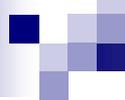


# Overview of the CT BHP Annual Report: 2011



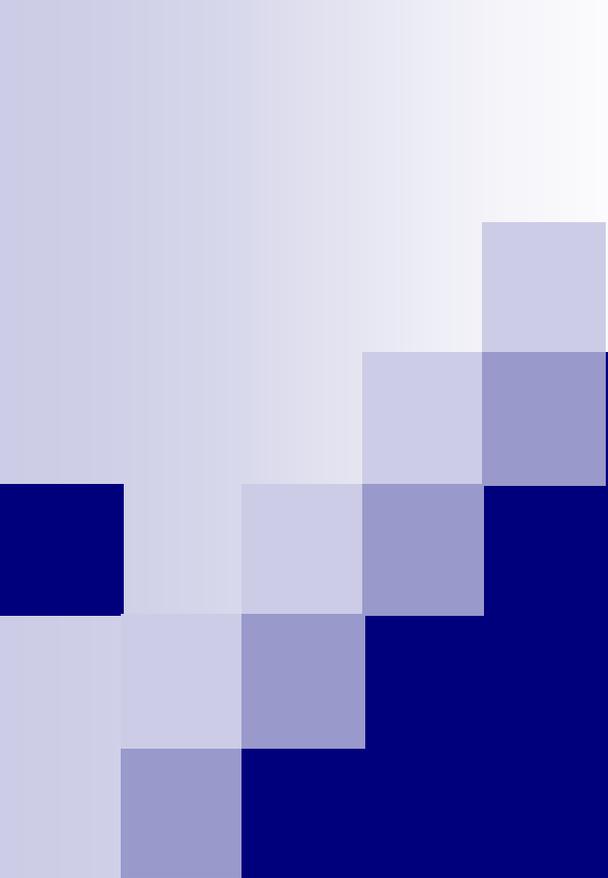
# Structure of Report

- Introduction
- Summary of Partnership Activities for CY ' 11
- Expansion of CT BHP
- ASO Implementation
- Department Specific Updates
- Utilization/Expenditure Reports

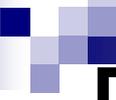


# Major Programmatic Topics Covered

- CT BHP/ValueOptions Implementation
- Implementation Updates throughout year
- DCF One to One Care
- DCF Update on Future of Riverview
- Wellness/Care Coordination  
Implementation under VO contract
- Rate Meld
- VO Contract Performance Standards



# DCF Utilization and Expenditure Data



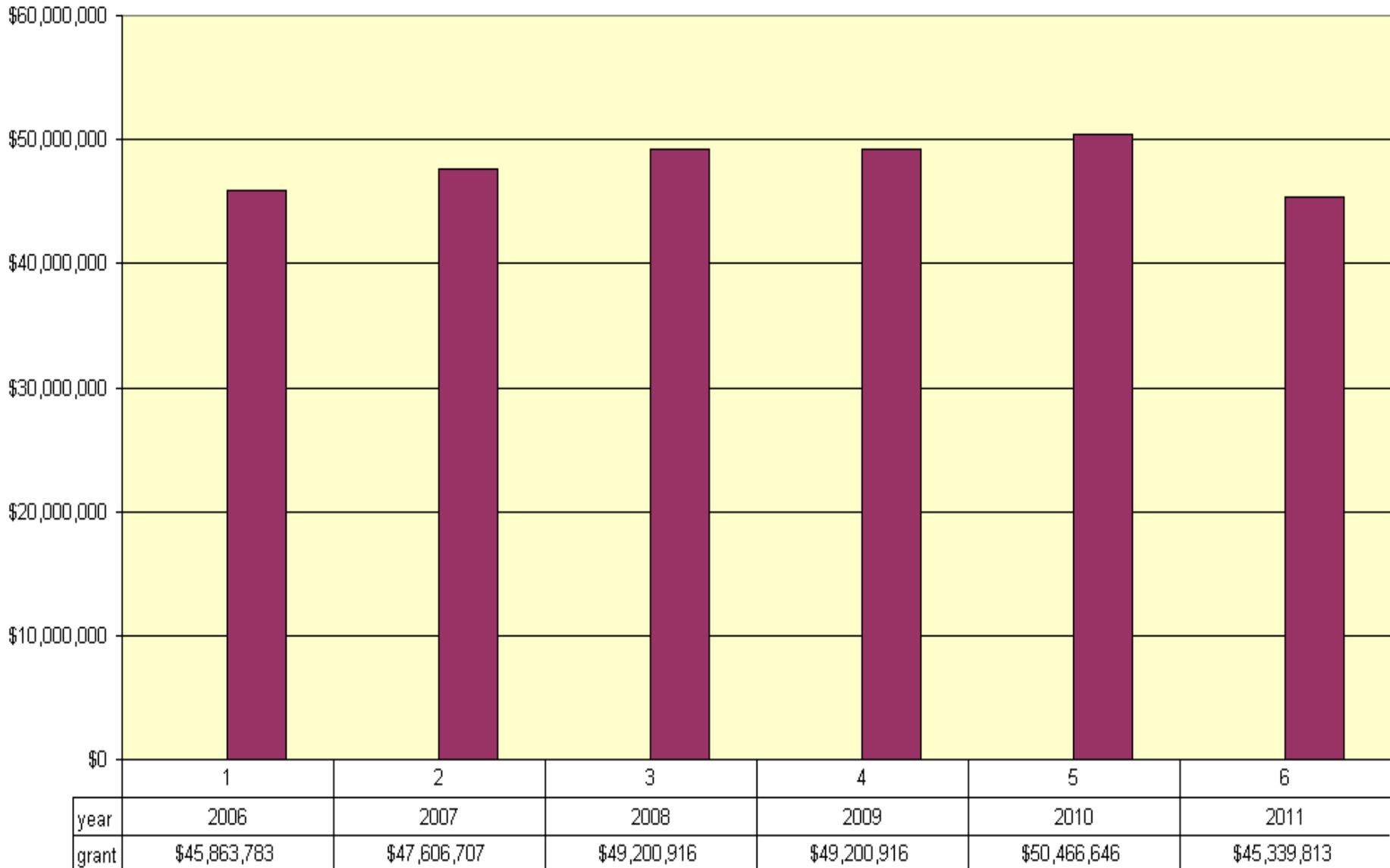
# DCF Grant Funding Community-Based Services

- Emergency Mobile Psychiatric Services (EMPS)
- Extended Day Treatment
- Home- Based Services
- Child Guidance Clinics
- Outpatient Adolescent Substance Abuse

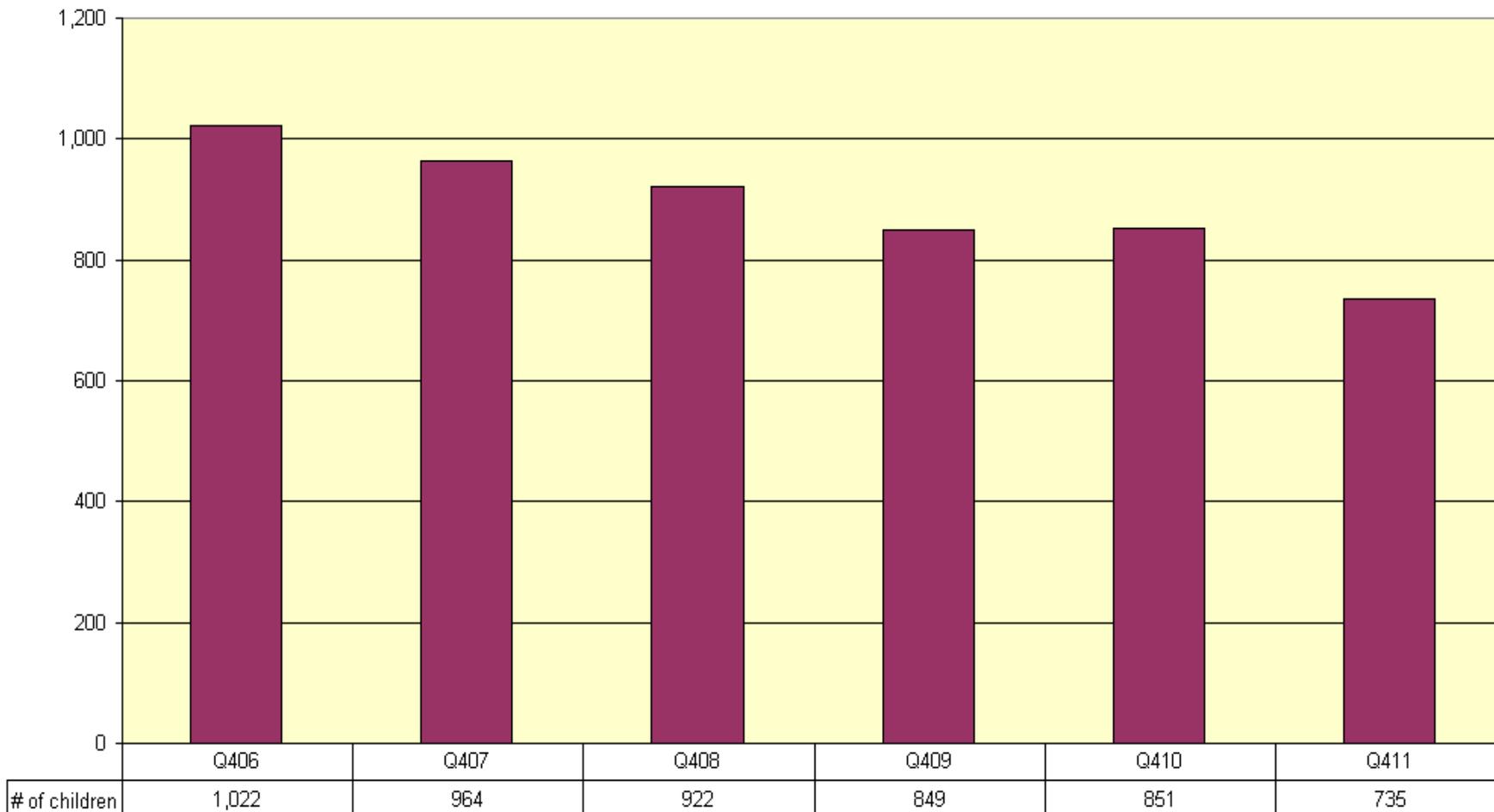
# EMPS Grant Shifts

- From 2006-2010 the EMPS Contracts included a separate subcontract for Care Coordination
- In 2011, Care Coordination funds were removed and contracted for separately
- Thus, the grant funding for 2011, while diminished due to removal of care coordination dollars is a more accurate depiction of DCF funded community-based service expenditures
- \*Note: Care Coordination is not a CT BHP authorized service

