



The Hilltop Institute

analysis to advance the health of vulnerable populations

Medicaid Long-Term Services and Supports in Maryland:

FY 2009 to FY 2012
Volume 2

The Autism Waiver
A Chart Book

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Chapter 1. Maryland Medicaid Long-Term Services and Supports Overview

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The Maryland Long-Term Services and Supports Chart Book, Volume 2, The Autism Waiver, is the second chart book in a series of two that explores service utilization and expenditures for Medicaid-funded long-term services and supports in Maryland. Volume 1 in this series explores service utilization and expenditures for Maryland Medicaid's Living at Home Waiver, Older Adults Waiver, and Medical Day Care Waiver, as well as Maryland State Plan personal care services and Medicaid nursing facility utilization and expenditures.

This chart book provides information about Maryland Medicaid participants who received services through the Autism Waiver in state fiscal years (FYs) 2009 through 2012. The Autism Waiver, which became effective July 1, 2001, provides community-based services to individuals from the age of 1 year through the end of the school year in which they turn 21 years old. The waiver enables individuals with Autism Spectrum Disorder and who meet an institutional level of care (Intermediate Care Facility for Individuals with Intellectual Disabilities, or ICF-ID) to be supported in their own homes, community-based settings, or school-based settings. The waiver is authorized under Section 1915(c) of the Social Security Act and approved by the federal Centers for Medicare and Medicaid Services. It is operated by the Maryland State Department of Education and overseen by Maryland's Medicaid Program.

Services covered under the waiver include adult life planning, family training, intensive individual support services, respite care, therapeutic integration, resident habilitation, and environment accessibility adaptations. Waiver participants receive full Medicaid benefits and are entitled to receive other services under the Maryland Medicaid State Plan.

In FY 2012, the Autism Waiver served a total of 898 participants, with Medicaid expenditures totaling \$42 million, including both state and federal spending. Due to the high demand for Autism Waiver services and a defined number of available waiver slots (900 in FY 2012), the Autism Waiver is currently not accepting applications. Marylanders wishing to receive Autism Waiver services must place their names on the Autism Waiver Registry of Interested Families and are asked to apply as openings arise and their names approach the top of the list. The number of Autism Waiver slots is projected to increase to 1,000 in FY 2014.

Chapter 1. Maryland Medicaid Long-Term Services and Supports Overview continued

Key Findings

This chart book summarizes demographic, service utilization, and expenditure data for the Autism Waiver for FYs 2009 through 2012. The data are presented through a series of figures that illustrate trends in Autism Waiver utilization with accompanying narrative text.

Notable trends in the data include:

- The Autism Waiver served a total of 898 participants in FY 2012: two less than in FY 2011.
 - The majority (95%) of Autism Waiver participants are aged 11-21. Male participants outnumber females nearly 4 to 1.
 - The average length of stay in the Autism Waiver for FY 2012 was 5 years and 7 months.
 - Total Medicaid expenditures for Autism Waiver participants increased in each FY, reaching \$41.9 million in FY 2012. Seventy-three percent (\$30 million) of these expenditures was for the provision of waiver services.
 - FY 2012 average annual total Medicaid expenditures for Autism Waiver participants were \$46,689—an increase of less than 1% from the previous year.
 - Intensive individual support services accounted for the largest percentage (62%) of FY 2012 Medicaid expenditures for Autism waiver services.
- The most widely used waiver services in FY 2012 were intensive individual support services (856 users), respite care services (767 users), and family training (731 users).
 - At \$4.5 million, Medicaid capitation payments make up the largest FY 2012 non-waiver service expenditure category.

Chapter 1. Maryland Medicaid Long-Term Services and Supports Overview continued

Chart Book Organization

The data in this chart book are presented in two sections.

- **Waiver Participants:** This section includes data on the number of Autism Waiver participants with breakdowns by age, race, gender, county of residence, average length of stay, and reason for leaving the waiver. It also contains data on the number of individuals on the Interest List.
- **Medicaid Expenditures and Service Utilization:** This section provides data on expenditures for waiver, non-waiver, and pharmacy services used by participants in the Autism Waiver program.

Data Sources

The information in this chart book was derived from the following data sources:

- **Maryland Department of Health and Mental Hygiene (DHMH) Medicaid Management Information System (MMIS2):** This system contains data for all individuals enrolled in Maryland Medicaid during the relevant fiscal year, including Medicaid eligibility category and fee-for-service claims. All MMIS2 data are warehoused and processed monthly by The Hilltop Institute.
- **DHMH Decision Support System (DSS):** This system, developed by The Hilltop Institute, informs state decision making by providing comprehensive information on Medicaid eligibility, managed care provider enrollment, and capitation.
- **U.S. Census Bureau:** 2012 Modified Race Data, prepared by the Maryland Department of Planning, Projections and Data Analysis, State Data Center, May 2012.
- **DHMH Long-Term Care and Waiver Services:** This includes Autism Waiver and Autism Waiver interest lists and waiver administrative costs data.

Chapter 2.

Autism Waiver Participants

Chapter 2. Autism Waiver Participants

Autism Waiver Participant Demographics

In FY 2012, 898 individuals were served in the Autism Waiver. This waiver continues to operate at or near its 900-slot capacity (Figure 1).

The Autism Waiver population continues to age as a result of the low turnover rate among its participants. In FY 2012, nearly 95% of participants were 11 years of age or older; 48% were aged 11 to 15, and 47% were aged 16 to 21 (Figure 2). In each of the four reporting periods, male Autism Waiver participants outnumbered females by a ratio of nearly 4 to 1 (Figure 3). In FY 2012, slightly more than half (52%) of Autism Waiver participants were Caucasian (Figure 4).

In FY 2012, Maryland had five Autism Waiver participants per capita (one waiver participant for every 10,000 Marylanders aged 0 to 24 years). Four Maryland counties—Howard, Frederick, Montgomery, and Harford—had 7 or more Autism Waiver participants per capita (Figure 5).

The average length of stay for participants in the Autism Waiver increases each year as a result of the low turnover rate. In FY 2012, the average length of stay was 5 years and 7 months, compared to 5 years and 3 months in FY 2011 (Figure 6).

In FY 2012, 12 Autism Waiver participants disenrolled from the waiver. Of these, four no longer required waiver services and six were no longer eligible—most likely due to aging out of the waiver (Figure 7).

