Performance Outcomes System Children/Youth in Foster Care Report
Report run on June 8, 2018

Background

Three reports will be created during each new reporting period. The reports that will be produced are as follows: statewide-aggregate data, population-based county groupings, and county-specific reports where possible. 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 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. Penetration and engagement rate data 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 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 or Open Child Welfare 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 13/14 through FY 16/17.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 13/14 through FY16/17.
- Child Welfare Services/Case Management System (CWS/CMS) data for children in FY 13/14 through FY 16/17.

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/services/MH/Documents/POS_MeasuresCatalog_Sept2016.pdf

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 "^".

Report Interpretation

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

***New Age Methodology** for Identifying Children under 21 (POS reports posted **after** 7/1/17): Beneficiaries that were under the age of 21 for the entire fiscal year (their age was less than 21 as of June 30th of the reported fiscal year).

*The **penetration rates** reported here were calculated using a different methodology than that used by the External Quality Review Organization (EQRO). For the POS, the penetration rate is calculated by taking the total number ofyouth who received one or more SMHS' 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. Penetration rates provide a measure of initial contact with the specialty mental health system.

*The **engagement rates** are calculated similarly to penetration rates but are intended to measure ongoing engagement with the specialty mental health system. The engagement rate is calculated by taking the total number of youth who received five or more SMHS' in a FY and dividing that by the total number of Medi-Cal eligible youth for that FY.

*The **snapshot** report provides a point-in-time look at children and youth's movement through the SMHS system. The report uses six 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/services/MH/Documents/POS_MeasuresCatalog_Sept2016.pdf

*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 re port 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 beneficiary's county of Medi-Cal responsibility during the eligibility month when the inpatient service occurred.

***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.

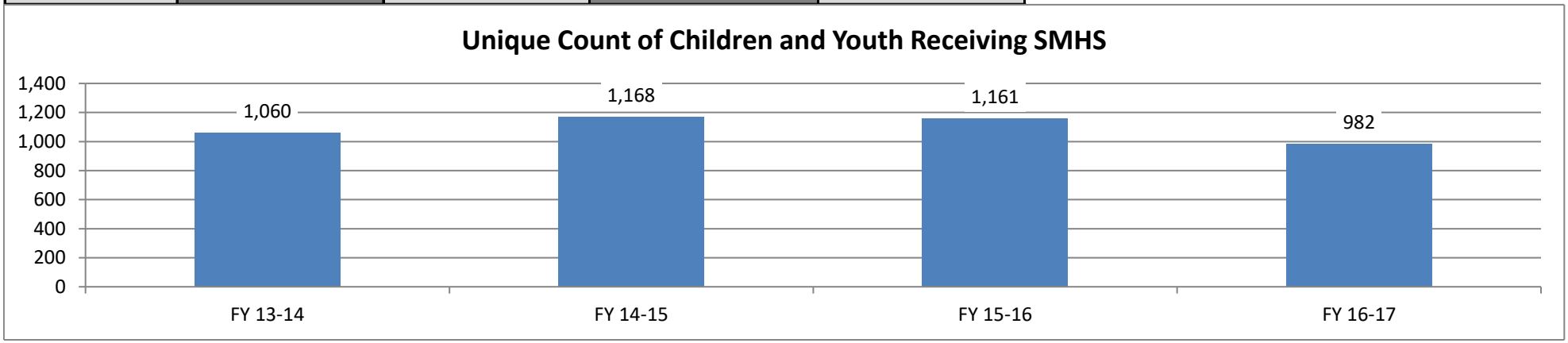
***Foster Care Placement:** Children/youth who are removed from their home by a child placement agency, including county child welfare services and probation departments and placed in a foster care setting. Excludes children: placed in California under the jurisdiction of another state (incoming interstate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

Santa Clara County as of June 8, 2018

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 13-14	1,060		1,976	
FY 14-15	1,168	10.2%	1,976	0.0%
FY 15-16	1,161	-0.6%	1,941	-1.8%
FY 16-17	982	-15.4%	1,728	-11.0%
Compound Annual Growth Rate SFY**		**-2.5%**		**-4.4%**



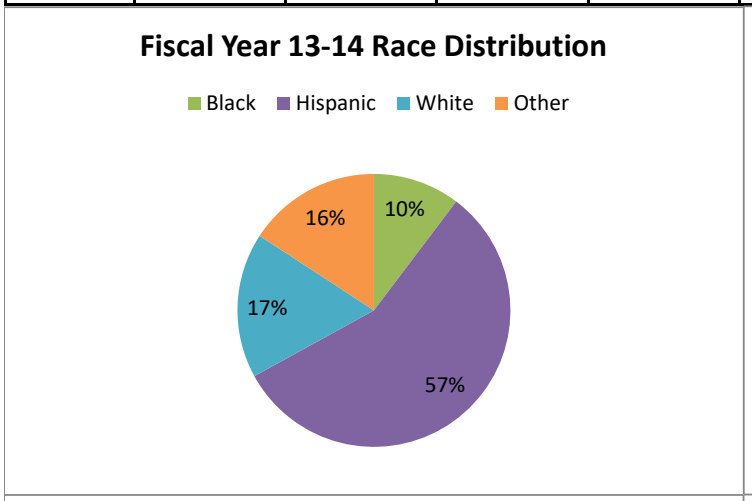
**SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.*

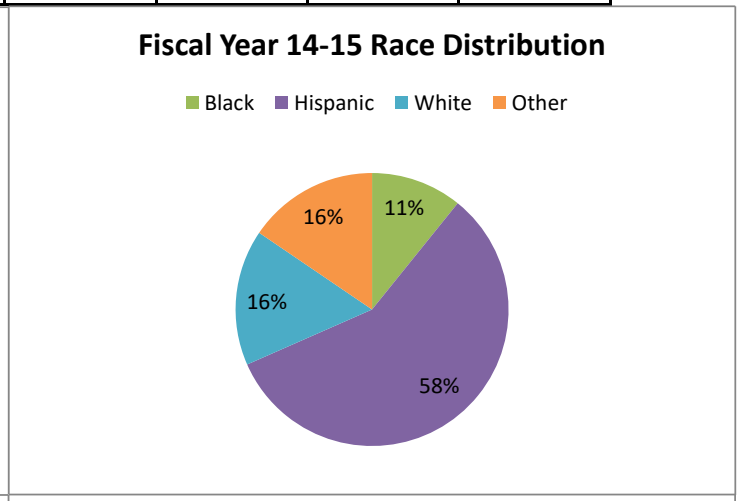
***SFY = State Fiscal Year which is July 1 through June 30.*