## Annual DCF Grant Funding for Community-Based Services

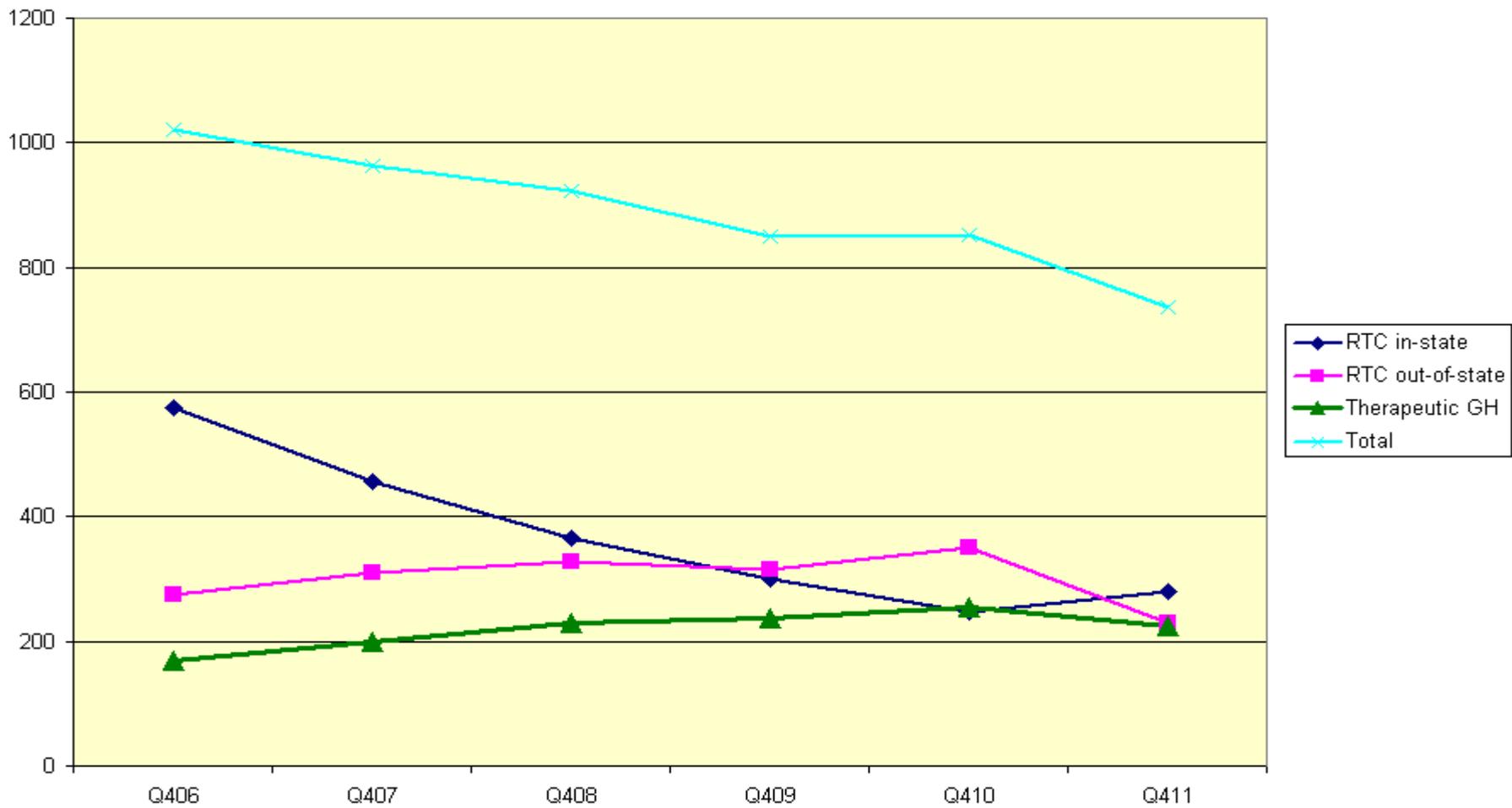


Number of Children in Residential and Therapeutic Group Home Placement as of last day of Q4 during the Calendar Year



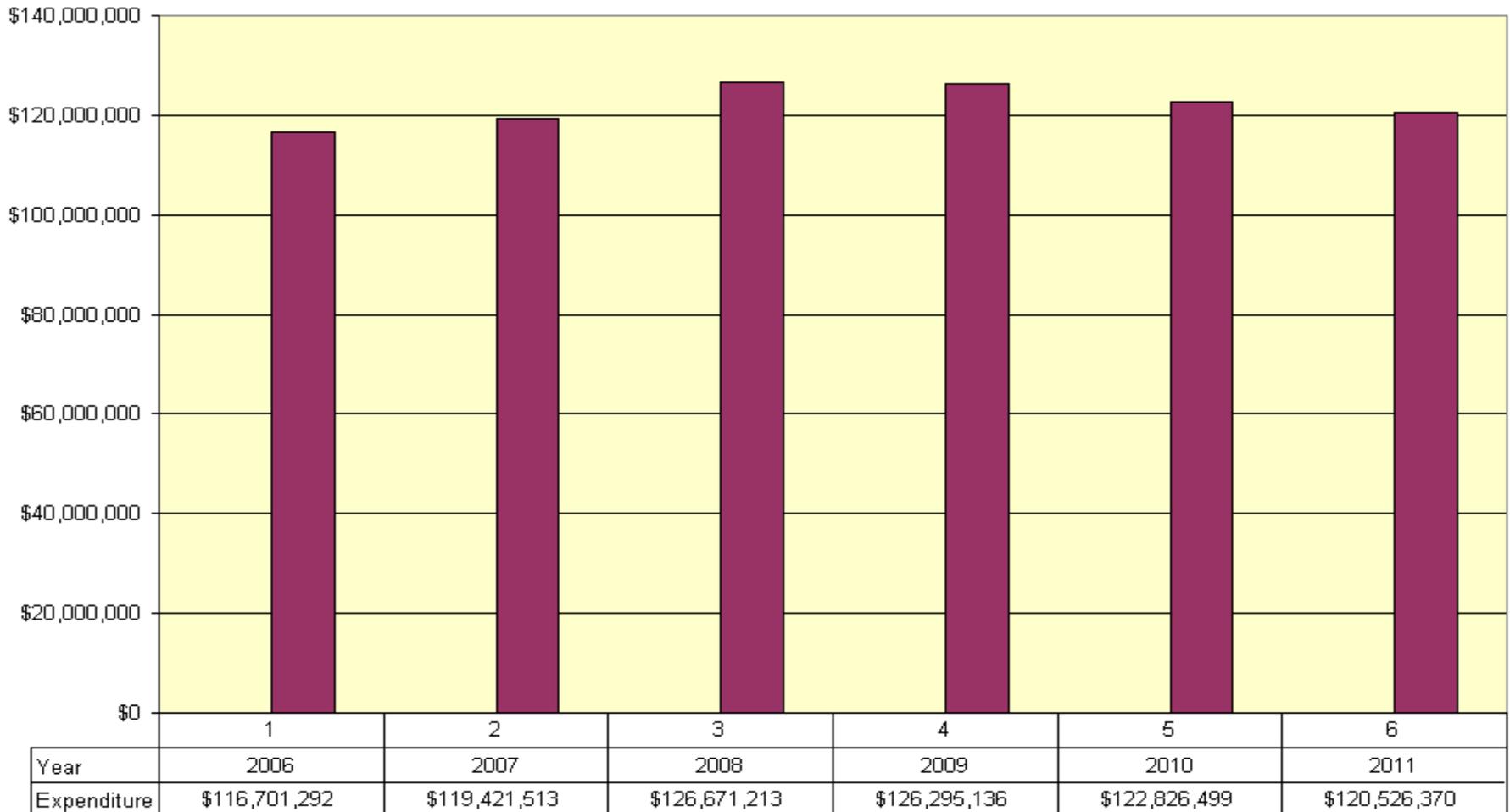
- From 2006 to 2011, the decrease in the # of children in congregate care was accounted for by a reduction in children placed at in-state RTCs.
- From 2010 to 2011, there were sharp decreases in the # of children placed in out-of-state RTCs and Therapeutic Group Homes.

Number of Children in Congregate Care: RTC & Therapeutic Group Home (as of the last day of the calendar year quarter)



By CY 2011 the # of children in Therapeutic Group Homes began to decrease by approximately 8% while the # of children in out-of-state RTCs began to decrease by approximately 30%.

## Combined Annual Expenditures - Residential and Therapeutic Group Home



The reduction in expenditures in 2010/2011 is reflective of DCF's initiative to place fewer children in out-of-state RTCs and in-state Group Homes and to transition those children in congregate care back to their communities.



