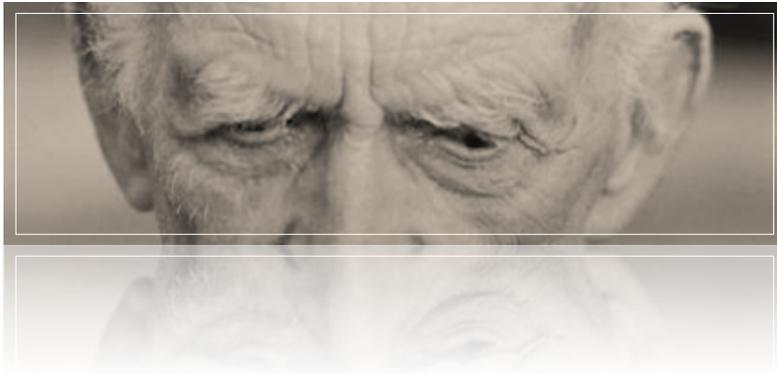


# Long Term Services and Supports in Washington State: Population Forecasts and Client Characteristics

*Presented to the Joint Legislative and Executive  
Committee on Aging and Disability*

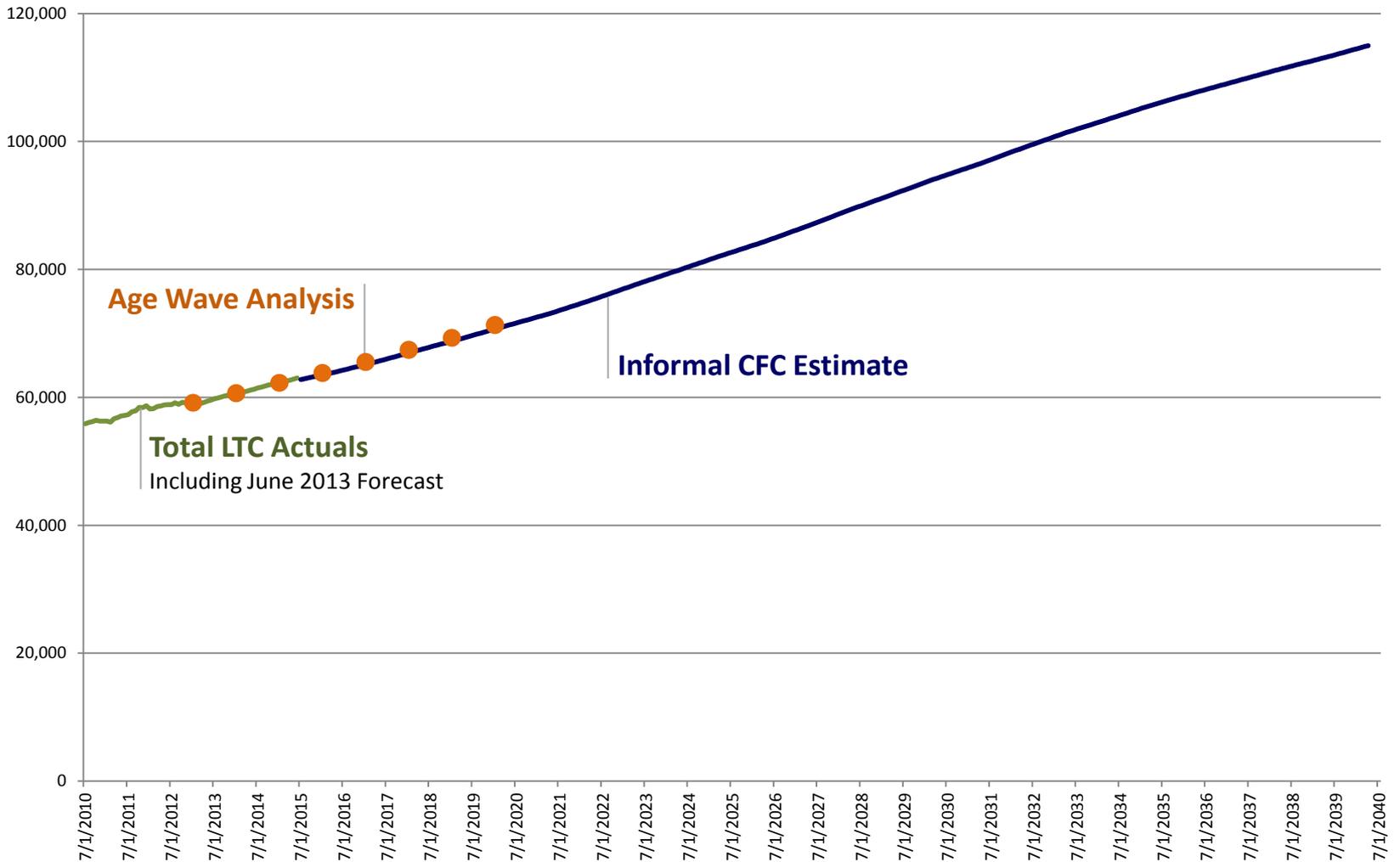


