

Performance Outcomes System Children in Foster Care County Report

Report run on August 9, 2017

Background

Two reports will be created during each new reporting period. The reports that will be produced are as follows: statewide aggregate data and population-based county groups. These reports help meet the intent of the Legislature, as stated in Welfare and Institutions Code Section 14707.5, to develop a performance outcomes system for Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) mental health services that will improve outcomes at the individual, program, and system levels and inform fiscal decision-making related to the purchase of services. This reporting effort is part of the implementation of a performance outcomes system for Medi-Cal Specialty Mental Health Services (SMHS) for children and youth.

Since 2012 DHCS has worked with several groups of stakeholders to create a structure for reporting, to develop the Performance Measurement Paradigm, and to develop indicators and measures. The Performance Outcomes System will be used to evaluate the domains of access, engagement, service appropriateness to need, service effectiveness, linkages, cost effectiveness and satisfaction. Further information on the Performance Measures System implementation is available on the DHCS website. Documents posted include the relevant legislation, plans submitted to the Legislature, and handouts for meetings with the Stakeholder Advisory Committee back to the first meeting in 2012. To obtain this information go to: <http://www.dhcs.ca.gov/provgovpart/pos/Pages/default.aspx>

Purpose and Overview

This county aggregate report provides updated information on the initial indicators that were developed for the Performance Outcomes System. DHCS plans to move to annual reporting of this data for the Performance Outcomes System.

The first series of charts and tables focus on the demographics of Foster Care case children and youth under 21 who are receiving SMHS' based on approved claims for Medi-Cal eligible beneficiaries. Specifically, this includes demographics tables of this population by age, gender, and race/ethnicity. Two types of penetration information are provided. Both penetration rates tables are also broken out by demographic characteristics. Utilization of services data are shown in terms of dollars, as well as by service, in time increments. The snapshot table provides a point-in-time view of children/youth arriving, exiting, and continuing services over a two-year period. The time to step down table provides a view over the past four years of the time to step-down services following inpatient discharge.

Where possible, the reports provide trend information by displaying information for four Fiscal Years (FY). A FY is from July 1st to June 30th. For all of the measures and indicators included in this report, the denominator is the "Unique Count of Children and Youth receiving SMHS" shown on page 3 of the report and is broken out by state FY.

Utilization of services reports are shown in terms of dollars, as well as by service in time increments. The snapshot report provides a point-in-time view of children arriving, exiting, and continuing services over a two-year period. The final report provides a view over the past four years of the time to step-down services (i.e., time to next contact after an inpatient discharge). **Note:** *The time to step-down report has a change in methodology from the first report produced in February 2015. In the initial report only outpatient services provided at least one day after the inpatient discharge were included in the calculations. On subsequent reports any outpatient service that occurs on or after the inpatient discharge is included in the analysis.*

Definitions

Population: Foster Care beneficiaries with approved services adjudicated through the Short Doyle/Medi-Cal II claiming system that were:

- Age 20 or younger during the approved date of service on the claim.

Data Sources:

- Short-Doyle/Medi-Cal II (SD/MC II) claims with dates of service in FY 12/13 through FY 15/16.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 12/13 through FY15/16.
- Child Welfare Services/Case Management System (CWS/CMS) data for children in FY 12/13 through FY 15/16.

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Additional Information

The **Measures Catalog** is the companion document for these reports and provides the methodology and definitions for the measures. Each measure is defined and the numerator and denominator used to develop the metrics are provided with relevant notes and additional references. The Measures Catalog may be found at:

<http://www.dhcs.ca.gov/provgovpart/pos/Pages/Performance-Outcomes-System-Reports-and-Measures-Catalog.aspx>

Note on Privacy:

The Health Insurance Portability and Accountability Act (HIPAA) and Code of Federal Regulations (CFR) 42 rules protect most individually identifiable health information in any form or medium, whether electronic, on paper, or oral. DHCS has strict rules in place to protect the identification of individuals in public reports. A "Public Aggregate Reporting – DHCS Business Reports" process has been established to maintain confidentiality of client Personal Information. The Performance Outcomes System complies with Federal and State privacy laws. Thus, the POS must appropriately and accurately de-identify data for public reporting. Due to privacy concerns, some cells in this report may have been suppressed to comply with state and federal rules. When necessary, this data is represented as follows: 1) Data that is missing is indicated as "-" 2) Data that has been suppressed due to privacy concerns is indicated as "^".

*Population-based report findings may be interpreted alongside the POS statewide report findings.

*The **penetration rates** reported here were calculated using a different methodology than that used by the External Quality Review Organization (EQRO). The differences in methodology make comparison between the POS penetration rates and the EQRO penetration rates not appropriate or useful. The POS methodology for calculating penetration rates was selected because it is easier to compute, more straightforward to interpret, and is in use by other states and counties. For the POS, the penetration rate is calculated by taking the total number of youth who received X number of SMHS (1 or 5 for POS) in a FY and dividing that by the total number of Medi-Cal eligible youth for that FY. This methodology results in lower penetration rates as compared to the EQRO rates, but it does so across the board so that all counties and the state will be similarly impacted.

*The **snapshot** report provides a point-in-time look at children and youth's movement through the SMHS system. The report uses five general categories to classify if a youth is entering, exiting, continuing services, or a combination of these categories (e.g., arriving and exiting). Eventually the snapshot data will be used along with measures of service effectiveness to identify whether youth are improving as a result of receiving services from the time they first arrived in the system to when they exit the system. This methodology was adapted from the California Mental Health and Substance Use System Needs Assessment (2012). More information on the original methodology can be found here:

<http://www.dhcs.ca.gov/provgovpart/pos/Pages/Performance-Outcomes-System-Reports-and-Measures-Catalog.aspx>

*The psychiatric emergency services/hospital data reported on in the **time to step-down services** report includes data from Short Doyle/Medi-Cal II claims data and fee-for-service data. In the future this report will incorporate other outpatient and inpatient Medi-Cal SMHS' billed through the Managed Care healthcare delivery systems. Currently, the number of days is capped at 365 days (to mitigate the impact of extreme statistical anomalies) when calculating the mean and max for time between discharge and step down service. This methodology will be updated in the next reporting cycle. Additionally, county specific and population-based reports are based off of the county of the hospital the patient is discharged from and whom has been attributed the time to next service in days used in the calculations for this indicator.

***Data Source Methodology:** Demographic & Penetration and Snapshot - based on MEDS data; Utilization - based on Claims Submission data; Time to step-down - based on Inpatient Hospital data.

***Open Child Welfare:** Children/youth who are provided child welfare services either while living in their home, or while living out-of-home in a foster care setting. Excludes children: placed in California under the jurisdiction of another state (incoming interstate Compact on the Placement of Children (ICPC)) and who are placed with non-dependent guardians.

***Foster Care Placement:** Children/youth who are removed from their home by a child placement agency, including county child welfare services and probation departments and placed in a foster care setting. Excludes children: placed in California under the jurisdiction of another state (incoming interstate Compact on the Placement of Children (ICPC)) and who are placed with non-dependent legal guardians.

