Long-Term Care Services and Supports Data

Presentation to the Pennsylvania Long-Term Care Commission on

July 11, 2014

Purpose

- To provide a comparison of Pennsylvania's data with those states previously identified as having better LTCSS systems

- To provide data that provides insight into Pennsylvania's Long Term Care Services and Supports (LTCSS) programs
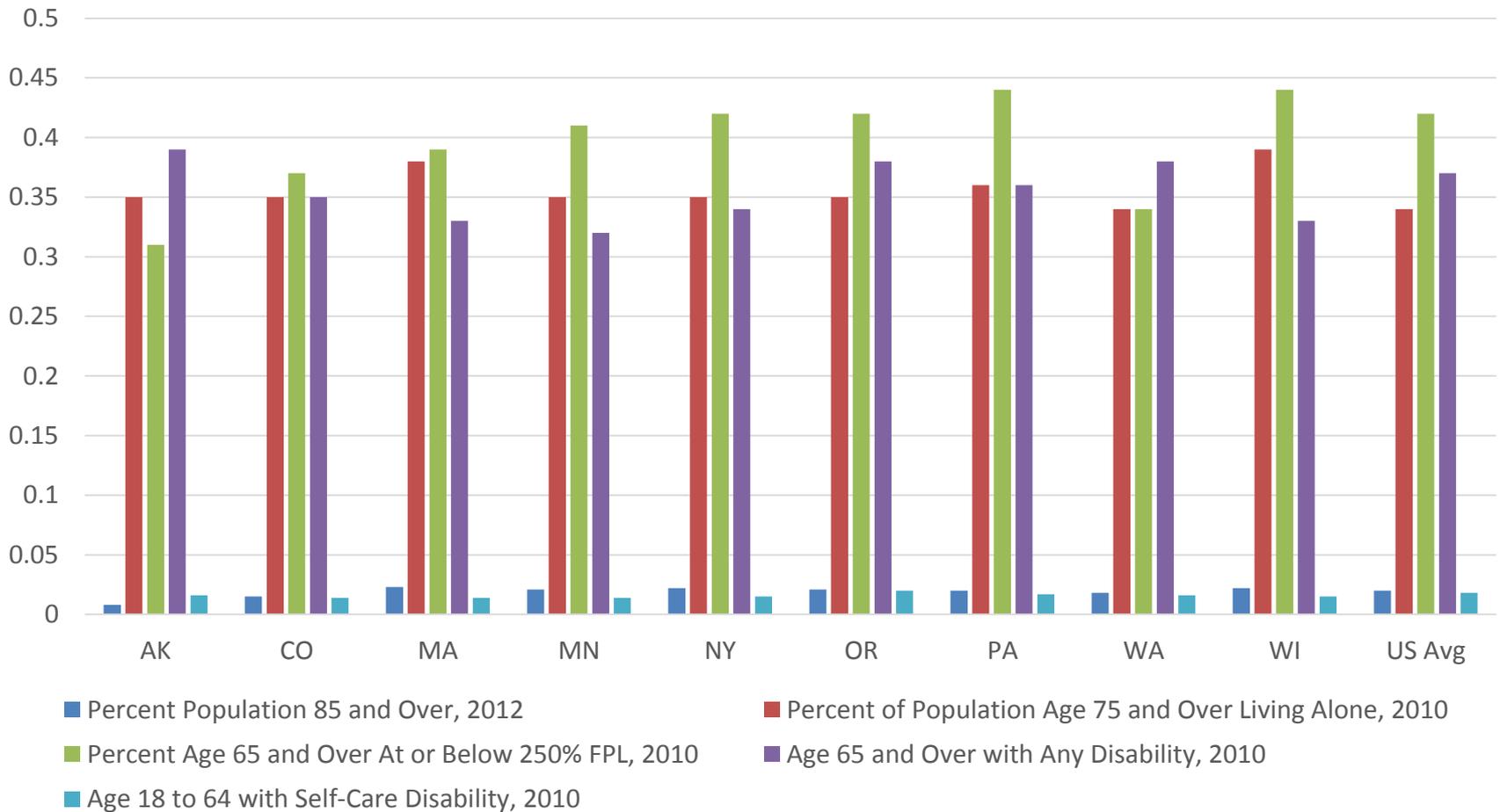
Data Sources and Citations

- Source: AARP Public Policy Institute, (2012). *Across the States 2012: State Profiles of Long Term Services and Supports*
- Source: Department of Aging , SAMS System as of 5/31/2014
- Source: Department of Public Welfare, PROMISe Data Warehouse, as of 6/01/2014
- Source: Truven Health Analytics, 2014, Medicaid Expenditures for Long-Term Services and Supports in FFY 2012
- Source: U.S. Census Bureau, Population Division, Population Division, Table 2. Intercensal Estimates of the Resident Population by Sex and Age for Pennsylvania: April 1, 2000 to July 1, 2010 (ST-EST00INT-02-42)
- Source: U.S. Census Bureau, Population Division, Annual Estimates of the Resident Population for Selected Age Groups by Sex for the United States, States, Counties, and Puerto Rico Commonwealth and Municipios: April 1, 2010 to July 1, 2012.
- Source: Reinhard,S., Kassner,E., Houser, A., Ujvari, K., Mollica,R., & Hendrickson, L., (2014). *A State Scorecard on Long-Term Services and Supports for Older Adults, People with Physical Disabilities, and Family Caregivers*, 2014

National LTCSS Data Comparison

Comparison of Selected States' Characteristics

- Population characteristics
- Number delegated tasks
- LTI per 1000 residents > 40 years of age

State Population Characteristics, 2012

Legend:
- Percent Population 85 and Over, 2012
- Percent of Population Age 75 and Over Living Alone, 2010
- Percent Age 65 and Over At or Below 250% FPL, 2010
- Age 65 and Over with Any Disability, 2010
- Age 18 to 64 with Self-Care Disability, 2010

Source: AARP Public Policy Institute, 2010

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LTC Insurance Policies in Effect Per 1000 Residents Age 40 and Over, 2010

State	Policies per 1000
AK	29
CO	55
MA	50
MN	73
NY	38
OR	47
PA	40
WA	50
WI	54
Average	45

Source: AARP Public Policy Institute, 2010

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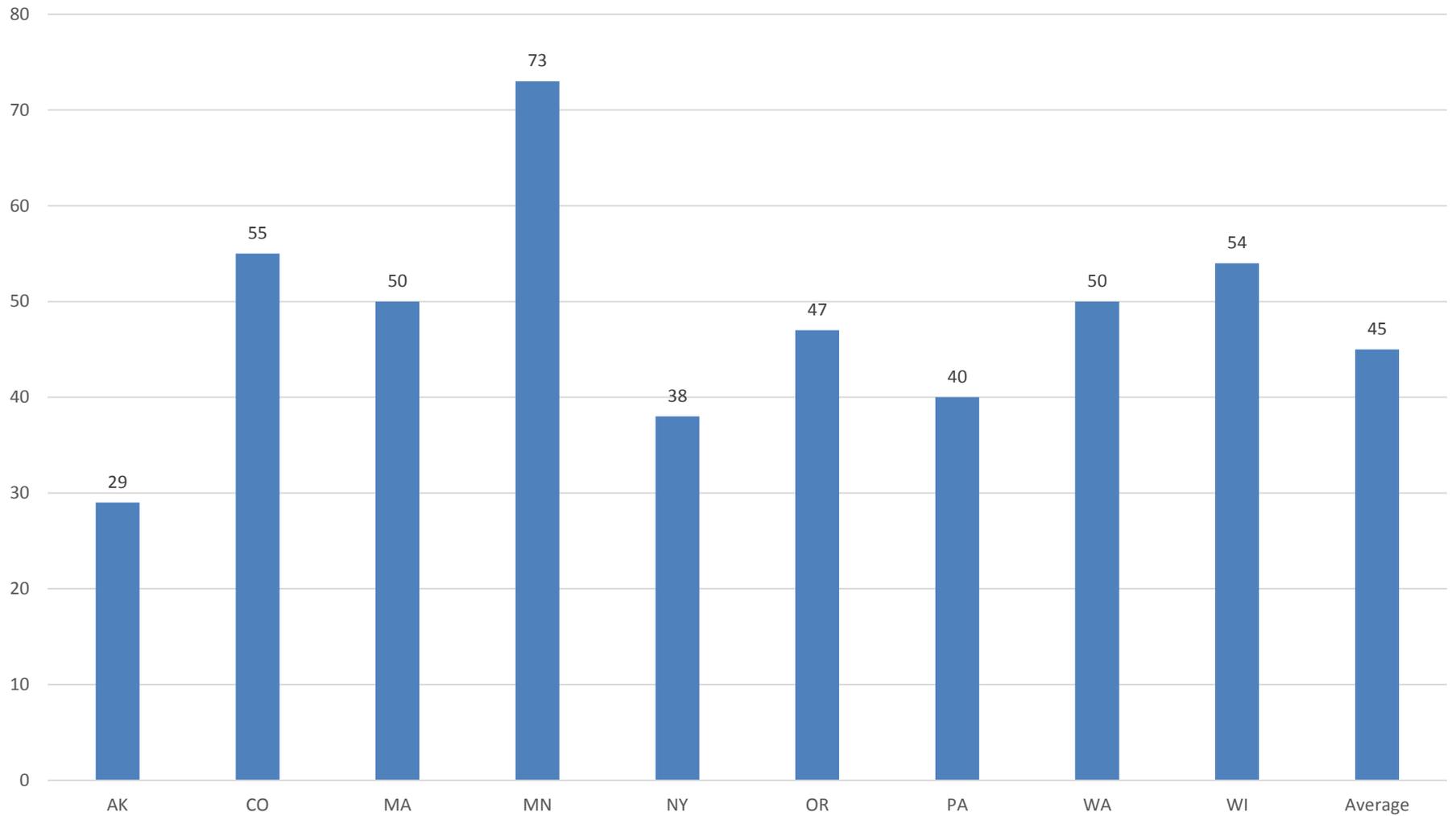
Number of Health Maintenance Tasks able to be Delegated to LTCSS Workers (out of 16 tasks), 2011

State	Number of Tasks
AK	16
CO	16
MA	2
MN	16
NY	11
OR	16
PA	0
WA	16
WI	14
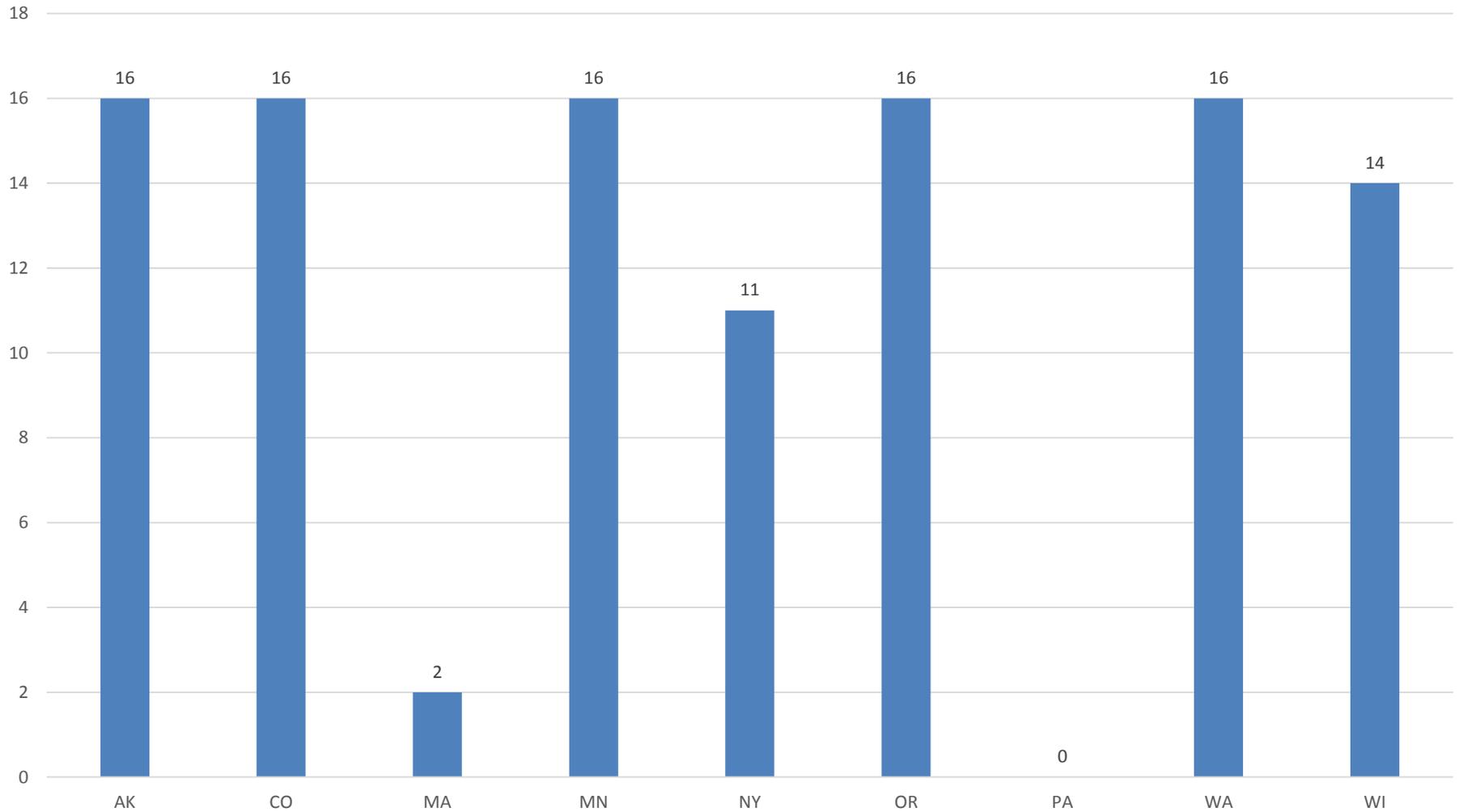
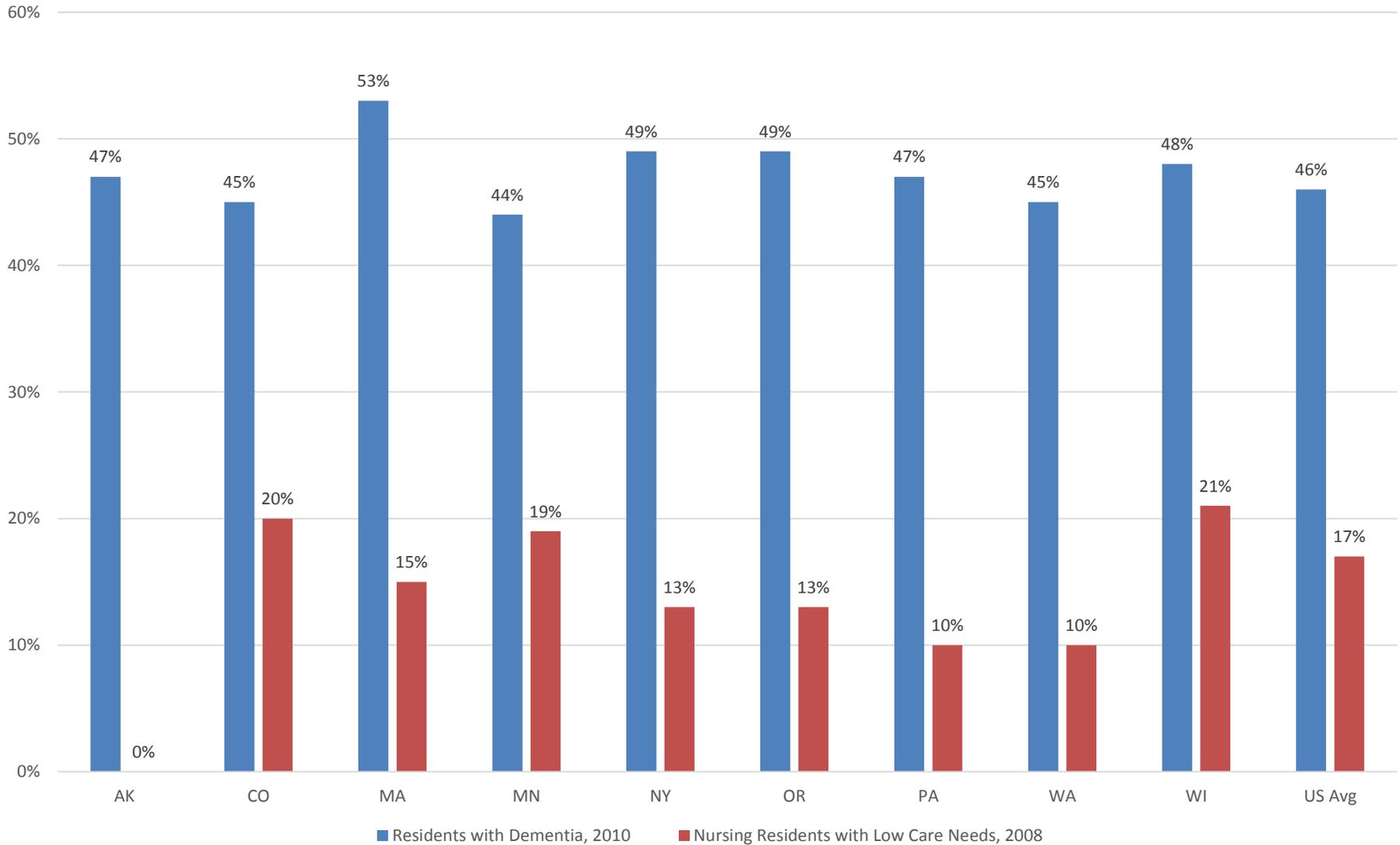Source: AARP Public Policy Institute, 2012

