Performance Outcomes System Children/Youth with an Open Child Welfare Case 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.

Performance Outcomes System Children/Youth with an Open Child Welfare Case Report Report run on June 8, 2018

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 Measures Catalog 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 "A".

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 <u>after</u> 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,
- *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.

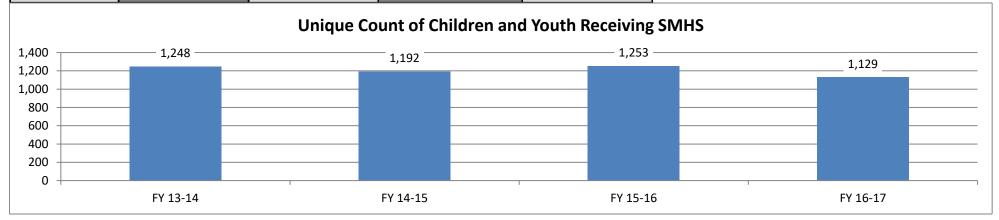
county specific and population-based reports are based off of the beneficiary's county of Medi-Cal responsibility during the eligibility month when the inpatient service occurred.

- *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 with an Open Child Welfare Case Receiving SMHS by Fiscal Year San Joaquin County as of June 8, 2018

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Open Child Welfare Youth in Medi-Cal	Year-Over-Year
FY 13-14	1,248		2,434	
FY 14-15	1,192	-4.5%	2,520	3.5%
FY 15-16	1,253	5.1%	2,566	1.8%
FY 16-17	1,129	-9.9%	2,375	-7.4%
Compound Annual Growth Rate SFY**		-3.3%		-0.8%



^{*}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 with an Open Child Welfare Case Receiving SMHS by Fiscal Year San Joaquin County as of June 8, 2018

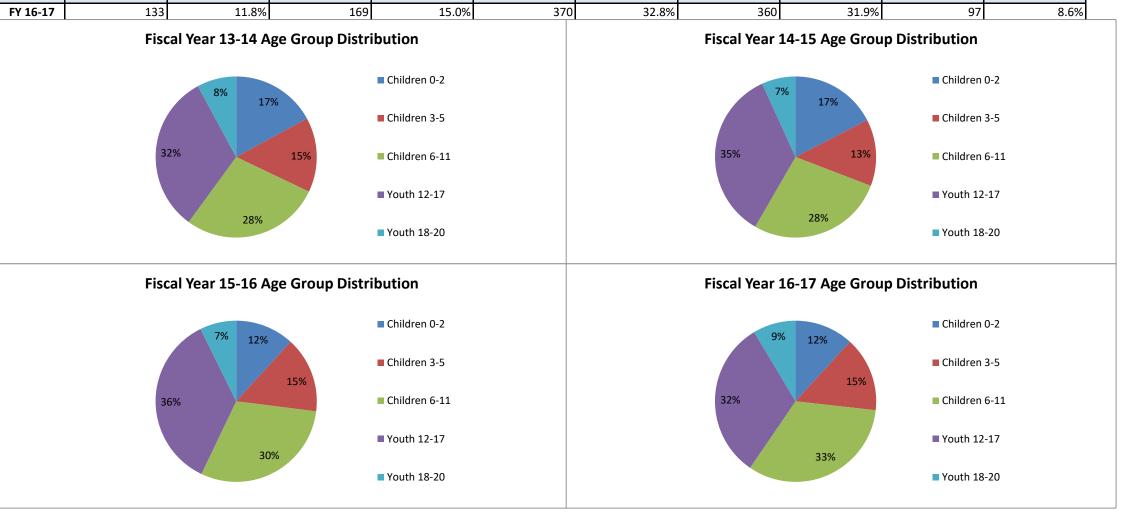
Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	288	23.1%	442	35.4%	373	29.9%	145	11.6%
FY 14-15	277	23.2%	433	36.3%	341	28.6%	141	11.8%
FY 15-16	312	24.9%	443	35.4%	338	27.0%	160	12.8%
FY 16-17	297	26.3%	387	34.3%	284	25.2%	161	14.3%
	Fiscal Year	13-14 Race	Distributio	Fi	iscal Year 1	4-15 Race D	istribution	