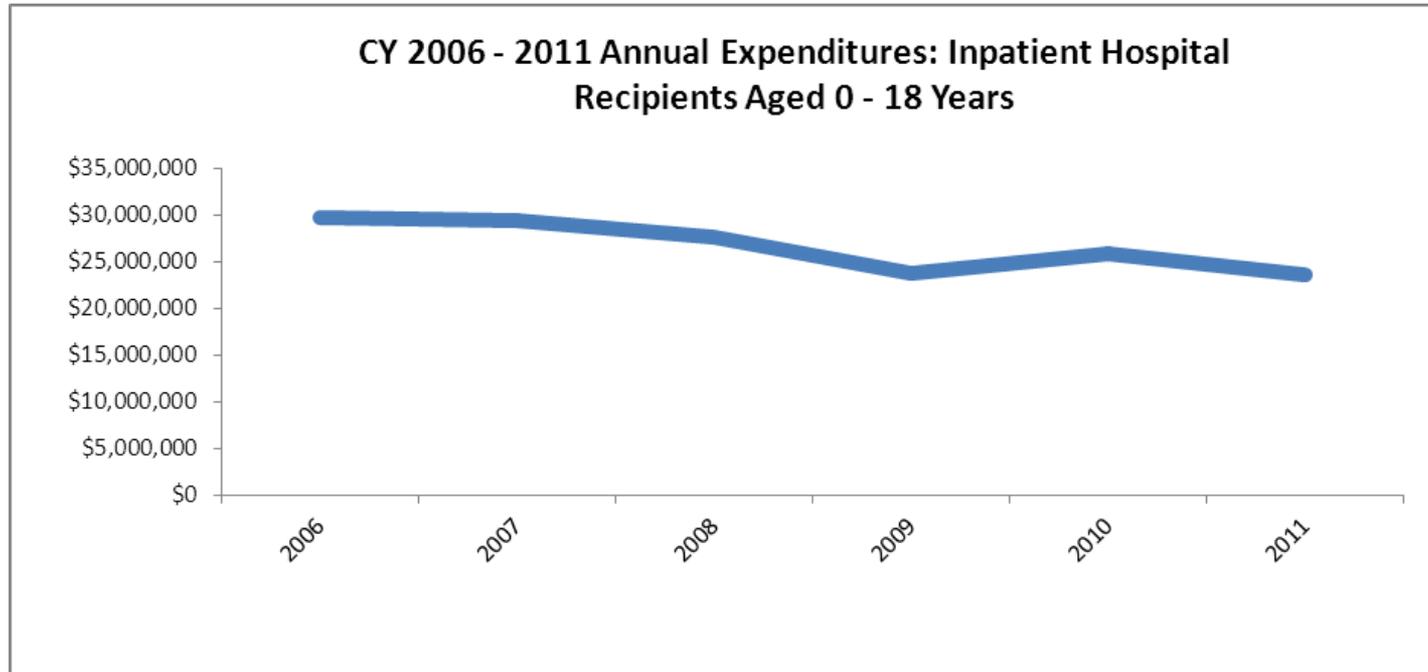
# Medicaid Utilization/Expenditures

# Membership Data



- Membership related to recipients aged 0 -18 years increased annually with an overall increase of 20.89% when comparing CY 2007 to CY 2011.
- The  $\geq 19$  age group also had membership increases each year, with an overall 52.20% increase when comparing CY 2007 to CY 2011.
- Total membership (all ages combined) increased by 30.26% from CY 2007 to CY 2011.

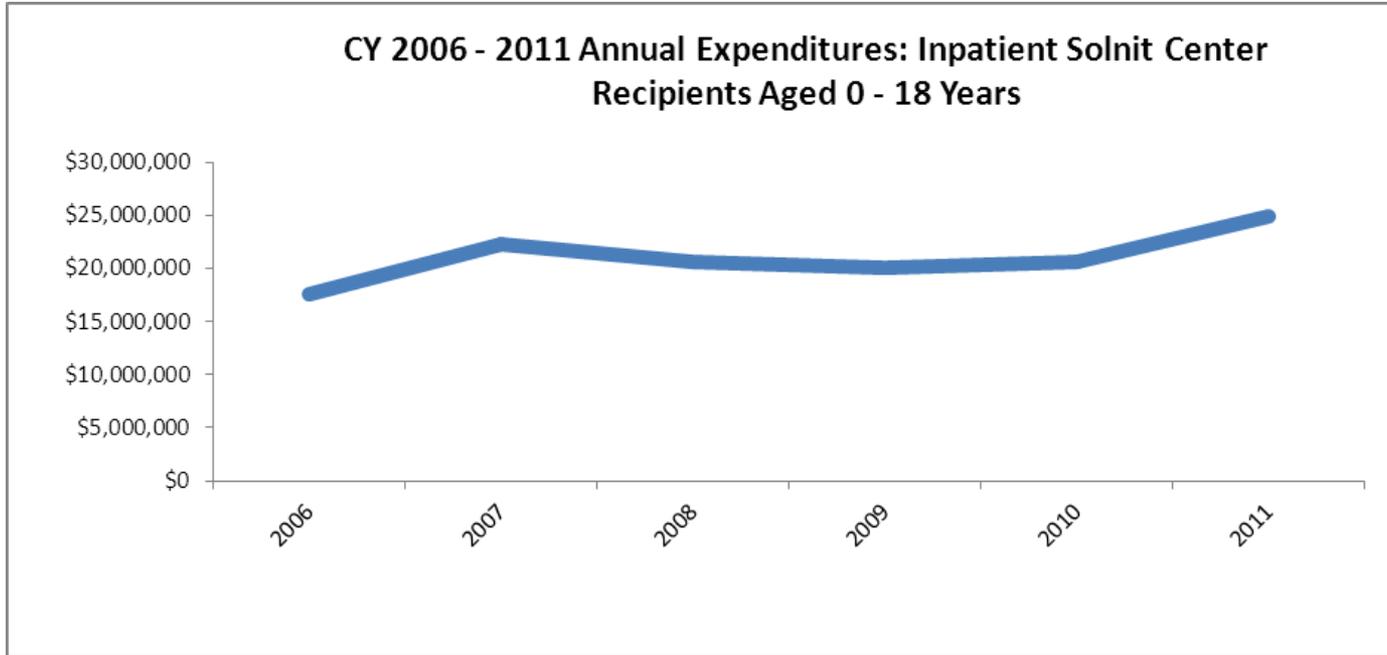
# Inpatient Hospital



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	1,482	1,354	1,470	1,573	1,633	1,658	11.88
<i>Units</i>	39,931	38,031	34,716	29,652	31,679	28,861	-27.72
<i>Expenditures</i>	\$29,691,435	\$29,441,932	\$27,621,247	\$23,793,875	\$25,824,214	\$23,632,343	-20.41
<i>Cost per Individual</i>	\$20,035	\$21,744	\$18,790	\$15,126	\$15,814	\$14,254	-28.86

- Although there is an increase in the number of unduplicated individuals receiving Inpatient Hospital services between CY 2006 and 2011, the volume of units, annual expenditures and cost per individual have decreased by 27.72%, 20.41%, and 28.86% respectively.

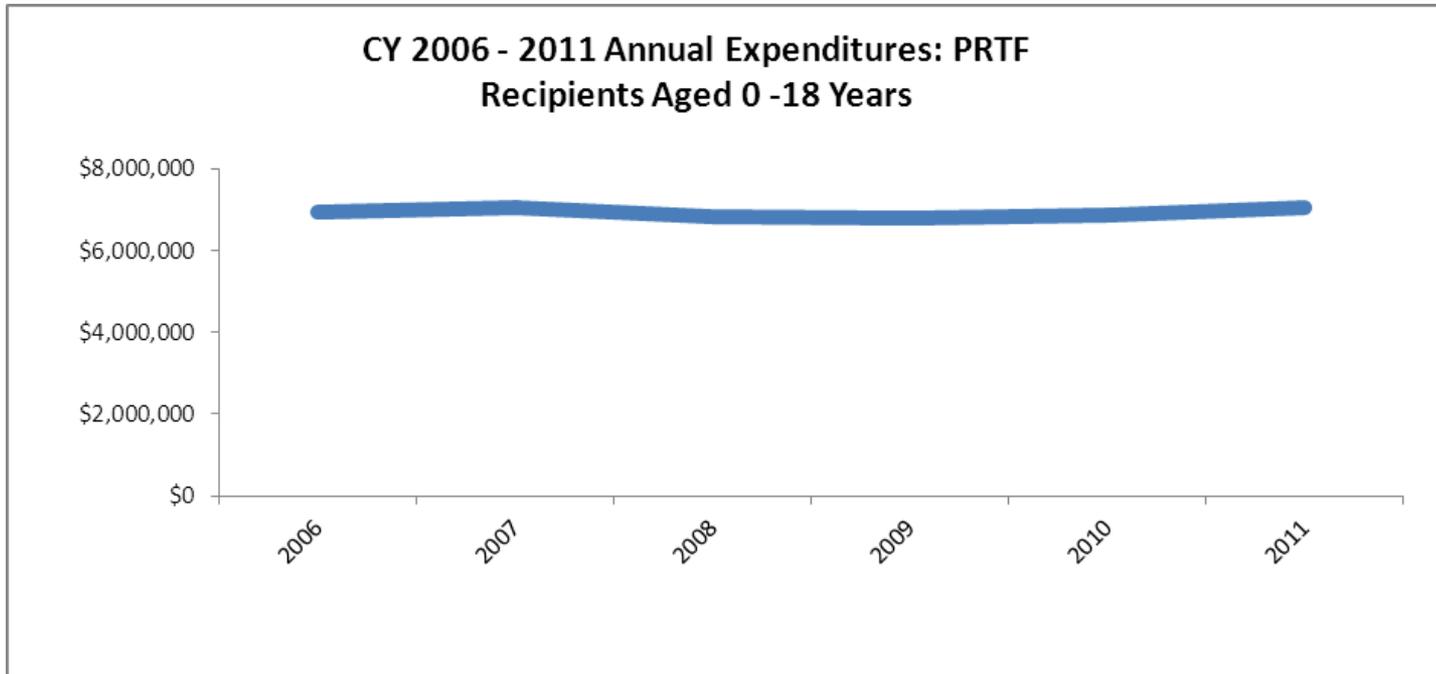
# Inpatient Solnit Center



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	171	175	186	205	212	207	21.05
<i>Units</i>	15,934	20,224	18,696	18,222	18,757	16,467	3.35
<i>Expenditures</i>	\$17,527,400	\$22,246,400	\$20,565,600	\$20,044,200	\$20,632,700	\$24,984,480	42.55
<i>Cost per Individual</i>	\$102,499	\$127,122	\$110,568	\$97,777	\$97,324	\$120,698	17.75

- For the first time since CY 2006, there was a slight decrease in the volume of unduplicated individuals receiving services at Inpatient Solnit Center.
- Annual expenditures increased by 21.09% from CY 2010 to CY 2011.
- The cost per individual increased by 17.75% from CY 2006 to CY 2011.