**David Mancuso, PhD**  
**Research and Data Analysis Division**  
**Washington State Department of Social and Health Services**  
**SEPTEMBER 25, 2013**



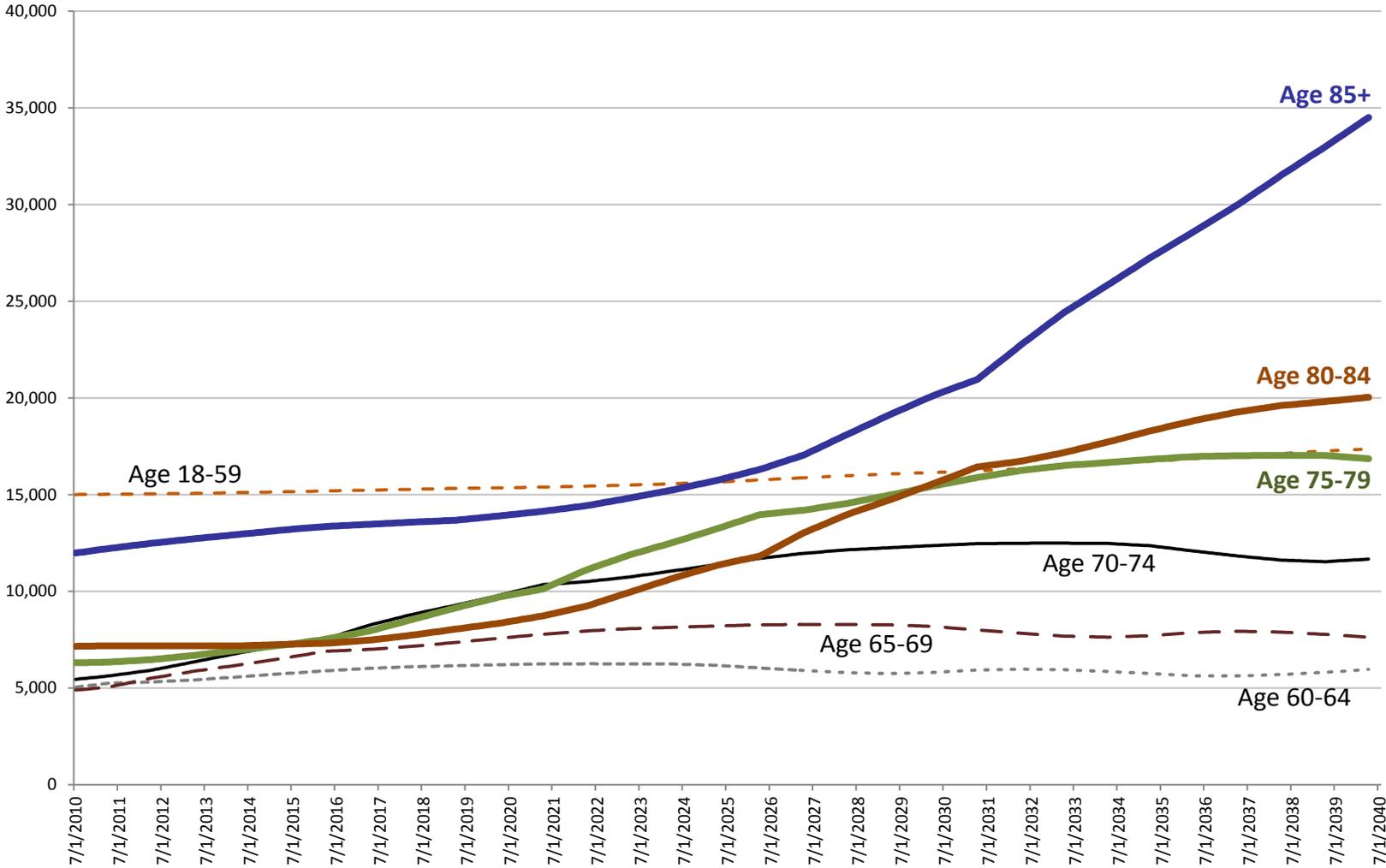
# ALTA LTSS service population forecast to increase 91% by 2040