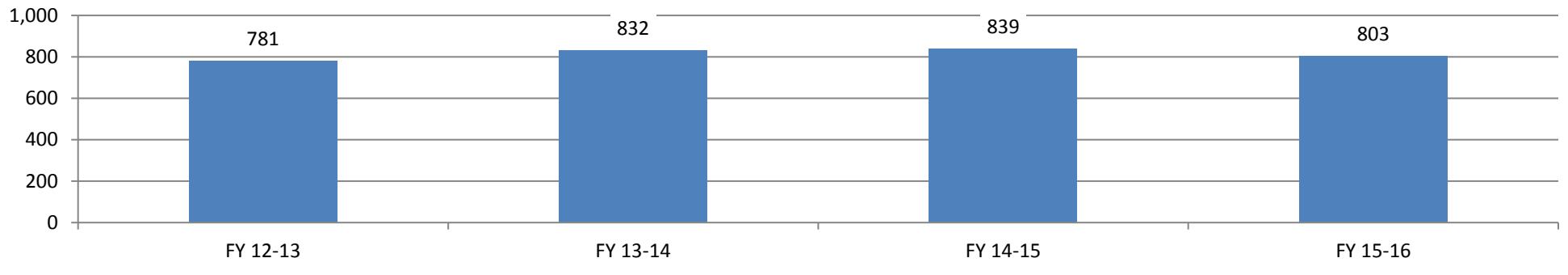
Please contact cmhpos@dhcs.ca.gov for any questions regarding this report.

Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year

Contra Costa County as of August 9, 2017

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Foster Care Youth in Medi-Cal	Year-Over-Year Percentage Change
FY 12-13	781		1,569	
FY 13-14	832	6.5%	1,678	6.9%
FY 14-15	839	0.8%	1,755	4.6%
FY 15-16	803	-4.3%	1,669	-4.9%
Compound Annual Growth Rate SFY**		0.9%		2.1%

Unique Count of Children and Youth Receiving SMHS



*SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

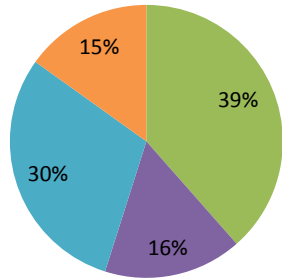
**SFY = State Fiscal Year which is July 1 through June 30.

Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year
 Contra Costa County as of August 9, 2017

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 12-13	301	38.5%	128	16.4%	234	30.0%	118	15.1%
FY 13-14	316	38.0%	155	18.6%	225	27.0%	136	16.3%
FY 14-15	327	39.0%	163	19.4%	220	26.2%	129	15.4%
FY 15-16	319	39.7%	162	20.2%	222	27.6%	100	12.5%

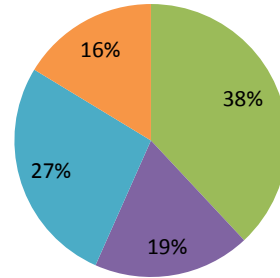
Fiscal Year 12-13 Race Distribution

■ Black ■ Hispanic ■ White ■ Other



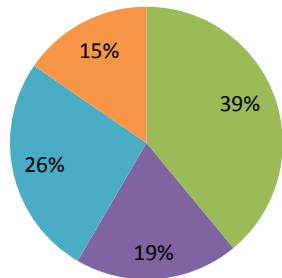
Fiscal Year 13-14 Race Distribution

■ Black ■ Hispanic ■ White ■ Other



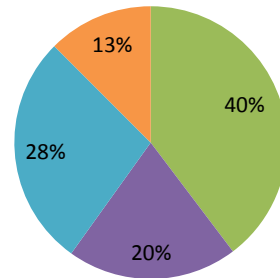
Fiscal Year 14-15 Race Distribution

■ Black ■ Hispanic ■ White ■ Other



Fiscal Year 15-16 Race Distribution

■ Black ■ Hispanic ■ White ■ Other

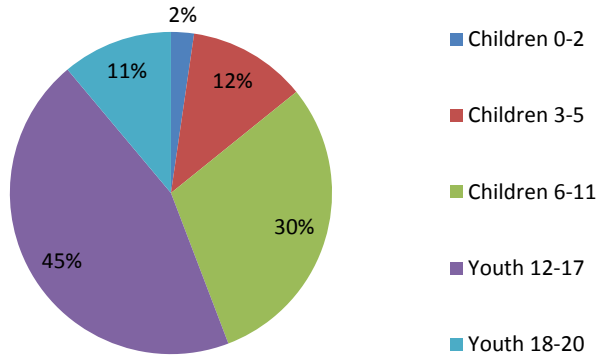


Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

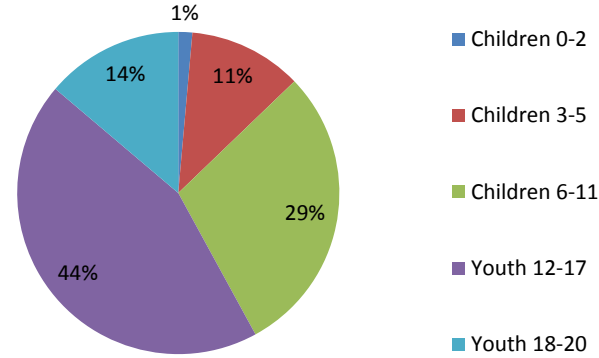
Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year
 Contra Costa County as of August 9, 2017

Fiscal Year	Children 0-2 Count	Children 0-2 %	Children 3-5 Count	Children 3-5 %	Children 6-11 Count	Children 6-11 %	Youth 12-17 Count	Youth 12-17 %	Youth 18-20 Count	Youth 18-20 %
FY 12-13	18	2.3%	93	11.9%	234	30.0%	349	44.7%	87	11.1%
FY 13-14	12	1.4%	95	11.4%	243	29.2%	367	44.1%	115	13.8%
FY 14-15	33	3.9%	109	13.0%	262	31.2%	320	38.1%	115	13.7%
FY 15-16	60	7.5%	114	14.2%	248	30.9%	292	36.4%	89	11.1%

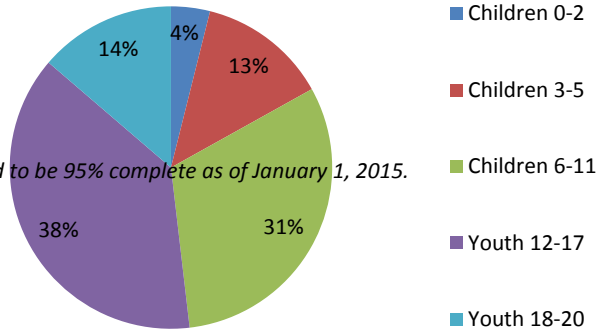
Fiscal Year 12-13 Age Group Distribution



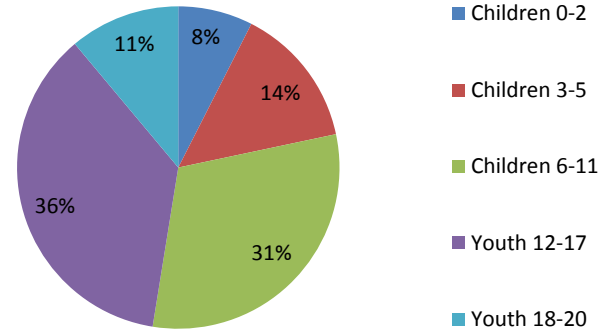
Fiscal Year 13-14 Age Group Distribution



Fiscal Year 14-15 Age Group Distribution



Fiscal Year 15-16 Age Group Distribution



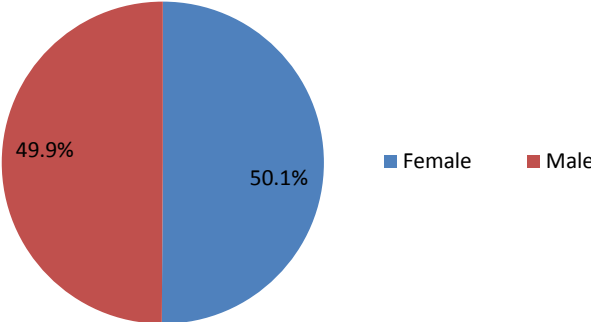
*FY 13-14 claims are estimated to be 95% complete as of January 1, 2015.

Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year

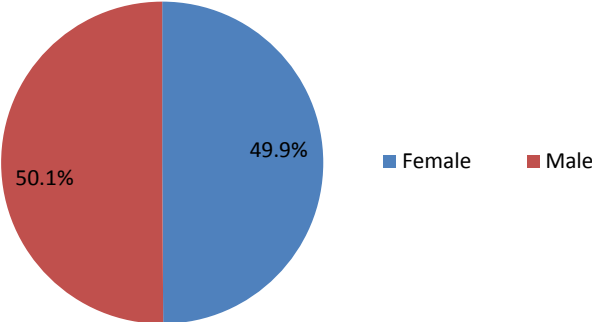
Contra Costa County as of August 9, 2017

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 12-13	391	50.1%	390	49.9%
FY 13-14	415	49.9%	417	50.1%
FY 14-15	419	49.9%	420	50.1%
FY 15-16	420	52.3%	383	47.7%

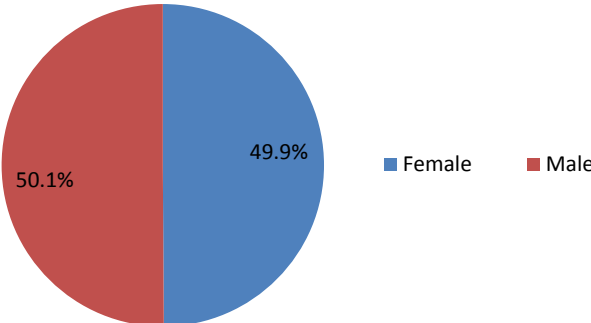
Fiscal Year 12-13 Gender Distribution



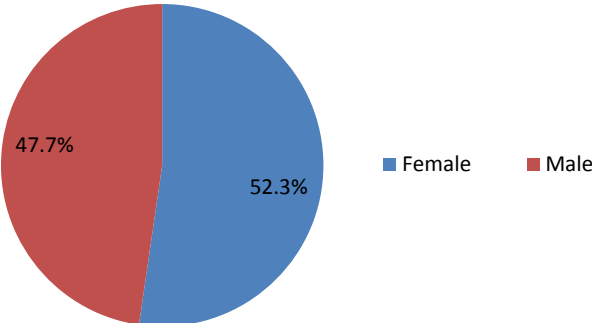
Fiscal Year 13-14 Gender Distribution



Fiscal Year 14-15 Gender Distribution



Fiscal Year 15-16 Gender Distribution

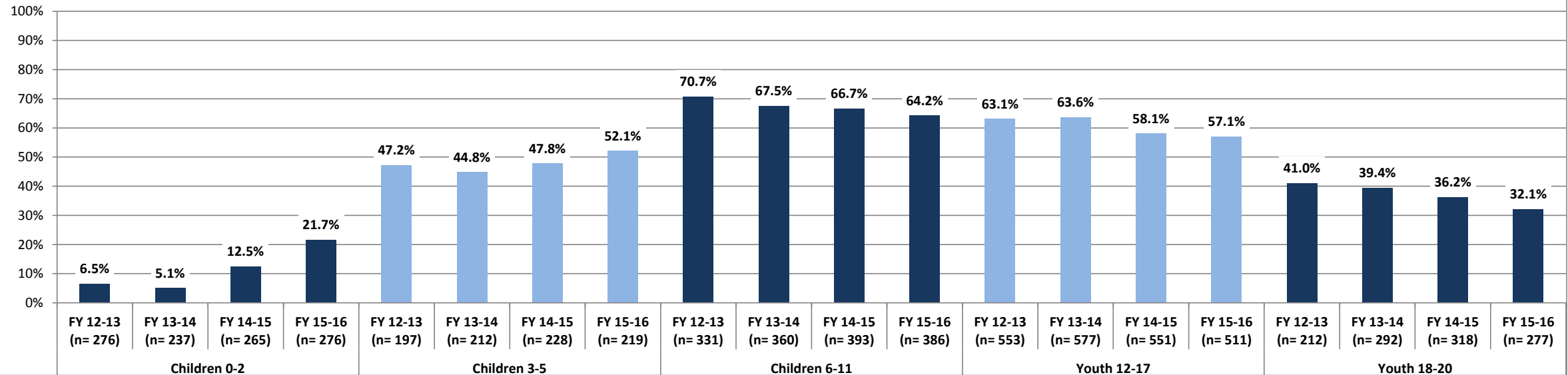


Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit**
 Contra Costa County as of August 9, 2017

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate
All	781	1,569	49.8%	832	1,678	49.6%	839	1,755	47.8%	803	1,669	48.1%
Children 0-2	18	276	6.5%	12	237	5.1%	33	265	12.5%	60	276	21.7%
Children 3-5	93	197	47.2%	95	212	44.8%	109	228	47.8%	114	219	52.1%
Children 6-11	234	331	70.7%	243	360	67.5%	262	393	66.7%	248	386	64.2%
Youth 12-17	349	553	63.1%	367	577	63.6%	320	551	58.1%	292	511	57.1%
Youth 18-20	87	212	41.0%	115	292	39.4%	115	318	36.2%	89	277	32.1%
Black	301	566	53.2%	316	605	52.2%	327	680	48.1%	319	608	52.5%
Hispanic	128	285	44.9%	155	325	47.7%	163	348	46.8%	162	381	42.5%
White	234	467	50.1%	225	472	47.7%	220	458	48.0%	222	451	49.2%
Other	118	251	47.0%	136	276	49.3%	129	269	48.0%	100	229	43.7%
Female	391	723	54.1%	415	799	51.9%	419	821	51.0%	420	809	51.9%
Male	390	846	46.1%	417	879	47.4%	420	934	45.0%	383	860	44.5%

Penetration Rates by Age

Children and Youth in Foster Care With At Least One SMHS Visit, By Fiscal Year**



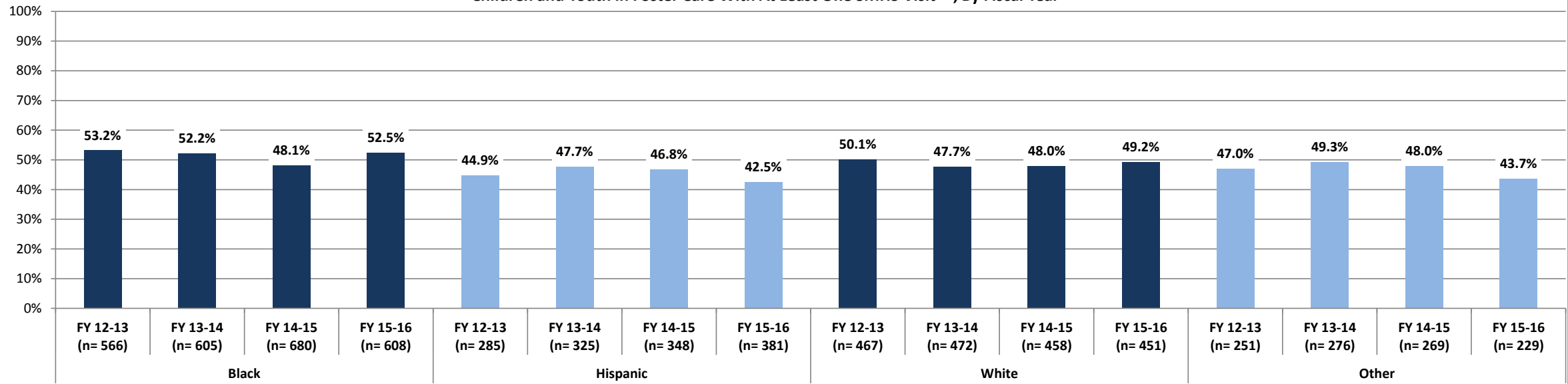
*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care sy.