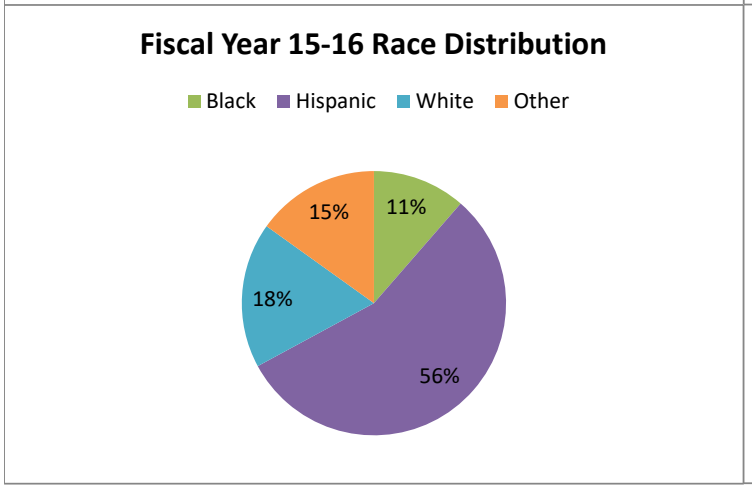
Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year

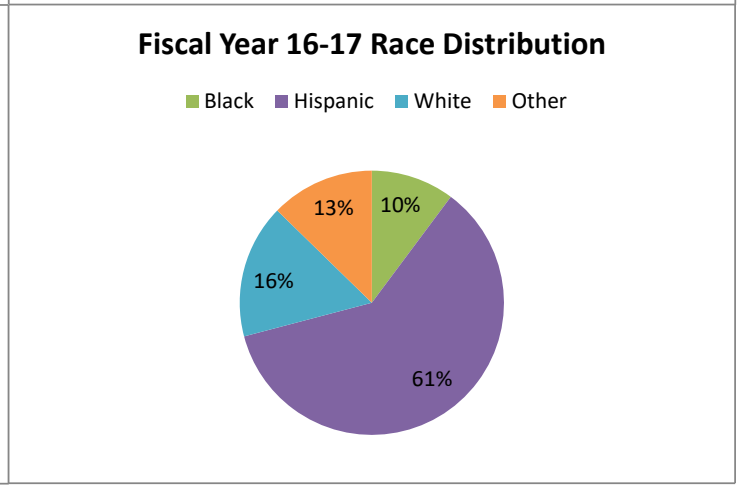
Santa Clara County as of June 8, 2018

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	109	10.3%	601	56.7%	182	17.2%	168	15.8%
FY 14-15	126	10.8%	673	57.6%	188	16.1%	181	15.5%
FY 15-16	132	11.4%	647	55.7%	207	17.8%	175	15.1%
FY 16-17	100	10.2%	596	60.7%	161	16.4%	125	12.7%









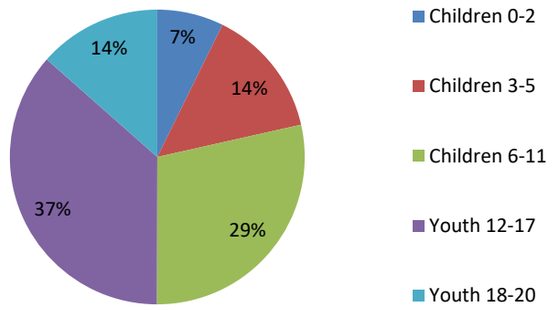
Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

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

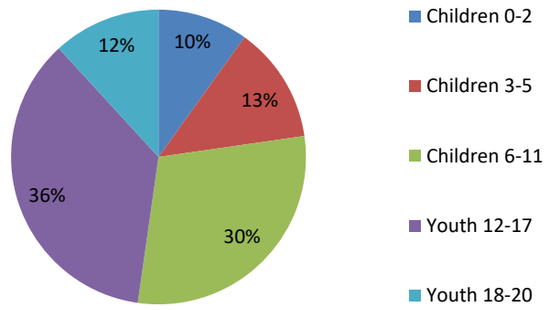
Santa Clara County as of June 8, 2018

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 13-14	77	7.3%	150	14.2%	303	28.6%	387	36.5%	143	13.5%
FY 14-15	116	9.9%	150	12.8%	345	29.5%	419	35.9%	138	11.8%
FY 15-16	107	9.2%	166	14.3%	345	29.7%	388	33.4%	155	13.4%
FY 16-17	80	8.1%	133	13.5%	279	28.4%	339	34.5%	151	15.4%

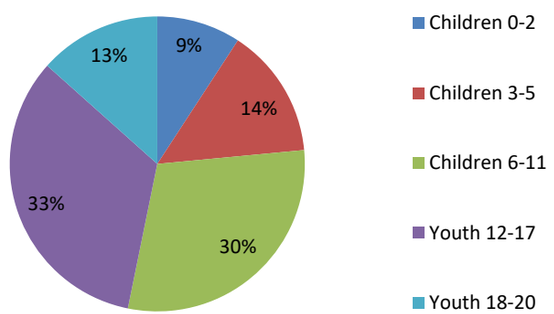
Fiscal Year 13-14 Age Group Distribution



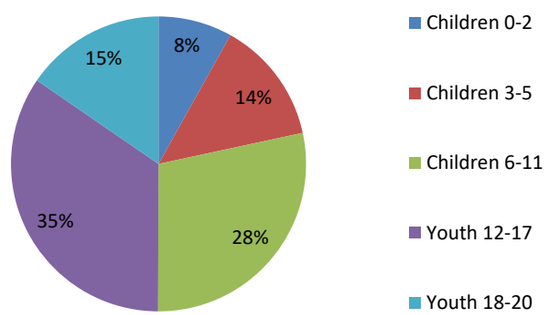
Fiscal Year 14-15 Age Group Distribution



Fiscal Year 15-16 Age Group Distribution



Fiscal Year 16-17 Age Group Distribution

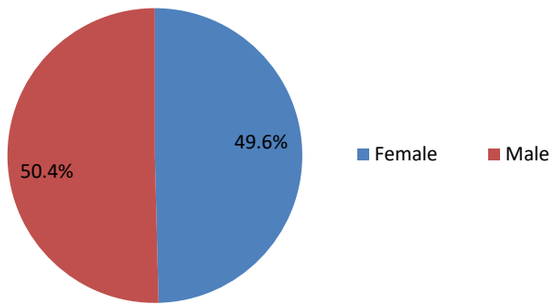


Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year

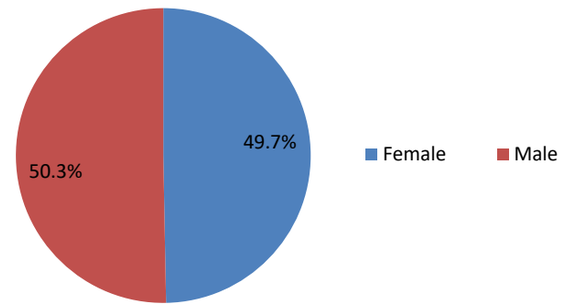
Santa Clara County as of June 8, 2018

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	526	49.6%	534	50.4%
FY 14-15	580	49.7%	588	50.3%
FY 15-16	588	50.6%	573	49.4%
FY 16-17	494	50.3%	488	49.7%