Health Maintenance Tasks Able to be Delegated to LTCSS Workers

- Administer Oral Medications
- Administer Medication on an as Needed Basis
- Administer Medication via Pre-Filled Insulin or Insulin Pen
- Draw Up Insulin for Dosage Measurement
- Administer Intramuscular Injection Medications
- Administer Glucometer Test
- Administer Medication through Tubes
- Insert Suppository
- Administer Eye/Ear Drops
- Gastrostomy Tube Feeding
- Administer Enema
- Perform Intermittent Catheterization
- Perform Ostomy Care Including Skin Care and Changing Appliance
- Perform Nebulizer Treatment
- Administer Oxygen Therapy
- Perform Ventilator Respiratory Care

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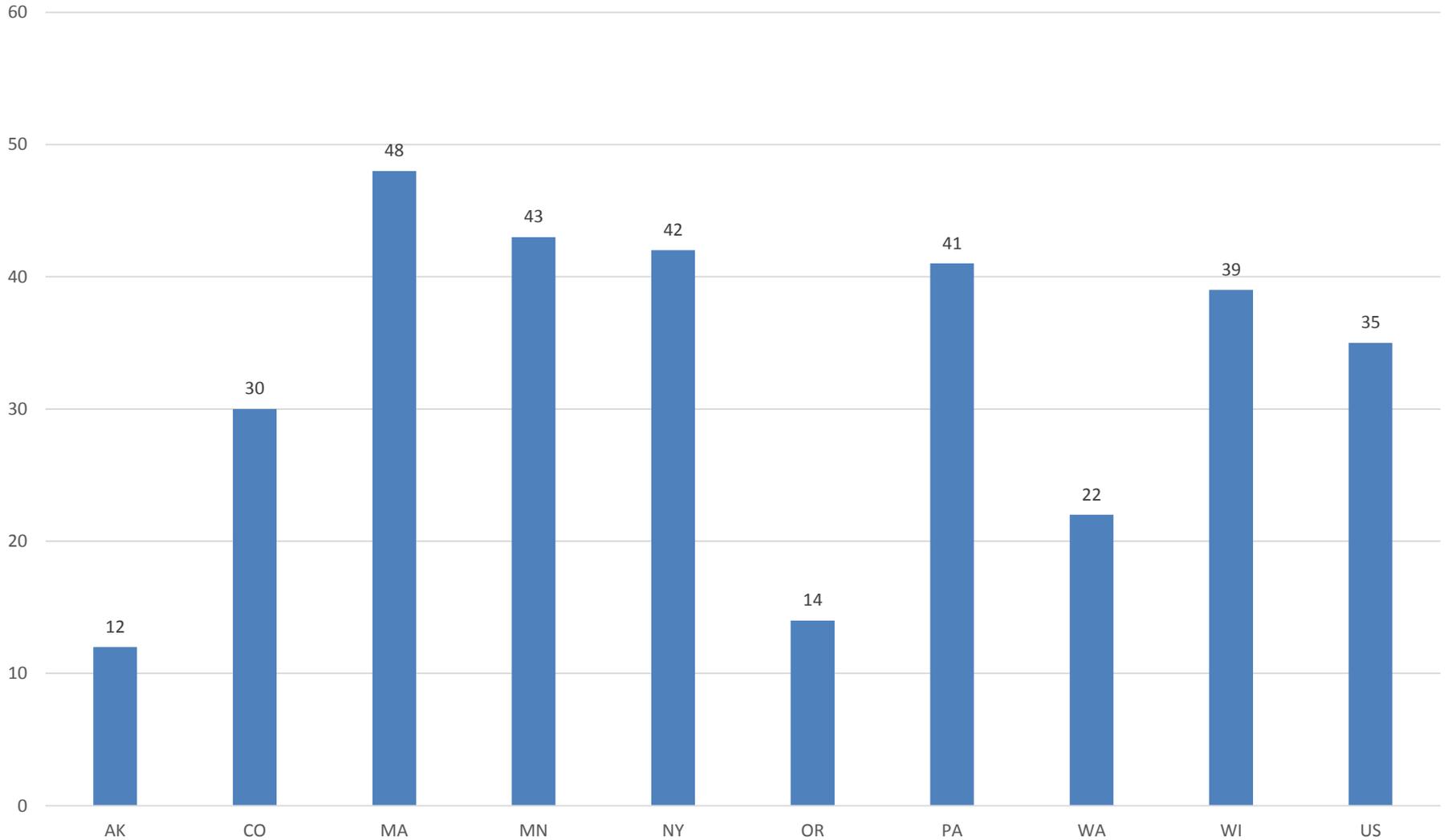
Source: AARP Public Policy Institute, 2012

Comparison of Nursing Facility Data

- NF resident characteristics
- NF residents per 1000 age 65 and over

Nursing Facility Resident Characteristics

State	Residents with Dementia, 2010	Nursing Residents with Low Care Needs, 2008
AK	47%	0%
CO	45%	20%
MA	53%	15%
MN	44%	19%
NY	49%	13%
OR	49%	13%
PA	47%	10%
WA	45%	10%
WI	48%	21%
US Avg	46%	17%

■ Residents with Dementia, 2010   ■ Nursing Residents with Low Care Needs, 2008

Source: AARP Public Policy Institute, 2012

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NF Residents Per 1000 Population Age 65 and Over, 2010

State	Value
AK	12
CO	30
MA	48
MN	43
NY	42
OR	14
PA	41
WA	22
WI	39
US	35

Source: AARP Public Policy Institute, 2012

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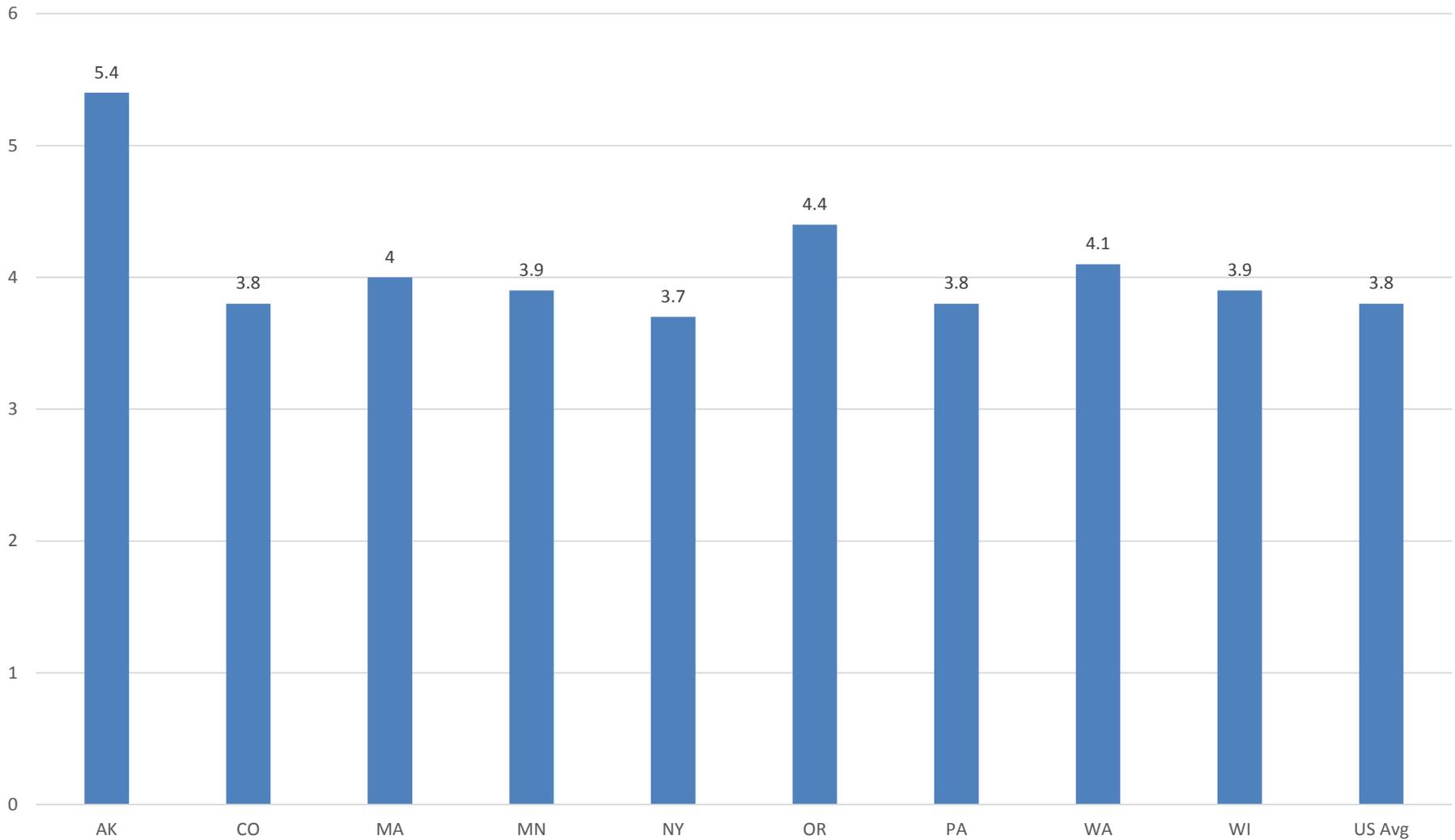
Comparison of Selected States' Quality Related Items

