000 RESIDENTS, JUNE 30, 2008



* Wisconsin data are as of June 30, 2007.

Source: Lakin, K. Charlie; Larson, Sheryl; Salmi, Pat; Scott, Naomi (eds.) *Residential Services for Persons with Developmental Disabilities: Status and Trends Through 2008* University of Minnesota Institute for Community Integration: 2009



SERVICES FOR ADULTS WITH MENTAL ILLNESS



THOMSON REUTERS

SERVICES FOR ADULTS WITH MENTAL ILLNESS – SUMMARY

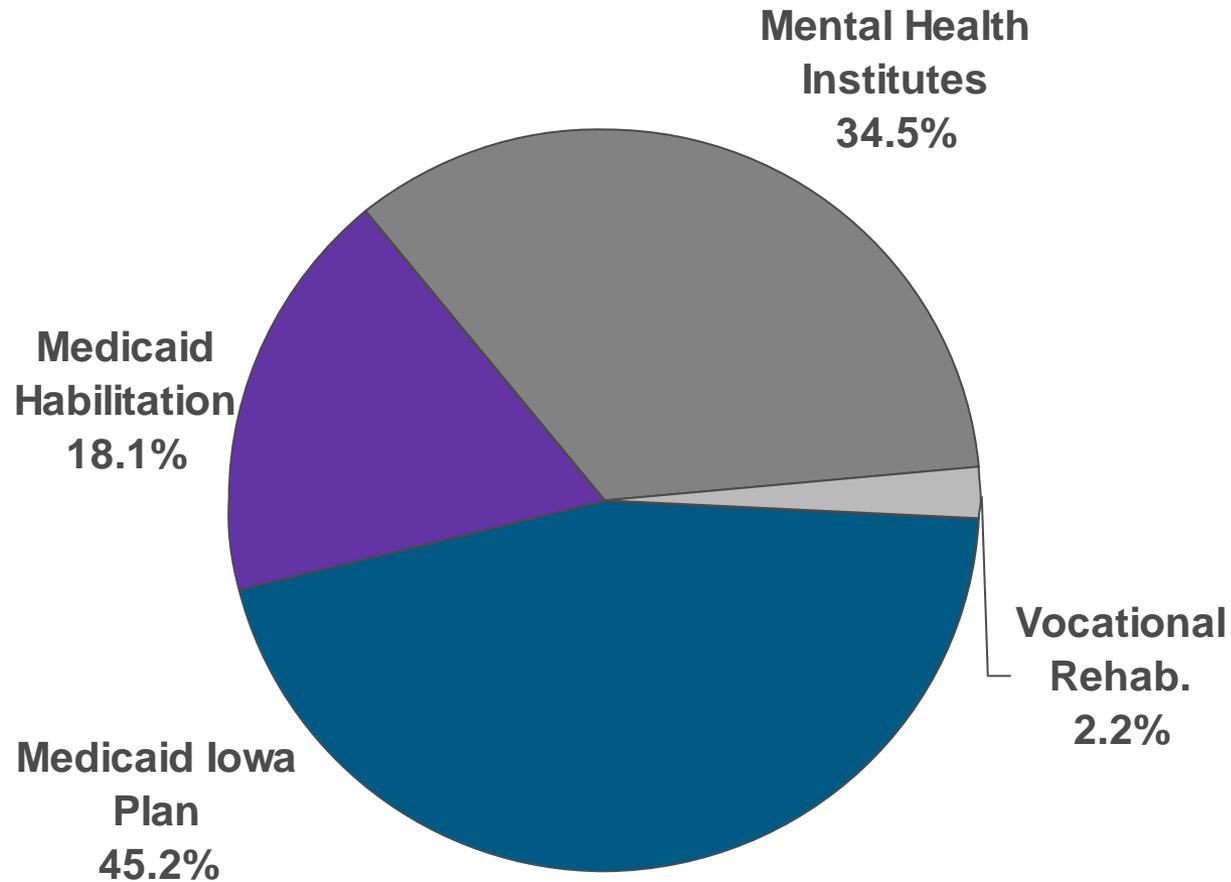
- Approximately 1/3 of public mental health expenditures are for Mental Health Institutes
- Iowa serves few residents in state mental health hospitals compared to neighboring states and the U.S.
- As is common in other states, a large number of individuals in prisons have a mental illness
- Iowa is close to the national average in psychiatric hospital utilization and readmission rates for state mental health hospitals
- Iowa provides public mental health services to more individuals, as a percentage of state population, than most neighboring states and the U.S.

ADULTS RECEIVING PUBLIC MENTAL HEALTH SERVICES, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Iowa Plan (average eligible per month)*	96,525	108,505	3.0%
State Plan Rehabilitation*	3,720	0	-100%
State Plan Habilitation*	0	2,734	n/a
Total Medicaid*	96,525	108,505	3.0%
Mental Health Institutes	1,721	1,628	-1.1%
Community Services Provided Through Counties	33,723	32,805	-0.6%
Correctional Institutions	n/a	2,455	n/a
Vocational Rehab.	2,311	4,329	17.0%



PUBLIC EXPENDITURES FOR ADULTS WITH MENTAL ILLNESS BY SERVICE, SFY 2009



See Slide 55 for sources.

PUBLIC EXPENDITURES FOR PEOPLE WITH MENTAL ILLNESS AGE 18 - 59, SFY 2004 and 2009

	2004	2009	Avg. Annual % Change
Iowa Plan*	\$49.4	\$75.1	8.8%
State Plan Rehabilitation	\$30.3	\$0	-100%
State Plan Habilitation	\$0	\$30.0	n/a
Total Medicaid	\$79.7	\$105.1	5.7%
Mental Health Institutes	\$47.0	\$57.3	4.1%
Community Services Provided Through Counties*	n/a	n/a	n/a
Vocational Rehab.	\$4.2	\$3.6	-4.1%
Total	\$130.9	\$166.0	4.9%

SOURCES FOR DATA FOR SLIDES 73 – 75

* Iowa Plan participants data for 2009 were not available, so data for 2008 were used. The Iowa Plan data were used for Total Medicaid because people receiving habilitation or rehabilitative services also received services in the Iowa Plan. Iowa Plan expenditures data for 2009 are based on a) total expenditures data from the B-1 report and b) the percentage of expenditures for children in 2008 reported in Magellan Health Services *Iowa Plan Monthly Report, October 2008* November 18, 2008

* 2005 participant data were used in the 2004 column for Vocational Rehabilitation because 2004 data for unduplicated participants were not available. Vocational Rehabilitation spending is an estimate based on the percentage of participants with physical impairments multiplied by total expenditures.

* Community services provided through counties refers to the services other than Mental Health Institutes provided through County Central Points of Coordination. Data regarding non-Medicaid, non-institutional expenditures for these services were not available.