Registry of Interested Families

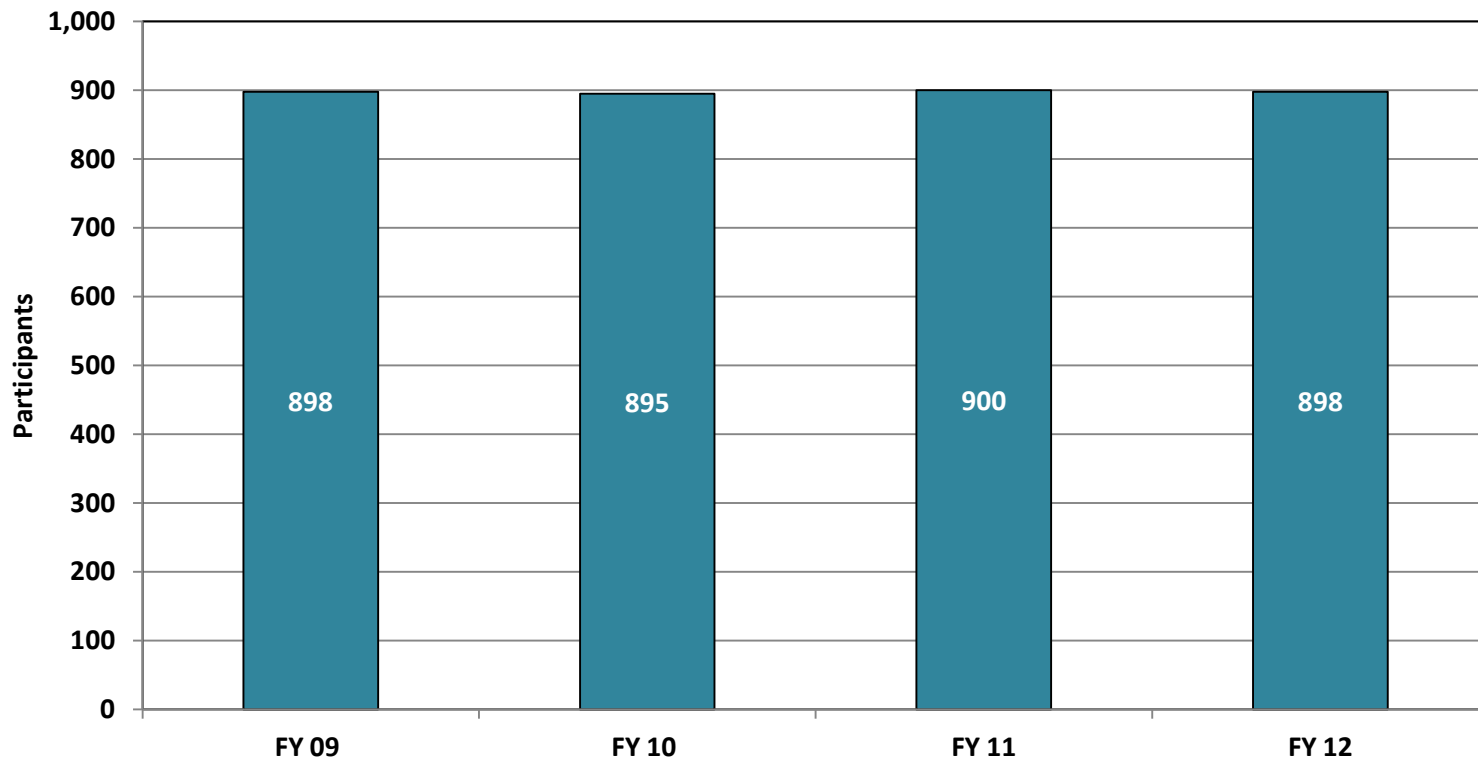
The number of Marylanders on the Autism Waiver Registry of Interested Families increased 34% from 2,962 as of June 2010 to 3,982 as of November 2013 (Figure 8).

Almost half (47%) of the registrants were added to the registry before the age of 5. The number of years the 3,982 registrants were on the registry ranged from less than 1 year to 8 years, with an average stay on the registry of 3.7 years. As of November 2013, the largest percentage (41%) of registrants were 6 to 10 years of age (Figure 9).

Demographically, at 770, Montgomery County had the highest concentration of registrants, followed by Baltimore County with 647 (Figure 10).

On average, Autism Waiver registrants were nearly seven years of age when placed on the registry. As of November 2013, the average age of registrants on the list was 10.5 years of age. In FY 2012, the average age of newly enrolled Autism Waiver participants was nearly 13 years of age (Figure 11).