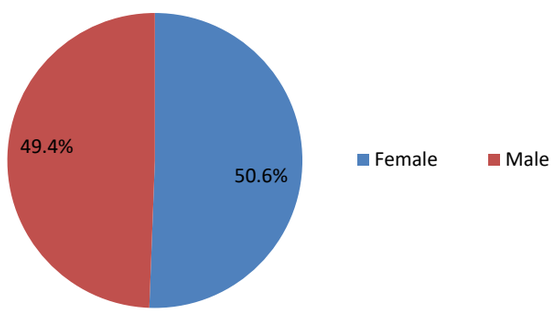
Fiscal Year 13-14 Gender Distribution



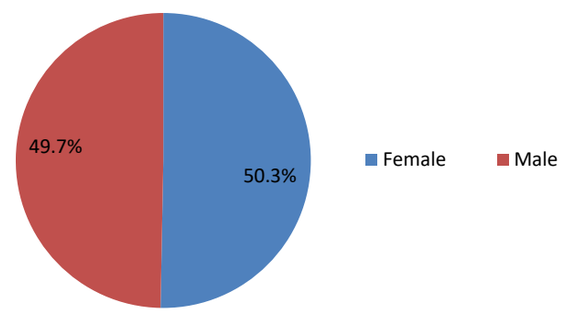
Fiscal Year 14-15 Gender Distribution



Fiscal Year 15-16 Gender Distribution



Fiscal Year 16-17 Gender Distribution



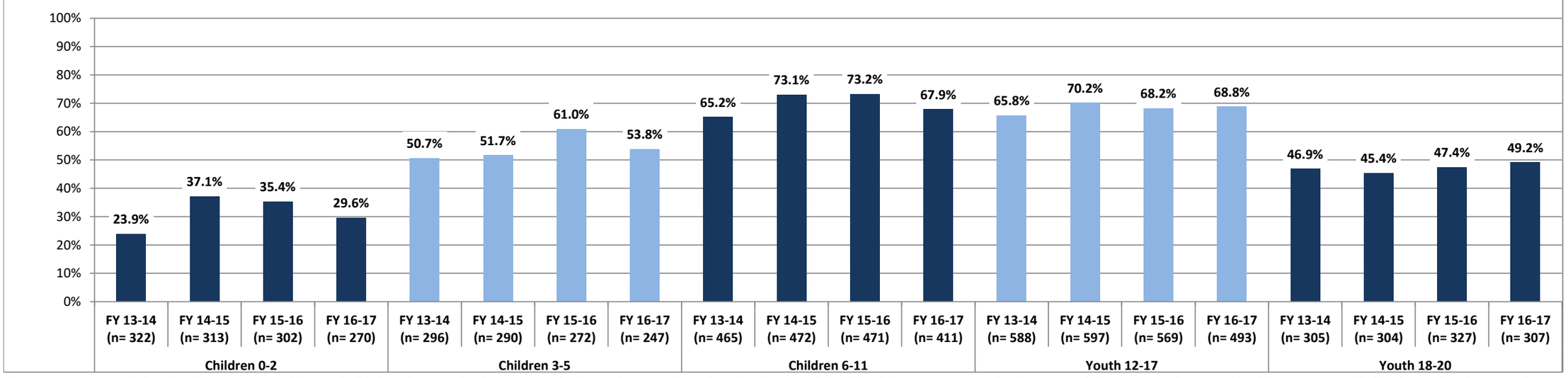
Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit**

Santa Clara County as of June 8, 2018

	FY 13-14			FY 14-15			FY 15-16			FY 16-17		
	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	**1,060**	**1,976**	**53.6%**	**1,168**	**1,976**	**59.1%**	**1,161**	**1,941**	**59.8%**	**982**	**1,728**	**56.8%**
Children 0-2	77	322	23.9%	116	313	37.1%	107	302	35.4%	80	270	29.6%
Children 3-5	150	296	50.7%	150	290	51.7%	166	272	61.0%	133	247	53.8%
Children 6-11	303	465	65.2%	345	472	73.1%	345	471	73.2%	279	411	67.9%
Youth 12-17	387	588	65.8%	419	597	70.2%	388	569	68.2%	339	493	68.8%
Youth 18-20	143	305	46.9%	138	304	45.4%	155	327	47.4%	151	307	49.2%
Black	109	200	54.5%	126	213	59.2%	132	191	69.1%	100	171	58.5%
Hispanic	601	1,151	52.2%	673	1,133	59.4%	647	1,133	57.1%	596	1,040	57.3%
White	182	331	55.0%	188	326	57.7%	207	333	62.2%	161	292	55.1%
Other	168	294	57.1%	181	304	59.5%	175	284	61.6%	125	225	55.6%
Female	526	959	54.8%	580	967	60.0%	588	963	61.1%	494	857	57.6%
Male	534	1,017	52.5%	588	1,009	58.3%	573	978	58.6%	488	871	56.0%

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.*

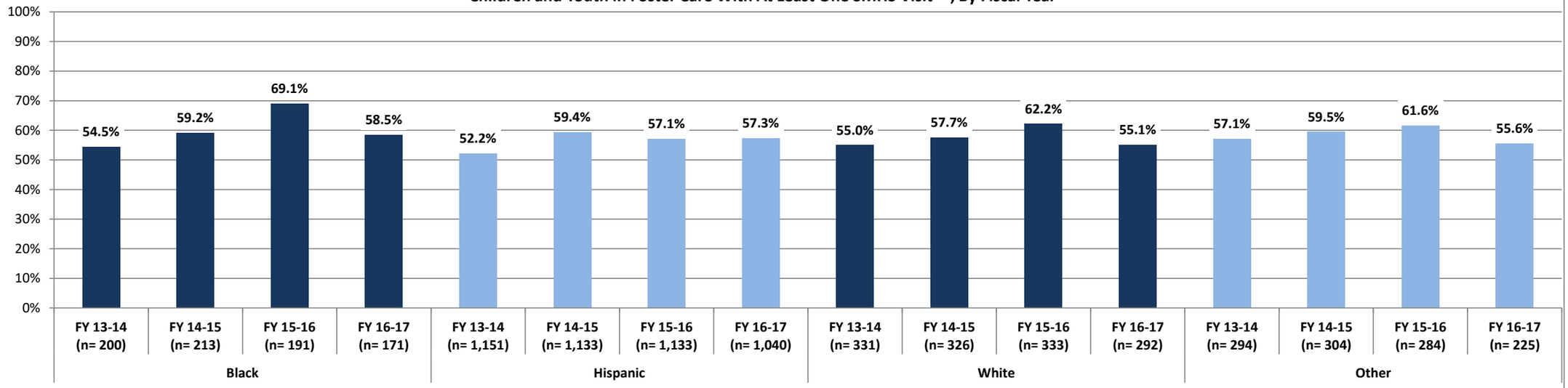
***Children and Youth in Foster Care that have received at least one SMHS in the Fiscal Year.*

Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit**

Santa Clara County as of June 8, 2018

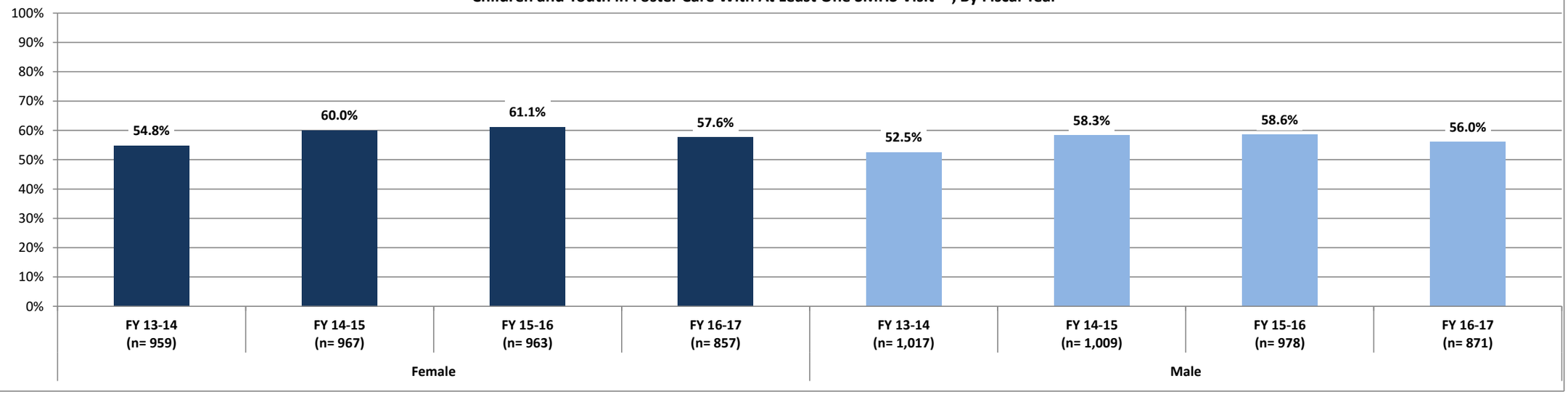
Penetration Rates by Race

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**



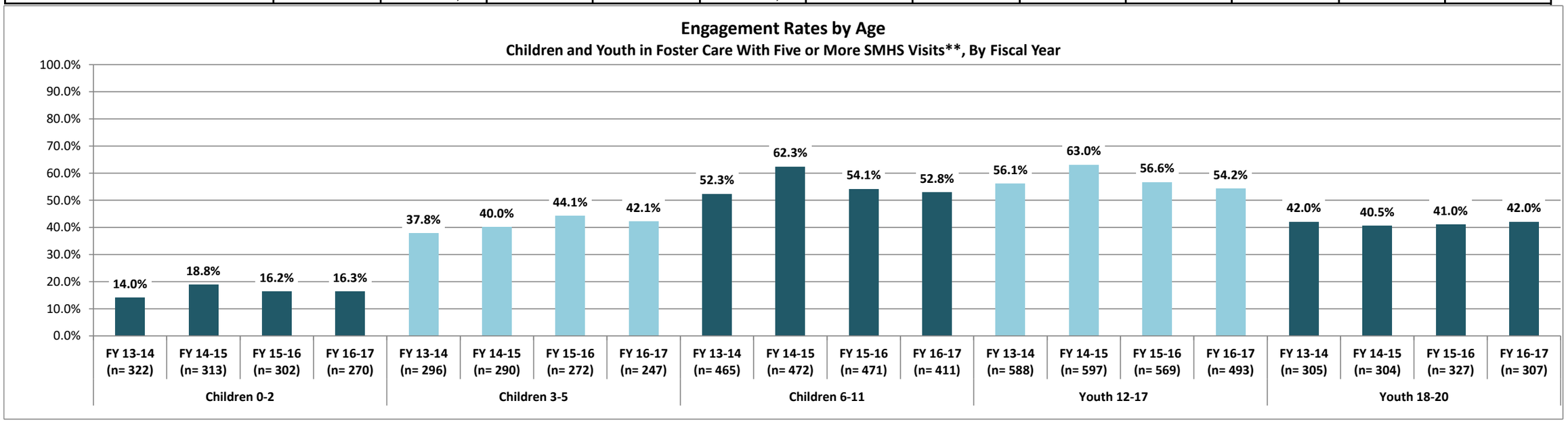
**Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care sy.*

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

Engagement Rates* Report: Children and Youth in Foster Care with Five or More SMHS Visits**

Santa Clara County as of June 8, 2018

	FY 13-14			FY 14-15			FY 15-16			FY 16-17		
	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Engagement Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Engagement Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Engagement Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Engagement Rate
All	858	1,976	43.4%	968	1,976	49.0%	880	1,941	45.3%	761	1,728	44.0%
Children 0-2	45	322	14.0%	59	313	18.8%	49	302	16.2%	44	270	16.3%
Children 3-5	112	296	37.8%	116	290	40.0%	120	272	44.1%	104	247	42.1%
Children 6-11	243	465	52.3%	294	472	62.3%	255	471	54.1%	217	411	52.8%
Youth 12-17	330	588	56.1%	376	597	63.0%	322	569	56.6%	267	493	54.2%
Youth 18-20	128	305	42.0%	123	304	40.5%	134	327	41.0%	129	307	42.0%
Black	90	200	45.0%	113	213	53.1%	108	191	56.5%	79	171	46.2%
Hispanic	492	1,151	42.7%	562	1,133	49.6%	490	1,133	43.2%	461	1,040	44.3%
White	144	331	43.5%	147	326	45.1%	150	333	45.0%	121	292	41.4%
Other	132	294	44.9%	146	304	48.0%	132	284	46.5%	100	225	44.4%
Female	428	959	44.6%	482	967	49.8%	446	963	46.3%	389	857	45.4%
Male	430	1,017	42.3%	486	1,009	48.2%	434	978	44.4%	372	871	42.7%