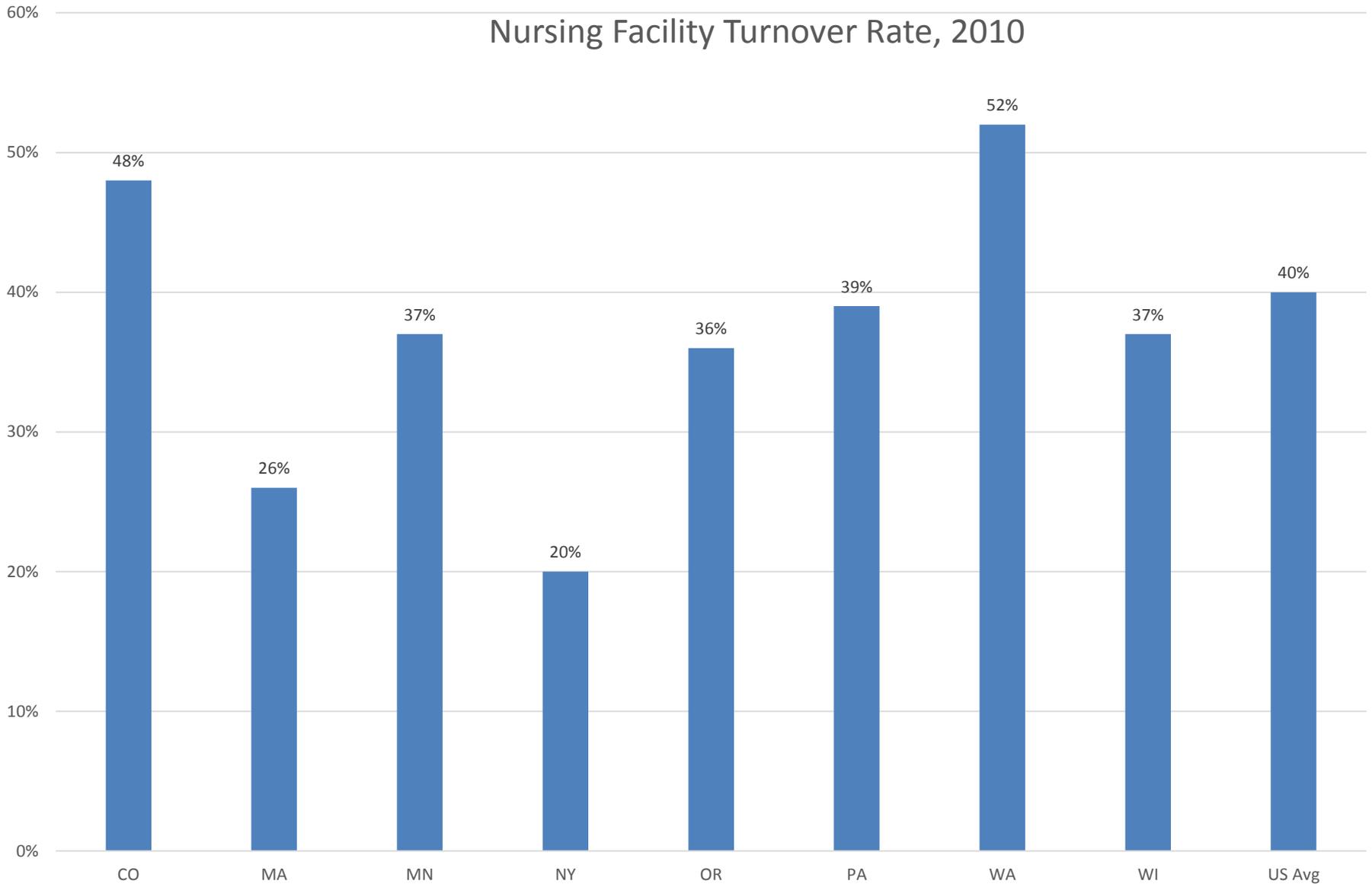- Direct care nursing hours

- NF turnover rate

- NF quality outcomes

- Percent HH patients with hospital admission

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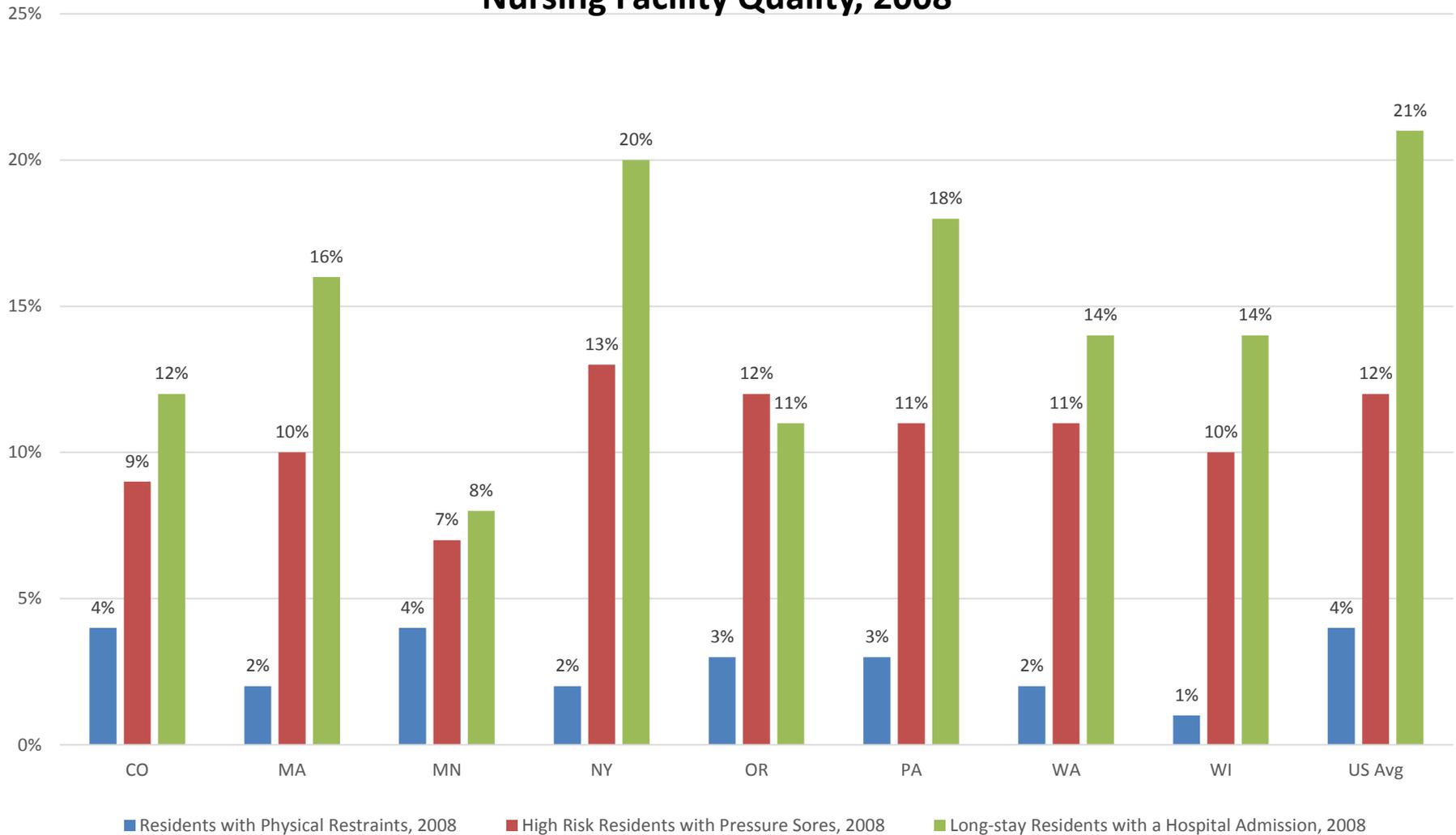# Direct Care Nursing Hours Per Resident Day, 2010

Source: AARP Public Policy Institute, 2012

Nursing Facility Turnover Rate, 2010

Source: AARP Public Policy Institute, 2012

Nursing Facility Quality, 2008

Source: AARP Public Policy Institute, 2012

Legend:
- Residents with Physical Restraints, 2008
- High Risk Residents with Pressure Sores, 2008
- Long-stay Residents with a Hospital Admission, 2008

State	Residents with Physical Restraints	High Risk Residents with Pressure Sores	Long-stay Residents with a Hospital Admission
CO	4%	9%	12%
MA	2%	10%	16%
MN	4%	7%	8%
NY	2%	13%	20%
OR	3%	12%	11%
PA	3%	11%	18%
WA	2%	11%	14%
WI	1%	10%	14%
US Avg	4%	12%	21%

Percent of Home Health Patients with Hospital Admission, 2012

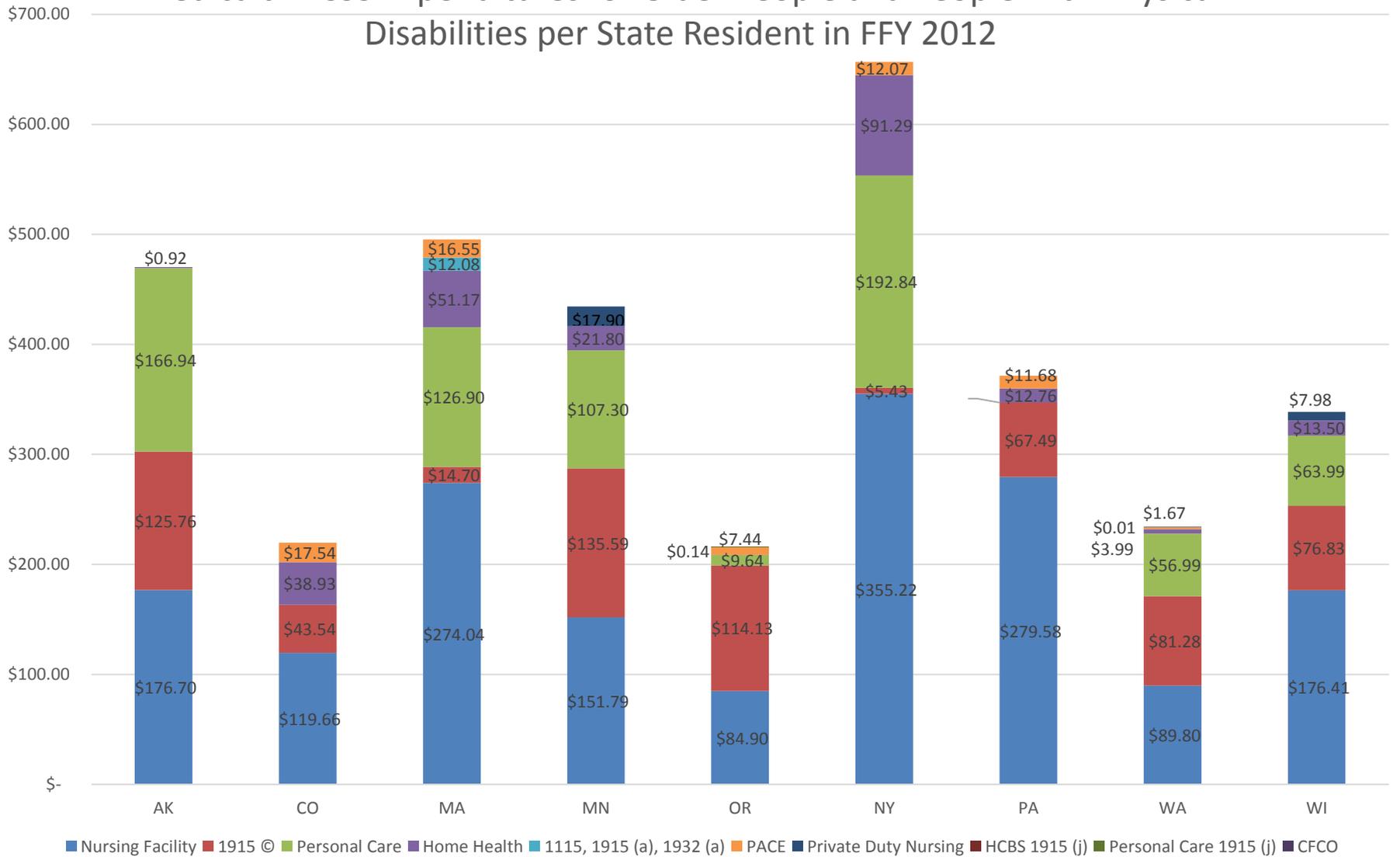| State	Percent
AK	25.6%
CO	24.5%
MA	26.7%
MN	27.6%
NY	29.5%
OR	21.4%
PA	25.1%
WA	23.3%
WI	25.1%
US	26.2%
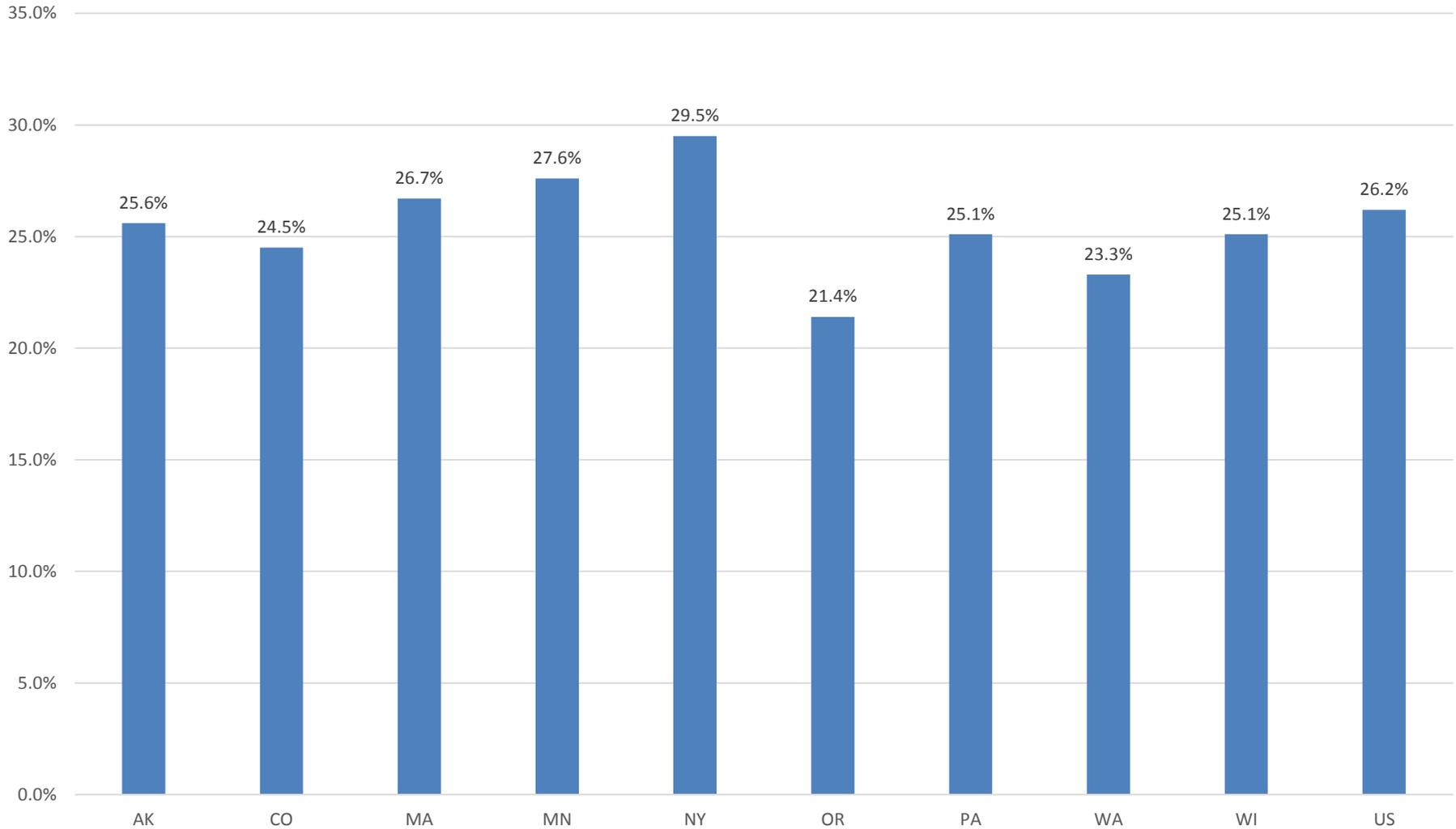
Source: A State Scorecard on Long-Term Services and Supports for Older Adults, People with Physical Disabilities, and Family Caregivers, 2014

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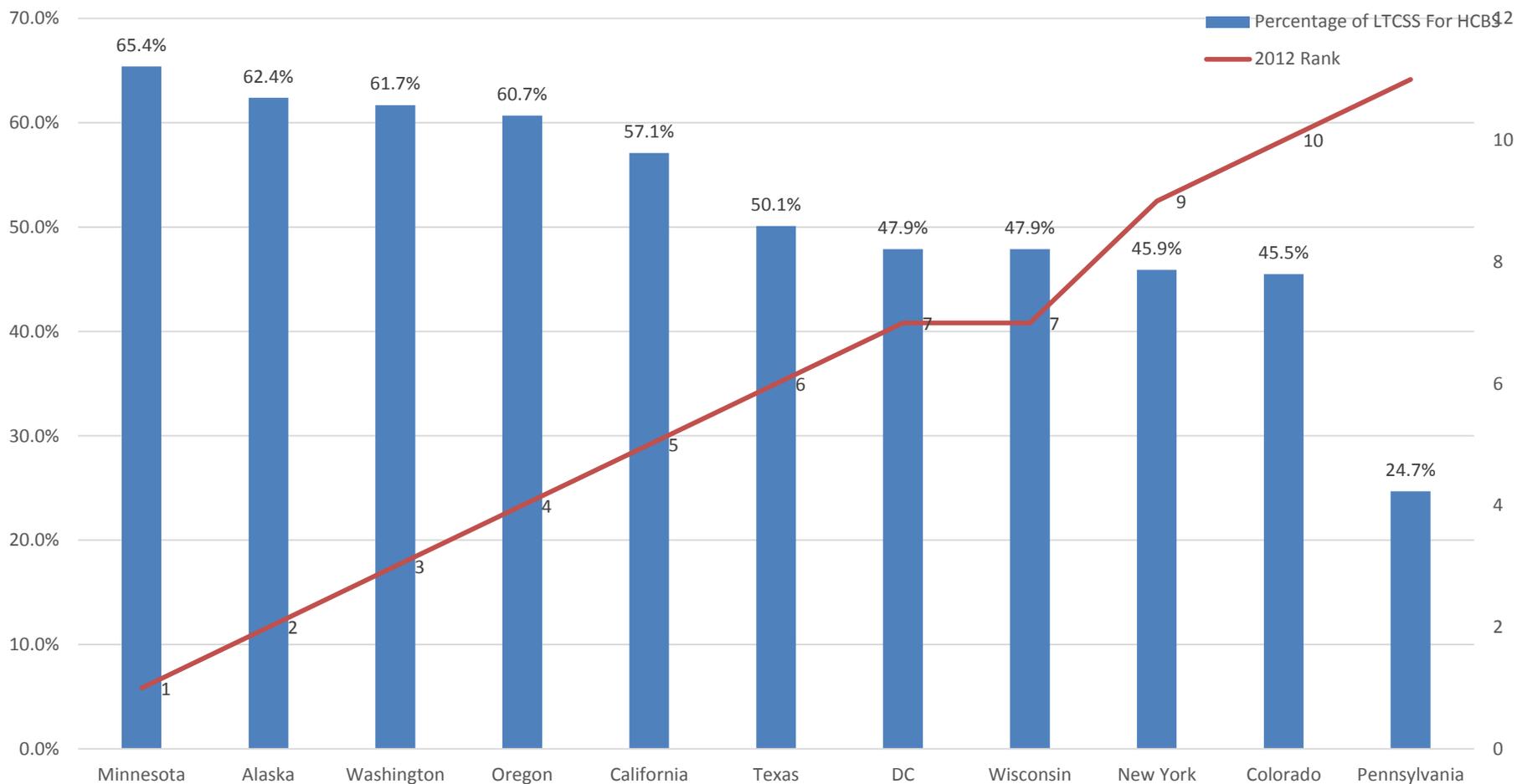
Comparison of Selected States' Expenditures