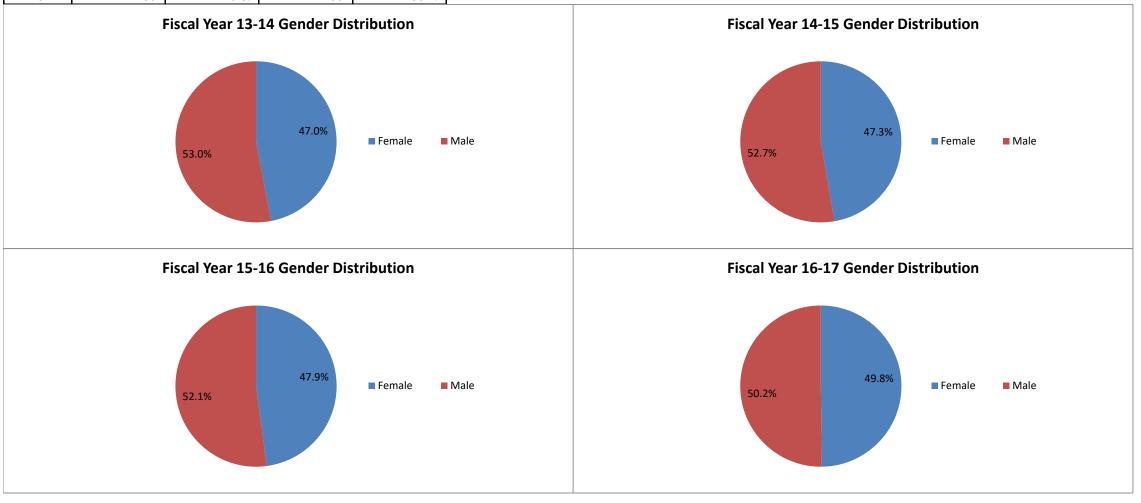
Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year San Joaquin 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	214	17.1%	187	15.0%	349	28.0%	400	32.1%	98	7.9%
FY 14-15	208	17.4%	160	13.4%	328	27.5%	415	34.8%	81	6.8%
FY 15-16	148	11.8%	190	15.2%	377	30.1%	446	35.6%	92	7.3%
FY 16-17	133	11.8%	169	15.0%	370	32.8%	360	31.9%	97	8.6%

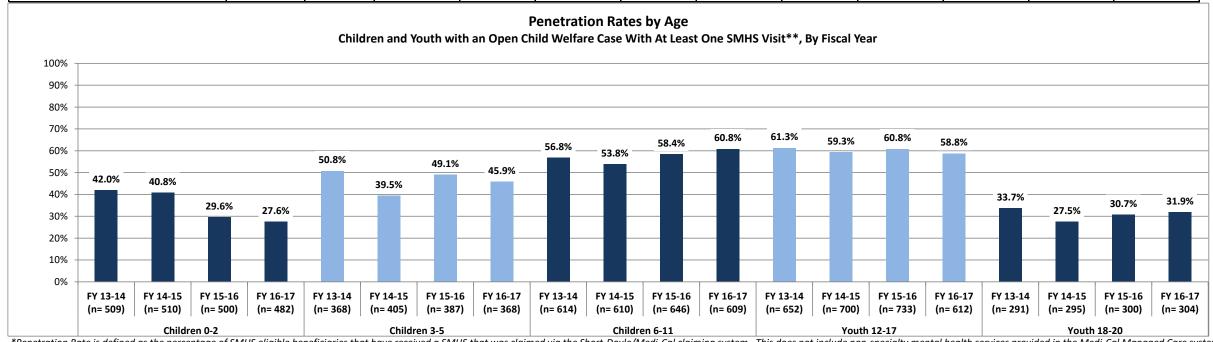


Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	587	47.0%	661	53.0%
FY 14-15	564	47.3%	628	52.7%
FY 15-16	600	47.9%	653	52.1%
FY 16-17	562	49.8%	567	50.2%



Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit** San Joaquin County as of June 8, 2018