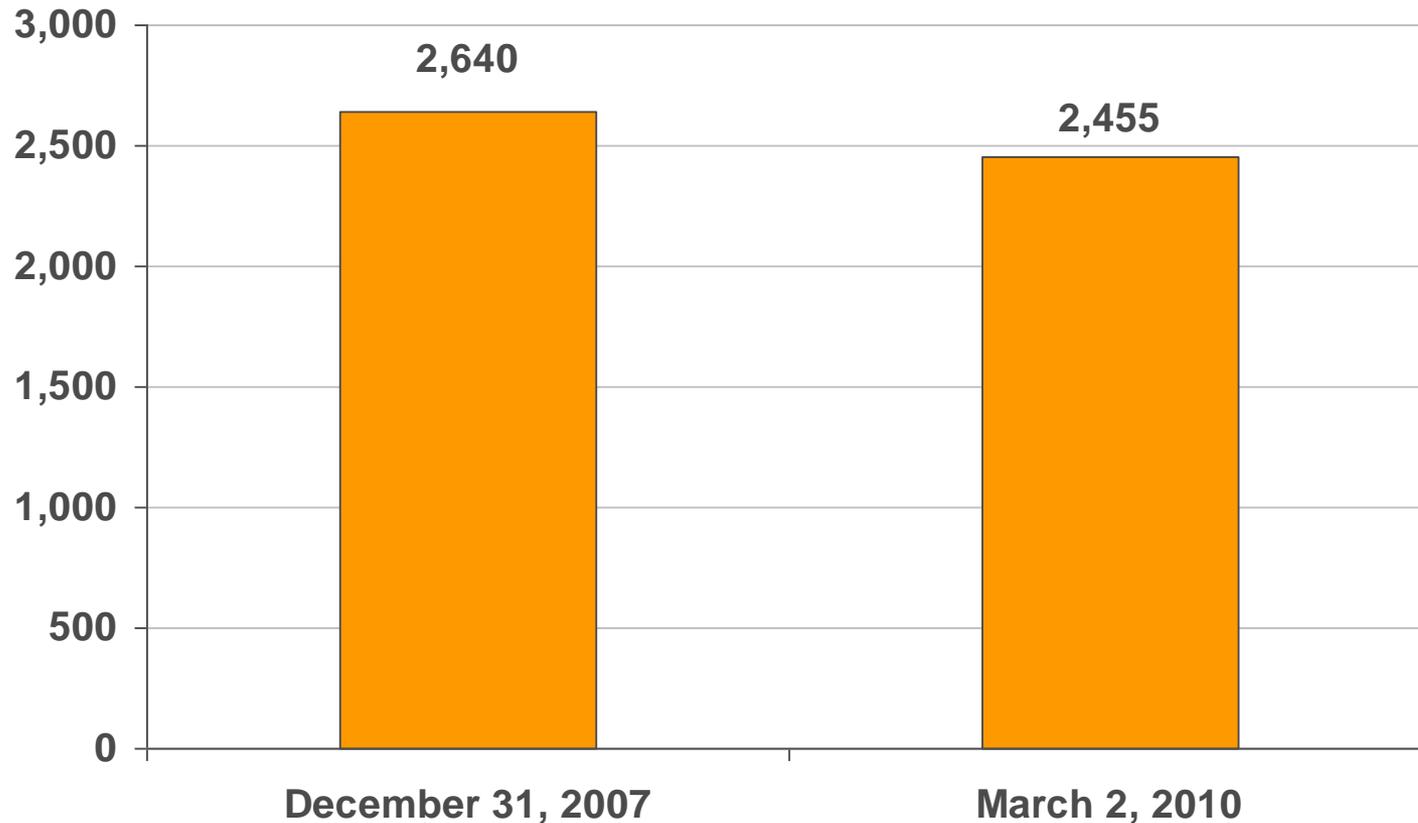
* Data regarding the number of people with mental illness in the corrections system were not available before 2007. Expenditures data are not available for the corrections system because that system does not track expenditures for particular individuals.

Sources:

Data provided by the Iowa Department of Human Services, Iowa Medicaid Enterprise; Iowa Department of Human Services, Mental Health and Disability Services; and Iowa Vocational Rehabilitation Services between November 2008 and March 2009 and between July and September 2010.