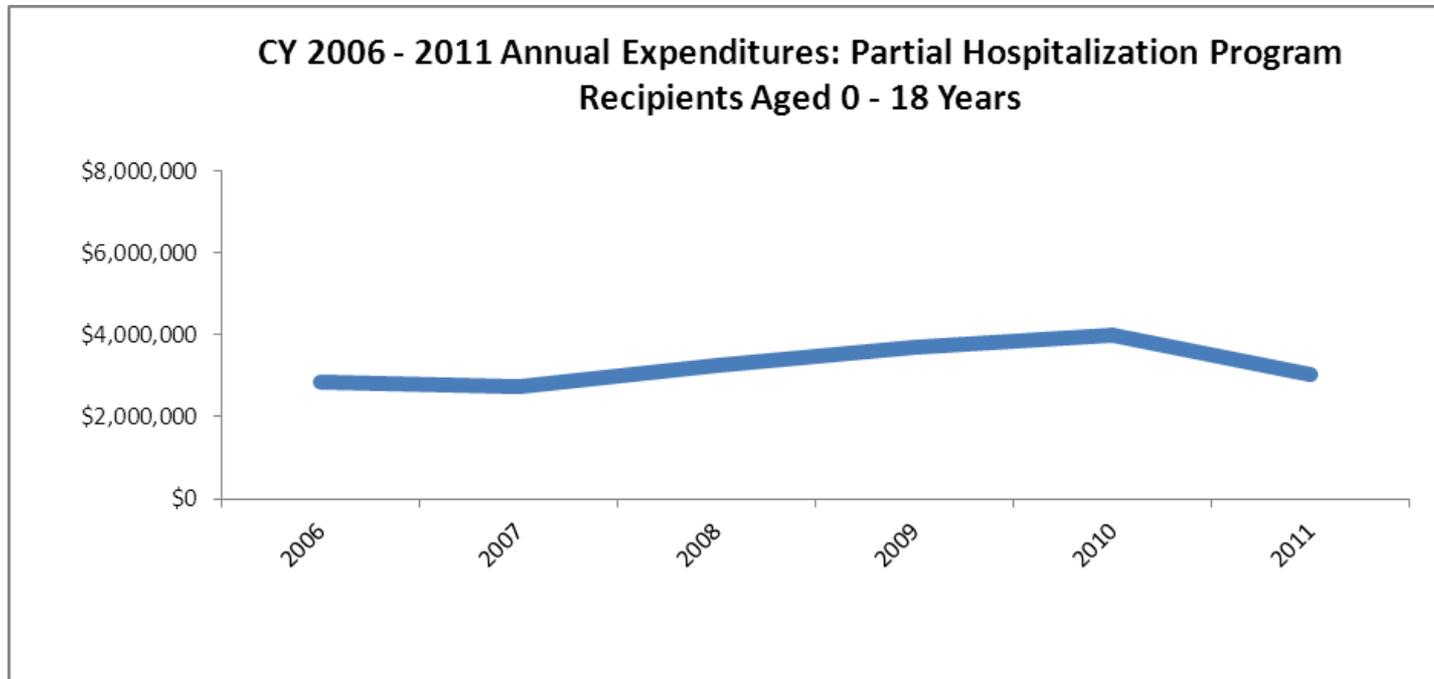
# Psychiatric Residential Treatment Facility (PRTF)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	117	134	143	162	167	172	47.01
<i>Units</i>	20,613	21,607	20,311	20,059	20,045	20,180	-2.10
<i>Expenditures</i>	\$6,936,986	\$7,064,807	\$6,830,324	\$6,805,052	\$6,863,361	\$7,062,562	1.81
<i>Cost per Individual</i>	\$59,290	\$52,722	\$47,765	\$42,006	\$41,098	\$41,061	-30.75

- Annual increases in the number of unduplicated individuals receiving PRTF services have occurred beginning with CY 2006.
- The volume of units and cost per individual have decreased from CY 2006 to 2011; with cost per individual as the most notable decrease (-30.75%).

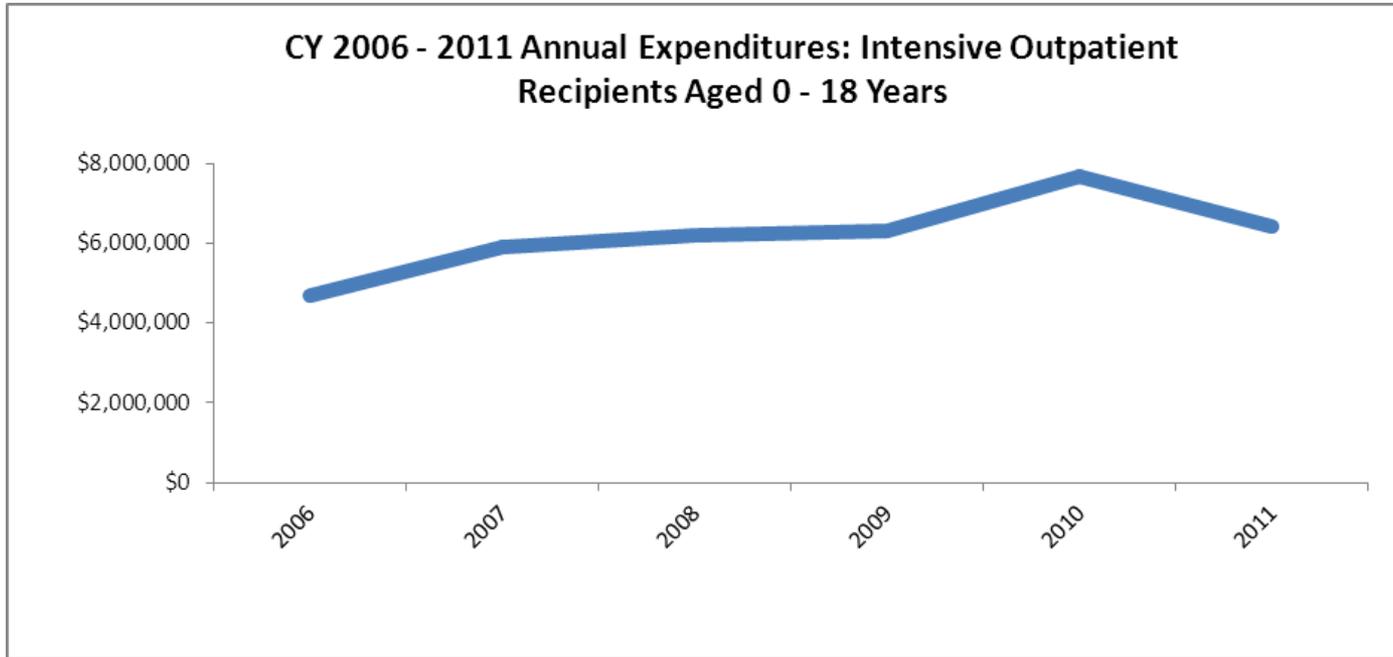
# Partial Hospitalization Program (PHP)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	742	707	874	987	1,081	1,007	35.71
<i>Units</i>	11,982	11,488	13,615	15,239	16,486	12,559	4.82
<i>Expenditures</i>	\$2,846,266	\$2,745,683	\$3,246,789	\$3,680,449	\$3,995,941	\$ 3,034,485	6.61
<i>Cost per Individual</i>	\$3,836	\$3,884	\$3,715	\$3,729	\$3,697	\$3,013	-21.44

- For the first time since CY 2007, there was a slight decline in the number of individuals using PHP services, the volume of PHP units, and annual expenditures from CY 2010 to 2011.
- The average cost per individual has decreased annually after 2007 and has decreased by 21.44% from CY 2006 to CY 2011.

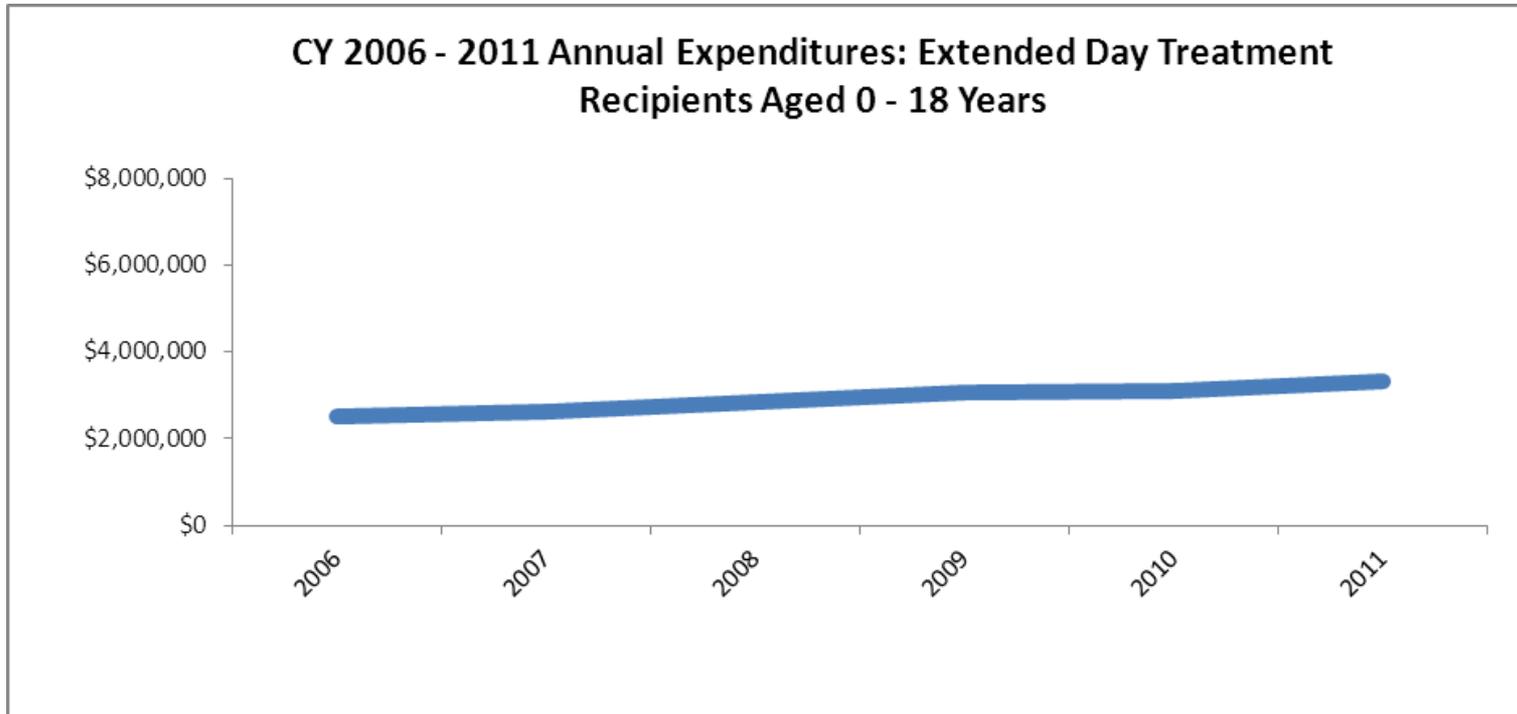
# Intensive Outpatient Treatment (IOP)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	1,638	1,704	1,722	1,806	2,114	2,062	25.89
<i>Units</i>	32,752	40,709	41,324	42,120	50,343	41,670	27.23
<i>Expenditures</i>	\$4,671,622	\$5,902,548	\$6,184,920	\$6,323,614	\$7,685,230	\$ 6,410,500	37.22
<i>Cost per Individual</i>	\$2,852	\$3,464	\$3,592	\$3,501	\$3,635	\$3,109	9.01