Figure 1. Unduplicated Number of Autism Waiver Participants, FY 2009 to FY 2012



Source: DSS

Figure 2. Autism Waiver Participants, by Age Group*

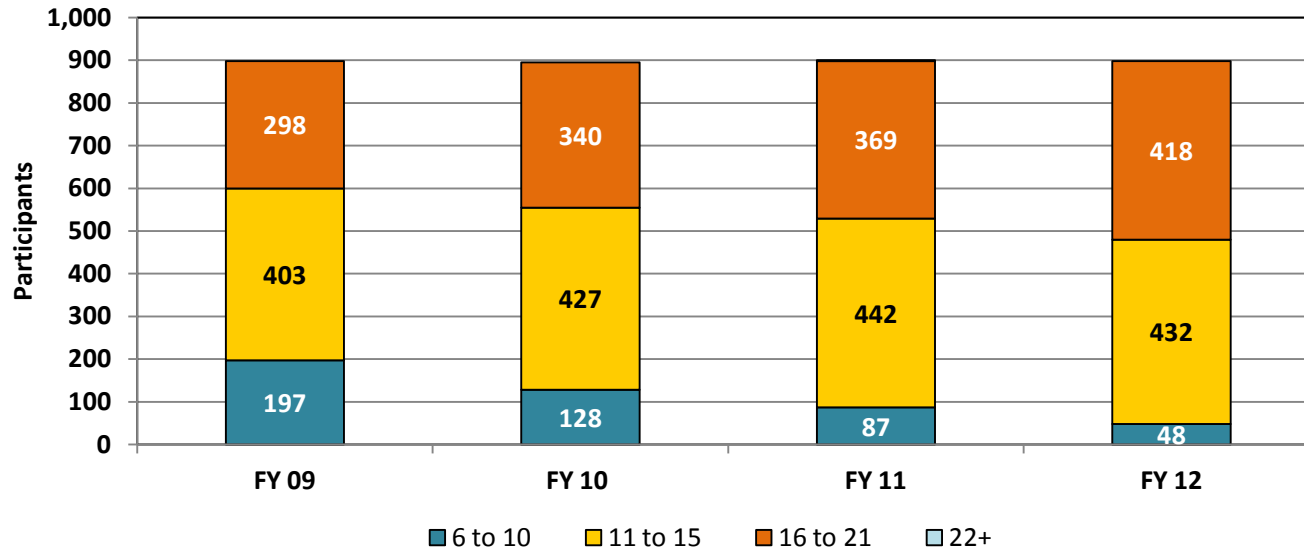


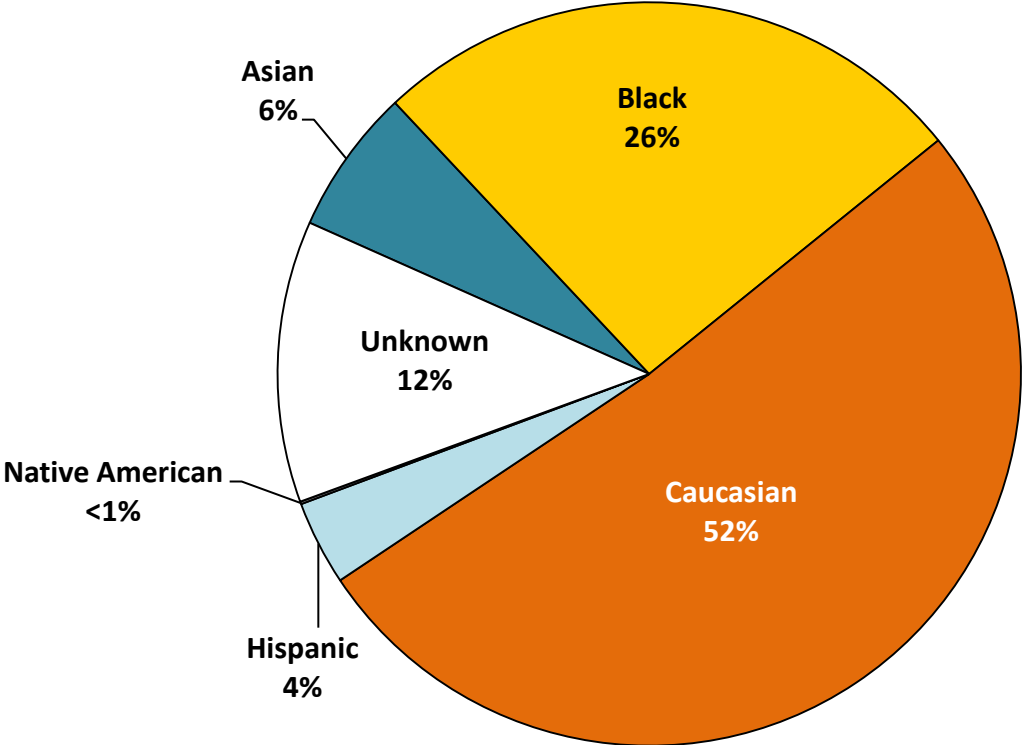
Figure 3. Autism Waiver Participants, by Gender

Gender	FY 09	FY 10	FY 11	FY 12
Female	180	189	190	191
Male	718	706	710	707
Total	898	895	900	898

* There was a small number of FY 2011 waiver participants over the age of 21. This number is not recorded due to HIPAA regulations.