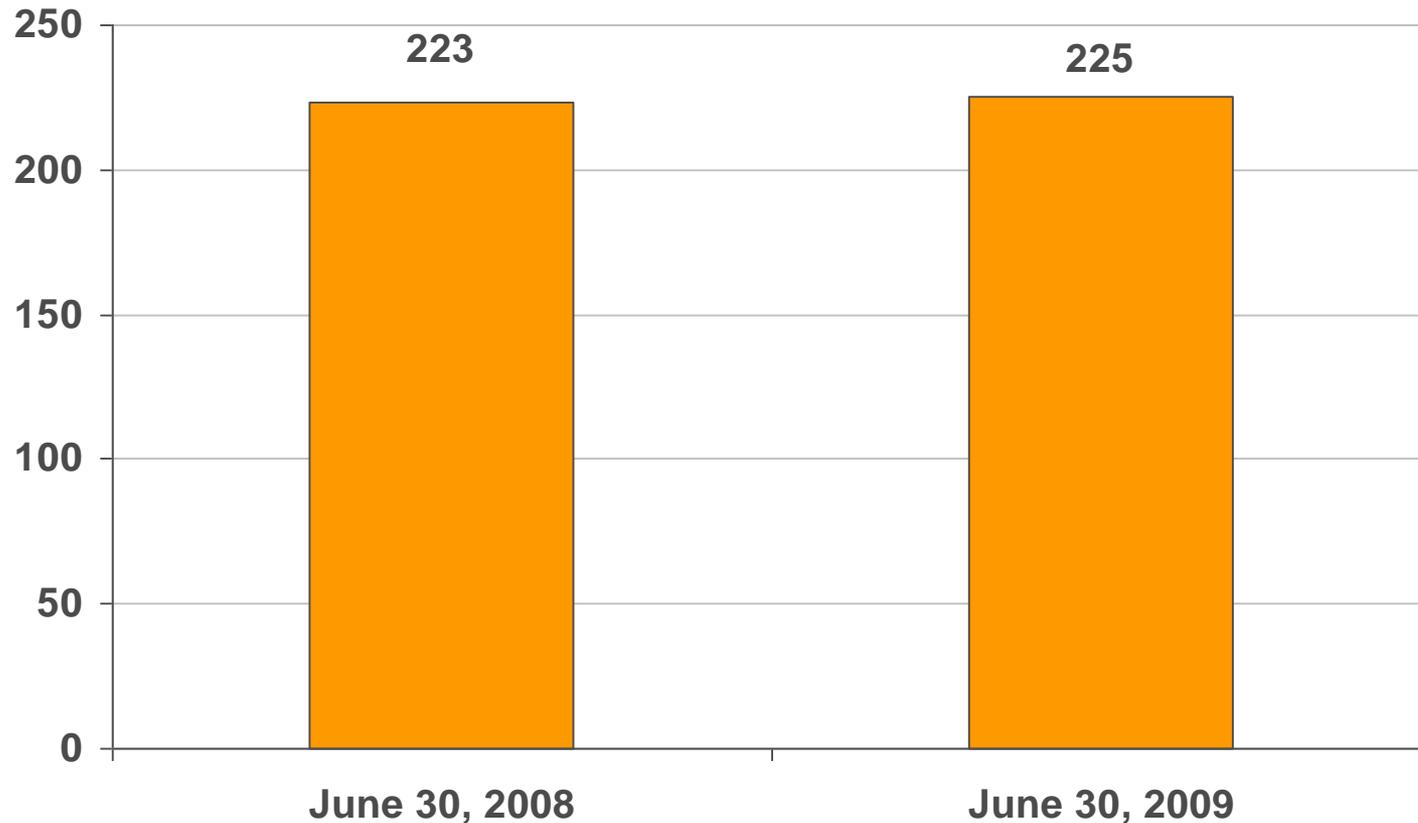


CORRECTIONAL FACILITIES INMATES WHO HAVE A MENTAL ILLNESS



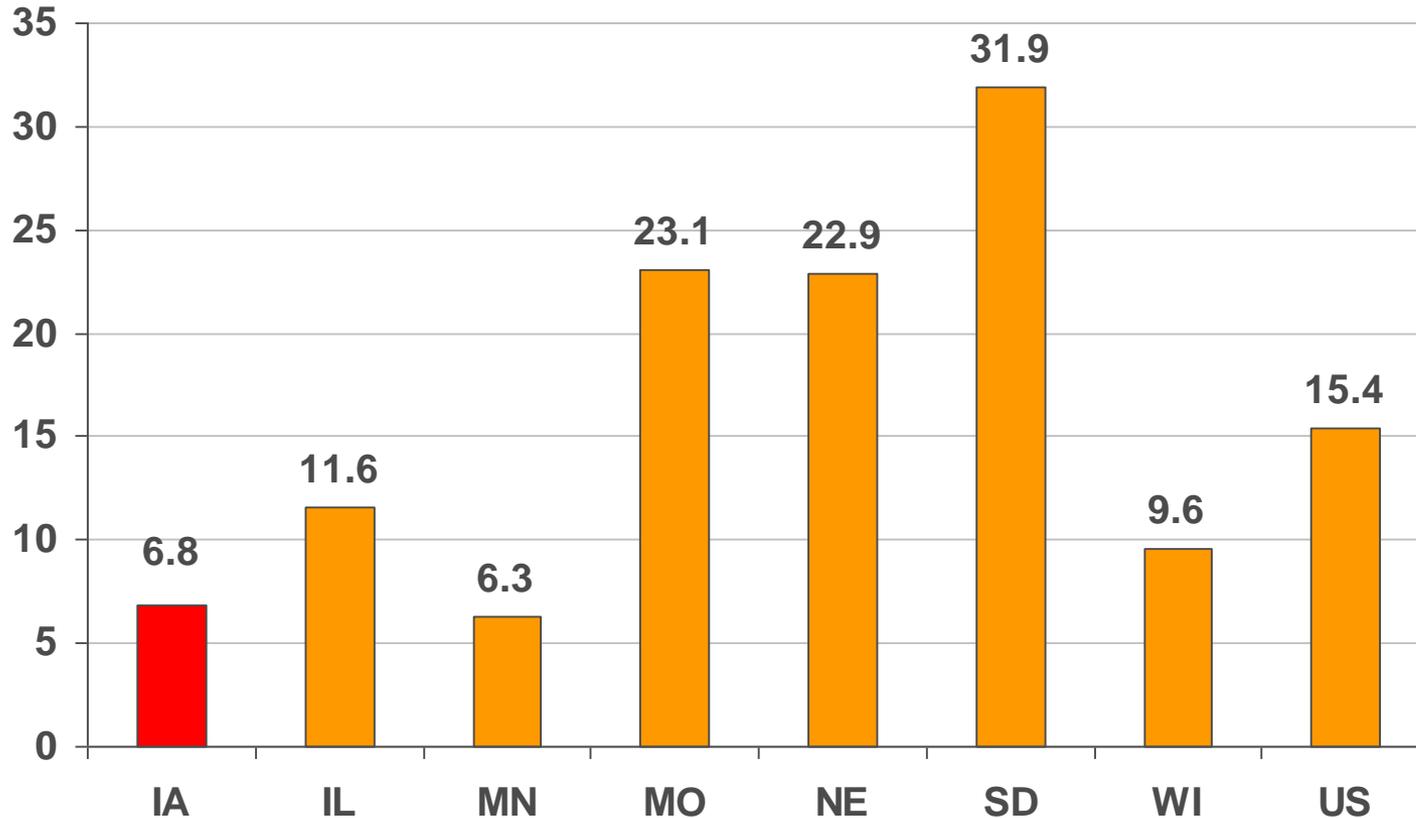
Source: Data provided by the Iowa Department of Corrections December 2008 and May 2010.

STATE MENTAL HEALTH INSTITUTES PATIENTS ON A SINGLE DAY, 2008 AND 2009



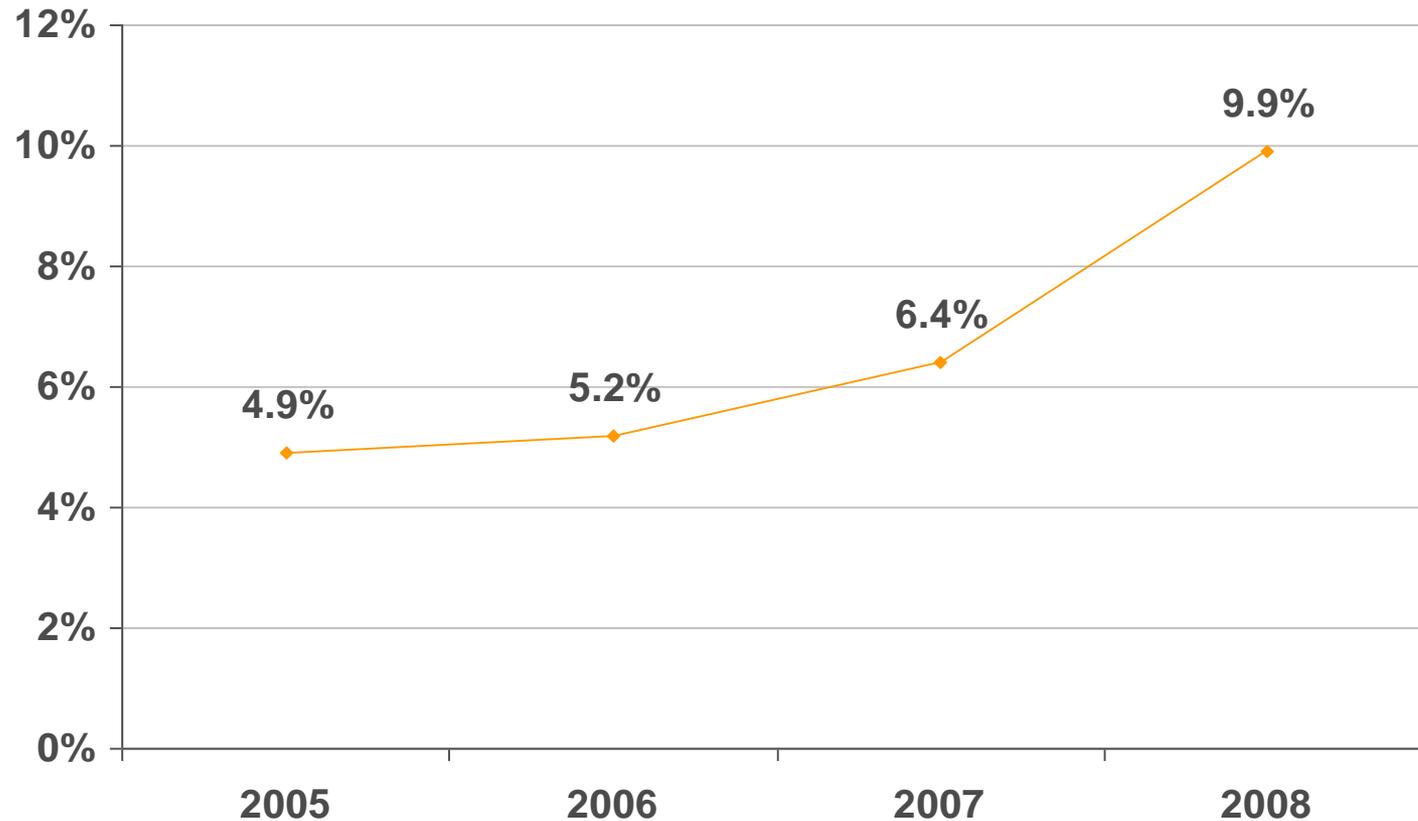
Source: Data provided by the Iowa Department of Human Services December 2008 and May 2010.