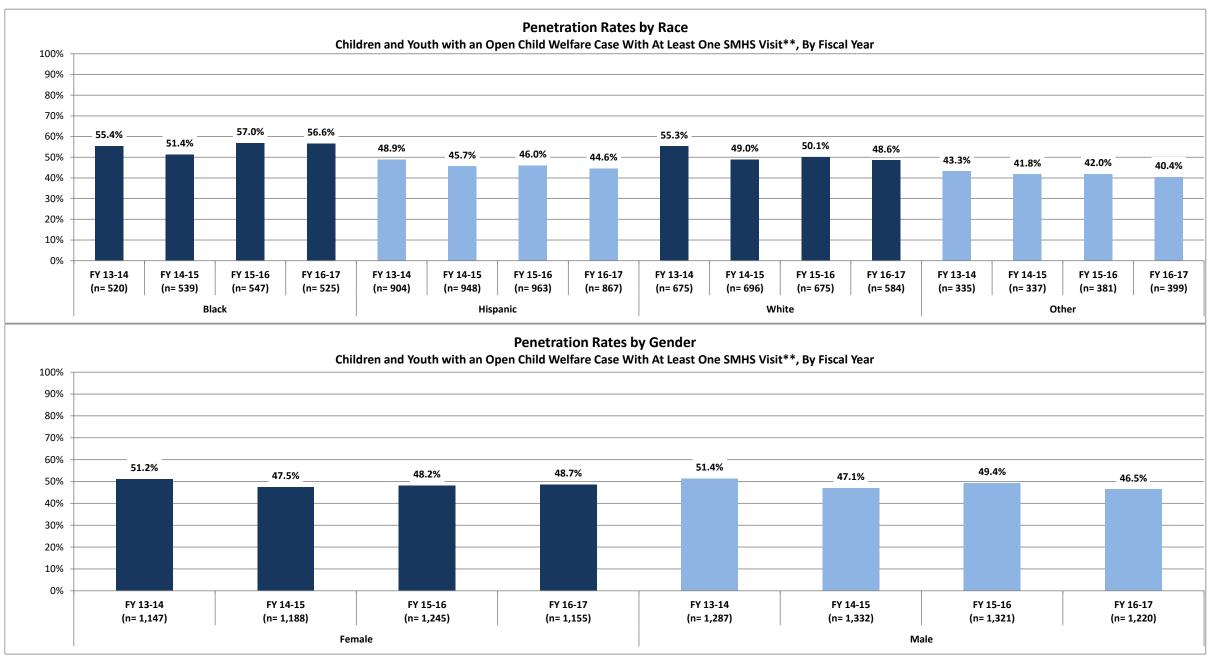
		FY 13-14			FY 14-15			FY 15-16			FY 16-17	
	Children and Youth with an Open Child Welfare Case with 1 or more SMHS Visits	Youth with an Open	Penetration Rate		Certified Eligible Children and Youth with an Open Child Welfare Case	Penetration Rate	Open Child Welfare Case with 1 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Penetration Rate	Children and Youth with an Open Child Welfare Case with 1 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Penetration Rate
All	1,248	2,434	51.3%	1,192	2,520	47.3%	1,253	2,566	48.8%	1,129	2,375	47.5%
Children 0-2	214	509	42.0%	208	510	40.8%	148	500	29.6%	133	482	27.6%
Children 3-5	187	368	50.8%	160	405	39.5%	190	387	49.1%	169	368	45.9%
Children 6-11	349	614	56.8%	328	610	53.8%	377	646	58.4%	370	609	60.8%
Youth 12-17	400	652	61.3%	415	700	59.3%	446	733	60.8%	360	612	58.8%
Youth 18-20	98	291	33.7%	81	295	27.5%	92	300	30.7%	97	304	31.9%
Black	288	520	55.4%	277	539	51.4%	312	547	57.0%	297	525	56.6%
Hispanic	442	904	48.9%	433	948	45.7%	443	963	46.0%	387	867	44.6%
White	373	675	55.3%	341	696	49.0%	338	675	50.1%	284	584	48.6%
Other	145	335	43.3%	141	337	41.8%	160	381	42.0%	161	399	40.4%
Female	587	1,147	51.2%	564	1,188	47.5%	600	1,245	48.2%	562	1,155	48.7%
Male	661	1,287	51.4%	628	1,332	47.1%	653	1,321	49.4%	567	1,220	46.5%



^{*}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 system

^{**}Children and Youth with an Open Child Welfare Case that have received at least one SMHS in the Fiscal Year.

Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit** San Joaquin County as of June 8, 2018

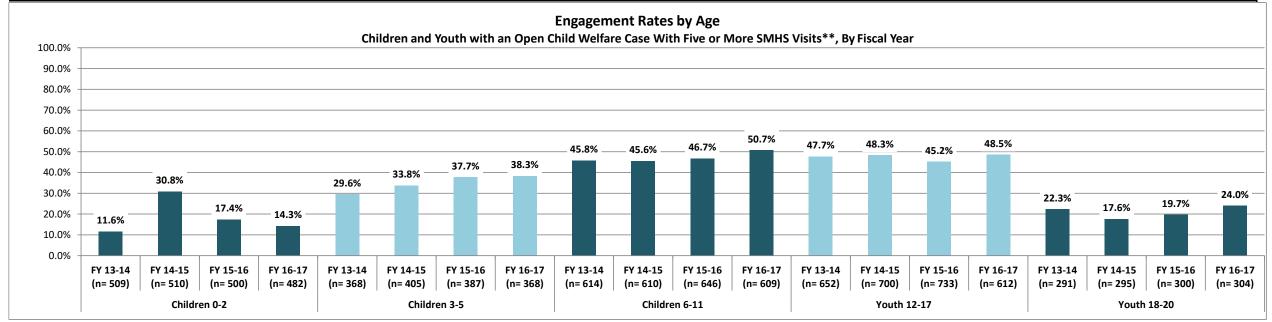


^{*}Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care system

**Children and Youth with an Open Child Welfare Case that have received at least one SMHS in the Fiscal Year.

Engagement Rates* Report: Children and Youth with an Open Child Welfare Case with Five or More SMHS Visits** San Joaquin County as of June 8, 2018