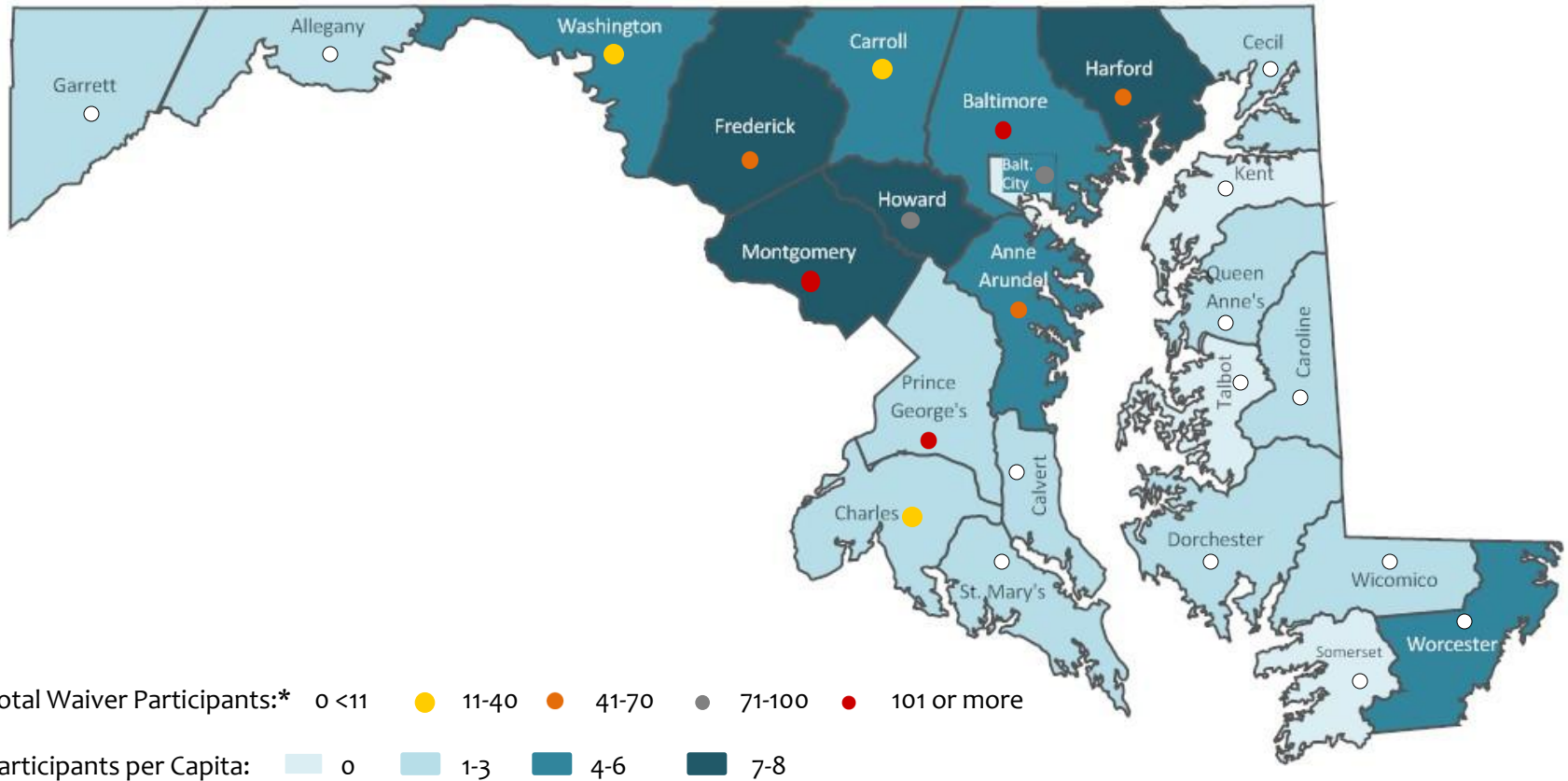
Source: DSS

Figure 4. Autism Waiver Participants, by Race, FY 2012



Source: DSS

Figure 5. Number of Autism Waiver Participants, Per Capita, by County, FY 2012

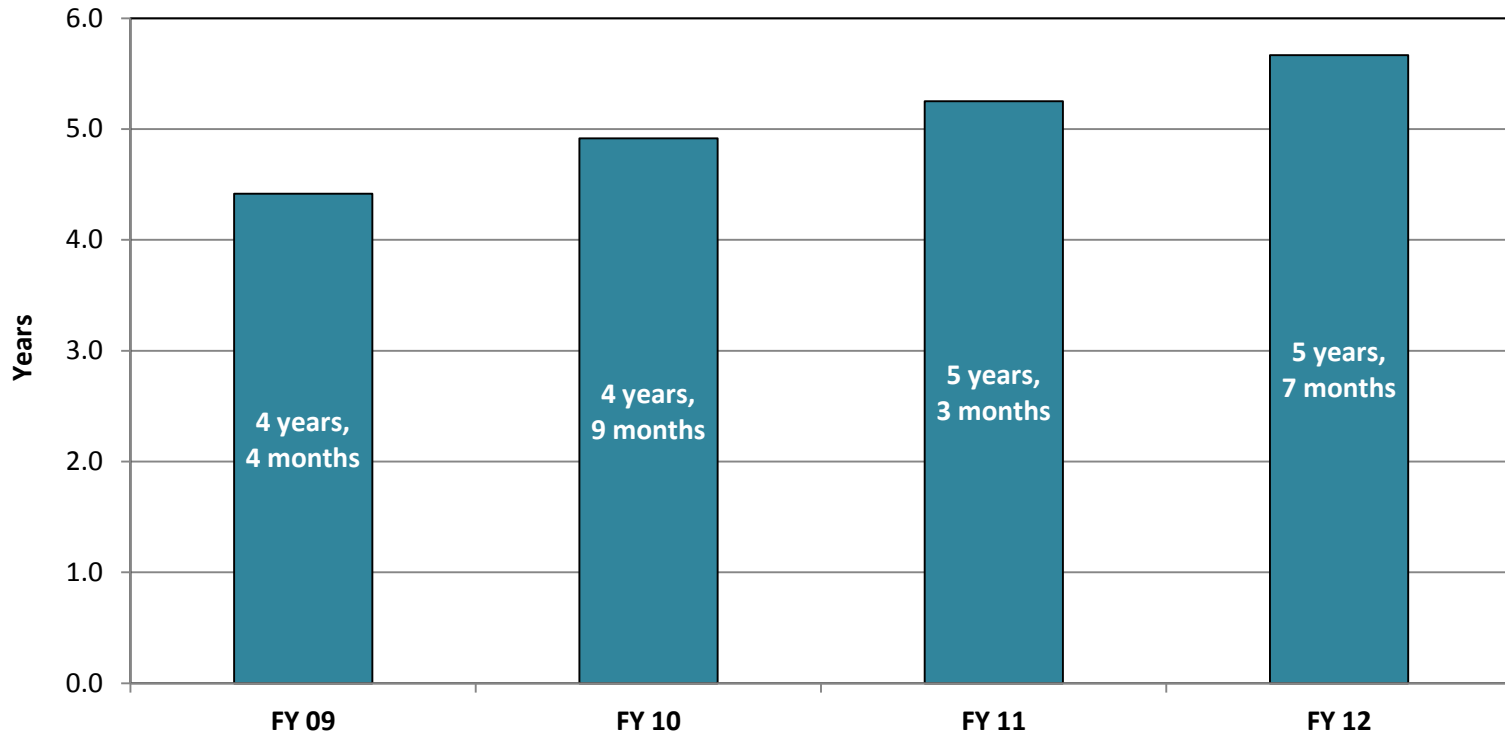


* See Figure 10 for actual number of participants per county.

Note: The U.S. Census Bureau's age categories do not align with the Autism Waiver age criteria that allow participants from the ages of 1 to 22 years. The population per capita calculations, therefore, include persons aged 0 to 24 years.

Sources: DSS, U.S. Census Bureau

Figure 6. Average Length of Stay in the Autism Waiver, in Years, for Current Autism Waiver Participants



Note: Participants enrolled in the Autism Waiver in each fiscal year were identified using each participant's last Medicaid Autism Waiver eligibility span. Individual participant lengths of stay were calculated from the beginning date of the participant's last Autism Waiver eligibility span to the last day of each fiscal year (June 30). The lengths of stay for persons still in the waiver on June 30 in a given year were totaled and averaged to obtain the average length of stay for all participants in the waiver on June 30 of that fiscal year.

Source: MMIS2

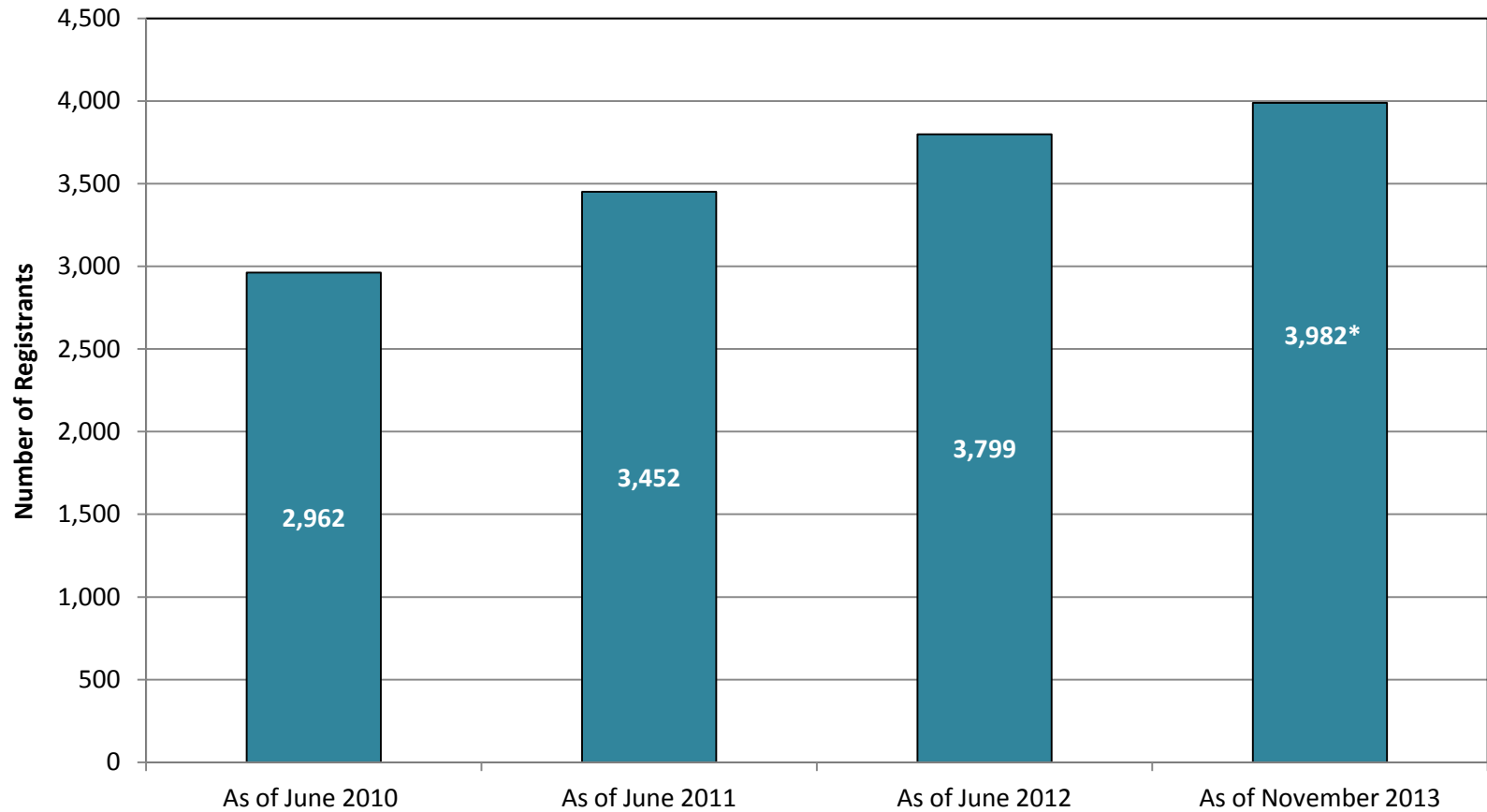
Figure 7. Average Length of Stay for Autism Waiver Disenrollees, by Reason for Leaving, FY 2012