PEOPLE SERVED IN STATE MENTAL HEALTH HOSPITALS PER 100,000 STATE RESIDENTS, JULY 1, 2007



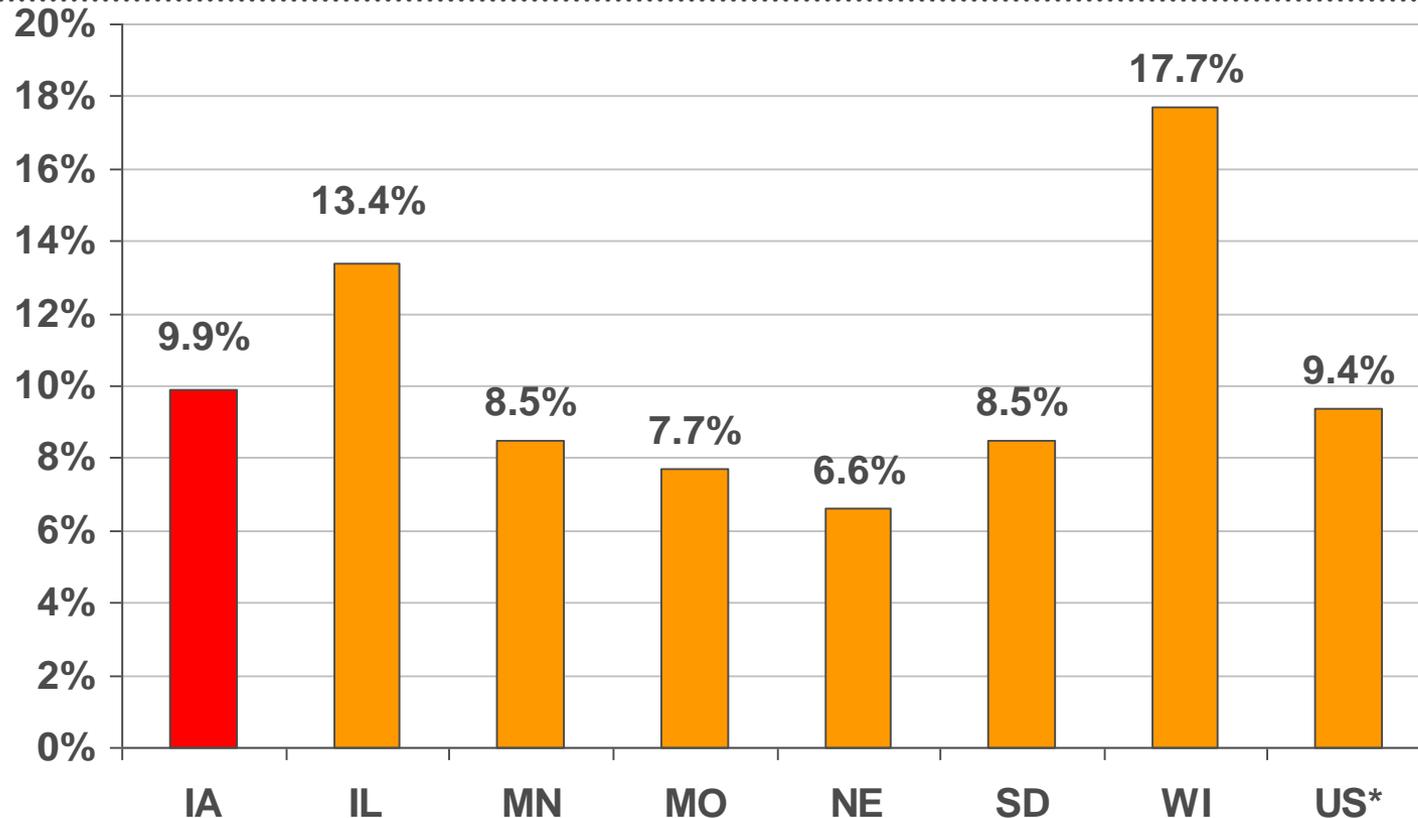
Source: U.S. Substance Abuse and Mental Health Services Administration *2008 CMHS Uniform Reporting System Output Tables* July 24, 2009 (U.S. data do not include Ohio, which did not report data)

PERCENTAGE OF STATE MENTAL HEALTH INSTITUTE PATIENTS AGE 18 OR OLDER READMITTED WITHIN 30 DAYS OF DISCHARGE



Source: U.S. Substance Abuse and Mental Health Services Administration annual output tables for *Iowa Mental Health National Outcome Measures (NOMS): CMHS Uniform Reporting System*

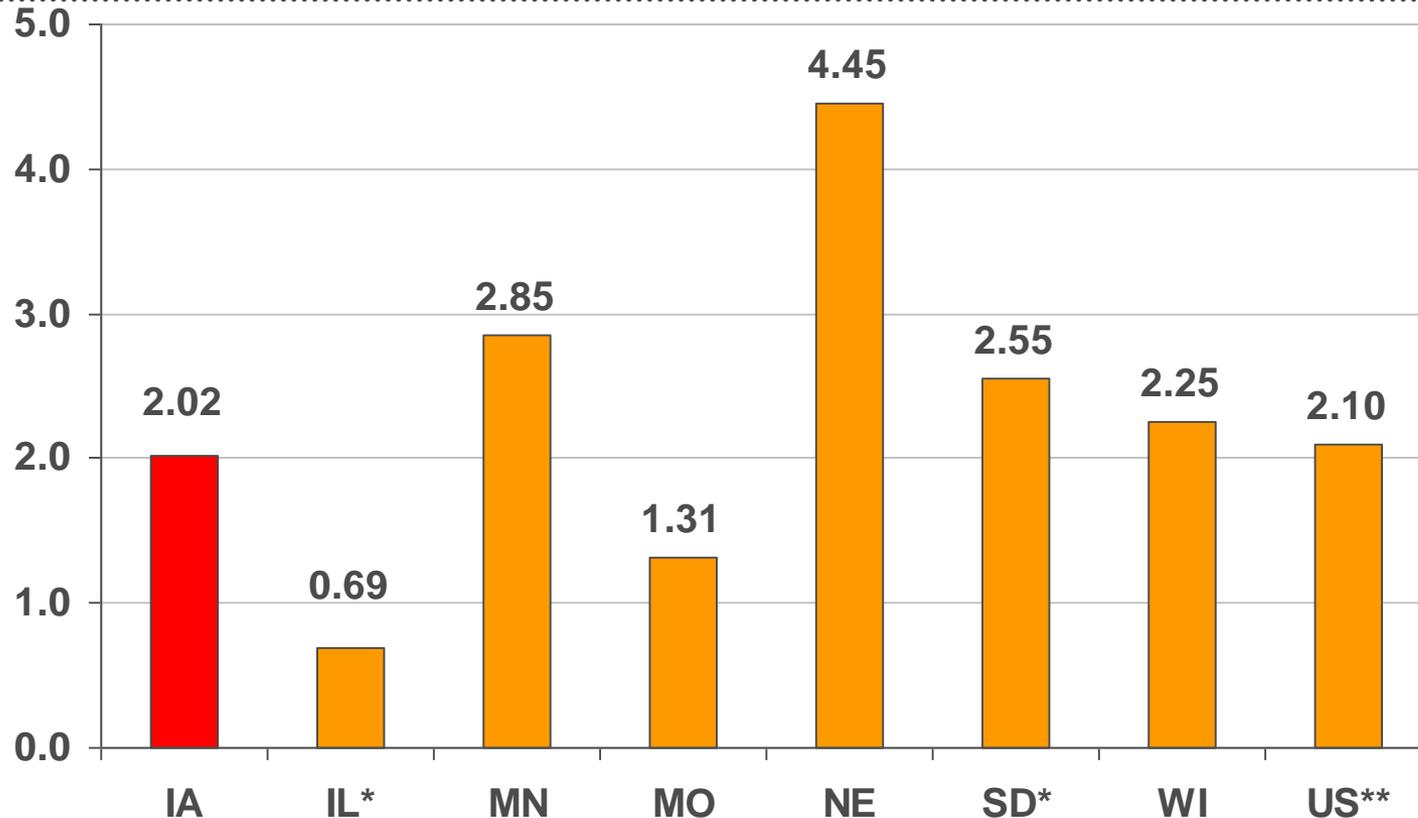
PERCENTAGE OF IOWA AND OTHER STATE MENTAL HEALTH HOSPITAL PATIENTS AGE 18 OR OLDER READMITTED WITHIN 30 DAYS, 2008