Forecast of monthly combined in-home personal care, community residential and nursing facility caseloads



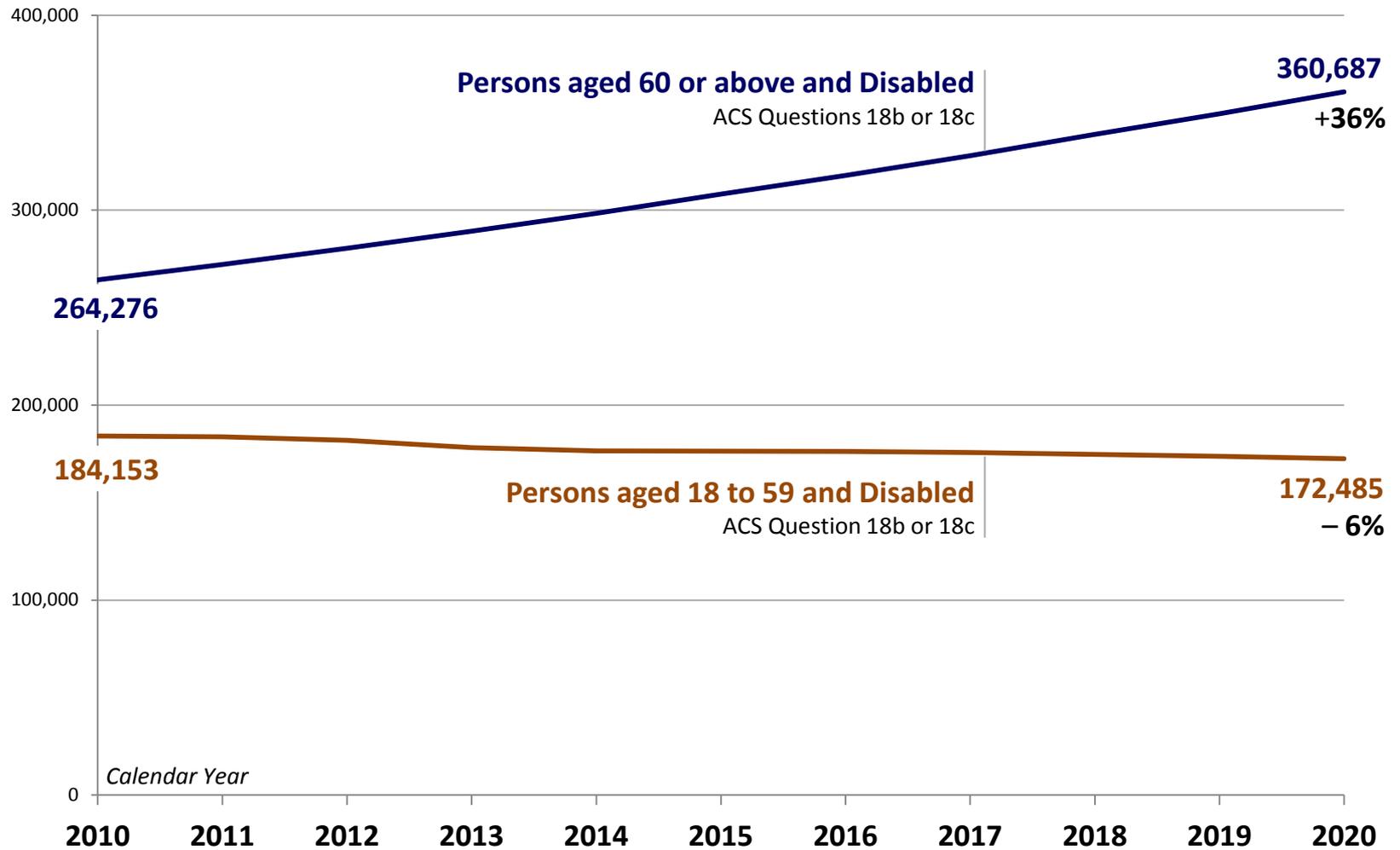
# ALTA LTSS service population forecast by age . . .