**Children and Youth in Foster Care that have received at least one SMHS in the Fiscal Year.

Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit**
 Contra Costa County as of August 9, 2017

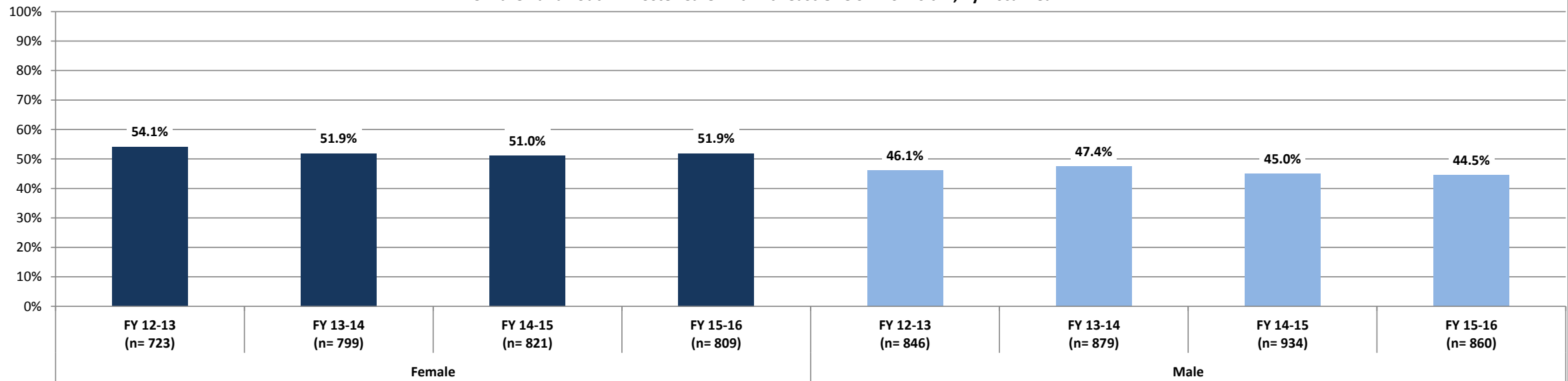
Penetration Rates by Race

Children and Youth in Foster Care With At Least One SMHS Visit, By Fiscal Year**



Penetration Rates by Gender

Children and Youth in Foster Care With At Least One SMHS Visit, By Fiscal Year**

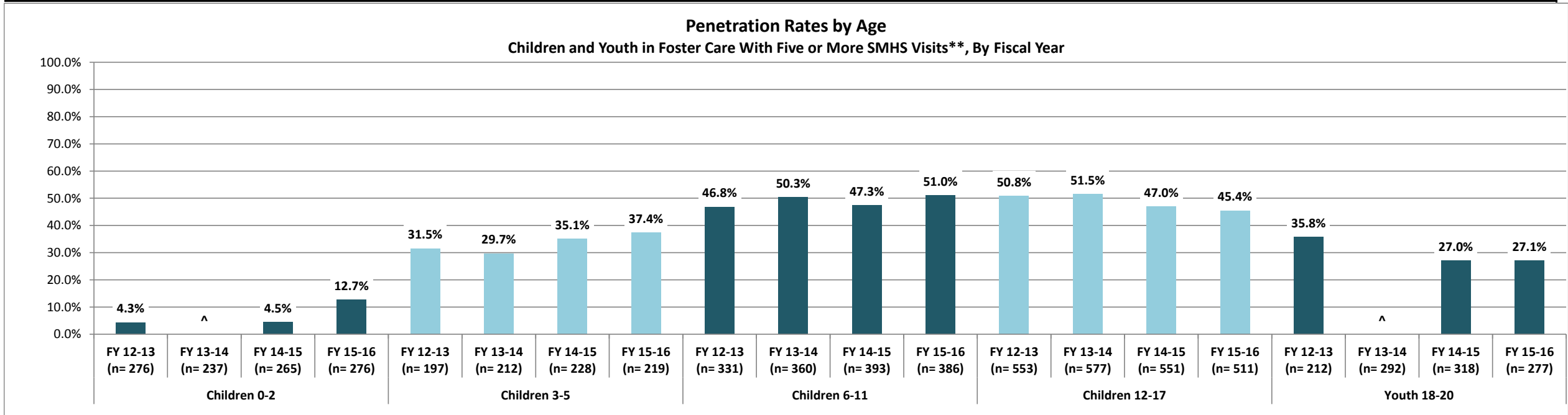


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**Children and Youth in Foster Care that have received at least one SMHS in the Fiscal Year.

*** Report: Children and Youth in Foster Care with Five or More SMHS Visits****
 Contra Costa County as of August 9, 2017

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate
All	586	1,569	37.3%	638	1,678	38.0%	623	1,755	35.5%	621	1,669	37.2%
Children 0-2	12	276	4.3%	^	237	^	12	265	4.5%	35	276	12.7%
Children 3-5	62	197	31.5%	63	212	29.7%	80	228	35.1%	82	219	37.4%
Children 6-11	155	331	46.8%	181	360	50.3%	186	393	47.3%	197	386	51.0%
Children 12-17	281	553	50.8%	297	577	51.5%	259	551	47.0%	232	511	45.4%
Youth 18-20	76	212	35.8%	^	292	^	86	318	27.0%	75	277	27.1%
Black	226	566	39.9%	238	605	39.3%	251	680	36.9%	251	608	41.3%
Hispanic	87	285	30.5%	113	325	34.8%	111	348	31.9%	122	381	32.0%
White	176	467	37.7%	177	472	37.5%	167	458	36.5%	174	451	38.6%
Other	97	251	38.6%	110	276	39.9%	94	269	34.9%	74	229	32.3%
Female	286	723	39.6%	325	799	40.7%	312	821	38.0%	336	809	41.5%
Male	300	846	35.5%	313	879	35.6%	311	934	33.3%	285	860	33.1%