	Client No Long Needs Services	Admitted to LTC Institution	Lost Eligibility	Deceased	Not Medically Eligible	Not Technically Eligible
Number of Discharges	4	1	4	1	1	1
Average Months in Waiver	19	7	11	15	33	107

Note: Autism Waiver participants leaving the waiver in each of the fiscal years were identified by examining participants' Medicaid Autism Waiver eligibility spans, which run from the beginning date of waiver eligibility to the last date of waiver eligibility. For participants with more than one Autism Waiver eligibility span, the last eligibility span was used. Autism Waiver participants whose last eligibility end date occurred during the given year are represented in this chart. Individual lengths of stay were calculated from the beginning date of the participant's last Autism Waiver eligibility span to the last day of each fiscal year (June 30). Each participant was categorized by reason for disenrollment, and the lengths of stay were totaled and averaged to obtain the average length of stay by disenrollment reason.

Source: MMIS2

Figure 8. Number of Persons on the Autism Waiver Registry of Interested Families



* Of the 3,990 individuals on the registry, 8 are currently enrolled in the Autism Waiver and are therefore excluded from this and the following charts.

Source: DSS and DHMH Long-Term Care and Waiver Services

Figure 9. Autism Waiver Registrants Average Number of Years on Registry, by Age Group

				Years on the Registry		
		Number	Percentage	Average	Minimum	Maximum
Age (in years) at Time of Registration	0 to 5	1,880	47%	3.7	<1	8
	6 to 10	1,334	34%	3.8	<1	8
	11 to 15	677	17%	3.8	<1	8
	16 to 21	85	2%	2.2	<1	5
	Total	3,976	100%	3.7	<1	8
Age (in years) as of November 2013	0 to 5	537	14%	1.2	<1	6
	6 to 10	1,627	41%	3.5	<1	8
	11 to 15	1,206	30%	4.5	<1	8
	16 to 21	606	15%	5.0	<1	8
	Total*	3,976	100%	3.7	<1	8

* The ages of six individuals on the registry were unavailable.

Source: DHMH Long-Term Care and Waiver Services

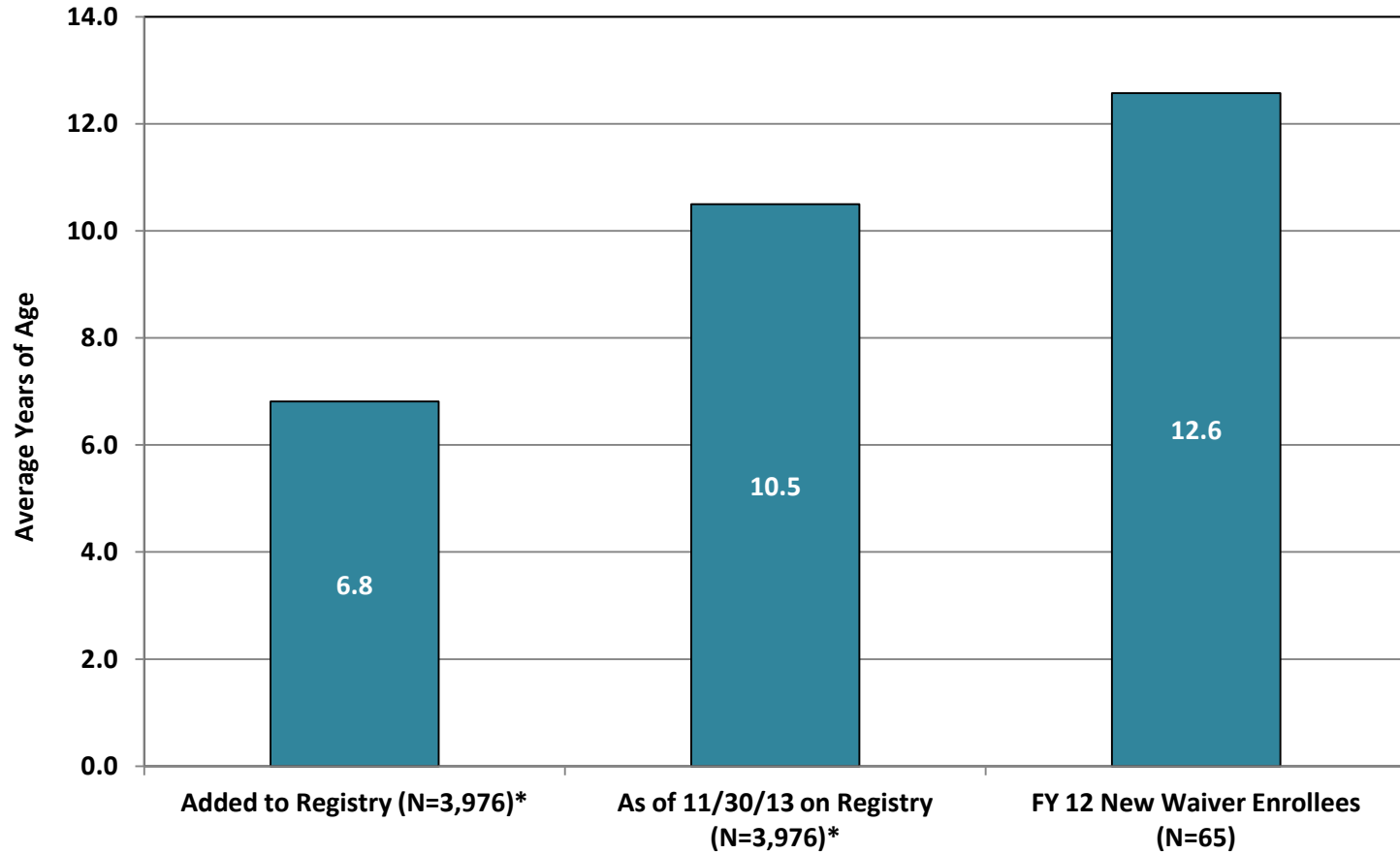
Figure 10. Number of Autism Waiver Participants and Registrants, by County, FY 2012

County	Current Waiver Participants	Number on Registry as of November 2013
Allegany	*	18
Anne Arundel	66	295
Baltimore City	89	370
Baltimore County	137	647
Calvert	0	47
Caroline	*	*
Carroll	23	127
Cecil	*	48
Charles	11	72
Dorchester	*	16
Fredrick	57	245
Garrett	*	*
Harford	60	213
Howard	78	268
Kent	0	*
Montgomery	204	770
Prince George's	102	583
Queen Anne's	*	24
Somerset	0	*
St. Mary's	*	39
Talbot	0	*
Washington	28	88
Wicomico	*	46
Worcester	*	20
Total	898	3,982

* Due to HIPAA requirements, counties with fewer than 11 participants or registrants have been redacted to prevent inadvertent disclosure.