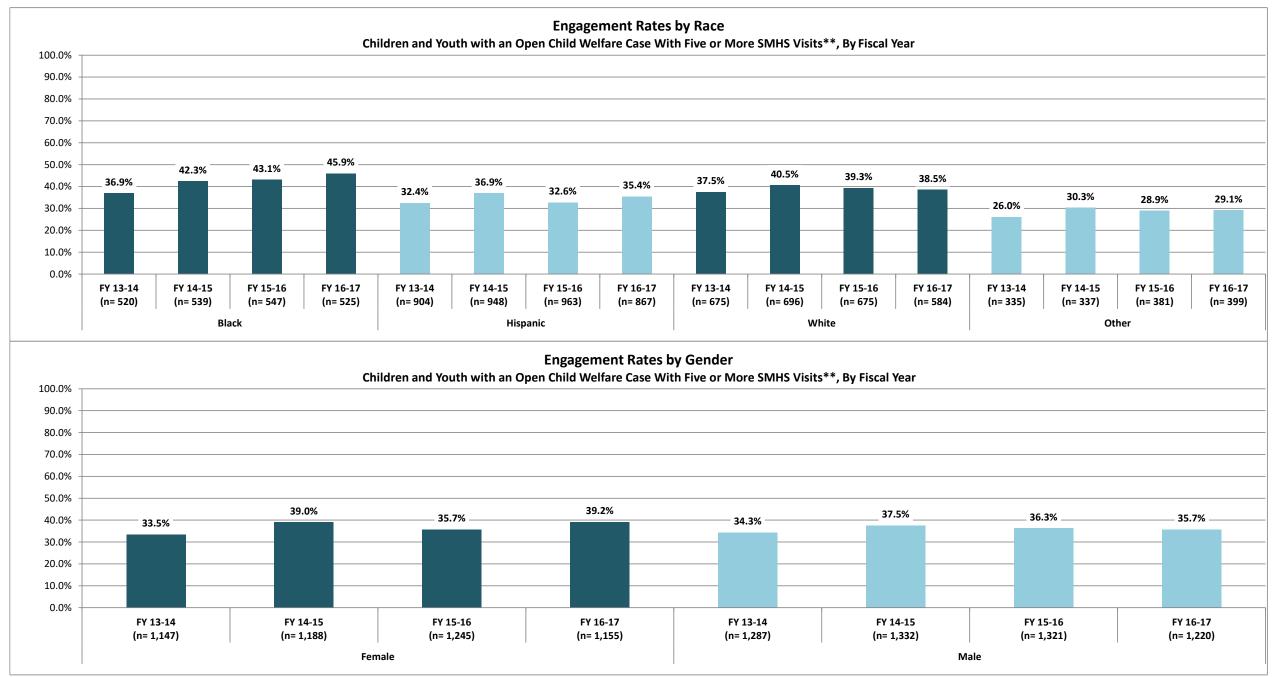
		FY 13-14			FY 14-15			FY 15-16			FY 16-17	
	Children and Youth with an Open Child Welfare Case with 5 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Engagement Rate	Children and Youth with an Open Child Welfare Case with 5 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Engagement Rate	Children and Youth with an Open Child Welfare Case with 5 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Engagement Rate	Children and Youth with an Open Child Welfare Case with 5 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare Case	Engagement Rate
All	825	2,434	33.9%	962	2,520	38.2%	925	2,566	36.0%	889	2,375	37.4%
Children 0-2	59	509	11.6%	157	510	30.8%	87	500	17.4%	69	482	14.3%
Children 3-5	109	368	29.6%	137	405	33.8%	146	387	37.7%	141	368	38.3%
Children 6-11	281	614	45.8%	278	610	45.6%	302	646	46.7%	309	609	50.7%
Youth 12-17	311	652	47.7%	338	700	48.3%	331	733	45.2%	297	612	48.5%
Youth 18-20	65	291	22.3%	52	295	17.6%	59	300	19.7%	73	304	24.0%
Black	192	520	36.9%	228	539	42.3%	236	547	43.1%	241	525	45.9%
Hispanic	293	904	32.4%	350	948	36.9%	314	963	32.6%	307	867	35.4%
White	253	675	37.5%	282	696	40.5%	265	675	39.3%	225	584	38.5%
Other	87	335	26.0%	102	337	30.3%	110	381	28.9%	116	399	29.1%
Female	384	1,147	33.5%	463	1,188	39.0%	445	1,245	35.7%	453	1,155	39.2%
Male	441	1,287	34.3%	499	1,332	37.5%	480	1,321	36.3%	436	1,220	35.7%



^{*}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.

^{**}Children and Youth with an Open Child Welfare Case that have received at least five SMHS in the Fiscal Year.

Engagement Rates* Report: Children and Youth with an Open Child Welfare Case with Five or More SMHS Visits** San Joaquin County as of June 8, 2018



^{*}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 with an Open Child Welfare Case that have received at least five SMHS in the Fiscal Year.

Utilization Report*: Approved SMHS for Children/Youth with an Open Child Welfare Case Mean Expenditures and Service Quantity per Beneficiary by Fiscal Year San Joaquin 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)	Treatment	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 13-14	\$ 4,222	989	643	213	989	2,773	305	240	25	520	84	4		11	17	30	9
FY 14-15	\$ 5,333	1,616	1,147	250	1,287	1,881	326	239	23	539	519			8	13		7
FY 15-16	\$ 5,043	1,372	851	219	1,234	1,995	301	277	30	1,224	906			9	28		9
FY 16-17	\$ 6,183	882	739	241	1,491	2,285	326	227	18	617	141			12			
MEAN	\$ 5,195	1,215	845	231	1,250	2,234	315	246	24	725	413	4	0	10	19	30	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 with an Open Child Welfare Case Mean Expenditures and Service Quantity per Beneficiary by Fiscal Year San Joaquin County as of June 8, 2018

FY 16-17

0.0

FY 16-17

(n =)



0.0

FY 14-15

(n =)

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.

0.0

FY 16-17

(n =)

0.0

FY 15-16

(n =)

FY 13-14

(n = ^)

Page 12 of 14

FY 14-15

(n = ^)

FY 15-16

(n = ^)

FY 16-17

(n =)

FY 13-14

(n = ^)

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

[^] Data has been suppressed to protect patient privacy.