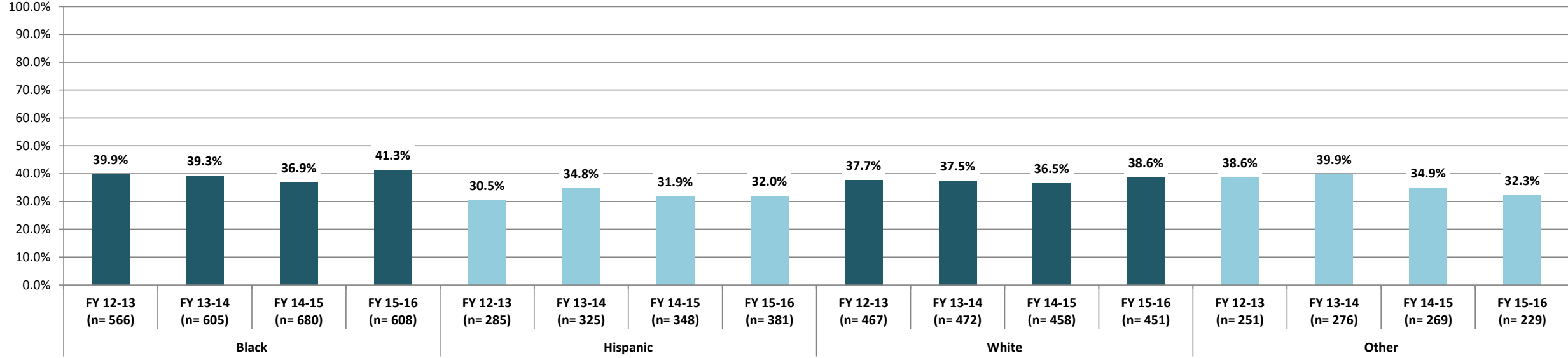


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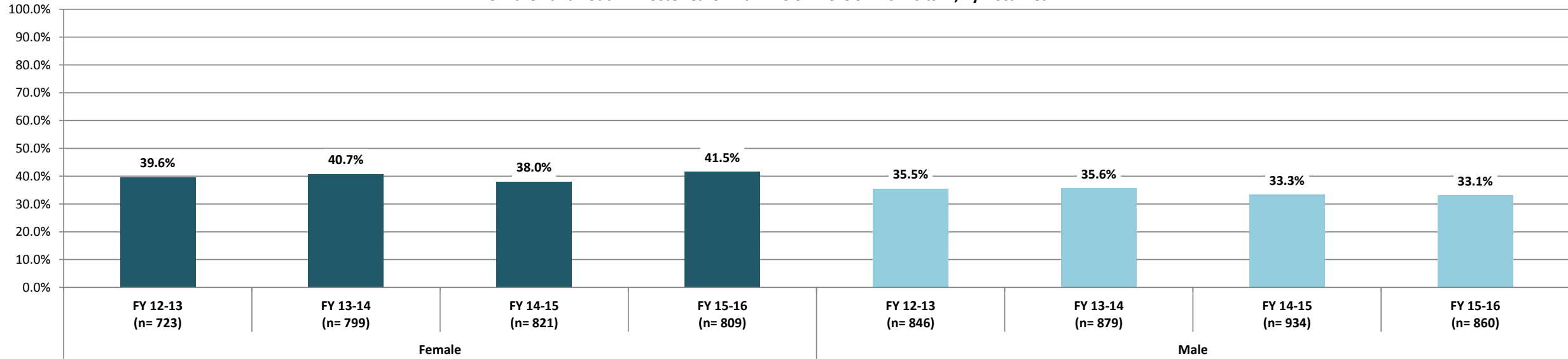
**Children and Youth in Foster Care that have received at least five SMHS in the Fiscal Year.

^ Data has been suppressed to protect patient privacy.

Penetration Rates by Race
 Children and Youth in Foster Care With Five or More SMHS Visits**, By Fiscal Year



Penetration Rates by Gender