Forecast of monthly combined in-home personal care, community residential and nursing facility caseloads



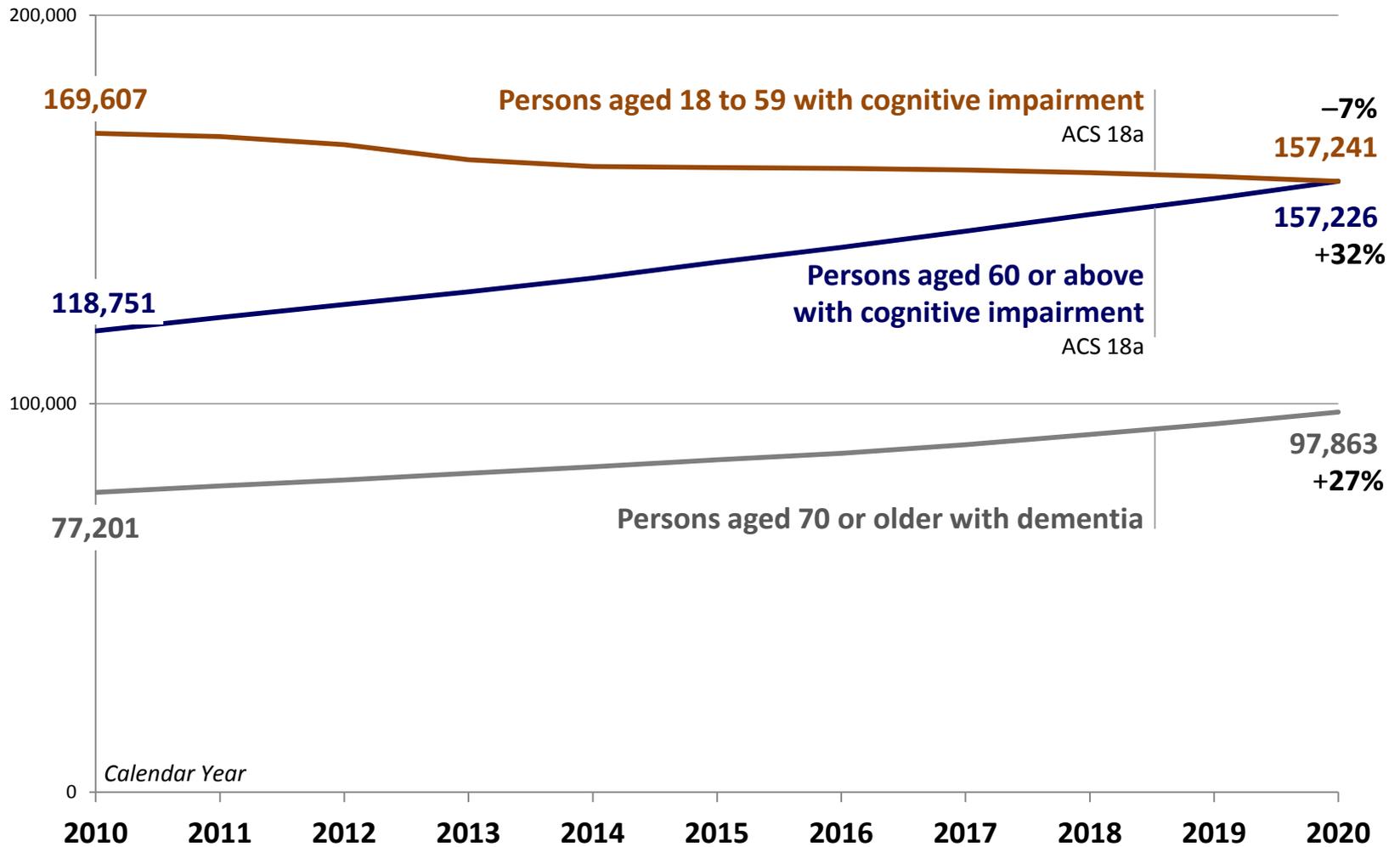
# More elders will need support for physical disabilities