* United States data includes only 47 states that reported data.

Source: U.S. Substance Abuse and Mental Health Services Administration *2008 CMHS Uniform Reporting System Output Tables* July 24, 2009

PSYCHIATRIC HOSPITAL UTILIZATION (PUBLIC AND PRIVATE) PER 1,000 POPULATION, 2008



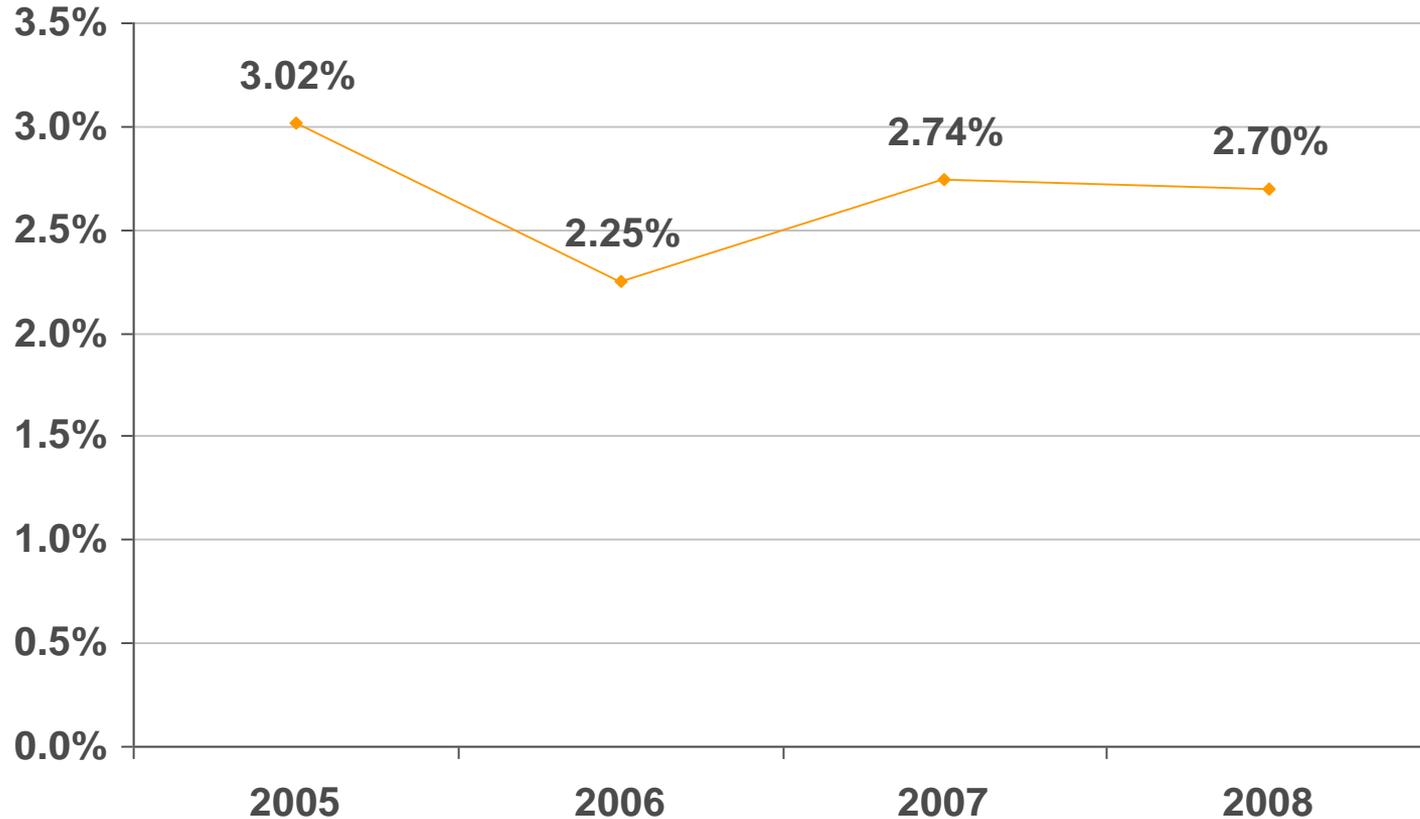
* Illinois and South Dakota data do not include private hospitals.

** United States data includes only 39 states that reported both public and private hospitals.

Source: U.S. Substance Abuse and Mental Health Services Administration *2008 CMHS Uniform Reporting System Output Tables* July 24, 2009