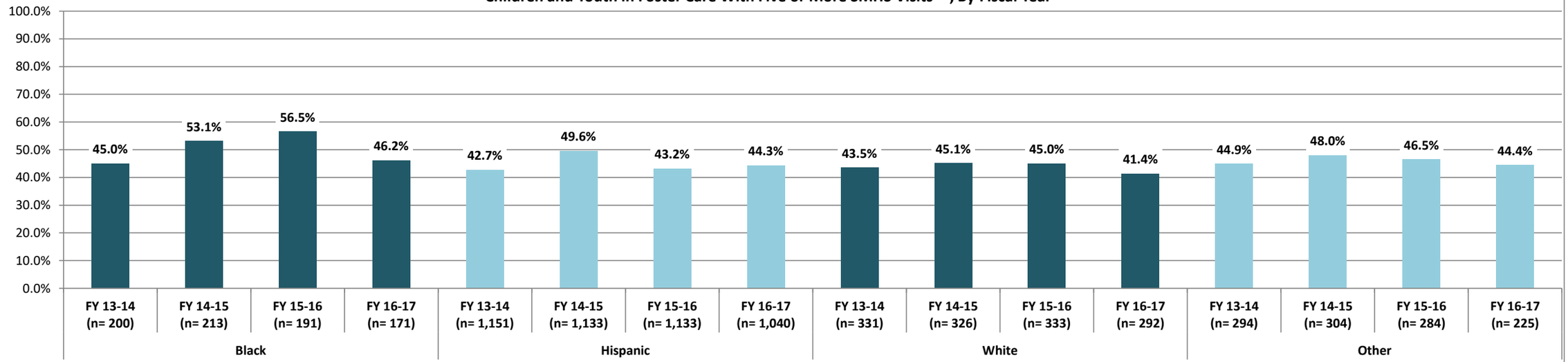
**Engagement Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.*

Engagement Rates* Report: Children and Youth in Foster Care with Five or More SMHS Visits**

Santa Clara County as of June 8, 2018

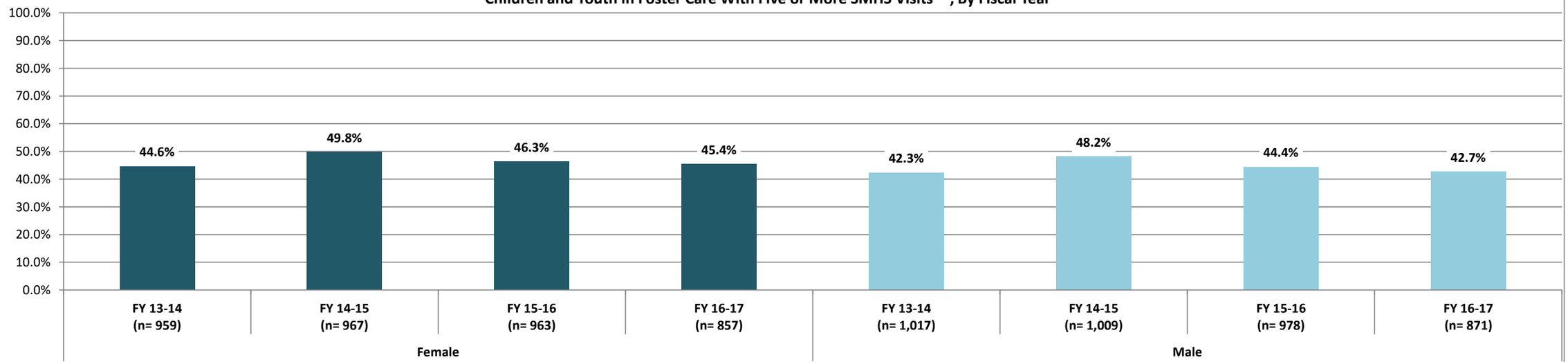
*Engagement Rates by Race

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



*Engagement Rates by Gender

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

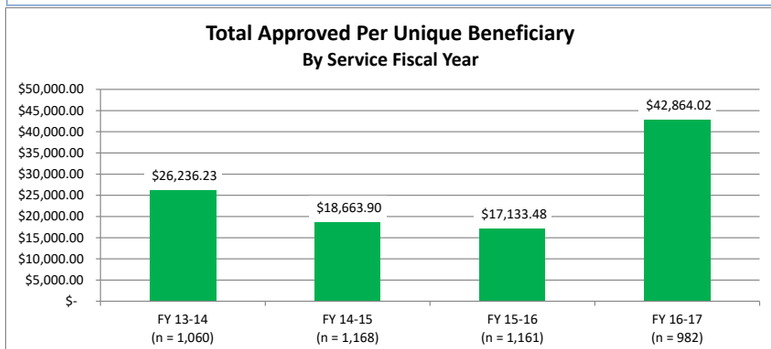


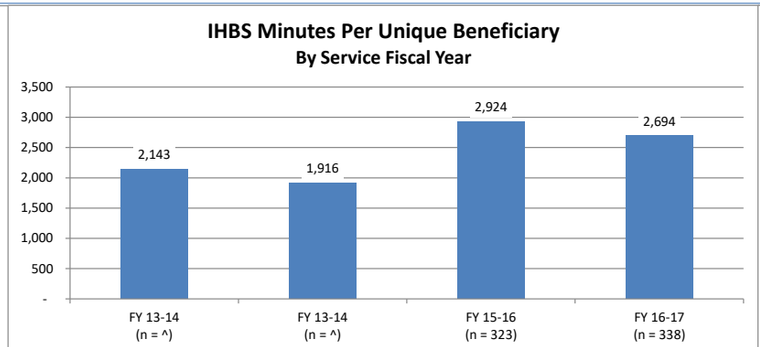
**Engagement Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.*

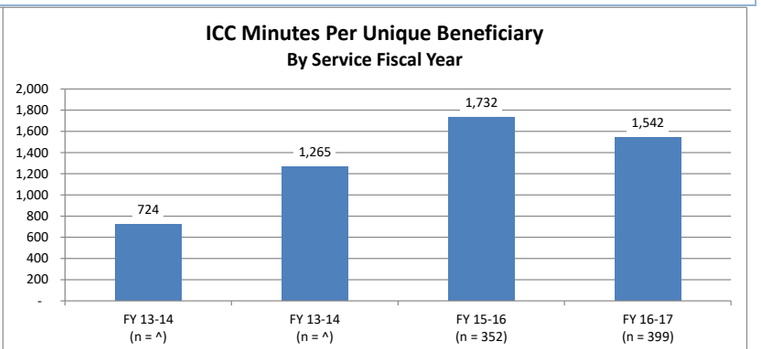
***Children and Youth in Foster Care that have received at least five SMHS in the Fiscal Year.*