Source: "Age Wave" Analysis



# More elders will need support for cognitive impairments

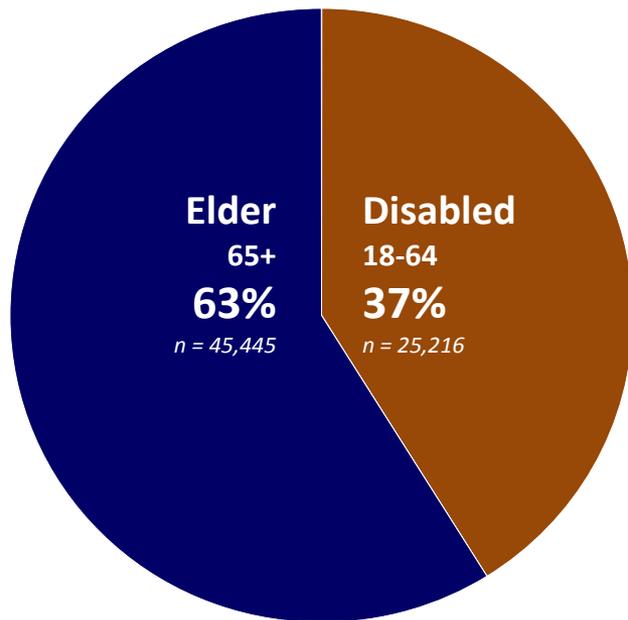
Source: "Age Wave" Analysis



# Washington State ALTA LTSS Recipients

## Client Distribution by Type of Medicaid Coverage

SFY 2011 TOTAL = 70,661



## Demographics

SFY 2011

AGE As of June 2011	Elder		Disabled	
	TOTAL	PERCENT	TOTAL	PERCENT
Less than 18	0	0.0%	14	0.0%
18 – 24 years	0	0.0%	607	2.4%
25 – 34 years	0	0.0%	1,506	6.0%
35 – 44 years	0	0.0%	2,850	11.3%
45 – 54 years	0	0.0%	7,420	29.4%
55 – 64 years	0	0.0%	12,814	50.8%
65 – 74 years	12,673	27.9%	0	0.0%
75 – 84 years	16,265	35.8%	0	0.0%
85 and older	16,507	36.3%	0	0.0%
<b>GENDER</b>				
Male	12,907	28.4%	10,373	41.1%
Female	32,538	71.6%	14,838	58.9%
<b>RACE   ETHNICITY</b>				
Asian	6,474	14.2%	1,876	7.4%
African American	1,997	4.4%	2,744	10.9%
Hispanic	2,512	5.5%	1,635	6.5%
American Indian	1,255	2.8%	1,950	7.7%
Other	4,176	9.2%	2,992	11.9%
White	37,243	82.0%	21,352	84.7%