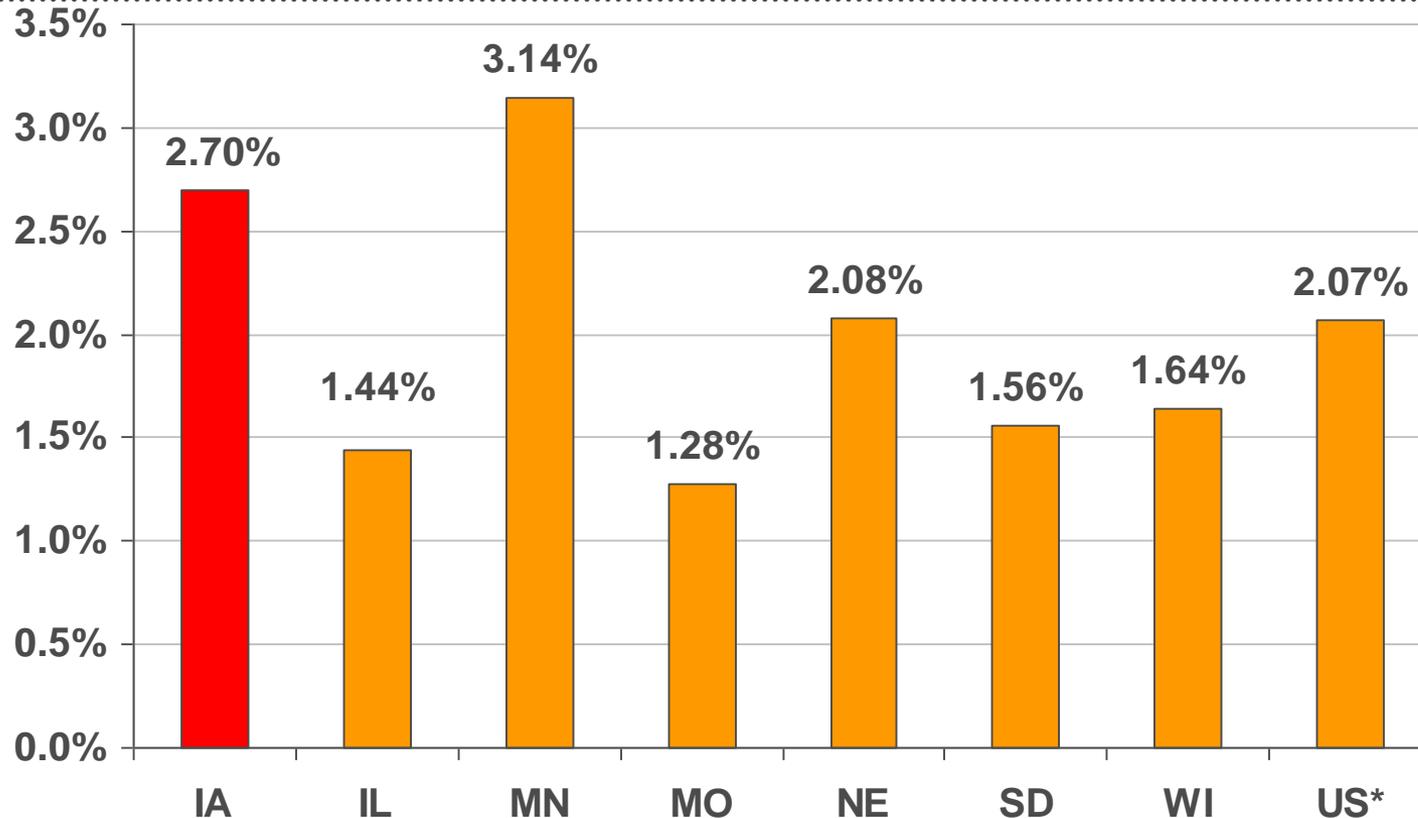


PERCENTAGE OF IOWA POPULATION WHO RECEIVED PUBLIC MENTAL HEALTH SERVICES



Source: U.S. Substance Abuse and Mental Health Services Administration annual output tables for *Iowa Mental Health National Outcome Measures (NOMS): CMHS Uniform Reporting System*

PERCENTAGE OF STATE POPULATION WHO RECEIVED PUBLIC MENTAL HEALTH SERVICES, IOWA AND OTHER STATES, 2008



* United States data includes all 58 states and territories.

Source: U.S. Substance Abuse and Mental Health Services Administration *2008 CMHS Uniform Reporting System Output Tables* July 24, 2009

SERVICES FOR CHILDREN WITH DISABILITIES OR SPECIAL HEALTH CARE NEEDS



THOMSON REUTERS

SERVICES FOR CHILDREN WITH DISABILITIES OR SPECIAL HEALTH CARE NEEDS - SUMMARY

- From 2006 to 2009, the largest increases in utilization and expenditures were in the Children's Mental Health waiver
- Special education and early intervention account for 71% of long-term support expenditures
- Iowa serves more children under age 21 in large facilities for people with developmental disabilities than most neighboring states and the U.S.
- Iowa serves more children under age 21 in nursing facilities than most neighboring states and the U.S.



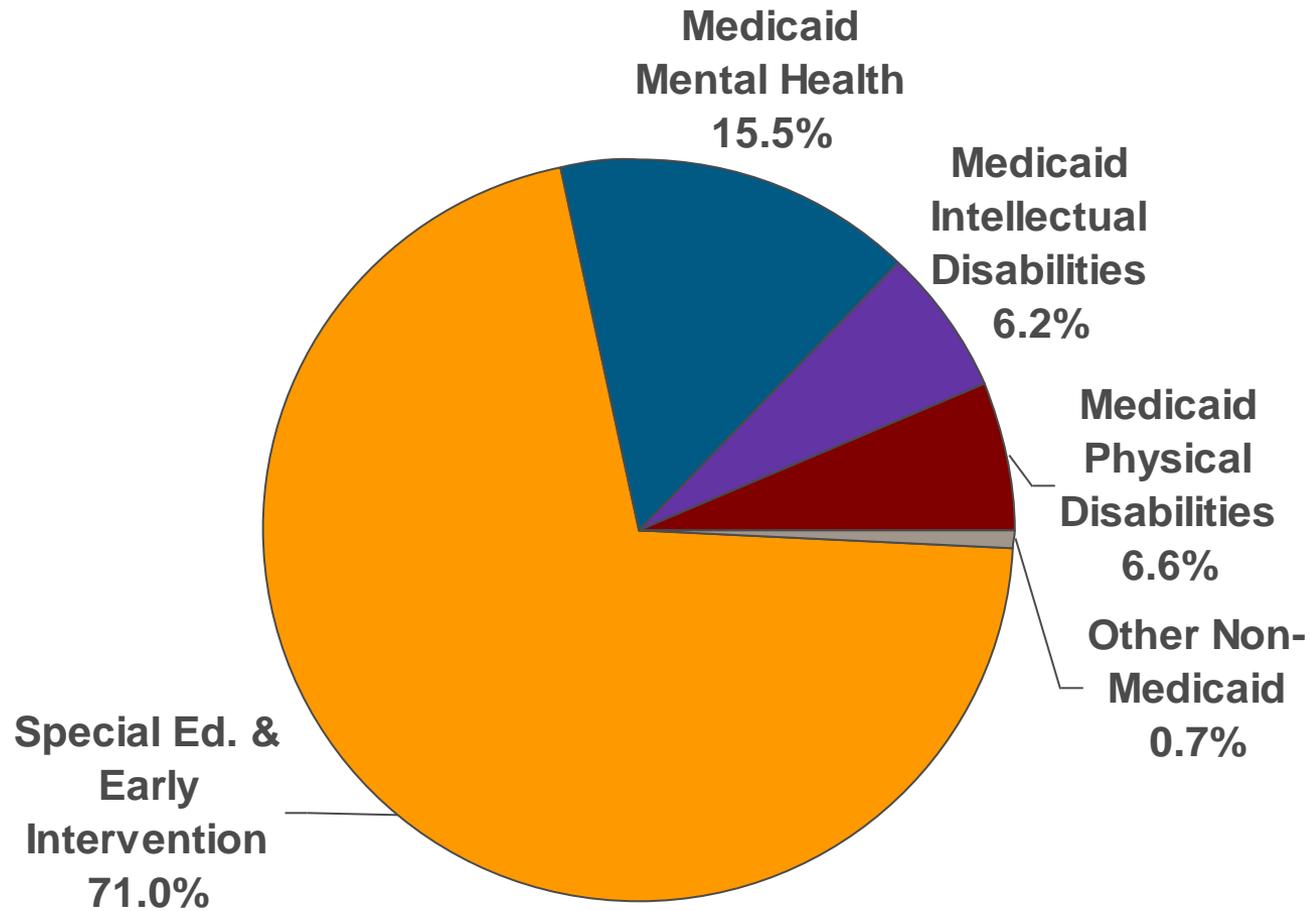
CHILDREN WITH DISABILITIES OR SPECIAL HEALTH CARE NEEDS RECEIVING SELECT PUBLIC LTS SERVICES, 2006 and 2009

Medicaid	2006	2009	Avg. Annual % Change
Remedial Services*	9,982	18,527	22.9%
Psych. Medical Institution (PMIC)	959	1,885	25.3%
Iowa Plan (average eligible per month)*	174,318	181,670	2%
Children's Mental Health Waiver	260	775	43.9%
Targeted Case Management – CMH Waiver	270	774	42.1%
ICF/MR	239	209	-4.4%
Intellectual Disabilities Waiver*	2,214	2,856	8.9%
Targeted Case Management – ID	2,395	2,949	7.2%
Nursing Facility	80	97	6.6%
Home Health Nursing	6,258	10,754	19.8%
Home Health Aide	570	433	-5.7%
Ill and Handicapped Waiver	1,166	1,316	4.1%
Brain Injury Waiver	220	349	16.6%
Non-Medicaid			
Special Ed. and Early Intervention	74,326	70,408	-1.8%
Child Health Specialty Clinics	4,012	5,911	13.8%
Children at Home Program & Family Support Subsidy	994	954	-1.4%

See Slide 76 for sources.



PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR CHILDREN WITH DISABILITIES OR SPECIAL HEALTH CARE NEEDS BY SERVICE SFY 2009



See Slide 76 for sources.

PUBLIC LONG-TERM SUPPORT EXPENDITURES FOR CHILDREN WITH DISABILITIES OR SPECIAL HEALTH CARE NEEDS, 2006 and 2009

	2006	2009	Avg. Annual % Change
Remedial Services*	\$44.7	\$51.9	5.1%
Psych. Medical Institution (PMIC)	\$25.0	\$34.6	11.4%
Iowa Plan*	\$39.1	\$42.2	2.6%
Children's Mental Health (CMH) Waiver	\$0.9	\$6.1	91.4%
Targeted Case Mgmt. – CMH	\$1.2	\$3.3	37.8%
State Plan Habilitation	\$0	\$0.4	n/a
ICF/MR	\$24.4	\$23.1	-1.8%
Intellectual Disabilities (ID) Waiver*	\$26.2	\$24.7	-2.0%
Targeted Case Mgmt. – ID	\$5.8	\$7.7	9.9%
Nursing Facility	\$5.2	\$8.8	19.0%
Home Health Nursing	\$13.0	\$19.8	14.9%
Home Health Aide	\$4.7	\$3.2	-11.6%
Other Waivers	\$10.4	\$13.7	9.5%
Total Medicaid	\$200.6	\$253.1	8.1%
Special Ed. and Early Intervention	\$585.3	\$635.0	2.8%
Child Health Specialty Clinics	\$2.6	\$4.8	22.5%
Children at Home Program/Family Support Subsidy	\$1.9	\$1.9	-0.8%
Total	\$790.4	\$894.9	4.2%

See Slide 76 for sources.



SOURCES FOR DATA FOR SLIDES 87 – 89

.....
Total Medicaid participants was not calculated because children may receive multiple types of services.

* Remedial services were not available in 2006. Data for rehabilitative services were used for 2006 remedial services data.

* Iowa Plan data participants data for 2009 were not available, so data for 2008 were used. Iowa Plan expenditures for 2009 are based on a) total expenditures data from the B-1 report and b) the percentage of expenditures for children in 2008 reported in Magellan Health Services *Iowa Plan Monthly Report, October 2008* November 18, 2008

* ID Waiver expenditures data by age group for 2009 are estimates based a) Total ID waiver expenditures data and b) an estimate of the percentage of expenditures for each age group.

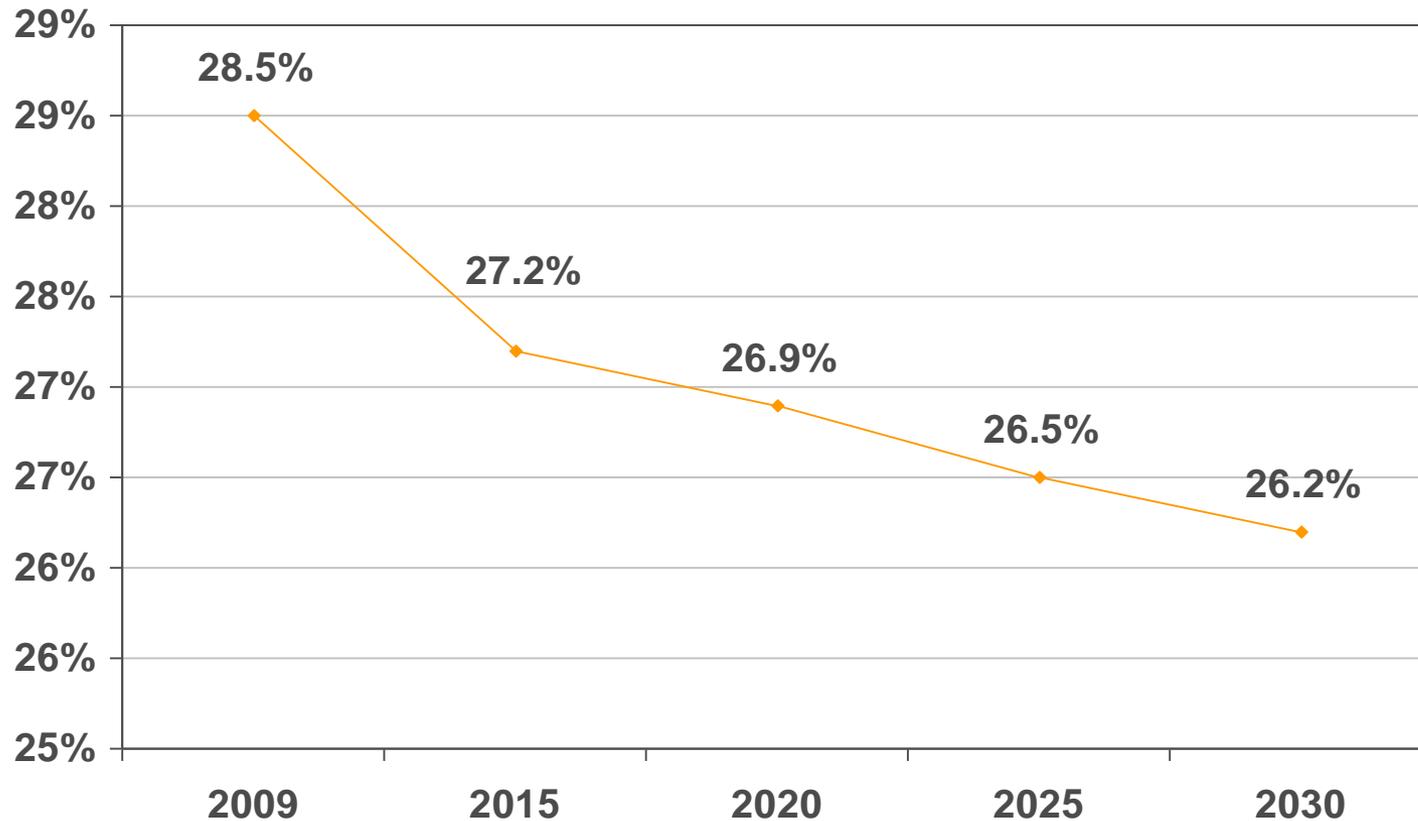
Sources:

Data provided by Iowa Department of Human Services, Iowa Medicaid Enterprise; Iowa Department of Human Services, Children and Family Services; Iowa Department of Education; and Iowa Department of Public Health between November 2008 and March 2009 and between July and September 2010.

Monthly B-1 reports, Iowa Department of Human Services, Iowa Medicaid Enterprise *Title XIX Report of Expenditures: Fiscal YTD Totals*, were used for remedial services and Iowa Plan data.