 Children and Youth in Foster Care With Five or More SMHS Visits**, By Fiscal Year

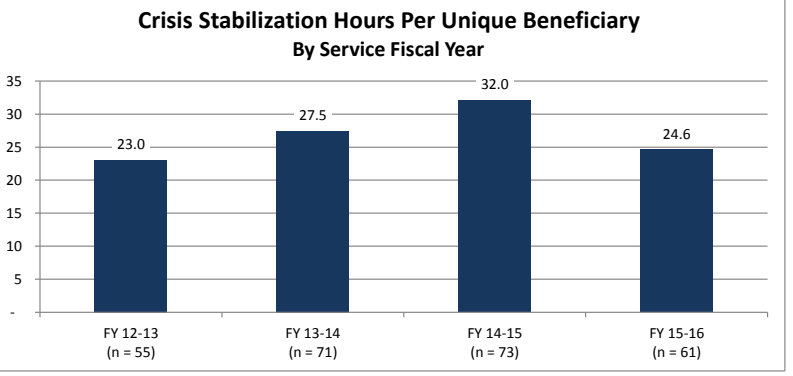
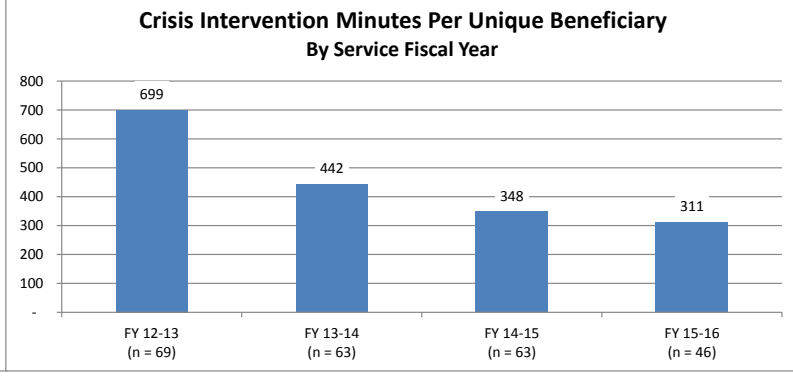
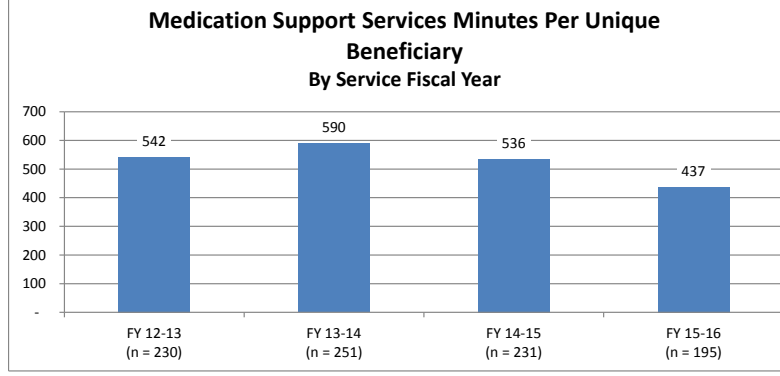
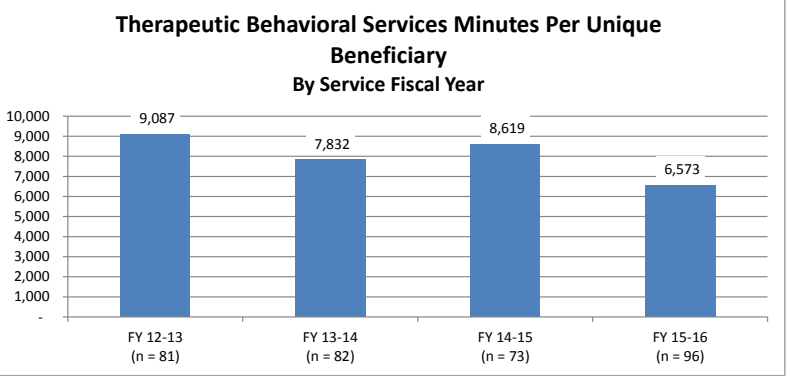
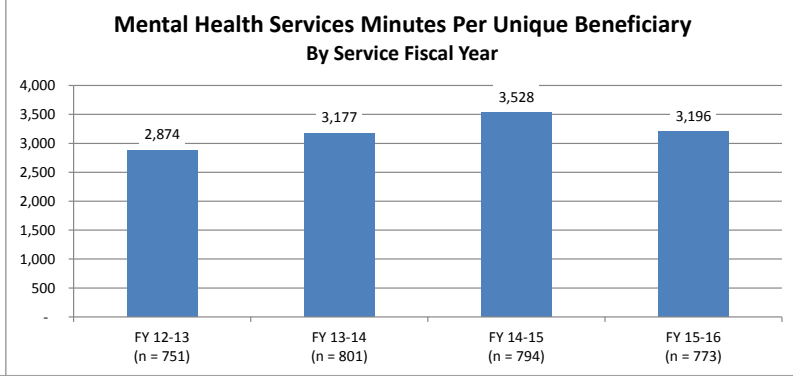
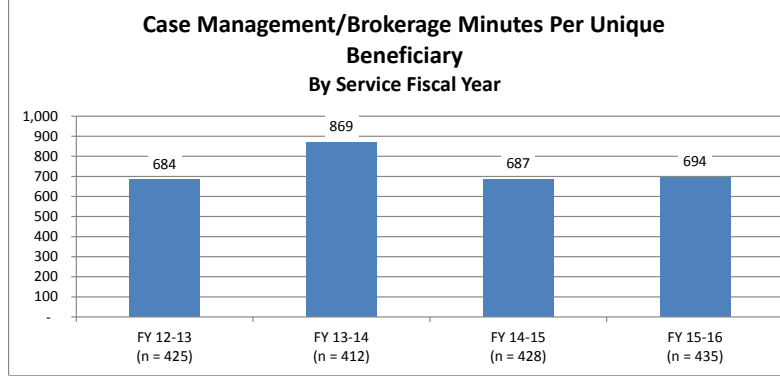
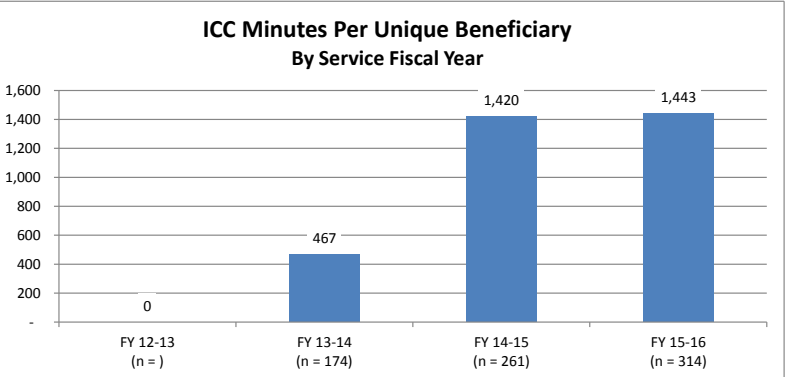
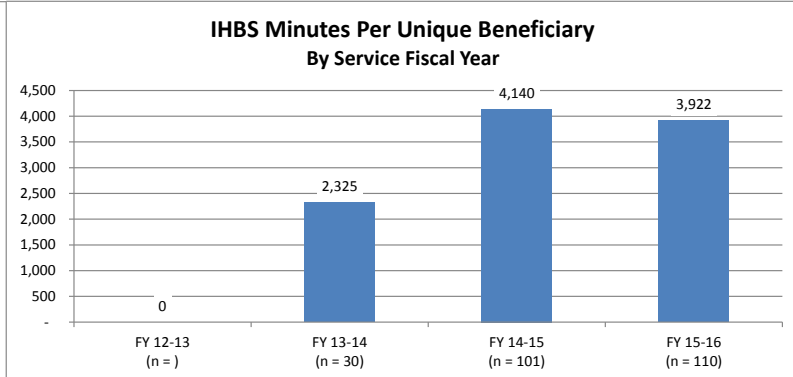
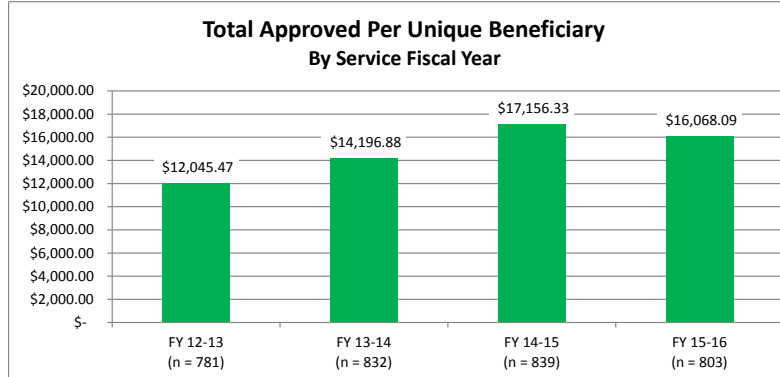