Source: DHMH Long-Term Care and Waiver Services

Figure 11. Average Age of Registrants and FY 2012 New Waiver Enrollees



* The ages of six individual were not available.

Sources: DHMH Long-Term Care and Waiver Services and DSS

Chapter 3. Autism Waiver Medicaid Expenditures and Service Utilization

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Total Medicaid expenditures for Autism Waiver participants increased less than 1%, from \$41.8 million in FY 2011 to \$41.9 million in FY 2012. In each of the four FYs, expenditures for waiver services accounted for slightly more than 70% the total Medicaid expenditures for Autism Waiver participants (Figure 12).

Average annual per person Medicaid expenditures for Autism Waiver participants have remained relatively stable over the four reporting periods, increasing 2% (\$1,122) from \$45,567 in FY 2009 to \$46,689 in FY 2012 (Figure 13).

Distribution of Waiver Services

At 62% (\$19 million), intensive individual support services accounted for the largest percentage of FY 2012 waiver expenditures. Therapeutic integration and intensive residential habilitation services followed, accounting for 13% and 11% (respectively) of waiver expenditures (Figure 14).

Service Utilization

Medicaid expenditures for environmental accessibility adaptation services totaled \$46,065 in FY 2012, a 28% decrease from the previous fiscal year. The number of users for this service decreased 20%, from 66 in FY 2011 to 46 in FY 2012. On average, FY 2012 per person expenditures for this service were \$1,001, with the 16- to 21-year-old age group having the highest per person cost at \$1,207 (Figure 15).

Total Medicaid expenditures for family training services were \$1.3 million in FY 2012, representing a 5% increase from the previous fiscal year. The number of Autism Waiver participants utilizing this service decreased slightly, from 738 in FY 2011 to 731 in FY 2012. The average per person expenditures in FY 2012 were \$1,838, with the 11- to 15-year-old age group having the highest per person cost at \$1,895 (Figure 16).

Intensive individual support services were widely used by Autism Waiver participants, with the number of users increasing in each of the four FYs. In FY 2012, 856 (95%) of the 898 waiver participants utilized this service, at a cost of \$18.9 million and an average annual per person costs of \$22,091 (Figure 17).

The number of Autism Waiver participants receiving intensive residential habilitation services decreased from 31 in FY 2011 to 27 in FY 2012. In FY 2012, expenditures for this service were \$3.4 million, which is an average annual per person cost of \$124,458 (Figure 18).

The number of intensive family leave services users decreased from 10 in FY 2011 to 8 in FY 2012. The total cost of the intensive family leave services was \$38,018—with an average annual per user cost of \$4,752—in FY 2012 (Figure 19).

Chapter 3. Autism Waiver Medicaid Expenditures and Service Utilization continued

In FY 2012, 85% (767) of the Autism Waiver participants received respite care services at a total cost of \$3.0 million. Average annual per person expenditures for respite care services in FY 2012 were \$3,876 (Figure 20).

The number of therapeutic integration services users increased from 406 in FY 2011 to 417 in FY 2012. Medicaid expenditures for this service totaled \$4.0 million—with an annual per person cost of \$9,671—in FY 2012 (Figure 21).

Adult life planning services were added to the Autism Waiver in January 2010 to provide supports to Autism Waiver participants aged 18 to 21 as they transition from the Autism Waiver to the adult service delivery system. Adult life planning services were utilized by 17 participants in FY 2011 at a cost of \$5,636. There were no adult life planning services users in FY 2012 (Figure 22).

Non-Waiver Expenditures

Total Medicaid non-waiver expenditures for Autism Waiver participants increased in each of the reporting years. In FY 2012, non-waiver expenditures totaled \$11.2 million, down slightly from \$11.4 million in FY 2011 (Figure 23).

The most costly FY 2012 non-waiver expenditure category was Medicare capitation payments: fixed monthly amounts paid to managed care organizations (MCOs) to provide services to Medicaid beneficiaries who are enrolled in the Maryland HealthChoice program. Expenditures for this service have ranged from a low of \$4.4 million in FY 2010 to a high of \$4.7 million in FY 2011 (Figure 23).

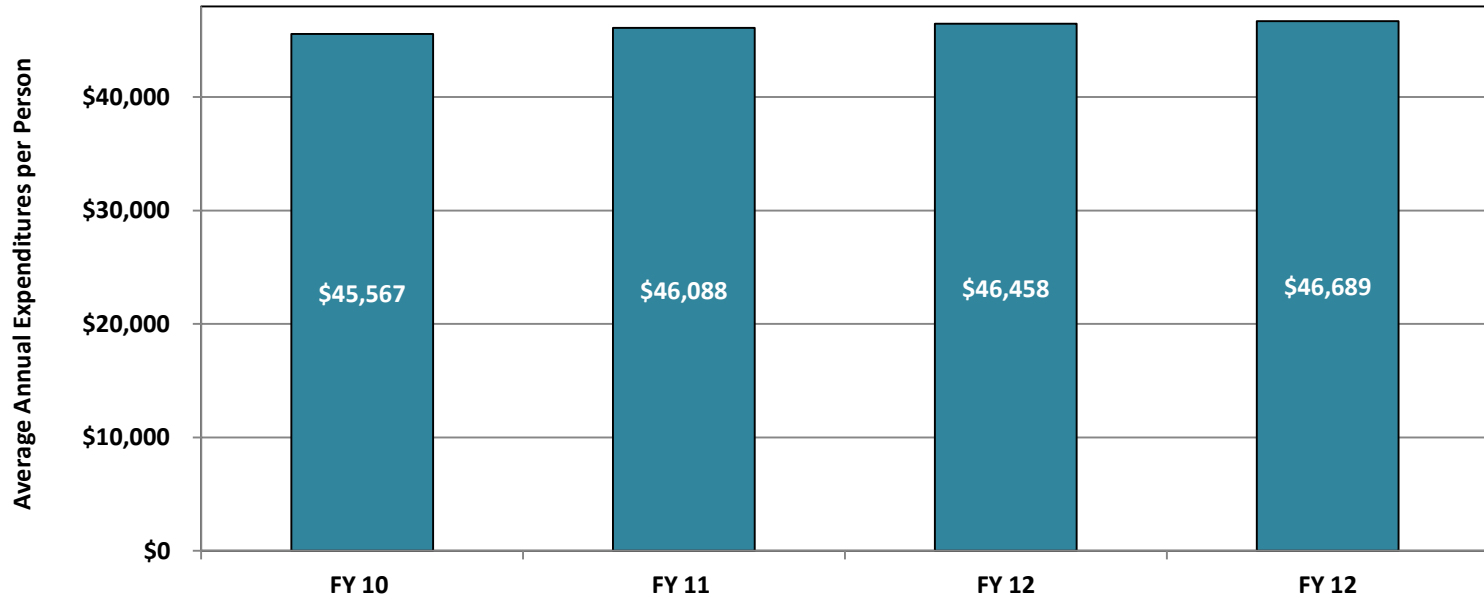
Total Medicaid expenditures for waiver coordination services decreased 5%, from \$1.7 million in FY 2011 to \$1.6 million in FY 2012. Monthly ongoing assessment services accounted for \$1.4 million of this total, with 99% (885) of the participants receiving at least one ongoing assessment service in FY 2012 (Figure 24).