- Per capita Medicaid spend by service
- Percent Medicaid LTCSS spend on HCBS
- State funded HCBS
- Economic value of family caregivers

Medicaid LTCSS Expenditures for Older People and People with Physical Disabilities per State Resident in FFY 2012

Source: Truven Health Analytics, 2014

Legend: Nursing Facility | 1915 © | Personal Care | Home Health | 1115, 1915 (a), 1932 (a) | PACE | Private Duty Nursing | HCBS 1915 (j) | Personal Care 1915 (j) | CFCO

State	Nursing Facility	1915 ©	Personal Care	Home Health	1115, 1915 (a), 1932 (a)	PACE	Private Duty Nursing	HCBS 1915 (j)	Personal Care 1915 (j)	CFCO
AK	$176.70	$125.76	$166.94			$0.92				
CO	$119.66	$43.54		$38.93		$17.54				
MA	$274.04	$14.70	$126.90	$51.17	$12.08	$16.55				
MN	$151.79	$135.59	$107.30	$21.80			$17.90			
OR	$84.90	$114.13	$9.64			$7.44			$0.14	
NY	$355.22	$5.43	$192.84	$91.29		$12.07				
PA	$279.58	$67.49		$12.76		$11.68				
WA	$89.80	$81.28	$56.99		$0.01	$3.99				$1.67
WI	$176.41	$76.83	$63.99	$13.50			$7.98			

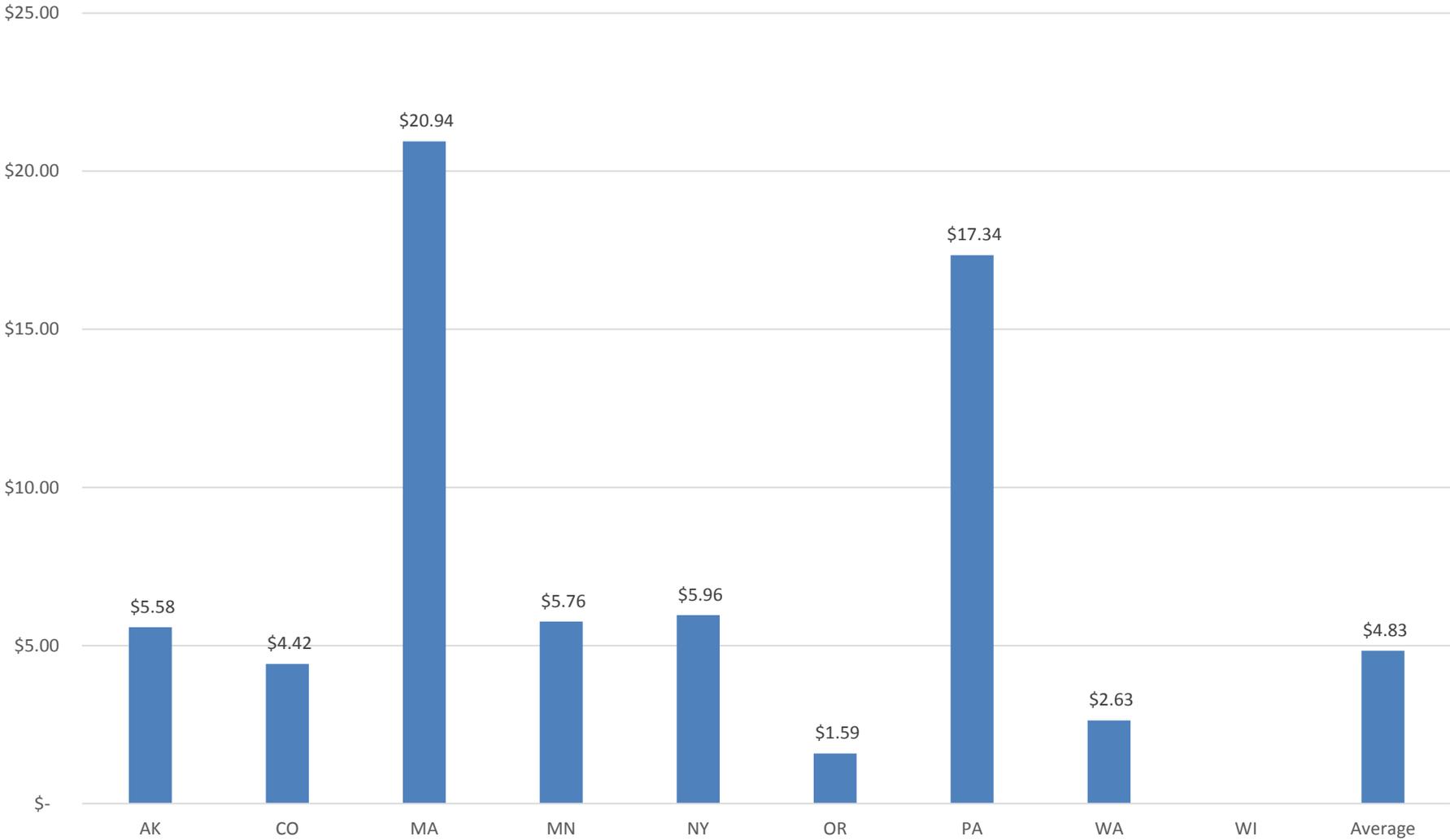sellers dorsey
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Percentage of Total Medicaid HCBS LTCSS Expenditures to Total Medicaid LTCSS Expenditures for Older People and People with Physical Disabilities, FFY 2012

Legend: Percentage of LTCSS For HCBS; 2012 Rank

State	Percentage	Rank
Minnesota	65.4%	1
Alaska	62.4%	2
Washington	61.7%	3
Oregon	60.7%	4
California	57.1%	5
Texas	50.1%	6
DC	47.9%	7
Wisconsin	47.9%	7
New York	45.9%	9
Colorado	45.5%	10
Pennsylvania	24.7%	

Note: Total LTCSS includes HCBS, LIFE and NF

Source: Truven Health Analytics, 2014

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State Funded HCBS Per Person in the State, 2009

State	Amount
AK	$5.58
CO	$4.42
MA	$20.94
MN	$5.76
NY	$5.96
OR	$1.59
PA	$17.34
WA	$2.63
WI	
Average	$4.83

Note: For PA, this includes Act 150 and Options

Source: AARP Public Policy Institute, 2012

# Economic Value of Family Caregivers Per 1000 Population, 2009

State	Value
AK	$1,310
CO	$1,660
MA	$1,570
MN	$1,440
NY	$1,580
OR	$1,630
PA	$1,580
WA	$1,590
WI	$1,020
Average	$1,460
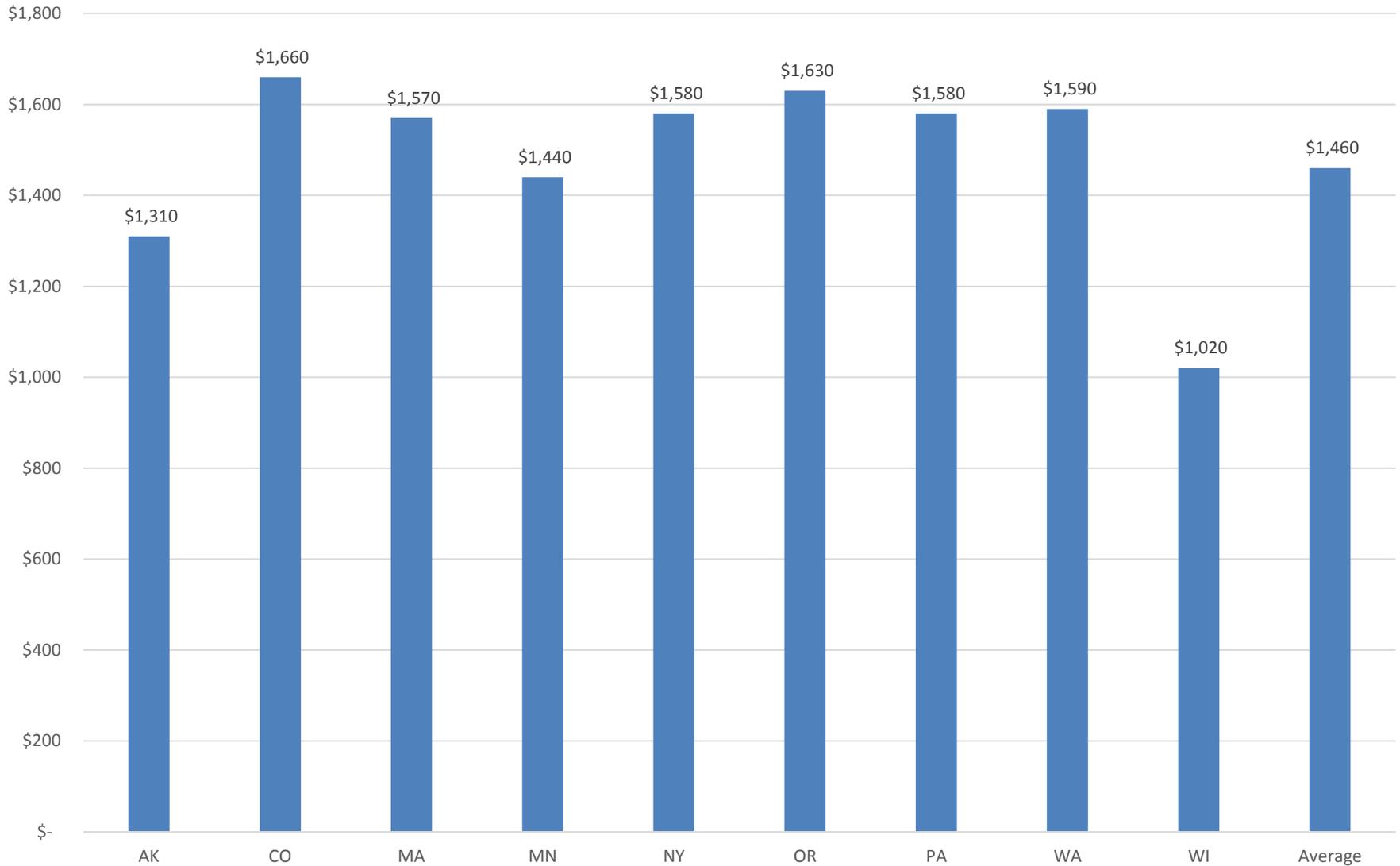
Note: PA's total economic value was $19.9 billion

Source: AARP Public Policy Institute, 2012

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Pennsylvania LTCSS Data Comparison

- Percent of Medicaid LTCSS spent on HCBS

- OLTL Utilization and Expenditure Data Department of Aging Utilization and Expenditure Data

- Department of Aging Activities of Daily Living Data

Percentage of Medicaid LTCSS Expenditures For HCBS to Total LTCSS Expenditures for Older Individuals and Individuals with Physical Disabilities, FFY 2007 to FFY 2012
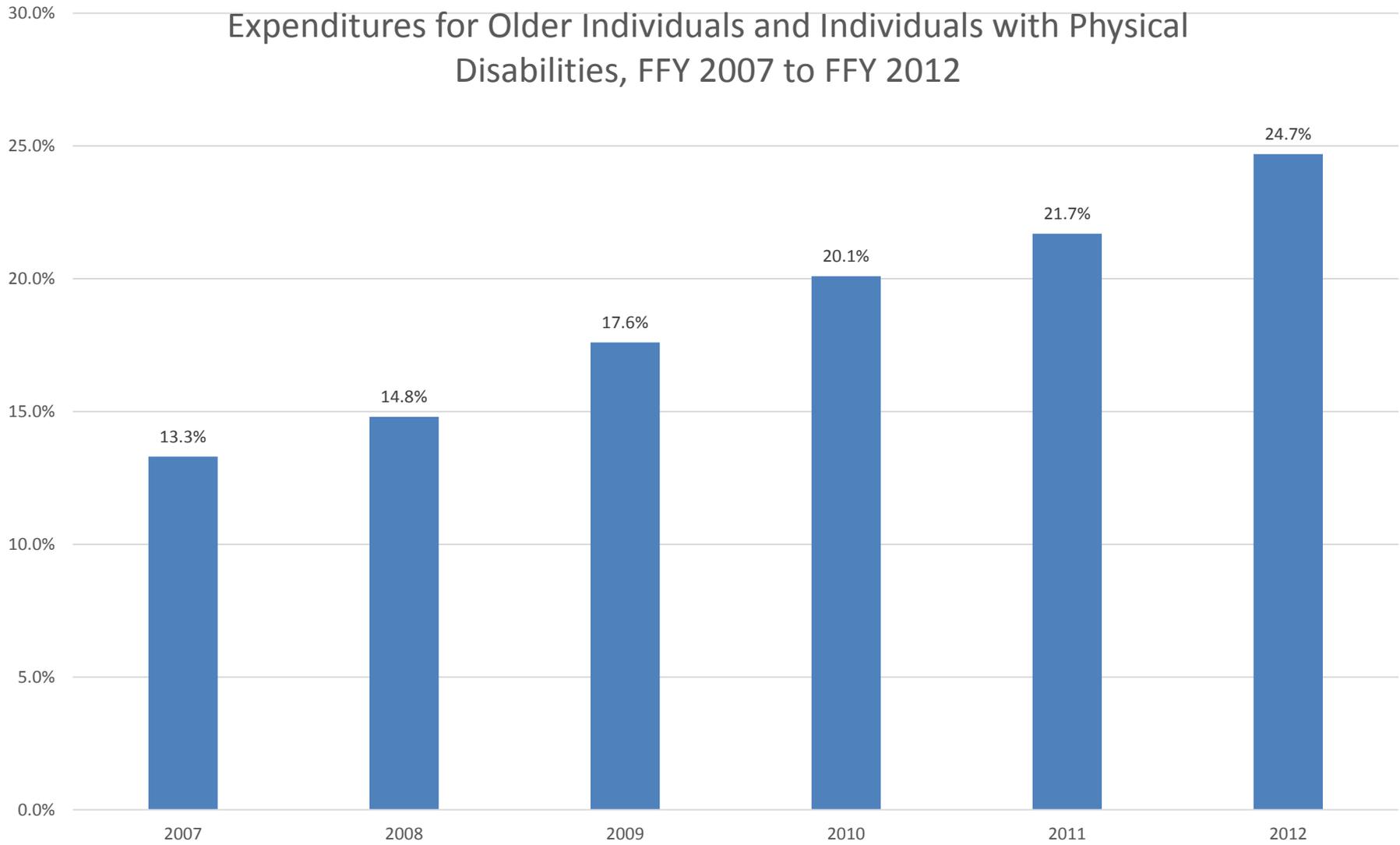