NOTES: The disabled category includes a small proportion of clients who are not enrolled in disability-related Medicaid coverage. The small proportion of disabled clients who were age 65 or above as of June 2011 are represented in the 55-64 age group.



# Pharmacy Risk Factor Profiles

Persons receiving LTSS services in SFY 2011

THERAPY CLASS	SUMMARY DRUG DESCRIPTIONS	Elders	Disabled
		Percent	Percent
Cardiac	Ace inhibitors, beta blockers, nitrates	77.3%	62.1%
Depression/Anxiety	Antidepressants, antianxiety	54.8%	67.4%
Pain	Narcotics	49.6%	65.1%
Hyperlipidemia	Antihyperlipidemics	45.3%	38.3%
Diabetes	Insulin, sulfonylureas	28.8%	30.5%
Asthma/COPD	Inhaled glucocorticoids, bronchodilators	26.7%	35.5%
Seizure disorders	Anticonvulsants	21.0%	40.5%
Psychotic Illness/Bipolar	Antipsychotics, lithium	18.9%	25.4%
Alzheimer's	Tacrine	13.9%	1.8%
Multiple Sclerosis/Paralysis	Baclofen	8.8%	31.3%

SOURCE: RDA Integrated Client Database



# Diagnosis Risk Factor Profile

Persons receiving LTSS services in SFY 2011

THERAPY CLASS	SAMPLE DIAGNOSIS	Elders	Disabled
		Percent	Percent
Cardiovascular, very high	Heart transplant status/complications	1.4%	3.4%
Cardiovascular, medium	Congestive heart failure, cardiomyopathy	31.5%	17.8%
Cardiovascular, low	Endocardial disease, myocardial infarction, angina	28.9%	21.5%
Cardiovascular, extra low	Hypertension	22.3%	24.1%
Diabetes, type 1 high	Type 1 diabetes with renal manifestations/coma	0.4%	1.6%
Diabetes, type 1 medium	Type 1 diabetes without complications	7.1%	9.6%
Diabetes, type 2 medium	Type 2 or unspecified diabetes with complications	10.5%	9.7%
Diabetes, type 2 low	Type 2 or unspecified diabetes without complications	23.2%	19.0%
Psychiatric, high	Schizophrenia	7.6%	12.6%
Psychiatric, medium	Bipolar affective disorder	6.3%	9.7%
Psychiatric, medium low	Major recurrent depression	12.1%	21.0%
Psychiatric, low	Other depression, panic disorder, dementia	25.7%	15.5%
Substance abuse	Alcohol or other drug abuse or dependence	6.3%	26.1%

SOURCE: RDA Integrated Client Database



# Diagnosis Risk Factor Profile

Persons receiving LTSS services in SFY 2011

THERAPY CLASS	SAMPLE DIAGNOSIS	Elders	Disabled
		Percent	Percent
Pulmonary, very high	Cystic fibrosis, lung transplant, tracheostomy status	4.4%	6.2%
Pulmonary, high	Respiratory arrest or failure, primary pulmonary hypertension	1.1%	1.2%
Pulmonary, medium	Other bacterial pneumonias, chronic obstructive asthma	18.7%	18.7%
Pulmonary, low	Viral pneumonias, chronic bronchitis, asthma, COPD	21.4%	21.8%
Renal, very high	Chronic renal failure, kidney transplant status/complications	18.5%	10.5%
Skeletal, medium	Chronic osteomyelitis, aseptic necrosis of bone	13.6%	18.2%
Skeletal, low	Rheumatoid arthritis, osteomyelitis, systemic lupus	22.6%	19.6%
Skeletal, very low	Osteoporosis, musculoskeletal anomalies	8.5%	10.0%
Skin, high	Decubitus ulcer	8.5%	8.9%
Skin, low	Other chronic ulcer of skin	5.0%	6.1%