- IOP annual expenditures have increased 37.22% from CY 2006 - 2011.
- Although expenditures have increased annually between CY 2006 and 2010, CY 2011 saw a 16.59% decrease from CY 2010.
- The cost per individual for IOP services has also decreased from CY 2010 to 2011 by 14.47%.

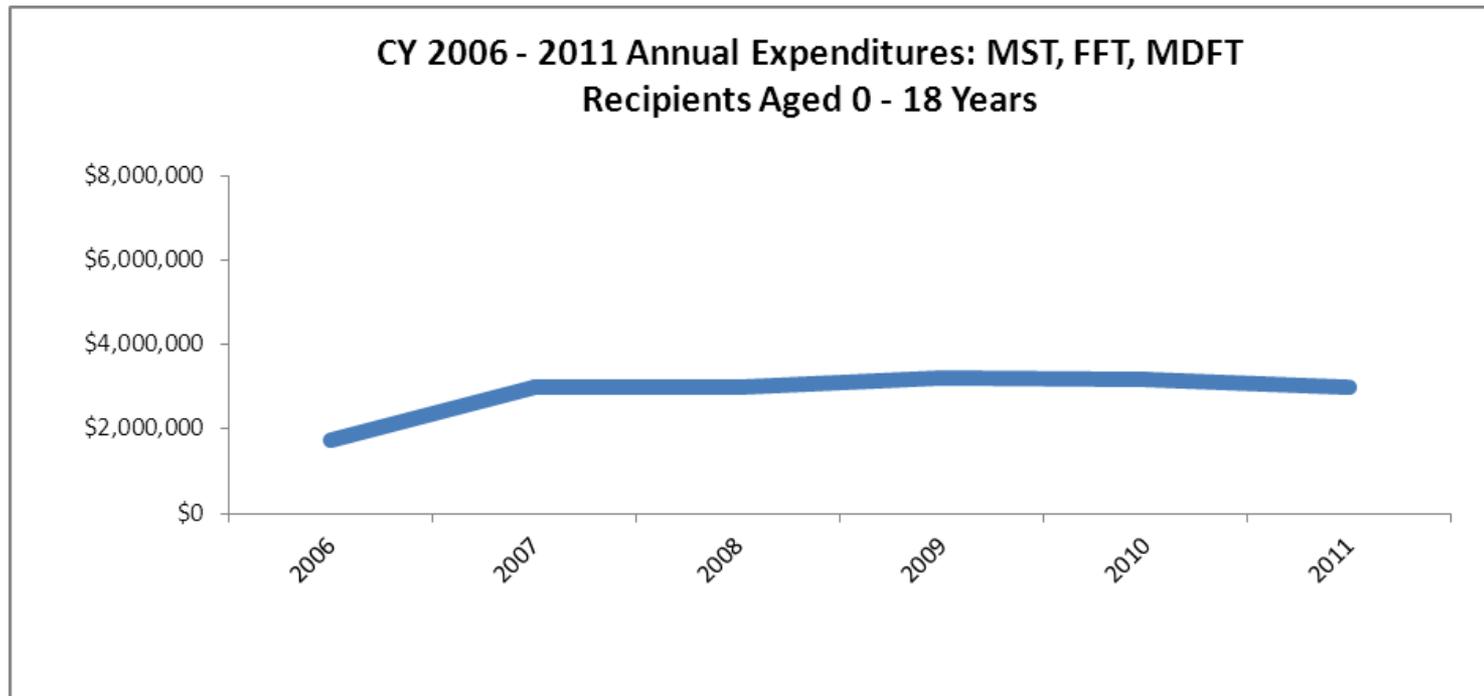
# Extended Day Treatment



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	782	771	799	859	899	978	25.06
<i>Units</i>	42,447	40,100	41,072	43,993	44,167	47,216	11.24
<i>Expenditures</i>	\$2,516,104	\$2,605,420	\$2,862,338	\$3,078,549	\$3,106,871	\$ 3,319,207	31.92
<i>Cost per Individual</i>	\$3,218	\$3,379	\$3,582	\$3,584	\$3,456	\$3,394	5.48

- After increasing over four consecutive years (CY 2006 – 2009), the cost per individual receiving Extended Day Treatment has declined 5.30% over the last two years (CY 2009 - 2011).

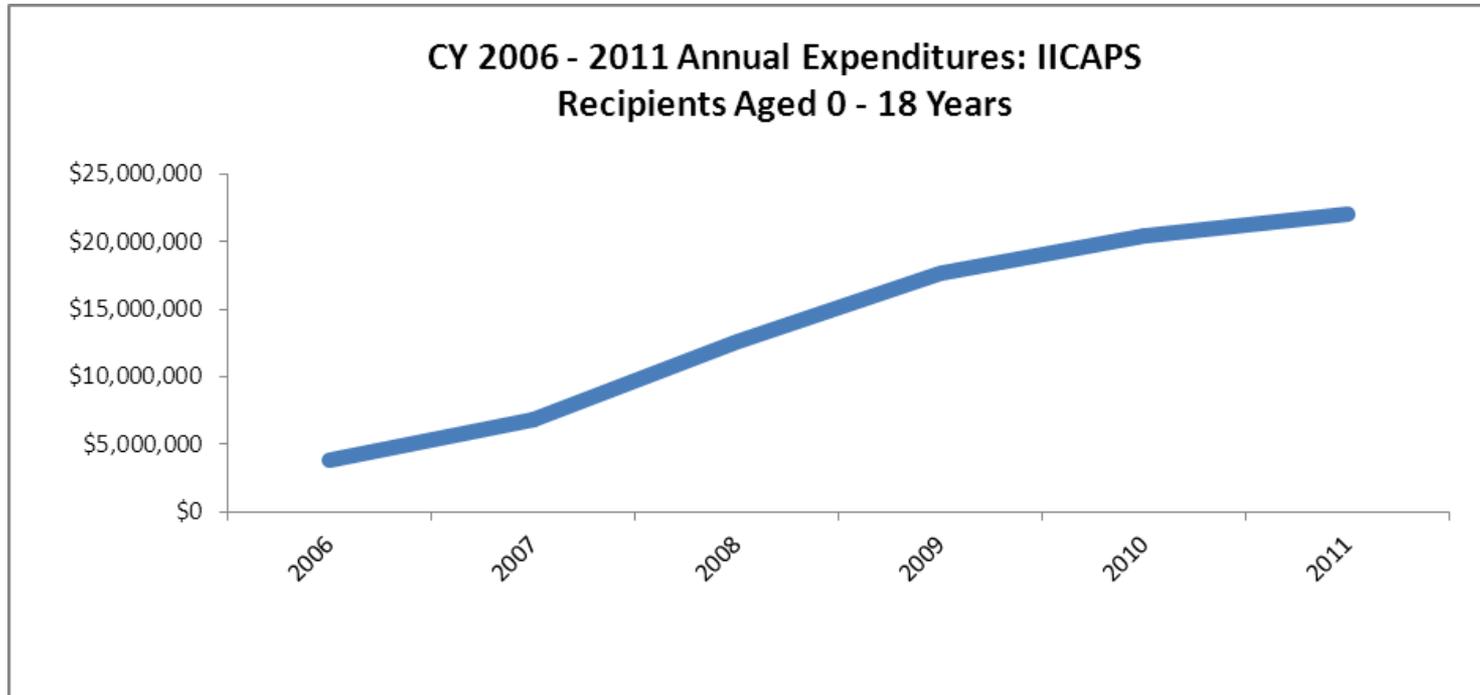
# Home Based Services (MST, FFT, MDFT)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	759	1,040	1,082	1,165	1,252	1,298	71.01
<i>Units</i>	95,508	162,177	161,327	173,762	168,469	158,737	66.20
<i>Expenditures</i>	\$1,736,114	\$3,000,983	\$2,998,065	\$3,229,765	\$3,162,827	\$ 2,980,870	71.70
<i>Cost per Individual</i>	\$2,287	\$2,886	\$2,771	\$2,772	\$2,526	\$2,297	0.40

- Although increases can be noted between CY 2006 – 2007, utilization and cost related to Home Based Services (MST, FFT, MDFT) has remained relatively flat from CY 2007 to CY 2011.