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Children and Youth in Foster Care that have received at least five SMHS in the Fiscal Year.

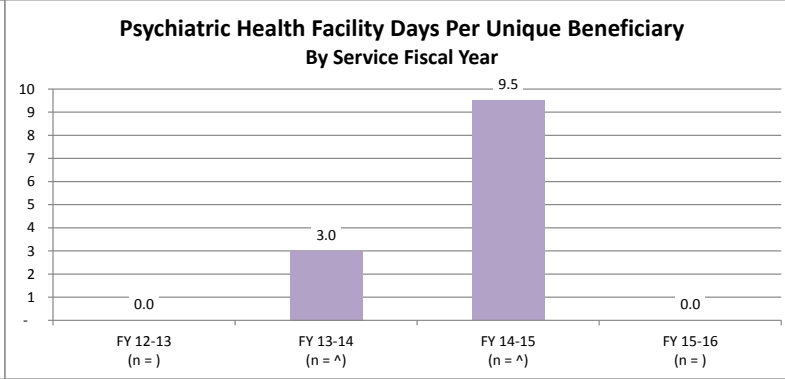
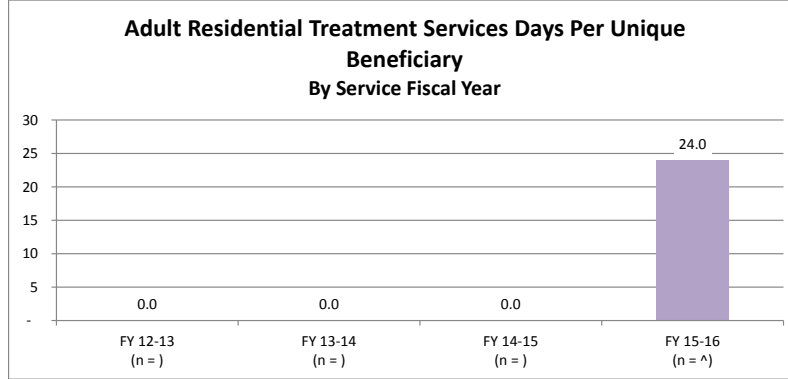
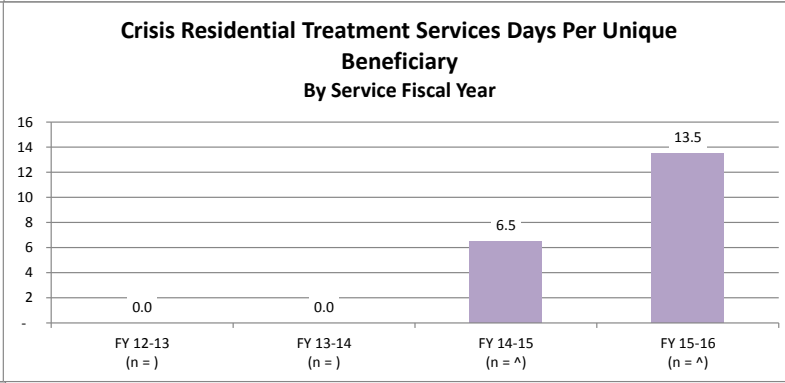
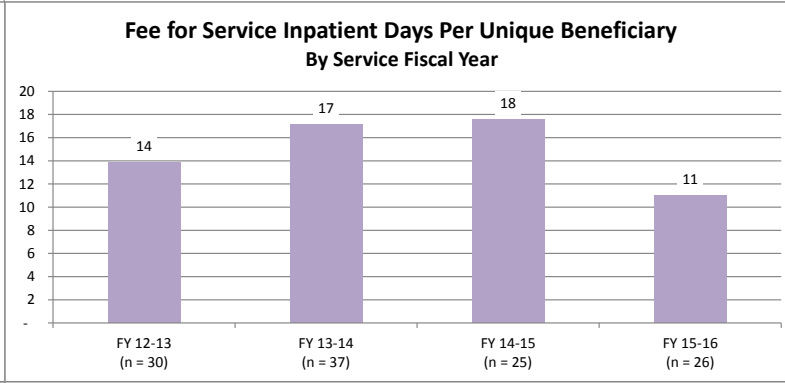
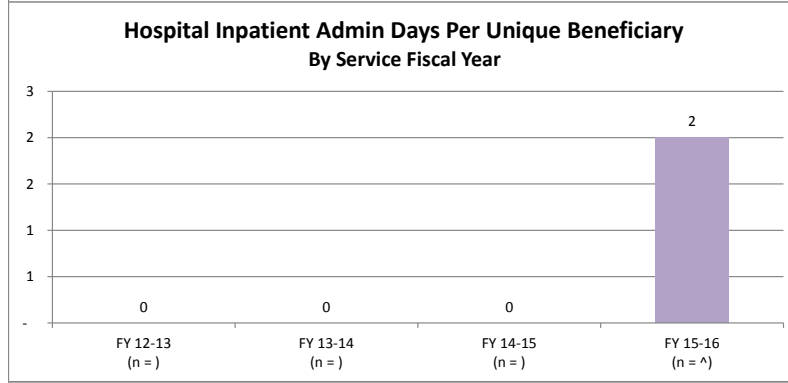
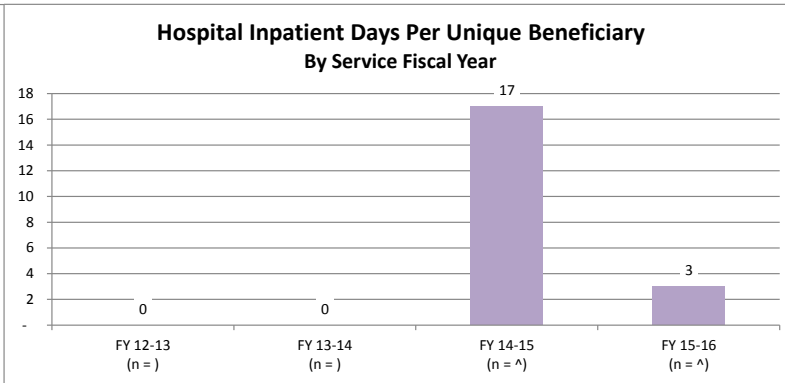
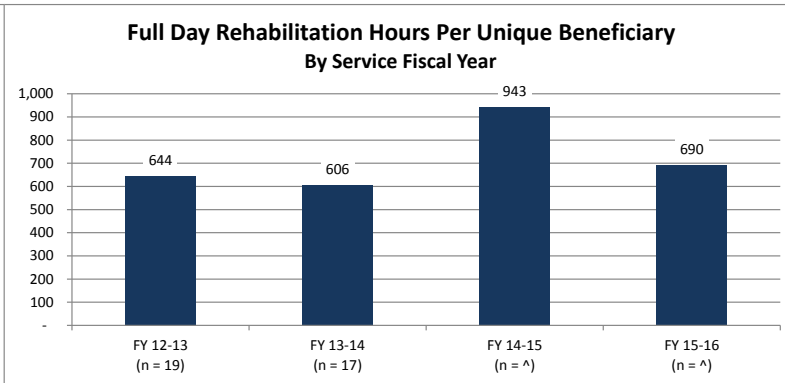
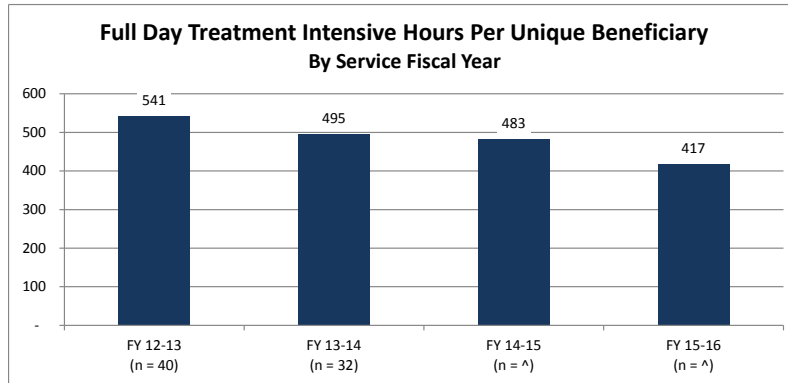
Utilization Report*: Approved Specialty Mental Health Services for Children/Youth in Foster Care
Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year
 Contra Costa County as of August 9, 2017

Fiscal Year	SDMC Total Approved	IHBS (Minutes)	ICC (Minutes)	Case Management/Brokerage (Minutes)	Mental Health Services (Minutes)	Therapeutic Behavioral Services (Minutes)	Medication Support Services (Minutes)	Crisis Intervention (Minutes)	Crisis Stabilization (Hours)	Full Day Treatment Intensive (Hours)	Full Day Rehabilitation (Hours)	Hospital Inpatient (Days)	Hospital Inpatient Admin (Days)	Fee for Service Inpatient (Days)	Crisis Residential Treatment Services (Days)	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 12-13	\$ 12,045.47	0	0	684	2,874	9,087	542	699	23	541	644	0	0	14	0	0	0
FY 13-14	\$ 14,196.88	2,325	467	869	3,177	7,832	590	442	27	495	606	0	0	17	0	0	3
FY 14-15	\$ 17,156.33	4,140	1,420	687	3,528	8,619	536	348	32	483	943	17	0	18	7	0	10
FY 15-16	\$ 16,068.09	3,922	1,443	694	3,196	6,573	437	311	25	417	690	3	2	11	14	24	0
MEAN	\$ 14,866.69	3,462	1,110	733	3,194	8,027	526	450	27	484	721	10	2	15	10	24	6



*The graphs are color coded so that those reported in the same unit of analysis (e.g., minutes) are colored similarly. Please note that (n) values listed at the bottom of each bar graph represent the actual number of children/youth that received the SMHS represented in their respective graph by Fiscal Year.

Utilization Report*: Approved Specialty Mental Health Services for Children/Youth in Foster Care
Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year
 Contra Costa County as of August 9, 2017



*The graphs are color coded so that those reported in the same unit of analysis (e.g., minutes) are colored similarly.

Please note that (n) values listed at the bottom of each bar graph represent the actual number of children/youth that received the SMHS represented in their respective graph by Fiscal Year.

^ Data has been suppressed to protect patient privacy.

Snapshot Report: Unique Count of Children and Youth in Foster Care Receiving SMHS

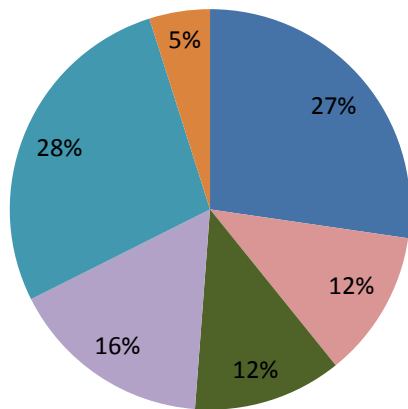
Arriving, Exiting, and with Service Continuance by Fiscal Year

Contra Costa County as of August 9, 2017

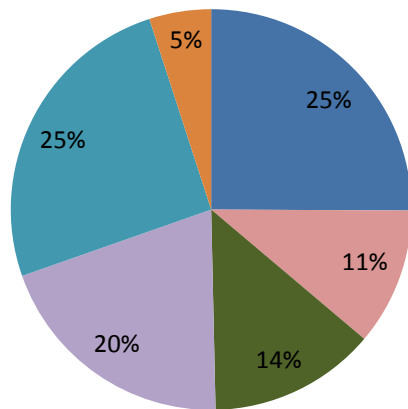
Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Children/Youth that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Children/Youth receiving continuous services with no breaks in service greater than 90 days for a period of at least 2 years (≥ 2 YR) or a period of 1 to 2 years (< 2 YR).
Exiting	Children/Youth that did not receive any SMHS within 3 months after their last date of service in the Fiscal Year.
Arriving & Exiting	A distinct category in which children/youth met both the criteria for Arrivals and Exiting above for the fiscal year.
Service Continuance & Exiting	A distinct category in which Children/Youth had at least 2 years of Service Continuance going into the Fiscal Year and then Exited within the same Fiscal Year.