SOURCE: RDA Integrated Client Database



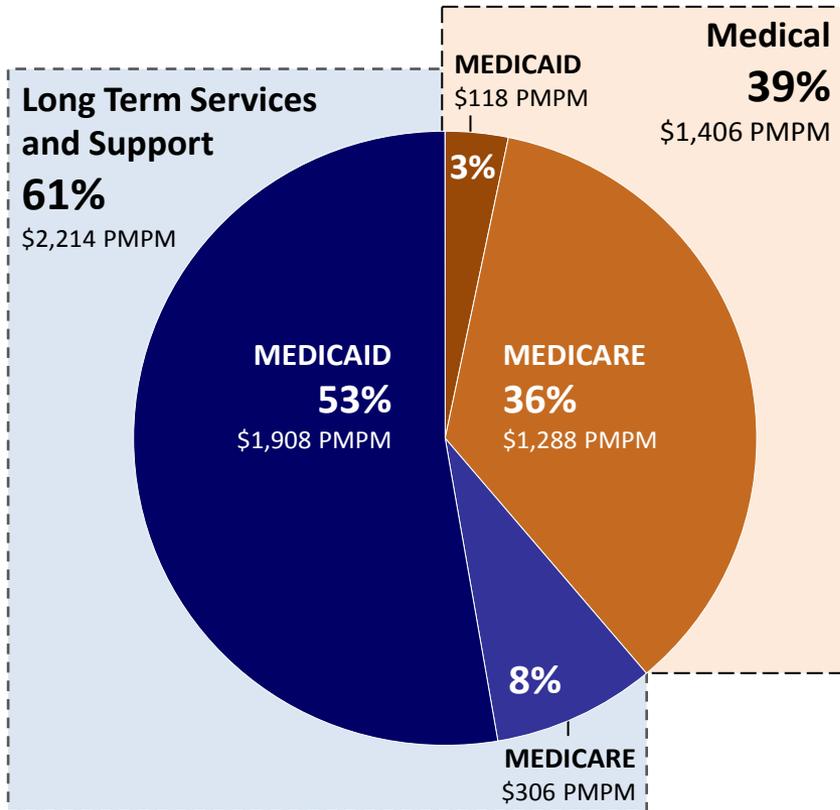
# Medicaid and Medicare Medical and LTSS Expenditures