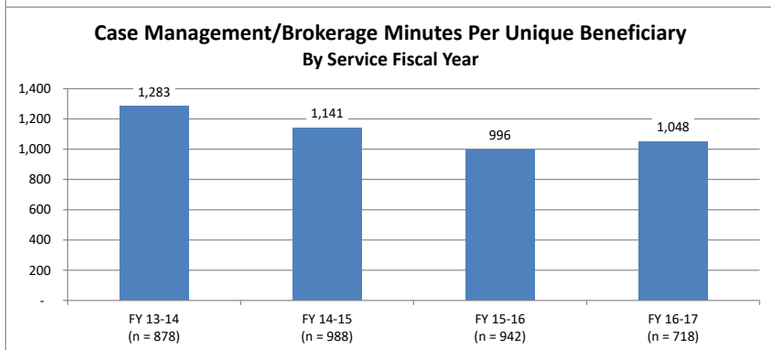
Utilization Report*: Approved SMHS for Children/Youth in Foster Care
Mean Expenditures and Service Quantity per Beneficiary by Fiscal Year
Santa Clara County as of June 8, 2018

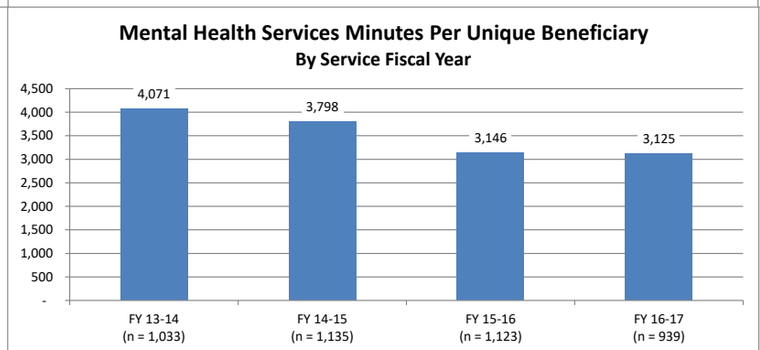
Fiscal Year	SDMC Total Approved	IHBS (Minutes)	ICC (Minutes)	Case Management/ Brokerage (Minutes)	Mental Health Services (Minutes)	Therapeutic Behavioral Services (Minutes)	Medication Support Services (Minutes)	Crisis Intervention (Minutes)	Crisis Stabilization (Hours)	Full Day Treatment Intensive (Hours)	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 13-14	$ 26,236	2,143	724	1,283	4,071	2,974	466	249	35	241	464	1	0	13	30	120	0
FY 14-15	$ 18,664	1,916	1,265	1,141	3,798	2,819	418	283	30	562	371	5	3	11	4	1	3
FY 15-16	$ 17,133	2,924	1,732	996	3,146	3,967	313	275	35	397	800	3	38	11	16	0	14
FY 16-17	$ 42,864	2,694	1,542	1,048	3,125	3,470	367	395	25	0	230	39	6	9	41	0	6
MEAN	**$ 26,224**	**2,419**	**1,316**	**1,117**	**3,535**	**3,307**	**391**	**300**	**31**	**400**	**466**	**12**	**16**	**11**	**23**	**61**	**8**

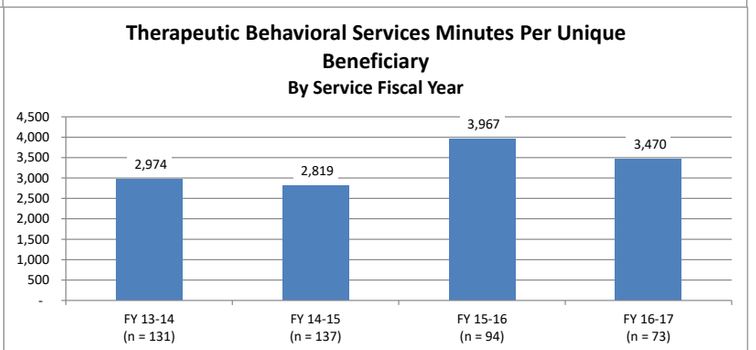


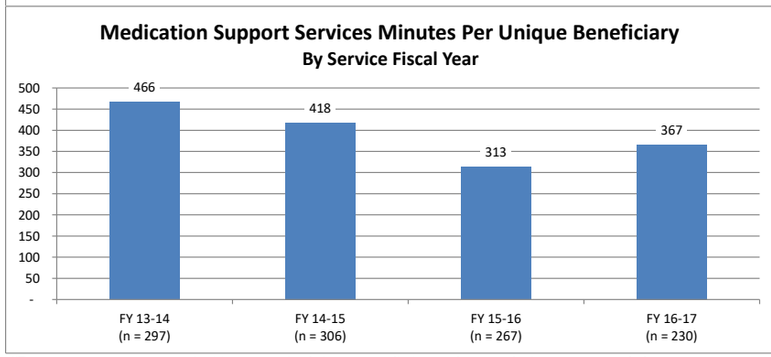


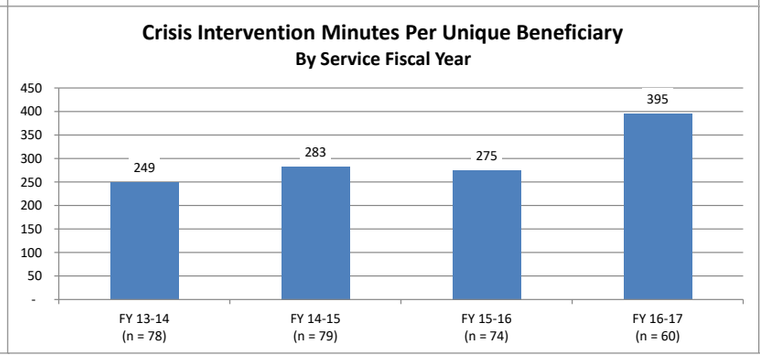


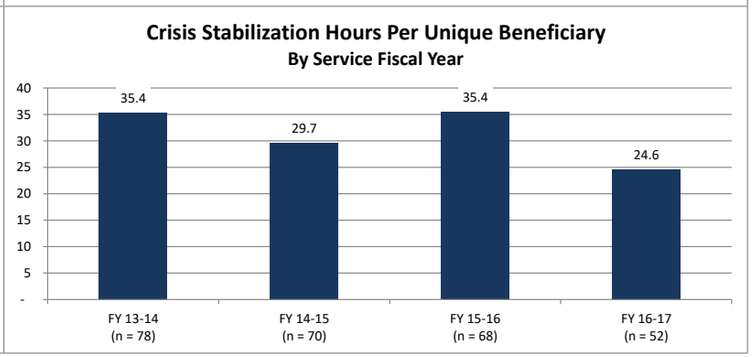












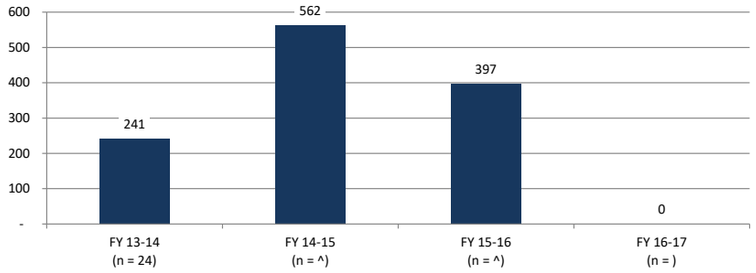
**The graphs are color coded so that those reported in the same unit of analysis (e.g., minutes) are colored similarly.*

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.