Note: Total LTCSS includes HCBS, LIFE and NF

Source: Truven Health Analytics, 2014

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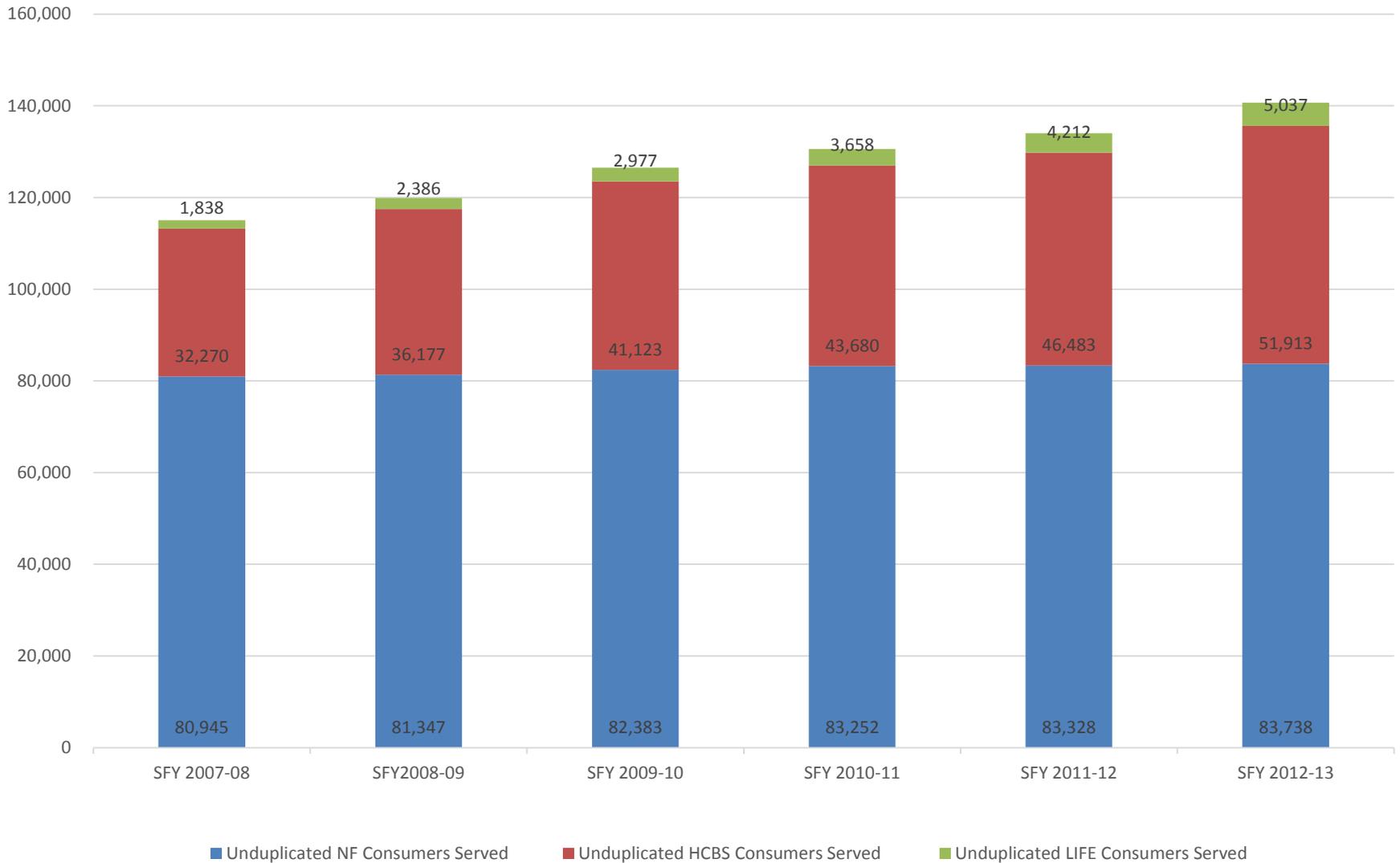
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OLTL LTCSS Data 2007 - 2011

- Waiver users by age group

- Users by program type

- Total expenditures by program type

- Monthly spend comparison by age group

- Average cost by user by program type

- Consumer and average spend comparison

- Service comparisons per 1000 users

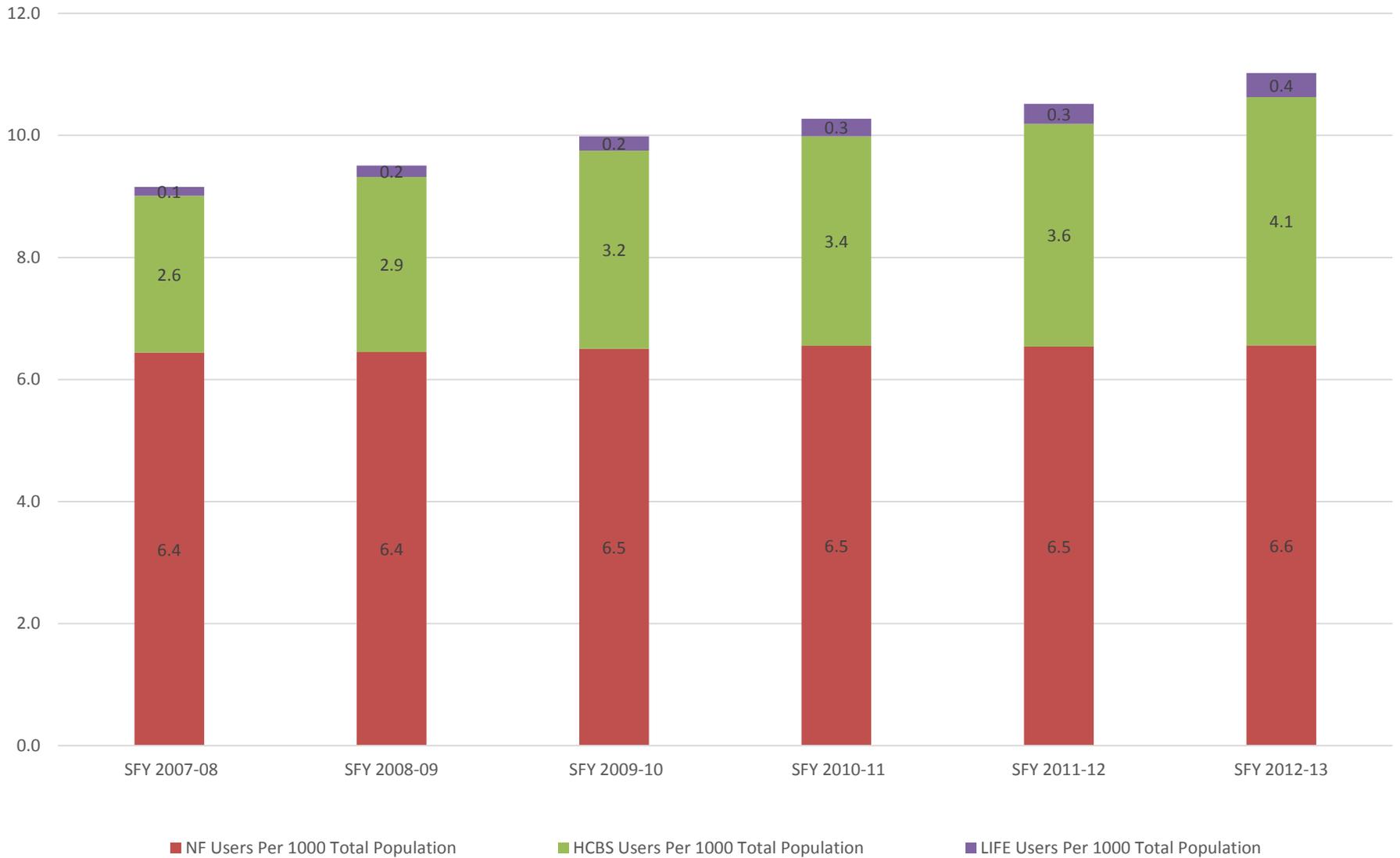Waiver Users SFY 2007/2008 to 2012/2013 By Age Group
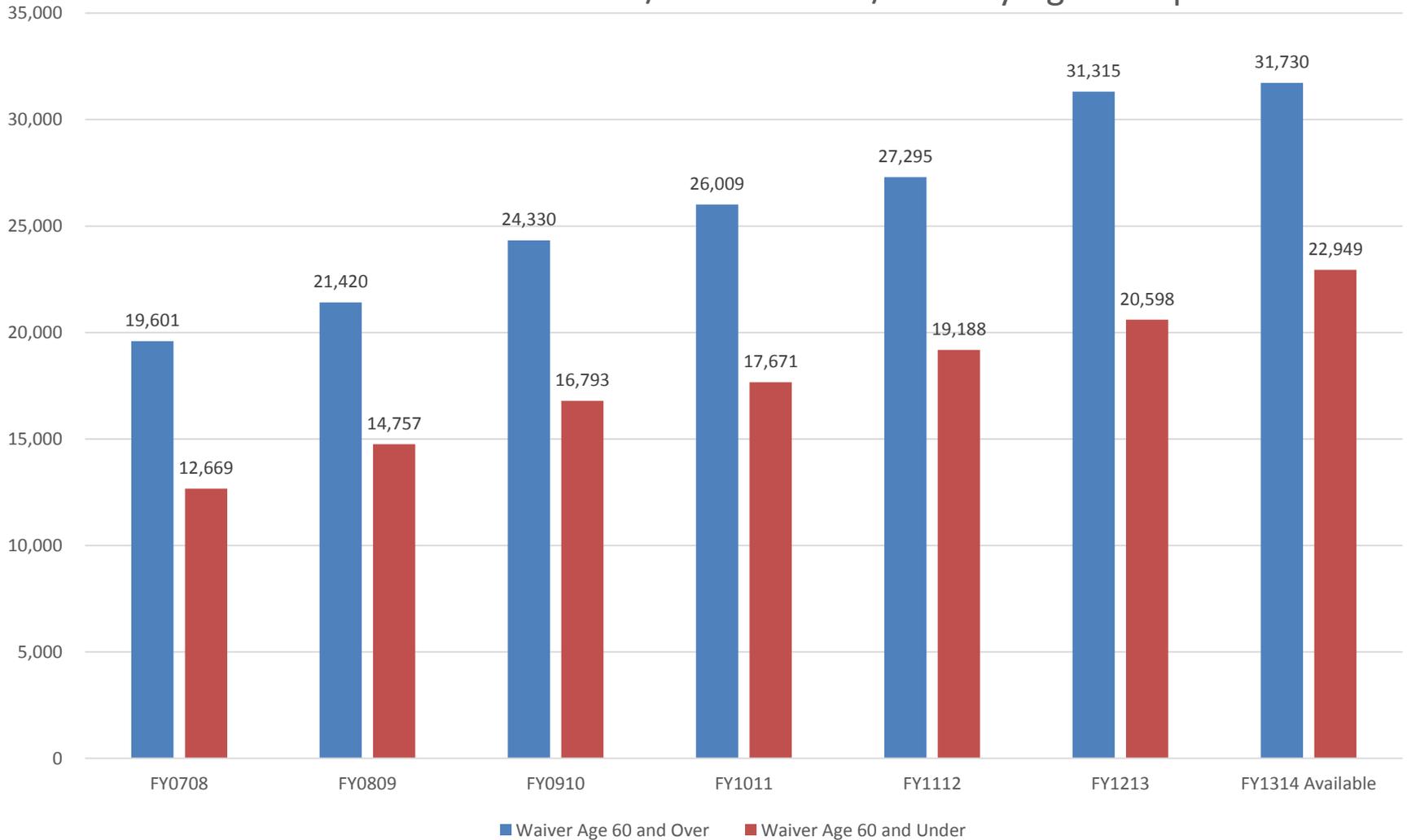
Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments

	FY0708	FY0809	FY0910	FY1011	FY1112	FY1213	FY1314 Available
Waiver Age 60 and Over	19,601	21,420	24,330	26,009	27,295	31,315	31,730
Waiver Age 60 and Under	12,669	14,757	16,793	17,671	19,188	20,598	22,949

SFY 2007/2008 to 2012/2013 LTCSS Users by Program Type

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments

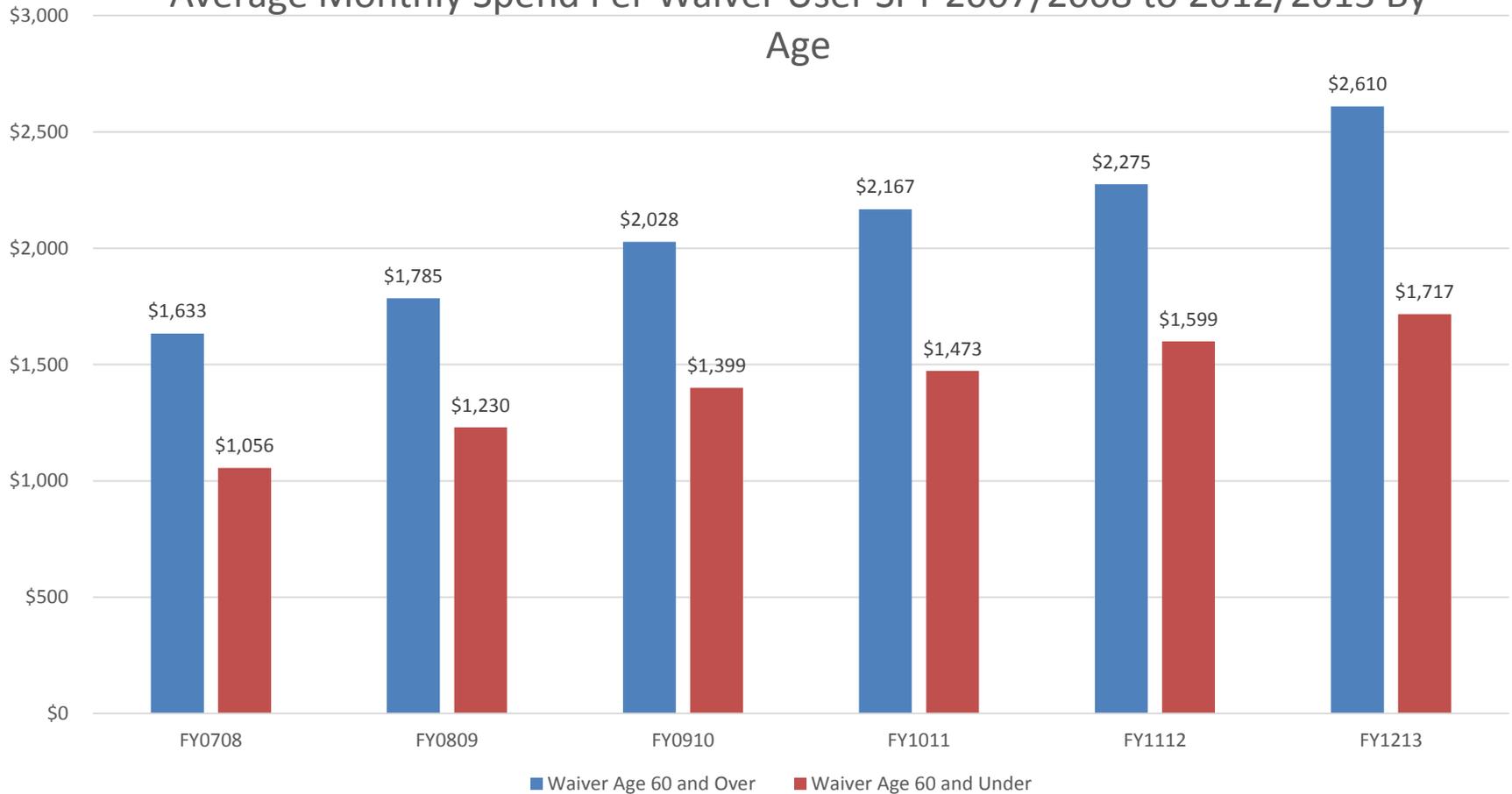|	SFY 2007-08	SFY2008-09	SFY 2009-10	SFY 2010-11	SFY 2011-12	SFY 2012-13
Unduplicated LIFE Consumers Served	1,838	2,386	2,977	3,658	4,212	5,037
Unduplicated HCBS Consumers Served	32,270	36,177	41,123	43,680	46,483	51,913
Unduplicated NF Consumers Served	80,945	81,347	82,383	83,252	83,328	83,738