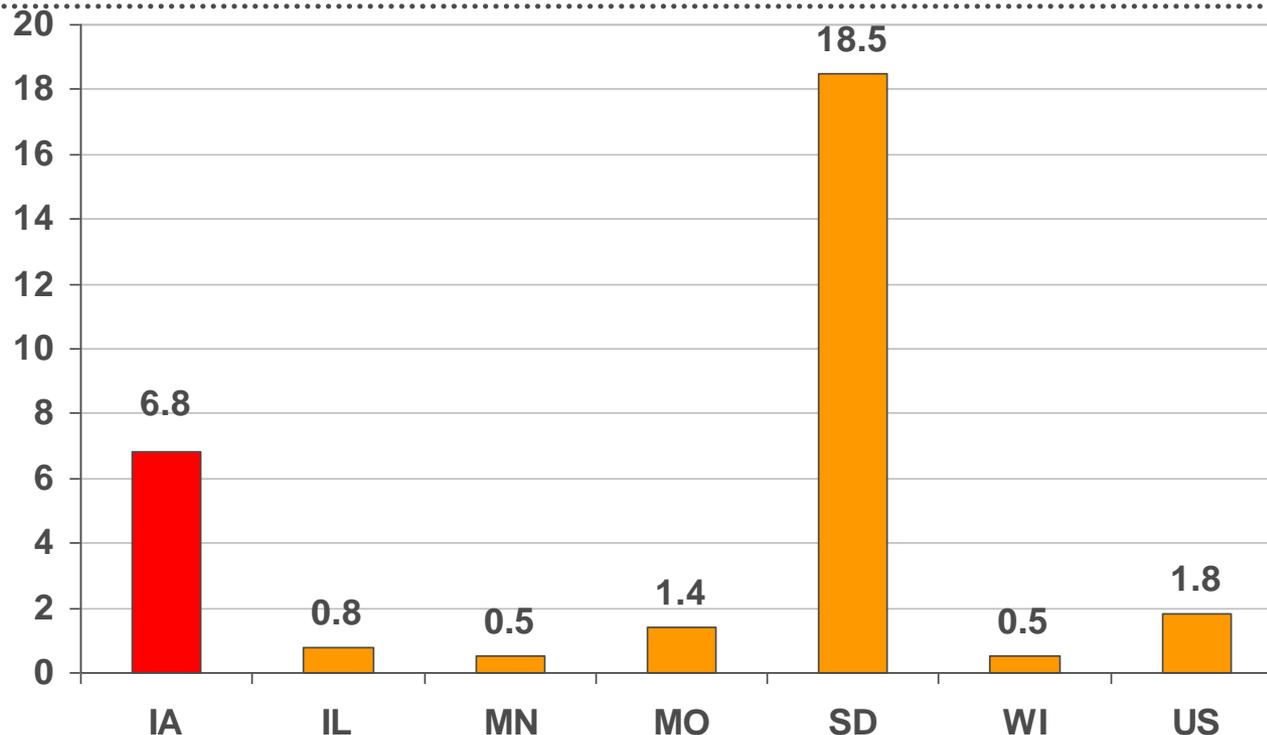
Iowa Department of Public Health's annual reports were used for Child Health Specialty Clinics data

PROJECTED DECREASE IN CHILDREN AS A PERCENTAGE OF TOTAL POPULATION



Source: U.S. Census Bureau “Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009” June 2010

CHILDREN AGE 0 – 20 IN STATE DEVELOPMENTAL DISABILITIES FACILITIES SERVING 16+ PEOPLE, PER 100,000 CHILD POPULATION, JUNE 30, 2008



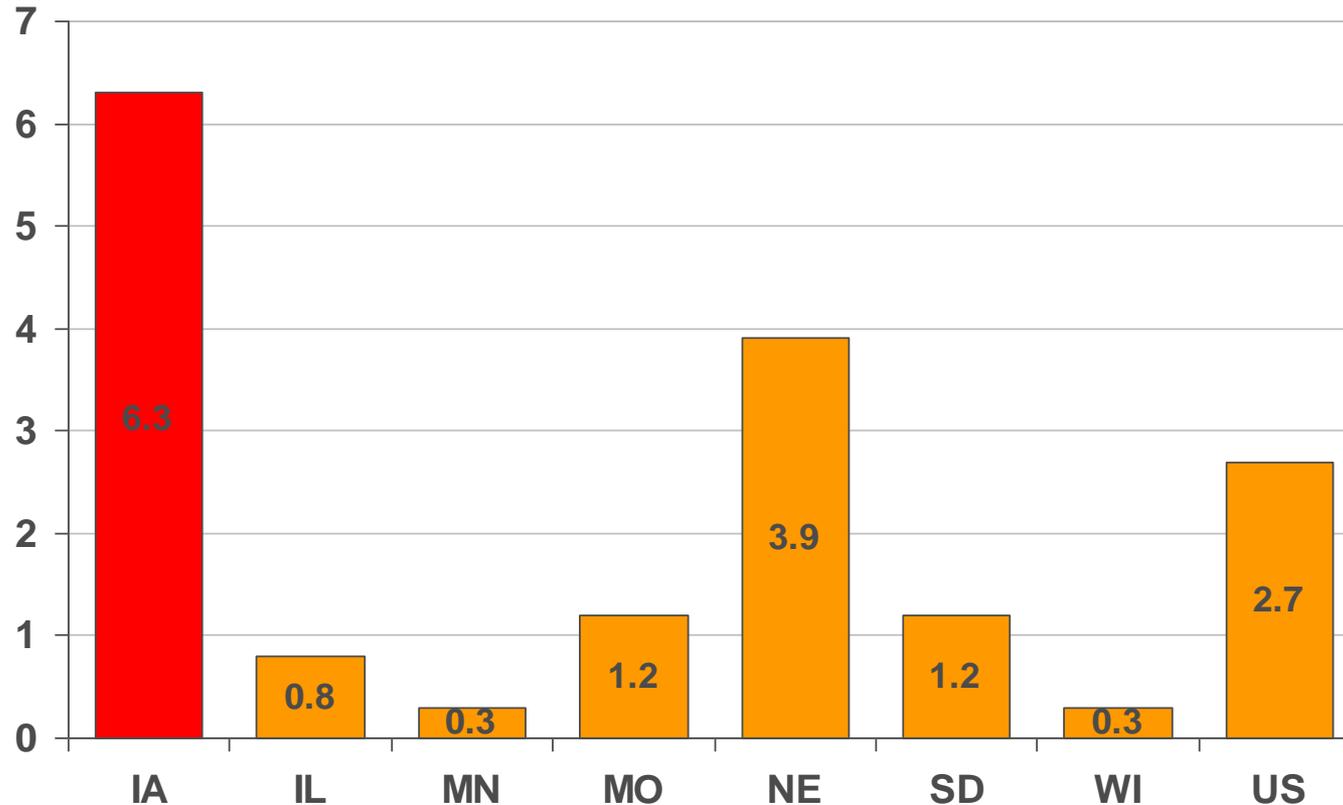
Data from Nebraska were not available.

Sources: Lakin, K. Charlie; Larson, Sheryl; Salmi, Pat; Scott, Naomi (eds.) *Residential Services for Persons with Developmental Disabilities: Status and Trends Through 2008* University of Minnesota Institute for Community Integration: 2009

U.S. Census Bureau “Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009” June 2010



MEDICAID NURSING FACILITY AVERAGE DAILY RESIDENTS UNDER AGE 21 PER 100,000 CHILD POPULATION, FFY 2007



Sources: U.S. Census Bureau "Annual Estimates of the Resident Population by Single-Year of Age and Sex for the United States and States: April 1, 2000 to July 1, 2009" June 2010
CMS *Medicaid Statistical Information System State Summary Datamart* Data obtained May 2010