Figure 12. Medicaid Expenditures* for Autism Waiver Participants, by Expenditure Category

	FY 09	Percentage	FY 10	Percentage	FY 11	Percentage	FY 12	Percentage
Waiver Expenditures	\$29,314,088	72%	\$29,720,108	72%	\$30,379,529	73%	\$30,705,785	73%
Non-Waiver Expenditures	\$11,605,347	28%	\$11,528,927	28%	\$11,432,395	27%	\$11,220,682	27%
Total Expenditures	\$40,919,435	100%	\$41,249,035	100%	\$41,811,924	100%	\$41,926,468	100%

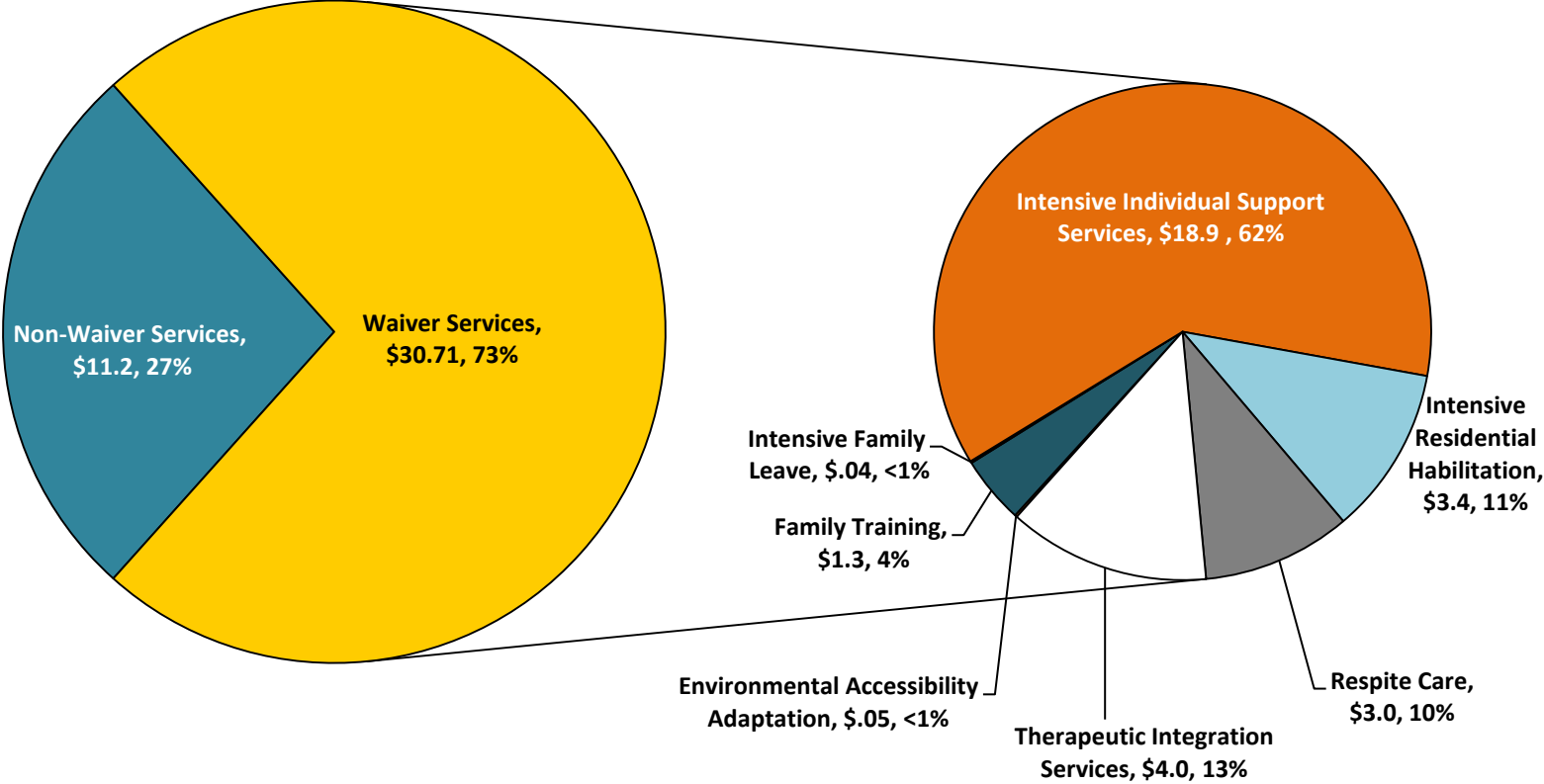
* Does not include administrative costs.

Figure 13. Average Annual Medicaid Expenditures per Person for Autism Waiver Participants



Source: DSS

Figure 14. Distribution of Total Medicaid Expenditures for Autism Waiver Participants, FY 2012



Source: DSS

Figure 15. Use of Environmental Accessibility Adaptation Services by Autism Waiver Participants, by Age Group

Environmental Accessibility Adaptation Services												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	21	\$22,258	\$1,060	13	\$12,471	\$959	11	\$11,141	\$1,013	5	\$4,025	\$805
11 to 15	32	\$29,782	\$ 931	39	\$37,390	\$959	38	\$36,018	\$ 948	18	\$14,282	\$793
16 to 21	22	\$23,915	\$1,087	23	\$25,513	\$1,109	17	\$17,058	\$1,003	23	\$27,757	\$1,207
All Ages	75	\$75,955	\$1,013	75	\$75,374	\$1,005	66	\$64,217	\$973	46	\$46,065	\$1,001

Figure 16. Use of Family Training Services by Autism Waiver Participants, by Age Group

Family Training												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	174	\$454,048	\$2,609	107	\$230,502	\$2,154	80	\$151,986	\$1,900	44	\$81,288	\$1,847
11 to 15	321	\$809,283	\$2,521	367	\$852,333	\$2,322	377	\$691,872	\$1,835	367	\$695,372	\$1,895
16 to 21	215	\$495,181	\$2,303	262	\$542,841	\$2,072	280	\$429,465	\$1,534	320	\$567,033	\$1,772
22	0	\$0	\$0	0	\$0	\$0	1	\$1,051	\$1,051	0	\$0	\$0
All Ages	710	\$1,758,511	\$2,477	736	\$1,625,676	\$2,209	738	\$1,274,375	\$1,727	731	\$1,343,693	\$1,838

Source: DSS

Figure 17. Use of Intensive Individual Support Services by Autism Waiver Participants, by Age Group