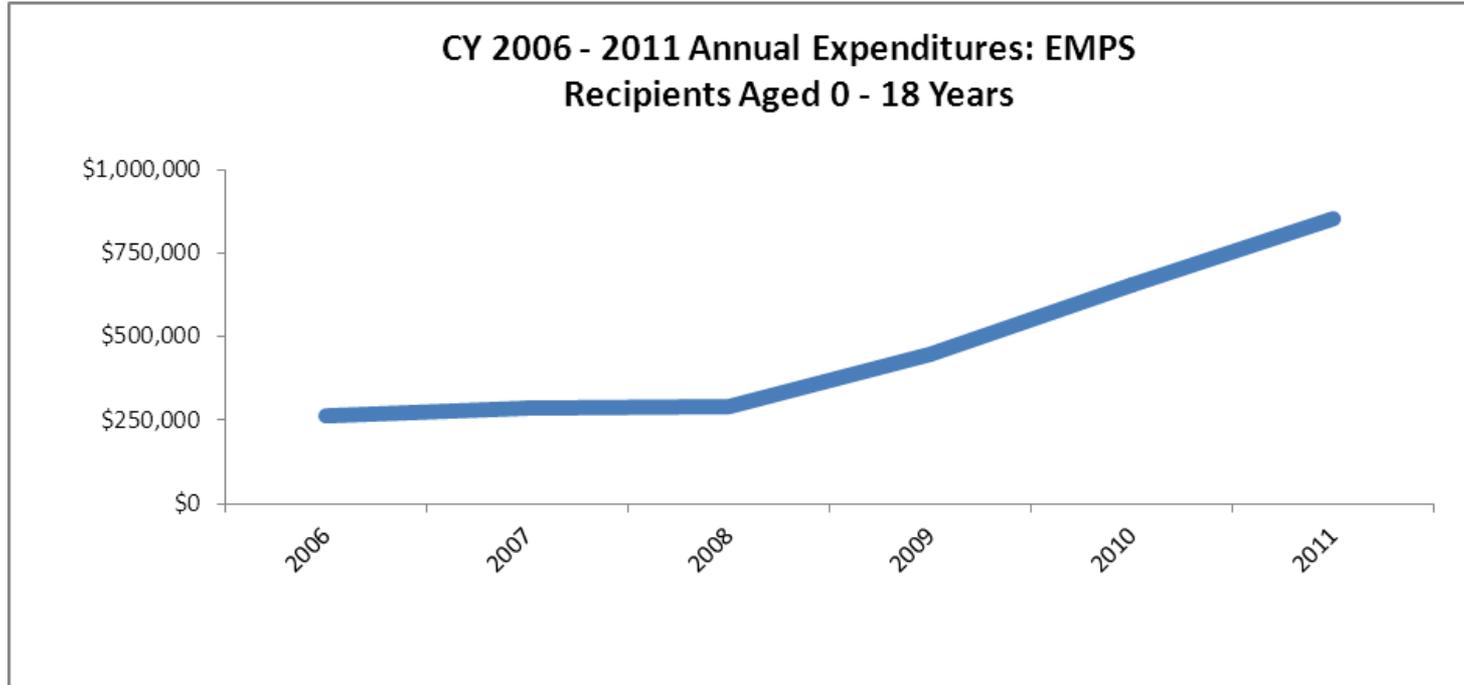
# IICAPS



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	674	870	1,278	1,690	2,201	2,612	287.54
<i>Units</i>	142,267	237,171	413,757	577,506	664,290	716,059	403.32
<i>Expenditures</i>	\$3,799,344	\$6,853,363	\$12,527,083	\$17,641,206	\$20,434,351	\$22,048,343	480.32
<i>Cost per Individual</i>	\$5,637	\$7,877	\$9,802	\$10,439	\$9,284	\$8,441	49.75

- IICAPS utilization has seen much growth in utilization (both in the volume of unduplicated individuals and units), as well as expenditures since CY 2006.
- Despite tremendous growth, the cost per individual has decreased 19.14% between CY 2009 – 2011.

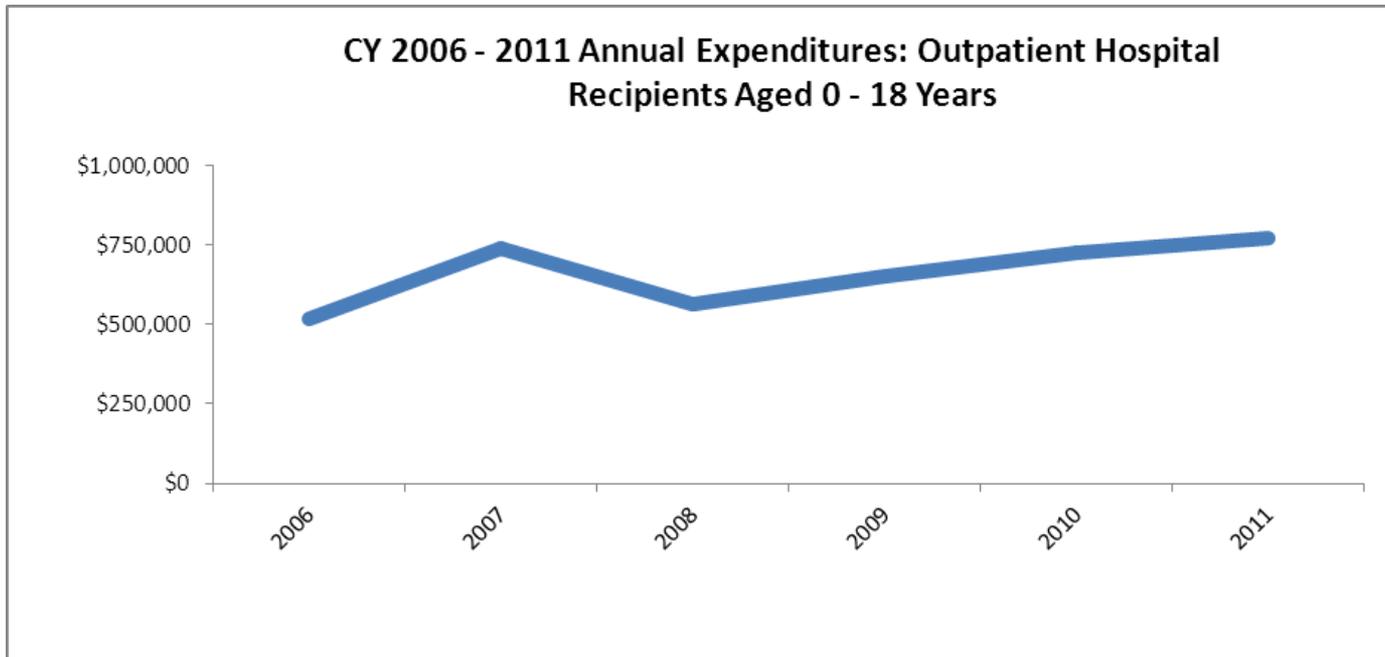
# Emergency Mobile Psychiatric Services (EMPS)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	1,211	1,334	1,272	1,739	2,524	2,888	138.48
<i>Units</i>	3,102	3,231	2,682	3,460	4,458	5,807	87.20
<i>Expenditures</i>	\$265,366	\$285,463	\$288,703	\$449,062	\$656,544	\$ 855,533	222.40
<i>Cost per Individual</i>	\$219	\$214	\$227	\$258	\$260	\$296	35.19

- Utilization and cost related to EMPS has trended upward annually from CY 2008 to CY 2011

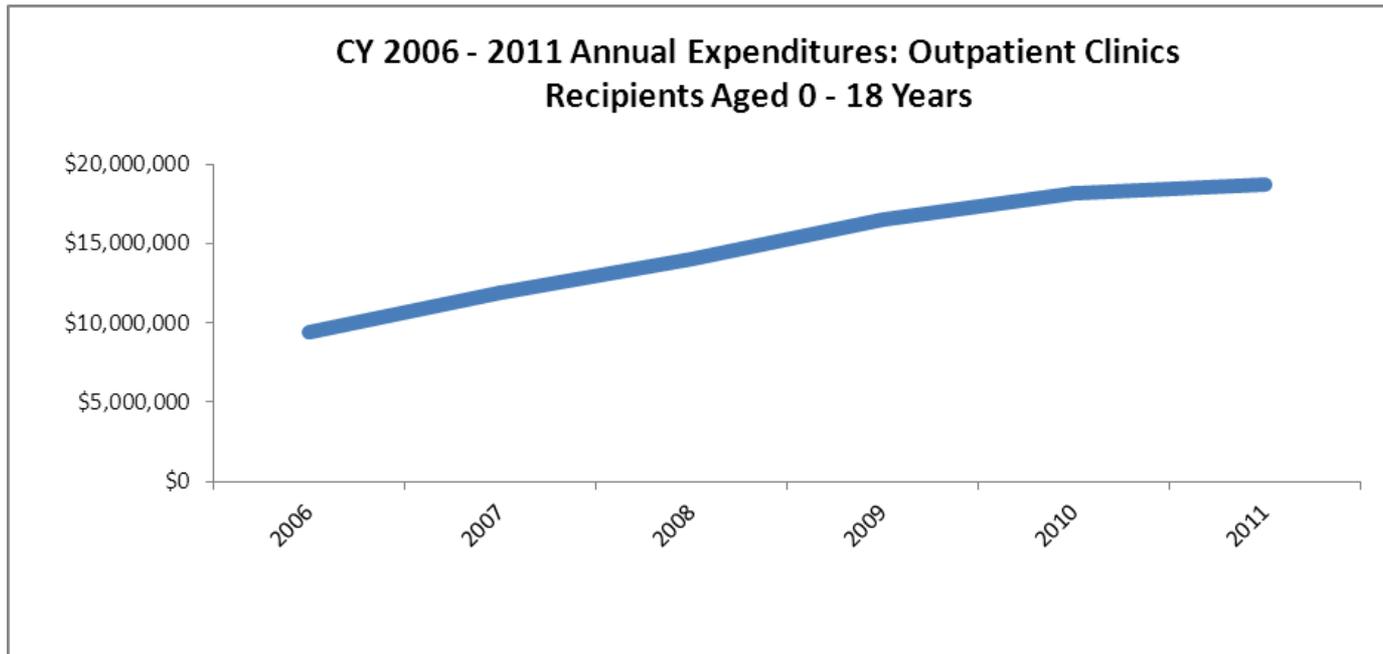
# Outpatient (Hospital)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	1,557	1,886	1,686	1,883	2,189	2,321	49.07
<i>Units</i>	7,116	10,921	7,397	8,167	8,090	8,821	23.96
<i>Expenditures</i>	\$517,335	\$738,836	\$564,633	\$650,938	\$722,941	\$ 770,970	49.03
<i>Cost per Individual</i>	\$332	\$392	\$335	\$346	\$330	\$332	-0.03

- From CY 2006 – 2011, the number of unduplicated individuals utilizing Outpatient (Hospital) services and annual expenditures have risen by 49.07% and 49.03% respectively.
- However, the cost per individual during CY 2011 was identical to the rate seen for CY 2006.