■ Unduplicated NF Consumers Served   ■ Unduplicated HCBS Consumers Served   ■ Unduplicated LIFE Consumers Served

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SFY 2007/2008 to 2012/2013 LTCSS Users Per 1000

	SFY 2007-08	SFY 2008-09	SFY 2009-10	SFY 2010-11	SFY 2011-12	SFY 2012-13
LIFE Users Per 1000 Total Population	0.1	0.2	0.2	0.3	0.3	0.4
HCBS Users Per 1000 Total Population	2.6	2.9	3.2	3.4	3.6	4.1
NF Users Per 1000 Total Population	6.4	6.4	6.5	6.5	6.5	6.6

Legend:
- ■ NF Users Per 1000 Total Population
- ■ HCBS Users Per 1000 Total Population
- ■ LIFE Users Per 1000 Total Population

Source: U.S. Census Bureau, Population Division

Total LTCSS Expenditures SFY 2007/2008 to 2012/2013 By Program Type

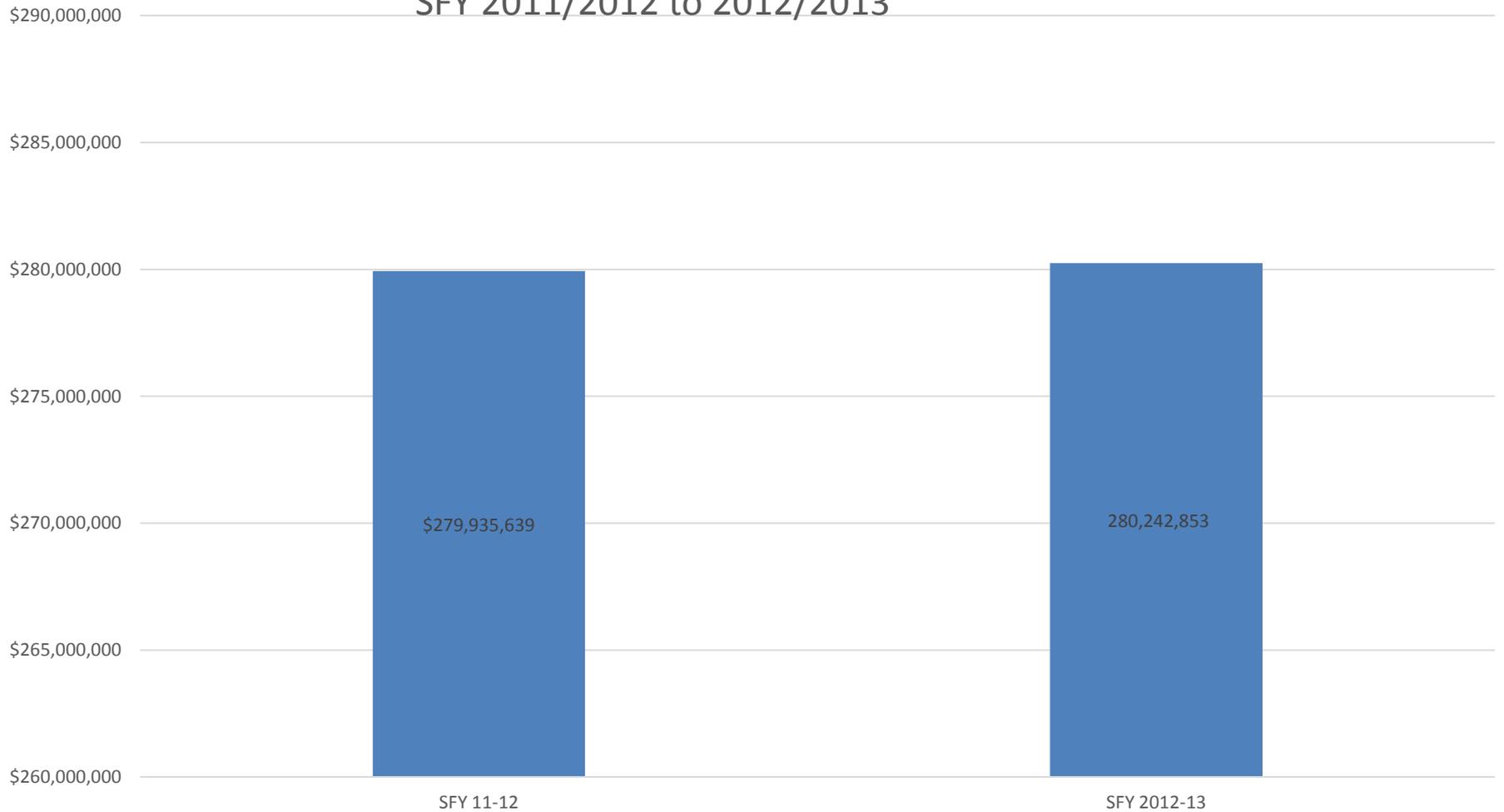|	SFY 2007-08	SFY2008-09	SFY 2009-10	SFY 2010-11	SFY 2011-12	SFY 2012-13
Total LIFE	$65,133,181	$84,857,213	$105,854,465	$133,370,357	$146,697,786	$164,128,081
Total HCBS	$631,645,298	$725,361,834	$832,445,458	$940,813,726	$1,025,989,918	$1,170,909,833
Total NF	$3,443,123,987	$3,543,845,904	$3,491,727,252	$3,643,962,313	$3,623,437,447	$3,639,989,884

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments

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Average Monthly Spend Per Waiver User SFY 2007/2008 to 2012/2013 By Age

	FY0708	FY0809	FY0910	FY1011	FY1112	FY1213
Waiver Age 60 and Over	$1,633	$1,785	$2,028	$2,167	$2,275	$2,610
Waiver Age 60 and Under	$1,056	$1,230	$1,399	$1,473	$1,599	$1,717

■ Waiver Age 60 and Over ■ Waiver Age 60 and Under

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments

The Average Monthly cost per unduplicated users is calculated as the total expenditures for the fiscal year divided by the total unduplicated users for the year. Since the users are unduplicated at a fiscal year level, the average may not be representative of 12 months of expenditures per user.

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SFY 2007/2008 to 2012/2013 LTCSS Average Fiscal Year Spend Per User by Program Type
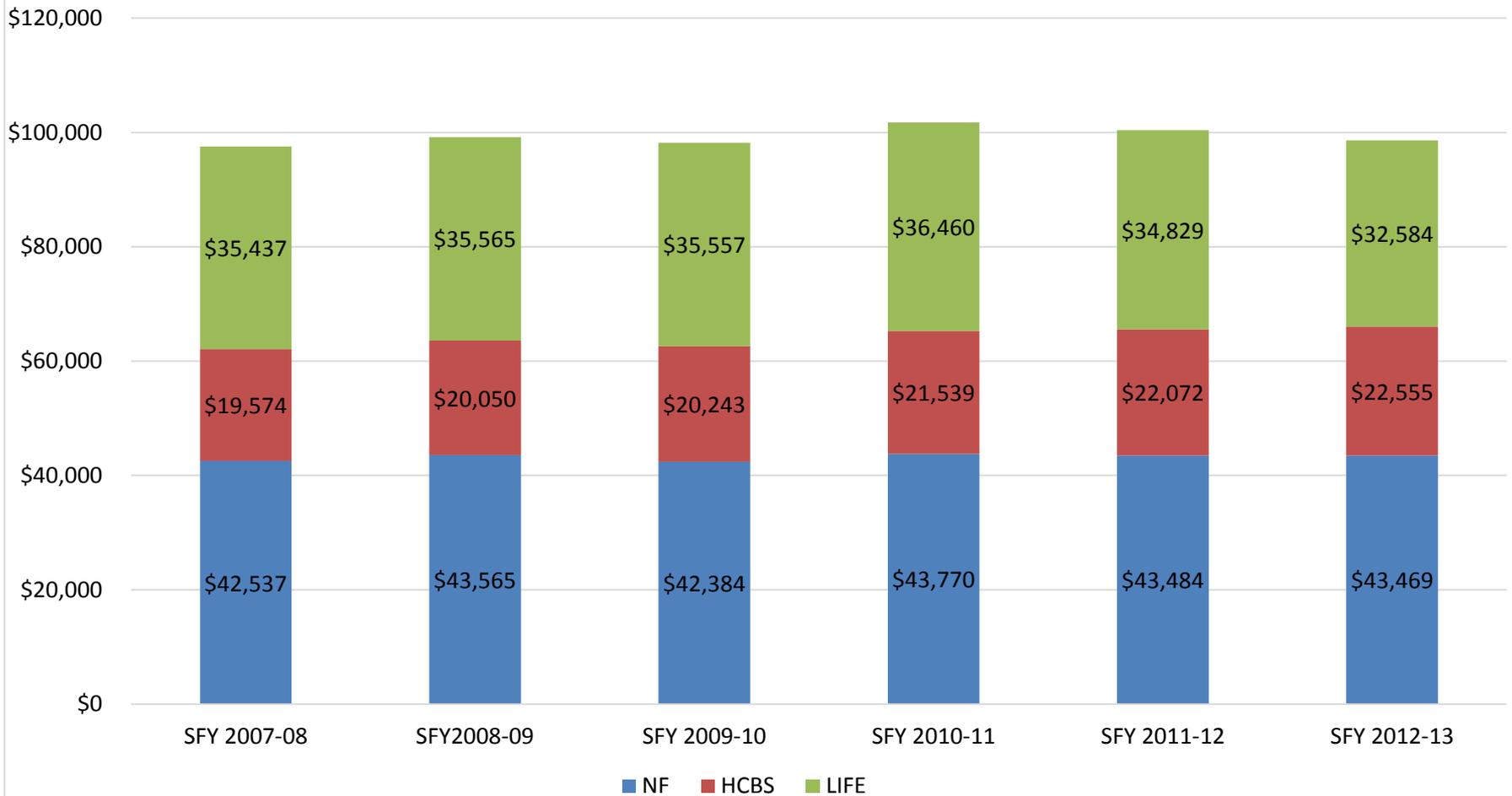
	SFY 2007-08	SFY2008-09	SFY 2009-10	SFY 2010-11	SFY 2011-12	SFY 2012-13
LIFE	$35,437	$35,565	$35,557	$36,460	$34,829	$32,584
HCBS	$19,574	$20,050	$20,243	$21,539	$22,072	$22,555
NF	$42,537	$43,565	$42,384	$43,770	$43,484	$43,469

■ NF   ■ HCBS   ■ LIFE

Source: PROMISe Data Warehouse; Date of Extraction: 6/01/2014; Information includes both paid Claims and Supplemental Payments

The Average Monthly cost per unduplicated users is calculated as the total expenditures for the fiscal year divided by the total unduplicated users for the year. Since the users are unduplicated at a fiscal year level, the average may not be representative of 12 months of expenditures per user.

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Department of Aging Utilization Data 2011 - 2013

- Total state funds spend

- Assessments per 1000 by referral type

- Assessments per 1000 by service

State Funds Spent on Department of Aging Services SFY 2011/2012 to 2012/2013
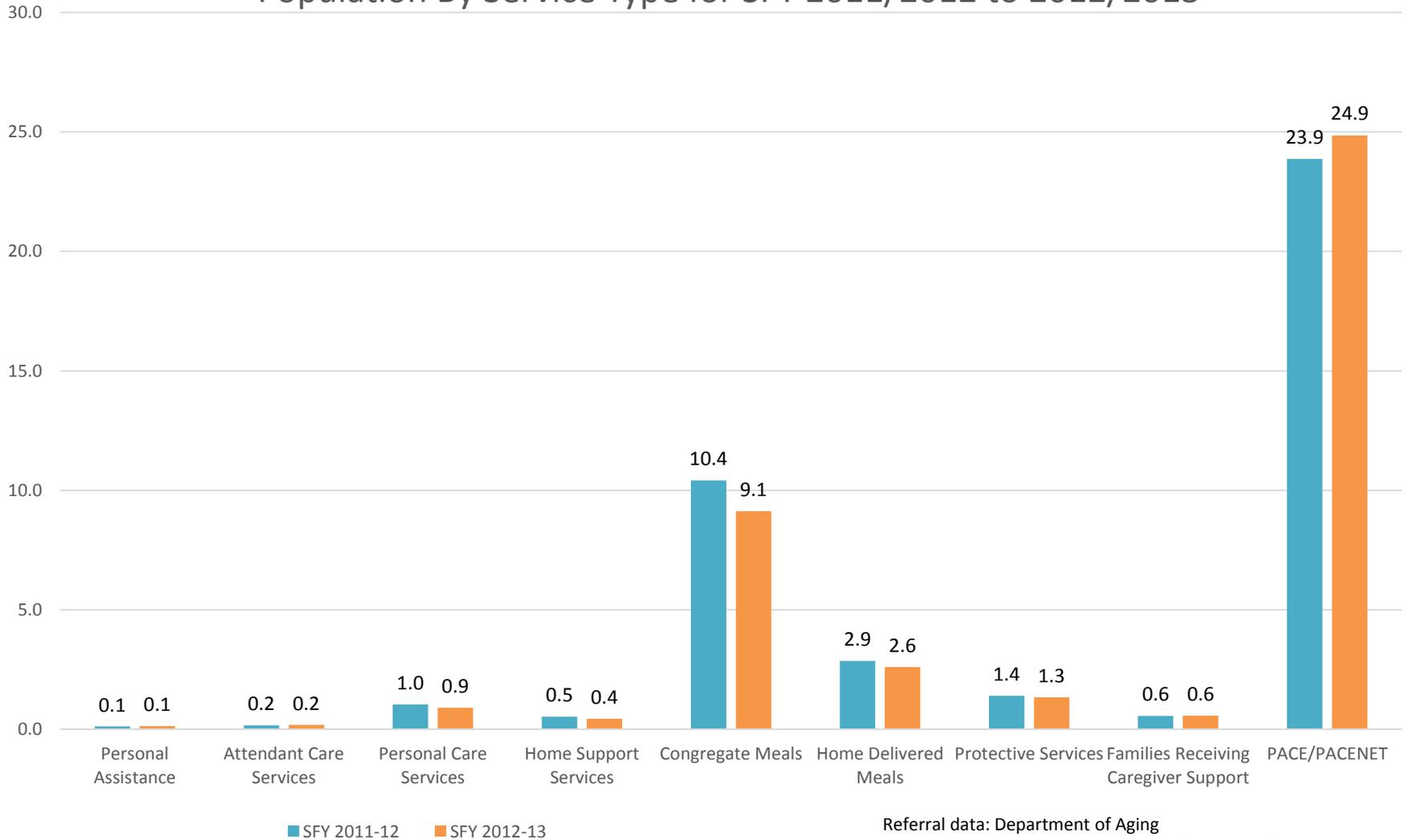
$279,935,639