Persons receiving LTSS services in SFY 2011

## Elders

TOTAL EXPENDITURE PMPM = \$3,621

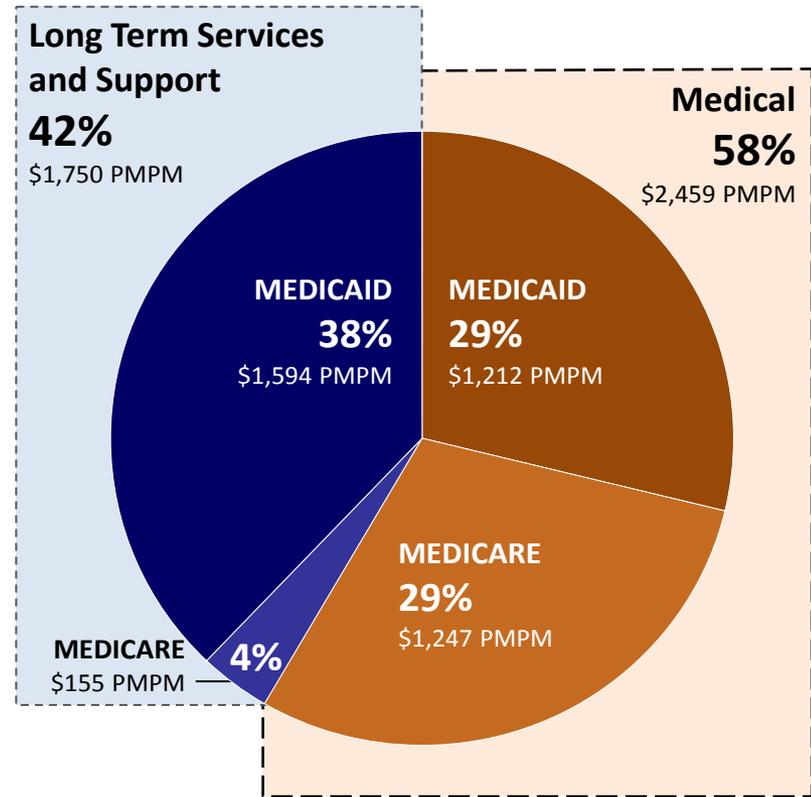
TOTAL = 45,445



## Disabled

TOTAL EXPENDITURE PMPM = \$4,209

TOTAL = 25,216



SOURCE: RDA Integrated Client Database



# Medicaid and Medicare Medical and LTSS Expenditures

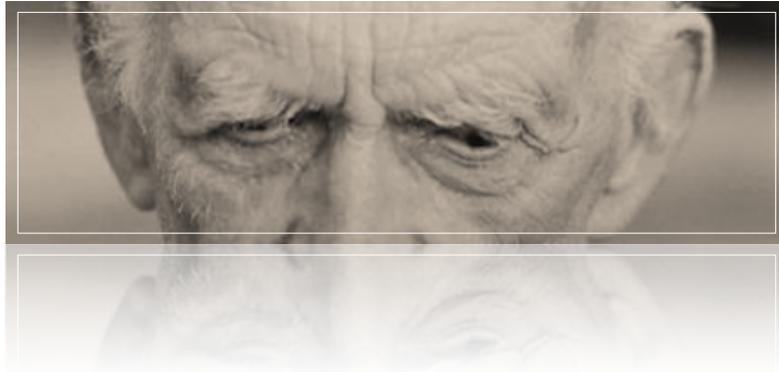
Persons receiving LTSS services in SFY 2011

	Total Costs		PMPM Costs	
	ELDER	DISABLED	ELDER	DISABLED
<b>TOTAL MEDICAL COST</b>	<b>\$662,191,722</b>	<b>\$679,467,386</b>	<b>\$1,406</b>	<b>\$2,459</b>
Medicaid	\$55,632,344	\$334,794,120	\$118	\$1,212
Medicare ( <i>Part D imputed</i> )	\$606,559,378	\$344,673,266	\$1,288	\$1,247
<b>TOTAL LONG TERM SUPPORTS AND SERVICES*</b>	<b>\$1,042,598,804</b>	<b>\$483,543,257</b>	<b>\$2,214</b>	<b>\$1,750</b>
In-home	\$353,939,994	\$273,847,290	\$752	\$991
Adult Family Home	\$71,099,096	\$34,299,985	\$151	\$124
Adult Residential Center	\$21,974,530	\$7,978,917	\$47	\$29
Assisted Living	\$47,399,756	\$10,702,249	\$101	\$39
Nursing Home – Medicaid	\$404,106,317	\$113,772,598	\$858	\$412
Nursing Home – Medicare	\$144,079,111	\$42,942,218	\$306	\$155
<b>GRAND TOTAL (Medical + LTSS)</b>	<b>\$1,704,790,526</b>	<b>\$1,163,010,643</b>	<b>\$3,621</b>	<b>\$4,209</b>

\*Medicaid + Medicare

SOURCE: RDA Integrated Client Database





# Questions?