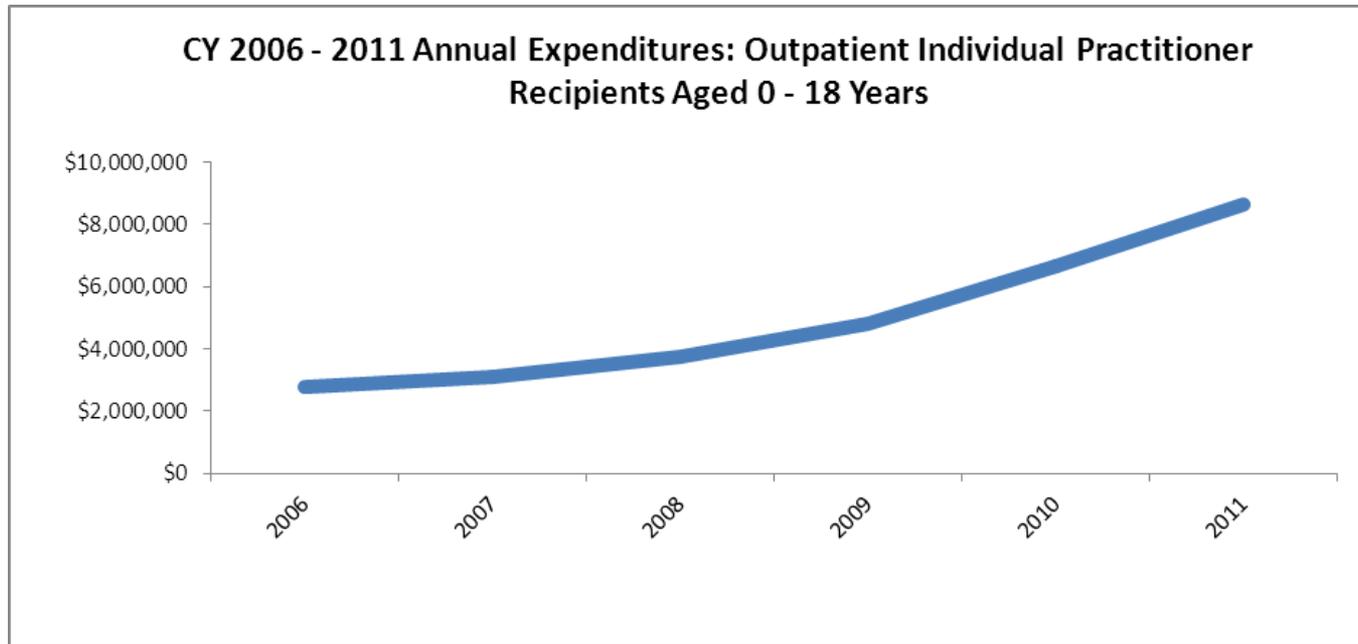
# Outpatient (Clinics)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	13,738	14,454	15,396	17,391	19,233	19,669	43.17
<i>Units</i>	154,140	163,154	173,653	203,407	222,504	233,917	51.76
<i>Expenditures</i>	\$9,425,702	\$11,918,619	\$14,059,083	\$16,493,155	\$18,164,737	\$18,716,779	98.57
<i>Cost per Individual</i>	\$686	\$825	\$913	\$948	\$944	\$952	38.69

- From CY 2006 – 2011, the number of unduplicated individuals utilizing Outpatient (Clinic) services, the volume of units, expenditures and cost per individual has increased by 43.17%, 51.76%, 98.57% and 38.69% respectively.

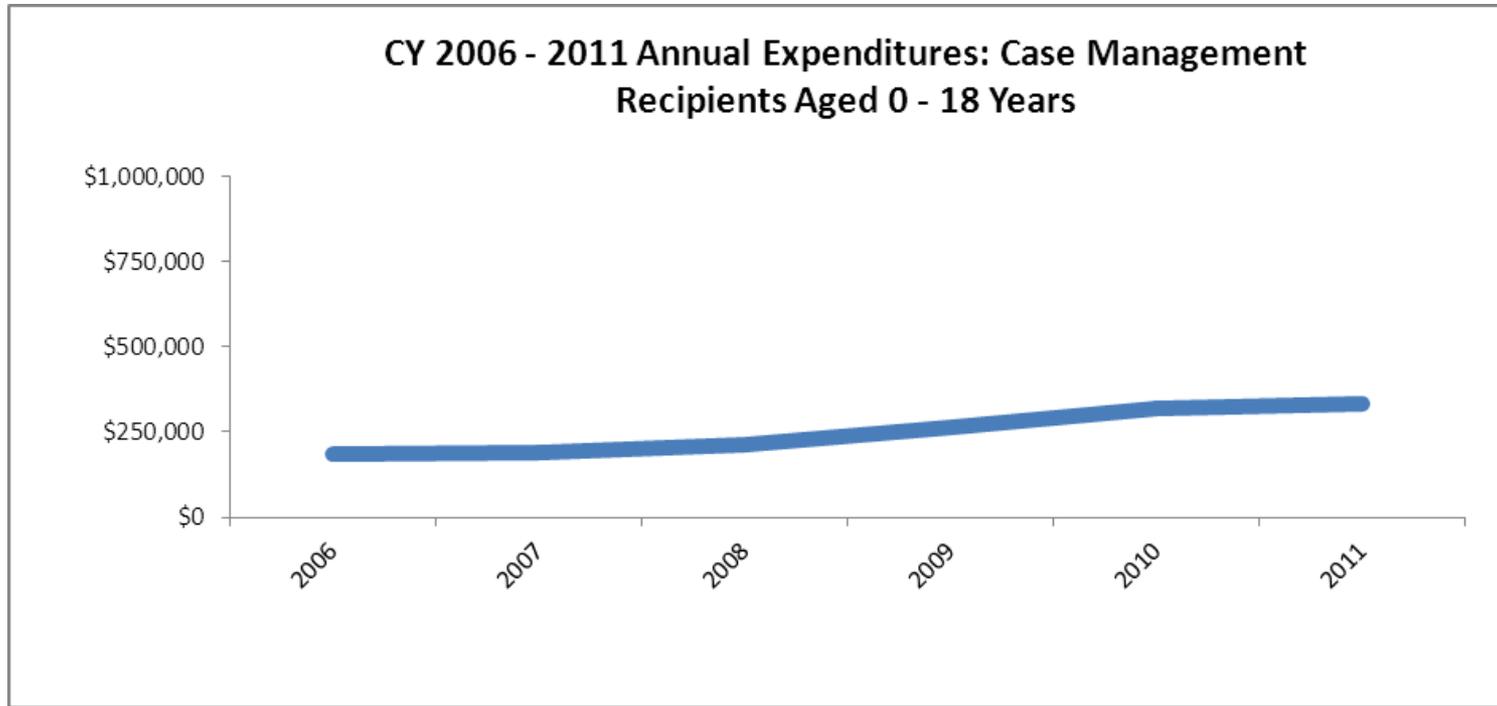
# Outpatient (Individual Practitioner)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	4,558	4,826	5,352	6,741	8,430	9,527	109.02
<i>Units</i>	43,805	45,767	52,927	66,456	89,693	115,391	163.42
<i>Expenditures</i>	\$2,792,039	\$3,073,732	\$3,735,816	\$4,802,021	\$6,638,098	\$ 8,623,712	208.87
<i>Cost per Individual</i>	\$613	\$637	\$698	\$712	\$787	\$905	47.77

- As compared to other Outpatient provider types (Hospital and Clinic), Outpatient services with an Individual Practitioner saw the greatest growth from CY 2006 to CY 2011 in unduplicated individuals, units, and annual expenditures.
- Beginning with CY 2006, the cost per individual has steadily trended upward each year.