280,242,853

SFY 11-12

SFY 2012-13

Expenditure data: Department of Aging

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Assessments Per 1000 Total PA Population
By Referral Type SFY 2011/2012 to 2012/2013

Referral Type	SFY 2011-12	SFY 2012-13
Referrals to Nurisng Homes	3.1	3.2
Referrals for Community Services	3.6	3.4
Individuals Not Eligibile or Choosing Not to Pursue	1.6	2.0
Total Assessment/Recertifications	8.3	8.7
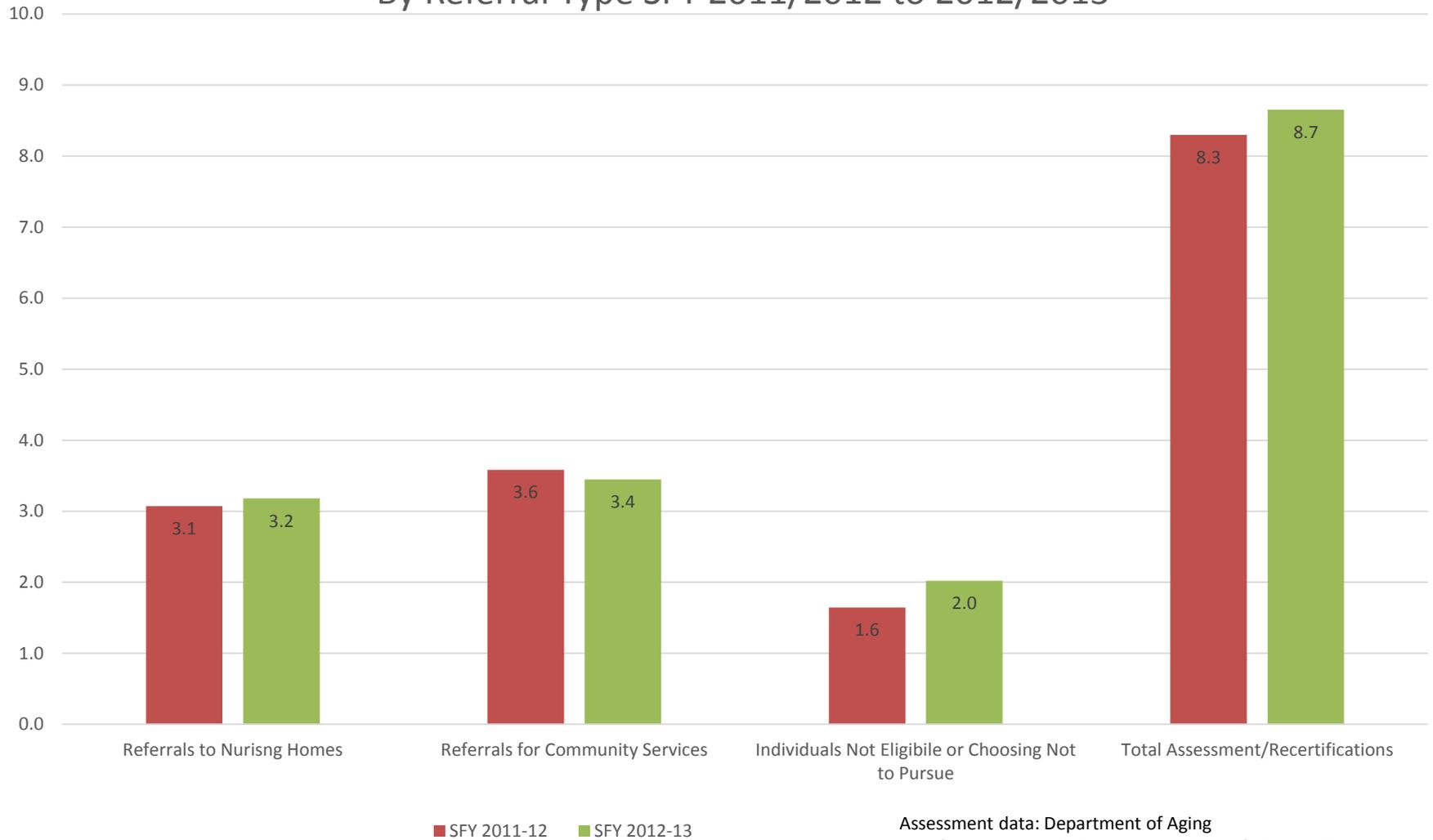
Assessment data: Department of Aging
Population Data: U.S. Census Bureau, Population Division

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Individuals Receiving Assistance In Aging Programs Per 1000 Total PA Population By Service Type for SFY 2011/2012 to 2012/2013

Service Type	SFY 2011-12	SFY 2012-13
Personal Assistance	0.1	0.1
Attendant Care Services	0.2	0.2
Personal Care Services	1.0	0.9
Home Support Services	0.5	0.4
Congregate Meals	10.4	9.1
Home Delivered Meals	2.9	2.6
Protective Services	1.4	1.3
Families Receiving Caregiver Support	0.6	0.6
PACE/PACENET	23.9	24.9

Referral data: Department of Aging
Population Data: U.S. Census Bureau, Population Division

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Department of Aging Data on Activities of Daily Living (ADL) Comparisons between 7/1/11 and 6/30/13

- Need for assistance with indoor walking
- Need for assistance with bathing
- Need for assistance with dressing
- Need for assistance with grooming
- Need for assistance with eating
- Need for assistance with transfer
- Need for assistance with toileting
- Percent diagnosis of dementia
- Frequency and duration of need for supervision

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ADL Responses

- Initial Level of Care Assessments (LOCA) were completed for 6,795 individuals between 7/1/2011 and 6/30/12.

- A recertification LOCA was completed for these same 6,795 individuals the next year.

- The following slides compare the results.

Definition of Response Scores

- 0 – Didn't answer
- 1 – Independent
- 2 - Uses Assistive Device, Takes a Long Time, or Does with Great Difficulty
- 3 - Does with Supervision, Setup, Cueing or Coaxing
- 4 - Does with Hands On Help
- 5 - Does with Maximum Help or Does Not Do At All. Helper Does More Than Half

Need for Assistance with Indoor Walking

Source: Department of Aging

Initial Percent   Recertification Percent

Need for Assistance with Bathing

Source: Department of Aging

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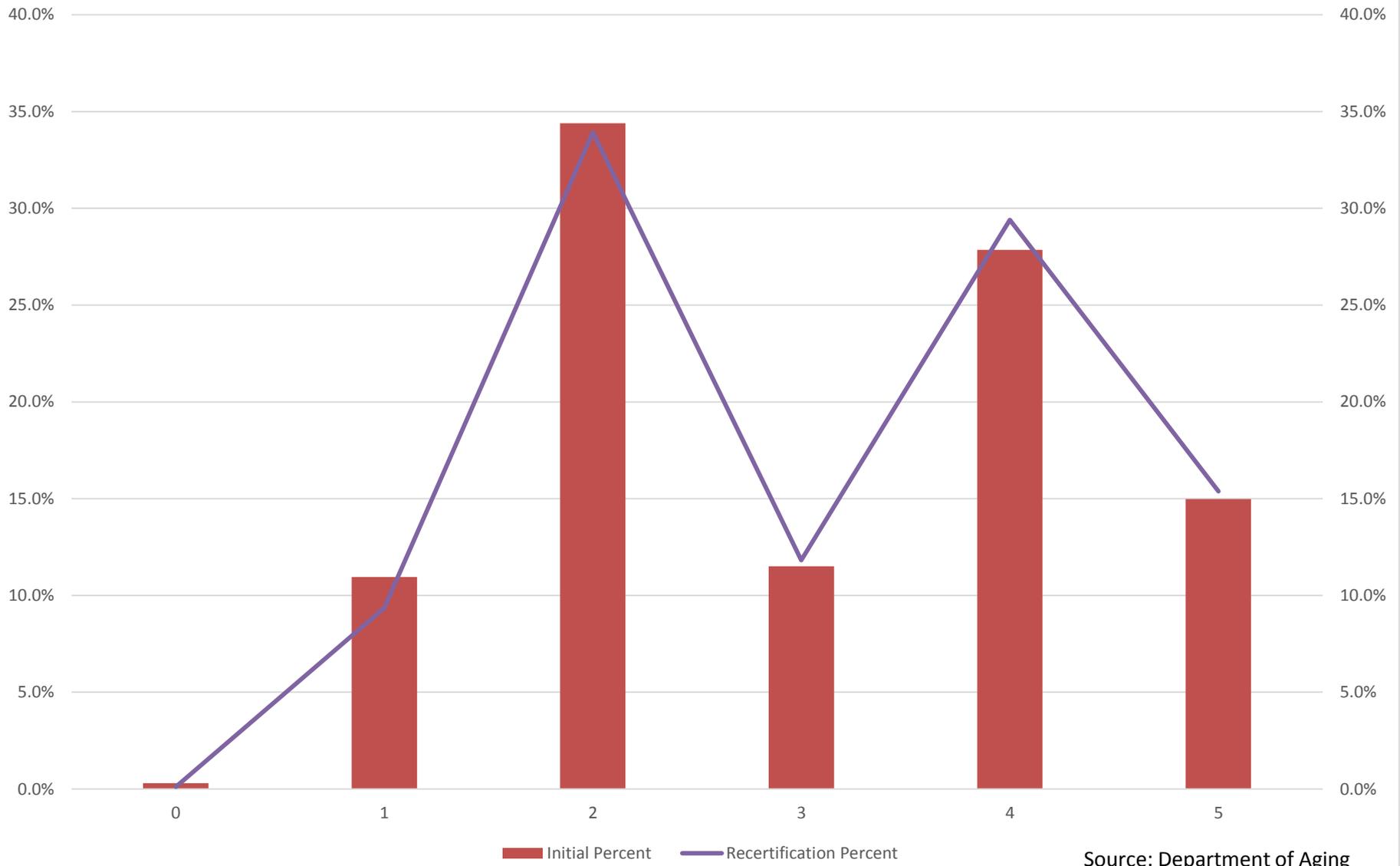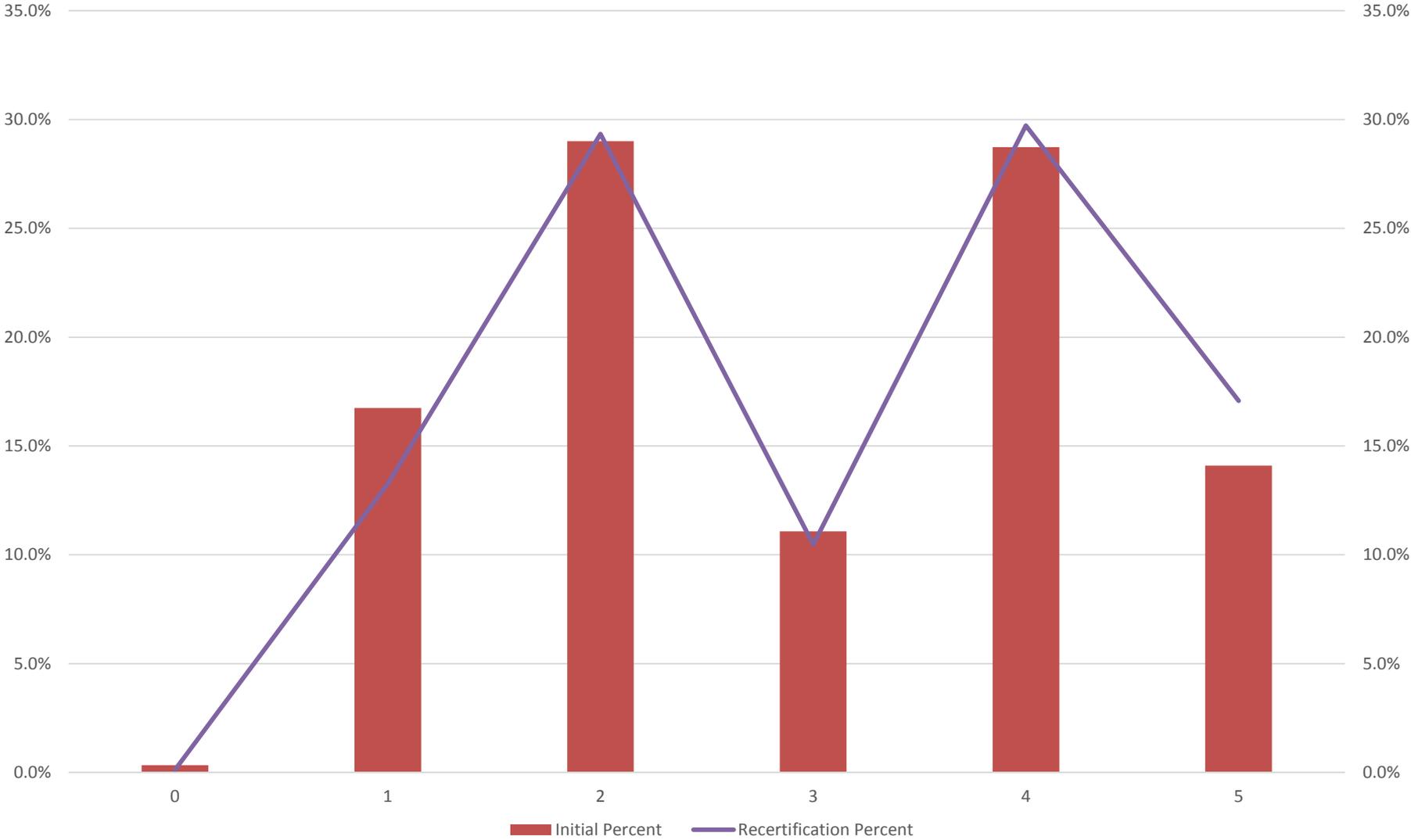realize the opportunity.