Service Fiscal Year	Arrivals Count	Arrivals %	Service Continuance (≥ 2 YR) Count	Service Continuance (≥ 2 YR) %	Service Continuance (< 2 YR) Count	Service Continuance (< 2 YR) %	Exiting Count	Exiting %	Arriving & Exiting Count	Arriving & Exiting %	Service Continuance (≥ 2 YR) & Exiting Count	Service Continuance (≥ 2 YR) and Exiting %	Total Count	Total %
FY 12-13	213	27.3%	93	11.9%	94	12.0%	128	16.4%	215	27.5%	38	4.9%	781	100%
FY 13-14	209	25.1%	92	11.1%	112	13.5%	166	20.0%	211	25.4%	42	5.0%	832	100%
FY 14-15	159	19.0%	101	12.0%	108	12.9%	177	21.1%	251	29.9%	43	5.1%	839	100%
FY 15-16	237	29.5%	112	13.9%	87	10.8%	126	15.7%	204	25.4%	37	4.6%	803	100%

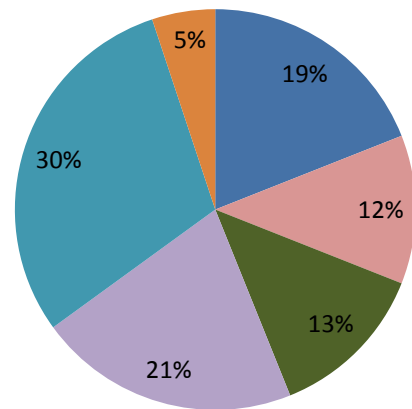
Fiscal Year 12-13 Arrivals, Service Continuance, & Exits Distribution



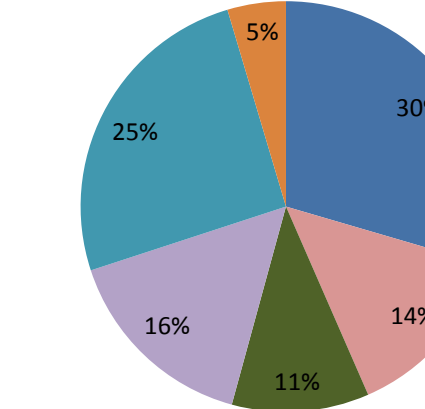
Fiscal Year 13-14 Arrivals, Service Continuance, & Exits Distribution



Fiscal Year 14-15 Arrivals, Service Continuance, & Exits Distribution



Fiscal Year 15-16 Arrivals, Service Continuance, & Exits Distribution



- Arrivals
- Service Continuance (≥ 2 YR)
- Service Continuance (< 2 YR)
- Exiting
- Arriving & Exiting
- Service Continuance (≥ 2 YR) & Exiting

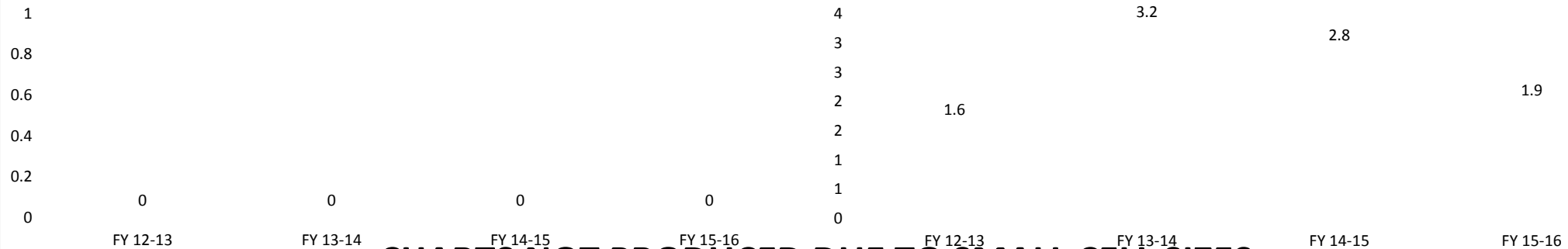
Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge*

Contra Costa County as of August 9, 2017

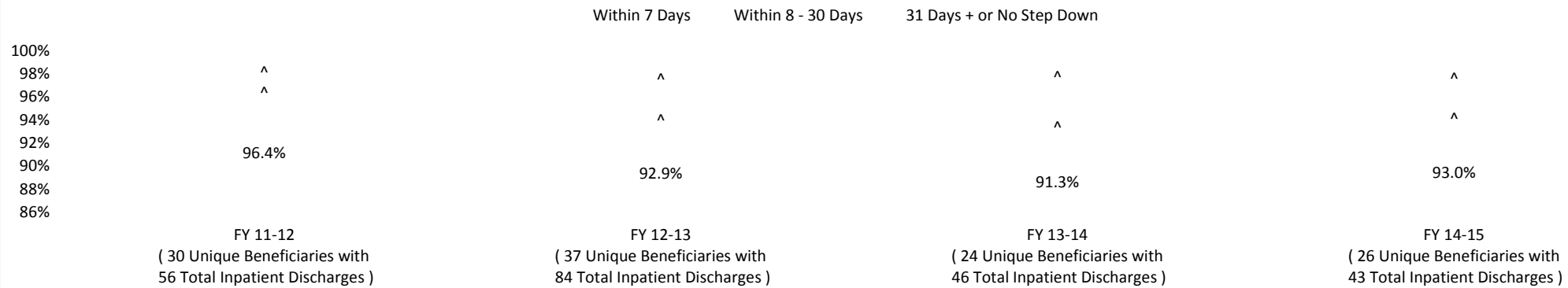
Service FY	Count of Inpatient Discharges with Step Down within 7 Days of Discharge	Percentage of Inpatient Discharges with Step Down within 7 Days of Discharge	Count of Inpatient Discharges with Step Down between 8 and 30 days of Discharge	Percentage of Inpatient Discharges with Step Down between 8 and 30 days of Discharge	Count of Beneficiaries with a Step Down > 30 Days from Discharge or No Step Down*	Percentage of Beneficiaries with a Step Down > 30 Days from Discharge or No Step Down*	Minimum Number of Days between Discharge and Step Down	Maximum Number of Days between Discharge and Step Down	Mean Time to Next Contact Post Inpatient Discharge (Days)	Median Time to Next Contact Post Inpatient Discharge (Days)
FY 12-13	54	96.4%	^	^	^	^	0	70	1.6	0
FY 13-14	78	92.9%	^	^	^	^	0	158	3.2	0
FY 14-15	42	91.3%	^	^	^	^	0	78	2.8	0
FY 15-16	40	93.0%	^	^	^	^	0	40	1.9	0

Median Time Between Inpatient Discharge and Step Down Service in Days

Mean Time Between Inpatient Discharge and Step Down Service in Days



CHARTS NOT PRODUCED DUE TO SMALL CELL SIZES. Percentage of Discharges by Time Between Inpatient Discharge and Step Down Service



* **No Step Down** is defined as no Medi-Cal eligible service was claimed through Short-Doyle/Medi-Cal after a claimed inpatient service was billed with a discharge date. This category may include data currently unavailable to DHCS, such as beneficiaries that were moved to a community-based program or beneficiaries that were incarcerated.

^ Data has been suppressed to protect patient privacy.