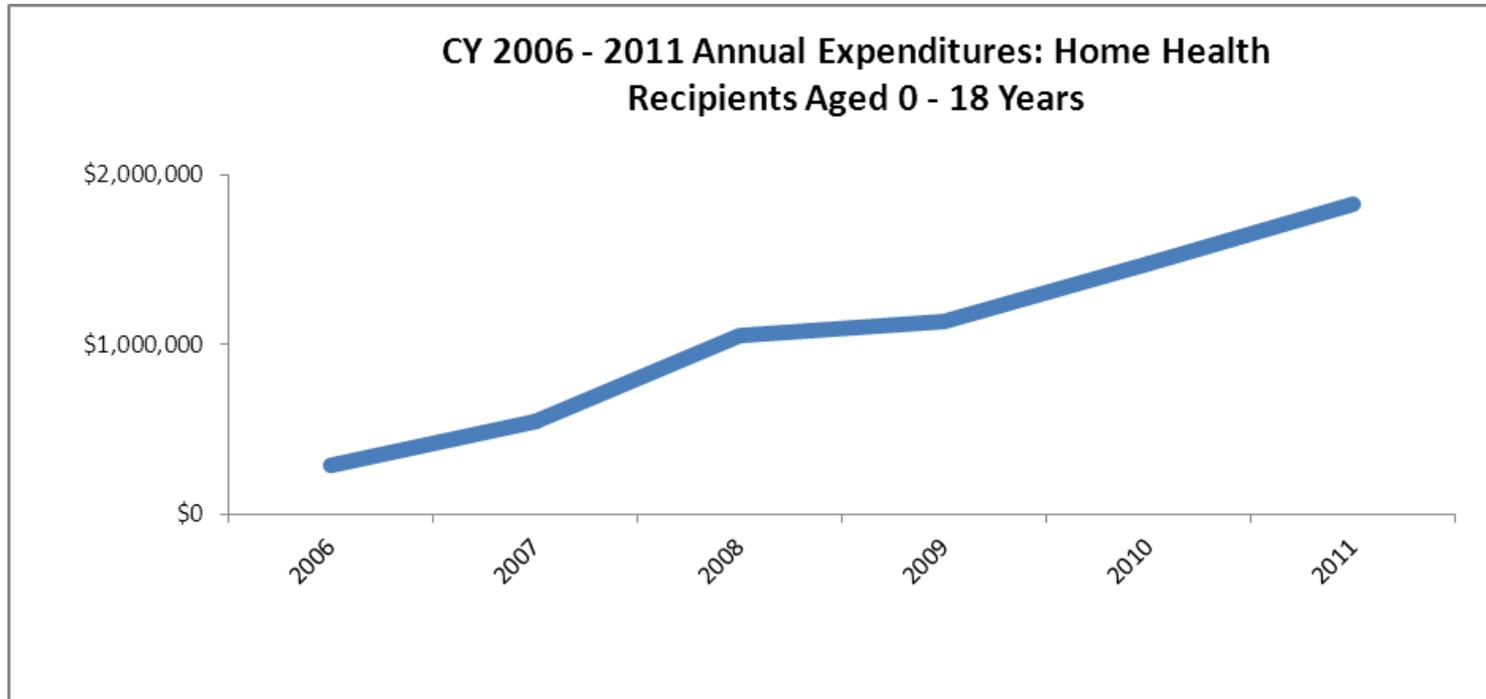
# Case Management



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	2,319	2,867	3,209	4,097	4,432	4,533	95.47
<i>Units</i>	17,677	12,659	14,505	18,267	22,522	23,458	32.70
<i>Expenditures</i>	\$186,623	\$188,922	\$212,265	\$264,075	\$320,434	\$ 333,987	78.96
<i>Cost per Individual</i>	\$80	\$66	\$66	\$64	\$72	\$74	-8.45

- Although Case Management services has relatively low annual expenditures, there has been a 95.47% increase in the number of unduplicated individuals utilizing Case Management and a 32.70% increase in units from CY 2006 - 2011.
- At the same time, the cost per individual has declined by 8.45%.

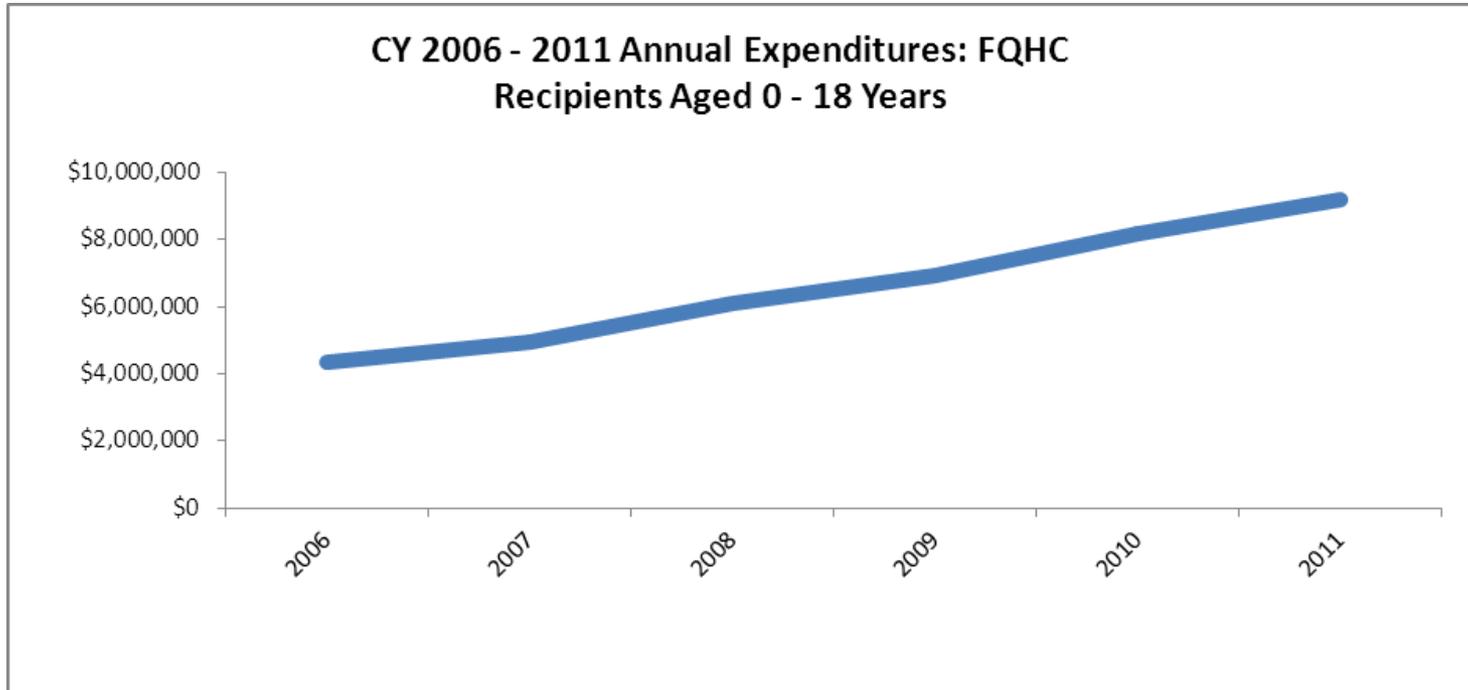
# Home Health



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	71	99	140	159	199	260	266.20
<i>Units</i>	30,473	56,387	105,360	120,880	133,305	178,286	485.06
<i>Expenditures</i>	\$288,022	\$542,834	\$1,048,327	\$1,136,840	\$1,473,118	\$ 1,823,967	533.27
<i>Cost per Individual</i>	\$4,057	\$5,483	\$7,488	\$7,150	\$7,403	\$7,015	72.93

- Beginning in CY 2006, utilization and cost have climbed annually for Home Health services rendered to recipients aged 0-18 years.

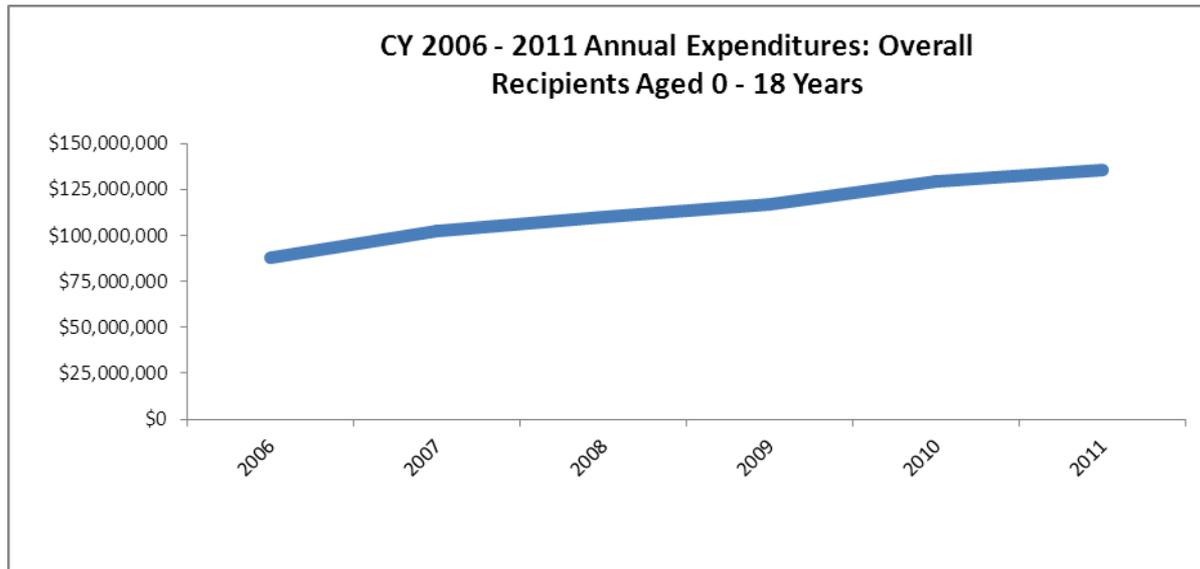
# Federally Qualified Health Center (FQHC)



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	3,254	2,812	3,335	3,758	4,483	4,944	51.94
<i>Units</i>	28,713	30,598	37,408	41,535	48,652	54,436	89.59
<i>Expenditures</i>	\$4,361,727	\$4,958,847	\$6,099,626	\$6,915,456	\$8,161,600	\$ 9,193,768	110.78
<i>Cost per Individual</i>	\$1,340	\$1,763	\$1,829	\$1,840	\$1,821	\$1,860	38.73

- The number of unduplicated individuals receiving services at a FQHC, as well as the volume of units and annual expenditures have all increased beginning with CY 2006.
- Despite a 50.73% increase in annual expenditures from CY 2008 – 2011, the cost per individual has remained relatively stable during that same time period.

# Overall Expenditures and Membership



	2006	2007	2008	2009	2010	2011	% change
<i>Undup. Individuals</i>	22,423	23,302	25,185	28,755	32,724	34,948	55.86
<i>Units</i>	690,499	907,067	1,151,242	1,398,674	1,564,916	1,695,331	145.52
<i>Expenditures</i>	\$87,908,796	\$102,234,547	\$110,152,400	\$116,846,091	\$129,689,786	\$135,827,809	54.51
<i>Cost per Individual</i>	\$3,920	\$4,387	\$4,374	\$4,064	\$3,963	\$3,887	-0.86
<i>Membership 0 - 18</i>		277,197	288,904	302,354	318,319	331,649	19.64

- Overall expenditures and utilization have increased each year beginning with CY 2006 for recipients aged 0 – 18 years. However, the cost per individual has a slight decrease when comparing CY 2006 and 2011 (0.86%).