Intensive Individual Support Services												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	190	\$4,481,396	\$23,586	119	\$2,302,200	\$19,346	84	\$1,655,935	\$19,714	45	\$747,880	\$16,620
11 to 15	375	\$9,096,059	\$24,256	407	\$9,087,810	\$22,329	431	\$9,395,630	\$21,800	419	\$9,278,309	\$22,144
16 to 21	262	\$6,780,518	\$25,880	308	\$6,939,527	\$22,531	334	\$7,713,899	\$23,096	392	\$8,883,761	\$22,663
22	0	\$0	\$0	0	\$0	\$0	1	\$5,911	\$5,911	0	\$0	\$0
All Ages	827	\$20,357,972	\$24,617	834	\$18,329,537	\$21,978	850	\$18,771,375	\$22,084	856	\$18,909,950	\$22,091

Figure 18. Use of Intensive Residential Habilitation Services by Autism Waiver Participants, by Age Group

Intensive Residential Habilitation												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	1	\$49,862	\$49,862	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
11 to 15	4	\$456,638	\$114,160	5	\$483,946	\$96,789	4	\$355,264	\$88,816	6	\$693,008	\$115,501
16 to 21	22	\$2,500,185	\$113,645	26	\$3,061,673	\$117,757	27	\$3,221,215	\$119,304	21	\$2,669,524	\$127,120
All Ages	27	\$3,006,686	\$111,359	31	\$3,545,619	\$114,375	31	\$3,576,478	\$115,370	27	\$3,362,532	\$124,538

Source: DSS

Figure 19. Use of Intensive Family Leave Services by Autism Waiver Participants, by Age Group

Intensive Family Leave												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0	\$0	0	\$0	\$0
6 to 10	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0	\$0	0	\$0	\$0
11 to 15	0	\$0.00	\$0.00	0	\$0.00	\$0.00	1	\$768	\$768	1	\$1,901	\$1,901
16 to 21	0	\$0.00	\$0.00	0	\$0.00	\$0.00	9	\$33,026	\$3,670	7	\$36,117	\$5,160
All Ages	0	\$0.00	\$0.00	0	\$0.00	\$0.00	10	\$33,794	\$3,379	8	\$38,018	\$4,752

Figure 20. Use of Respite Care Services by Autism Waiver Participants, by Age Group

Respite Care												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	165	\$408,795	\$2,478	103	\$339,883	\$3,300	74	\$248,110	\$3,353	39	\$108,568	\$2,784
11 to 15	316	\$750,495	\$2,375	374	\$1,366,317	\$3,653	382	\$1,343,957	\$3,518	375	\$1,423,201	\$3,795
16 to 21	217	\$581,436	\$2,679	278	\$1,108,874	\$3,989	313	\$1,194,220	\$3,815	353	\$1,441,099	\$4,082
22	0	\$0	\$0	0	\$0	\$0	1	\$250	\$250	0	\$0	\$0
All Ages	698	\$1,740,726	\$2,494	755	\$2,815,074	\$3,729	770	\$2,786,537	\$3,619	767	\$2,972,867	\$3,876

Note: Starting in FY 2009, the allowable number of respite care hours per year increased from 168 to 336.

Source: DSS

Figure 21. Use of Therapeutic Integration Services by Autism Waiver Participants, by Age Group

Therapeutic Integration Services												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
0 to 5	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
6 to 10	59	\$400,588	\$6,790	46	\$315,907	\$6,868	35	\$288,385	\$8,240	19	\$133,770	\$7,041
11 to 15	142	\$1,184,371	\$8,341	189	\$1,685,567	\$8,918	207	\$1,895,222	\$9,156	213	\$1,977,100	\$9,282
16 to 21	100	\$789,279	\$7,893	134	\$1,321,718	\$9,864	163	\$1,677,643	\$10,292	185	\$1,921,789	\$10,388
22	0	\$0	\$0	0	\$0	\$0	1	\$5,867	\$5,867	0	\$0	\$0
Total	301	\$2,374,238	\$7,888	369	\$3,323,192	\$9,006	406	\$3,867,117	\$9,525	417	\$4,032,660	\$9,671

Figure 22. Use of Adult Life Planning Services by Autism Waiver Participants

Adult Life Planning												
	FY 09			FY 10			FY 11			FY 12		
Age Group	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User	Users	Expenditures	Expenditures Per User
16 to 21	0	\$0	\$0	13	\$5,636	\$434	17	\$5,636	\$332	0	\$0	\$0
Total	0	\$0	\$0	13	\$5,636	\$434	17	\$5,636	\$332	0	\$0	\$0

Source: DSS

Figure 23. Medicaid Non-Waiver Expenditures for Autism Waiver Participants

Service Category	FY 09	FY 10	FY 11	FY 12
Dental	\$1,630	\$95,917	\$104,518	\$117,337
DME/DMS	\$58,726	\$42,737	\$72,346	\$90,428
Emergency Room	\$1,648	\$1,618	\$2,148	\$1,887
EPSDT Therapeutic Nursery	\$45,487	\$78,179	\$94,892	\$70,563
Home Health/Personal Care	\$50,914	\$64,396	\$55,859	\$59,473
IEP/IFSP School Health Related	\$672,355	\$811,420	\$804,650	\$737,100
Inpatient	\$244,466	\$696,971	\$452,575	\$501,595
MCO Capitation Payments*	\$4,498,686	\$4,390,572	\$4,727,862	\$4,509,997
Medicare Crossover	\$4,342	\$332	\$874	\$7,296
Medicine**	\$1,749,557	\$1,616,618	\$1,470,063	\$1,464,880
Mental Health	\$67,609	\$24,712	\$3,273	\$8,001
Other***	\$783,483	\$91,890	\$163,497	\$188,405
Outpatient	\$0	\$618,886	\$549,862	\$580,120
Pharmacy	\$1,612,120	\$1,274,477	\$1,181,290	\$1,227,712
Transportation	\$80,997	\$58,775	\$63,788	\$61,363
Waiver Coordination	\$1,733,325	\$1,661,425	\$1,684,900	\$1,594,525
Total	\$11,605,347	\$11,528,927	\$11,432,395	\$11,220,682

* “MCO capitation payments” are fixed monthly amounts paid to MCOs to provide services to enrolled Medicaid participants. Capitation payments are based on actuarial projections of medical utilization. MCOs are required to provide all covered, medically necessary Medicaid services within that capitated amount.

** Medications received from a source other than a pharmacy (i.e., inpatient hospitalization, clinic).

*** “Other” includes Medicaid non-waiver services other than those listed above and those provided under the waiver that are paid by Medicaid on behalf of Medicaid waiver participants.

Source: DSS

Figure 24. Use of Medicaid Waiver Service Coordination for Autism Waiver Participants

Autism Waiver Service Coordination												
	FY 09	Users	Average Per Person	FY 10	Users	Average Per Person	FY 11	Users	Average Per Person	FY 12	Users	Average Per Person
Initial Assessment	\$19,500	39	\$500	\$16,500	33	\$500	\$19,500	39	\$500	\$16,500	33	\$500
Ongoing Assessment	\$1,442,400	870	\$1,658	\$1,397,700	877	\$1,594	\$1,433,850	885	\$1,620	\$1,353,900	885	\$1,530
Reassessment	\$271,425	776	\$350	\$247,225	740	\$334	\$231,550	701	\$330	\$224,125	694	\$323
Total	\$1,733,325			\$1,661,425			\$1,684,900			\$1,594,525		

Source: DSS

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