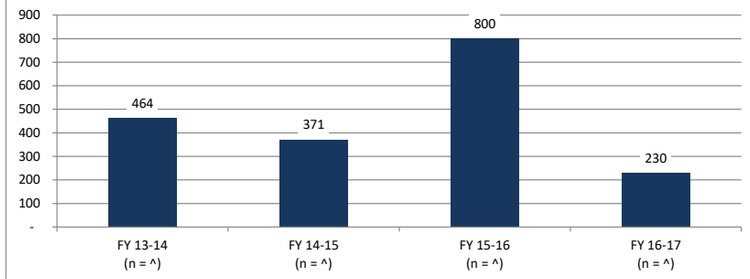
^ Data has been suppressed to protect patient privacy.

Utilization Report*: Approved SMHS for Children/Youth in Foster Care
Mean Expenditures and Service Quantity per Beneficiary by Fiscal Year
Santa Clara County as of June 8, 2018

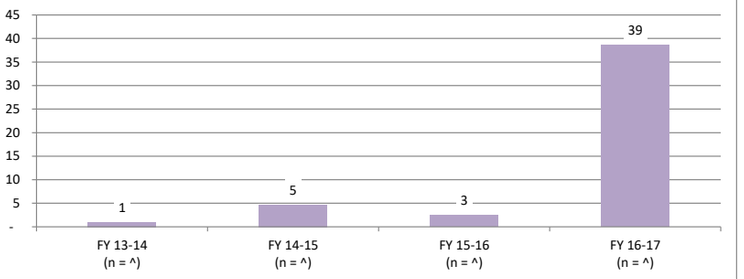
Full Day Treatment Intensive Hours Per Unique Beneficiary
By Service Fiscal Year



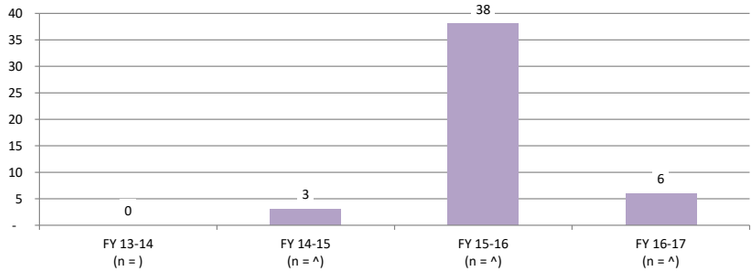
Full Day Rehabilitation Hours Per Unique Beneficiary
By Service Fiscal Year



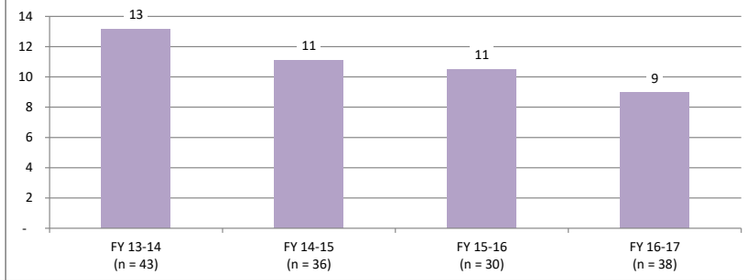
Hospital Inpatient Days Per Unique Beneficiary
By Service Fiscal Year



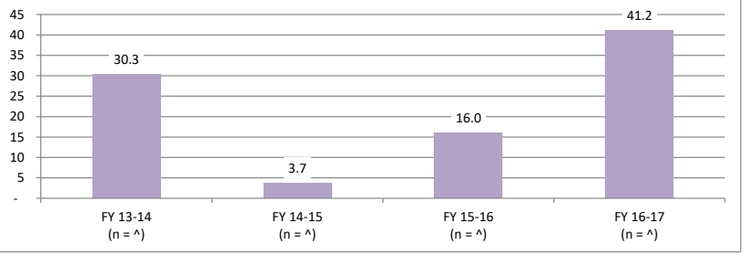
Hospital Inpatient Admin Days Per Unique Beneficiary
By Service Fiscal Year



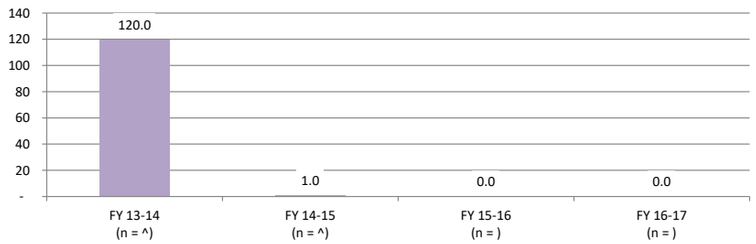
Fee for Service Inpatient Days Per Unique Beneficiary
By Service Fiscal Year



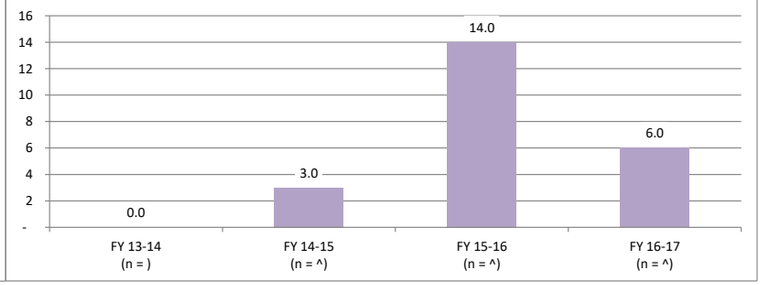
Crisis Residential Treatment Services Days Per Unique Beneficiary
By Service Fiscal Year



Adult Residential Treatment Services Days Per Unique Beneficiary
By Service Fiscal Year



Psychiatric Health Facility Days Per Unique Beneficiary
By Service Fiscal Year



**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.

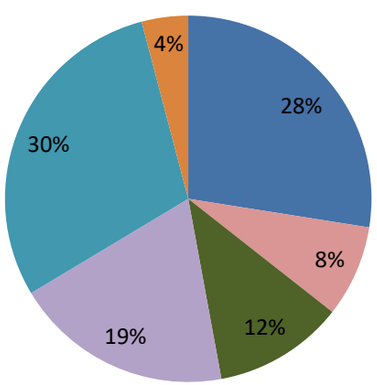
Snapshot Report: Unique Count of Children and Youth in Foster Care Receiving SMHS Arriving, Exiting, and with Service Continuance by Fiscal Year