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Need for Assistance with Dressing

Source: Department of Aging

Need Assistance with Grooming
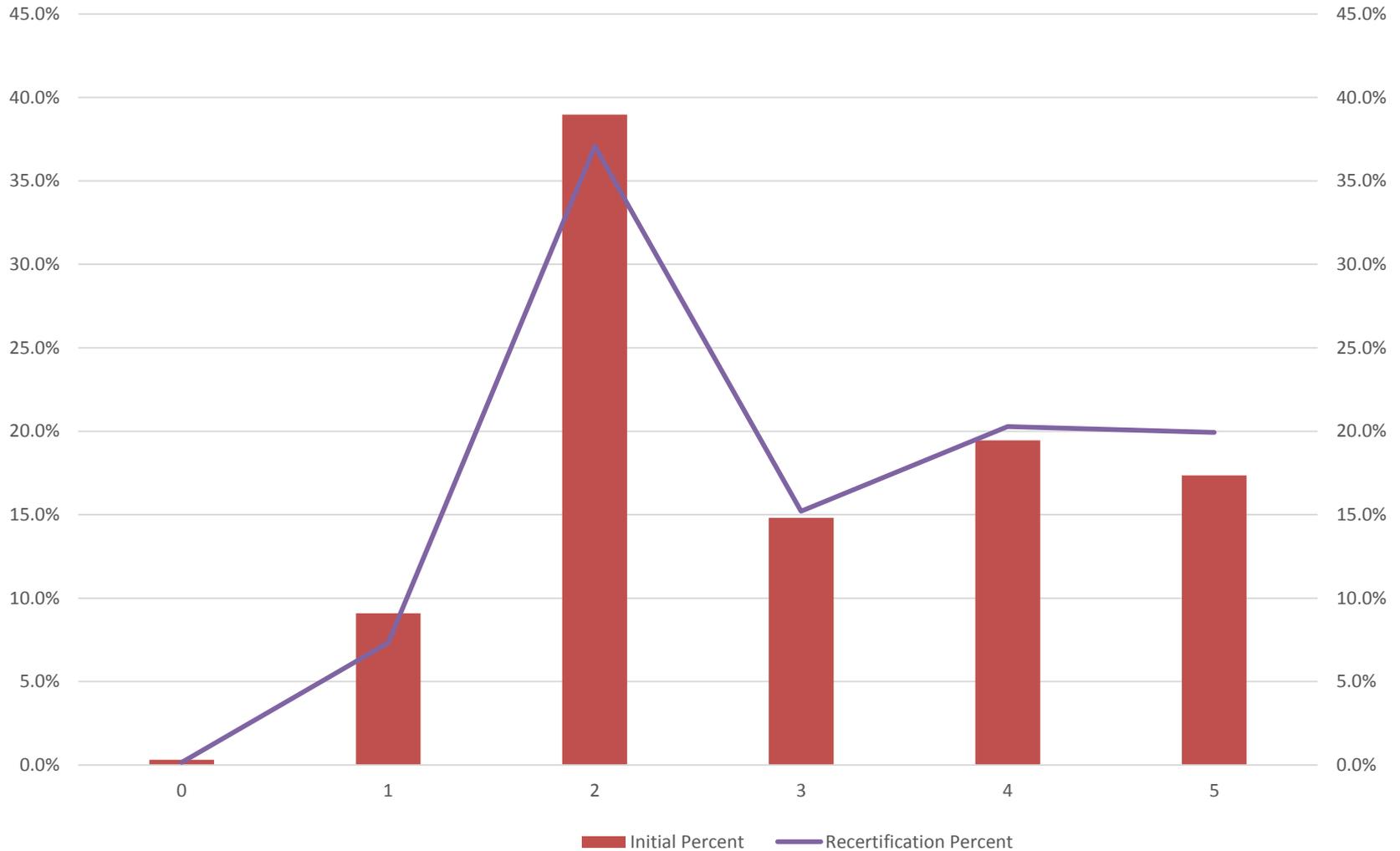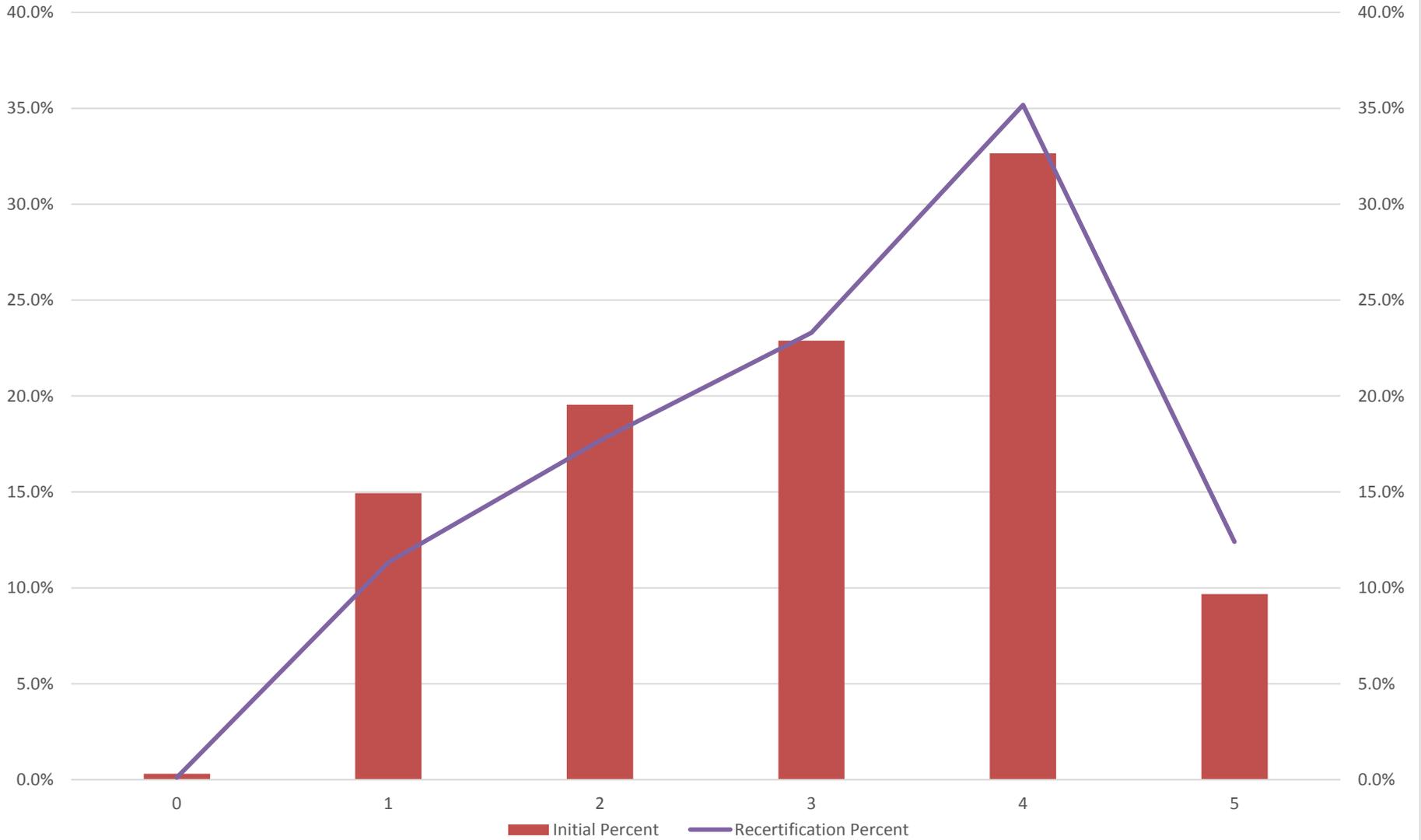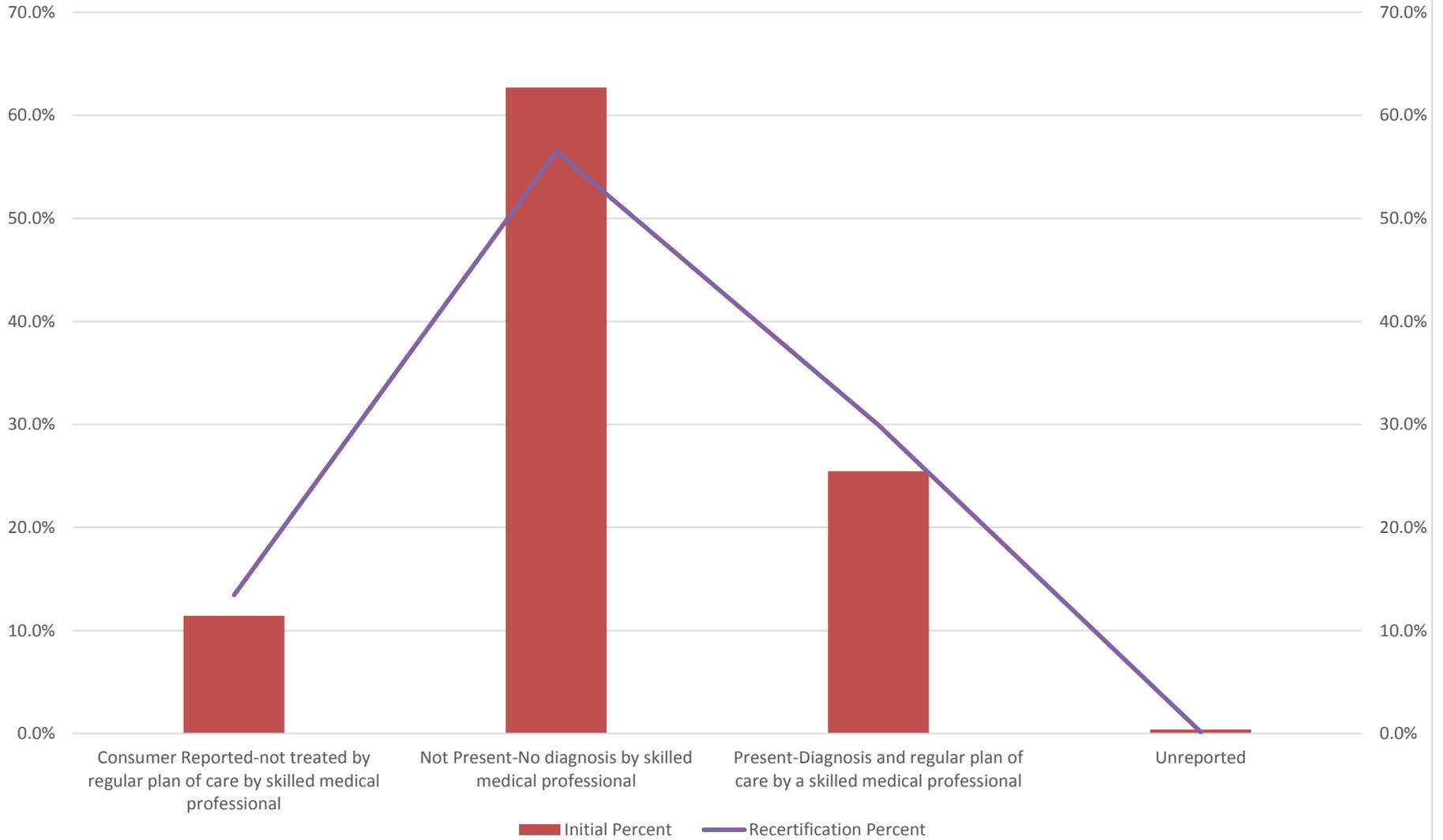
Source: Department of Aging

Need for Assistance with Eating

Source: Department of Aging

Initial Percent   Recertification Percent

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Need for Assistance with Transfer

Source: Department of Aging

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Need for Assistance with Toileting

Source: Department of Aging

Percent Diagnosis of Dementia

Legend: Initial Percent (bars), Recertification Percent (line)

X-axis categories: Consumer Reported-not treated by regular plan of care by skilled medical professional; Not Present-No diagnosis by skilled medical professional; Present-Diagnosis and regular plan of care by a skilled medical professional; Unreported

Expenditure data: Department of Aging

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Frequency and Duration of Need for Supervision
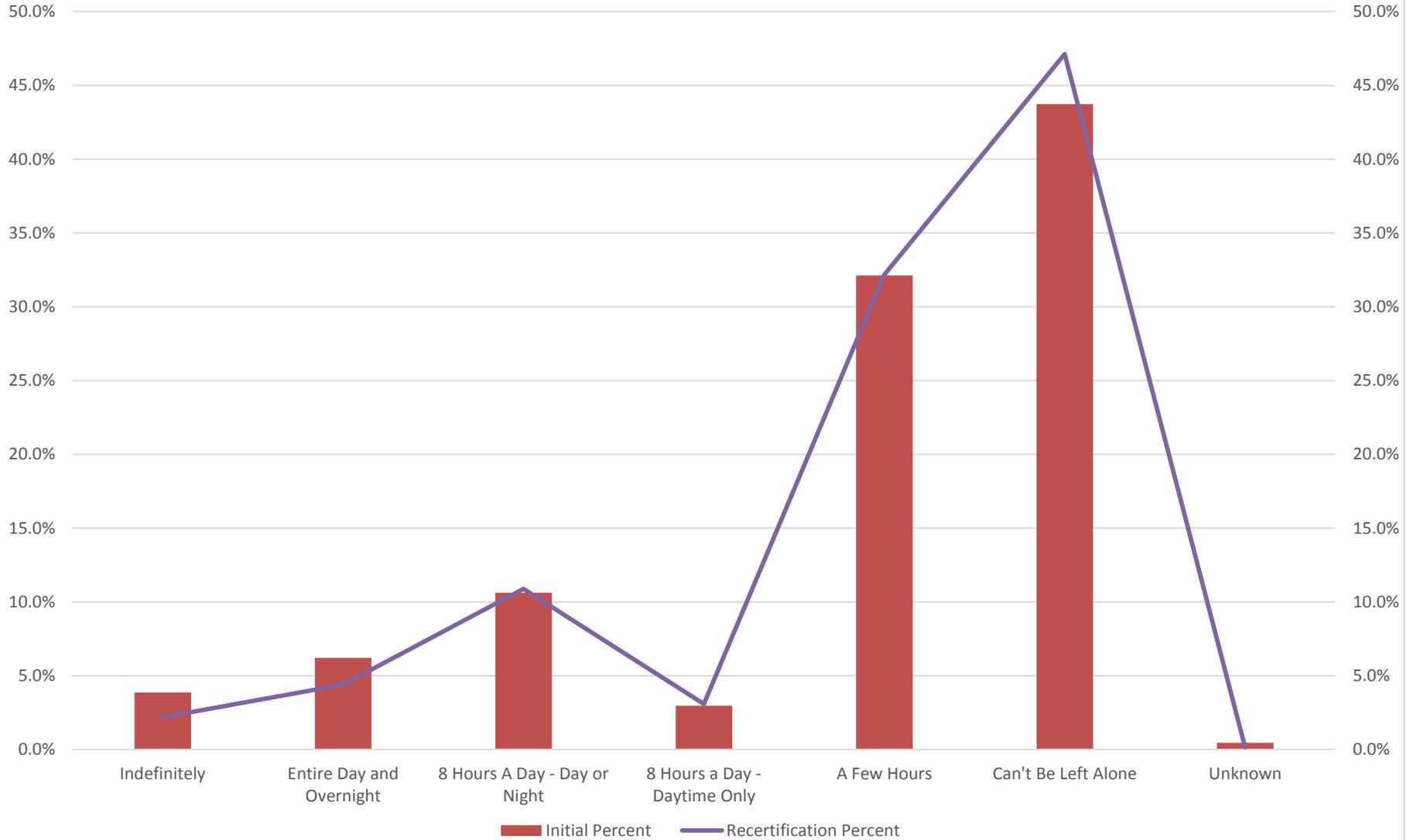
Source: Department of Aging

Questions?