Santa Clara County as of June 8, 2018

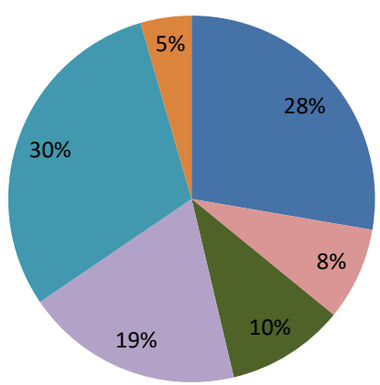
Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Children/Youth that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Children/Youth receiving 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 13-14	291	27.5%	86	8.1%	122	11.5%	205	19.3%	313	29.5%	43	4.1%	1,060	100%
FY 14-15	324	27.7%	96	8.2%	122	10.4%	224	19.2%	350	30.0%	52	4.5%	1,168	100%
FY 15-16	244	21.0%	88	7.6%	124	10.7%	263	22.7%	377	32.5%	65	5.6%	1,161	100%
FY 16-17	240	24.4%	89	9.1%	91	9.3%	210	21.4%	290	29.5%	62	6.3%	982	100%

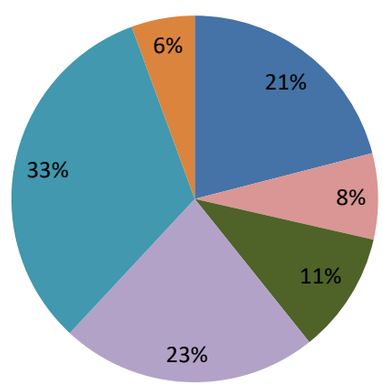
Fiscal Year 13-14 Arrivals, Service Continuance, & Exits Distribution



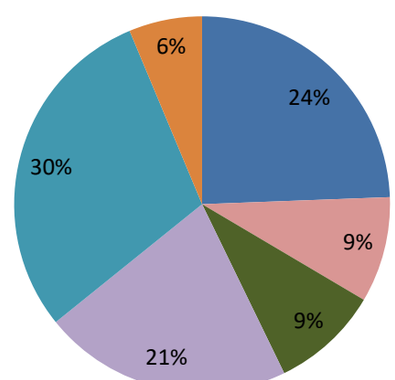
Fiscal Year 14-15 Arrivals, Service Continuance, & Exits Distribution

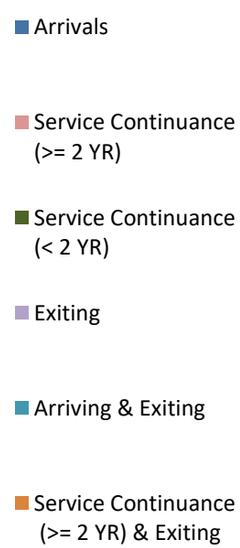


Fiscal Year 15-16 Arrivals, Service Continuance, & Exits Distribution



Fiscal Year 16-17 Arrivals, Service Continuance, & Exits Distribution



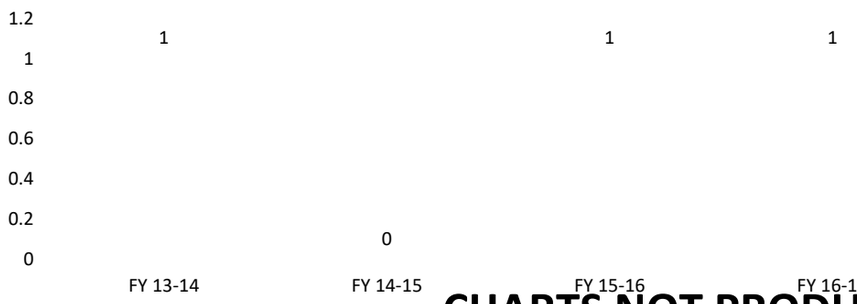


Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge*

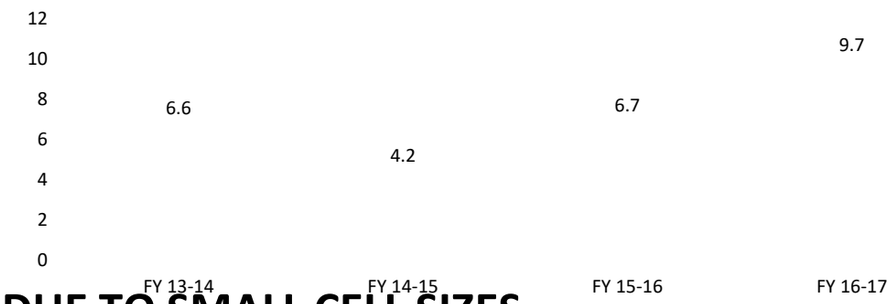
Santa Clara County as of June 8, 2018

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 13-14	52	78.8%	^	^	^	^	0	114	6.6	1
FY 14-15	49	86.0%	^	^	^	^	0	83	4.2	0
FY 15-16	34	81.0%	^	^	^	^	0	57	6.7	1
FY 16-17	45	81.8%	^	^	^	^	0	124	9.7	1

Median Time Between Inpatient Discharge and Step Down Service in Days

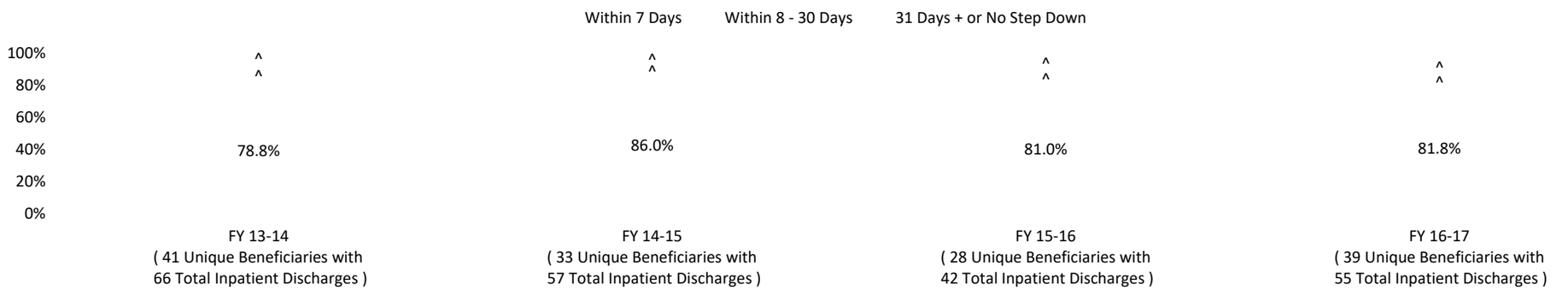


Mean Time Between Inpatient Discharge and Step Down Service in Days



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.