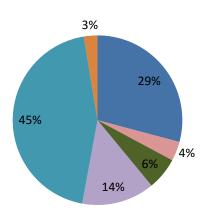
Snapshot Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS Arriving, Exiting, and with Service Continuance by Fiscal Year

San Joaquin County as of June 8, 2018

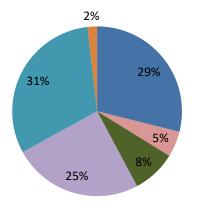
Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Children/Youth that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Children/Youth receiving 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	Continuance	Service Continuance (<2 YR) Count		Exiting Count	Exiting %	Arriving & Exiting Count	Arriving & Exiting %		(>= 2 YR) and	Total Count	Total %
FY 13-14	364	29.2%	46	3.7%	77	6.2%	173	13.9%	556	44.6%	32	2.6%	1,248	100%
FY 14-15	344	28.9%	58	4.9%	100	8.4%	296	24.8%	372	31.2%	22	1.8%	1,192	100%
FY 15-16	297	23.7%	58	4.6%	86	6.9%	336	26.8%	423	33.8%	53	4.2%	1,253	100%
FY 16-17	285	25.2%	50	4.4%	89	7.9%	265	23.5%	408	36.1%	32	2.8%	1,129	100%

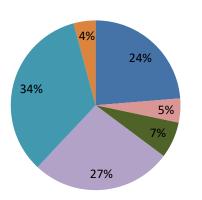
Fiscal Year 13-14 Arrivals, Service Continuance, & Exits Distribution



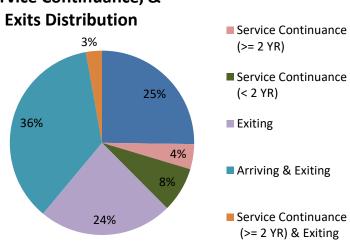
Fiscal Year 14-15 Arrivals, Service Continuance, & Exits Distribution



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



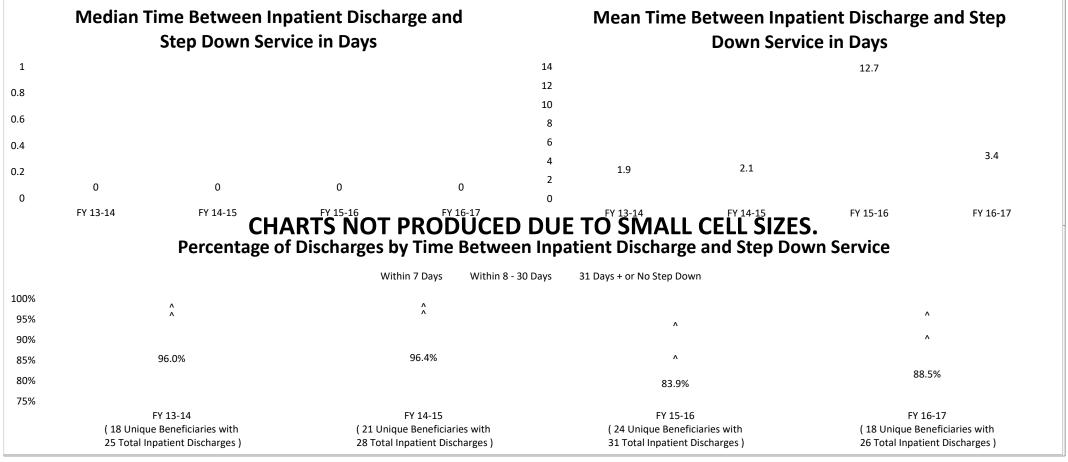
Fiscal Year 16-17 Arrivals,
Service Continuance, &
Exits Distribution



Arrivals

Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge* San Joaquin County as of June 8, 2018

Service FY	Count of Inpatient Discharges with Step Down within 7 Days of Discharge	Inpatient Discharges with	days of Discharge	Discharges with Step Down between 8 and 30	a Step Down > 30 Days from Discharge or No	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	24	96.0%	۸	۸	۸	۸	0	33	1.9	0
FY 14-15	27	96.4%	٨	۸	۸	۸	0	52	2.1	0
FY 15-16	26	83.9%	۸	۸	۸	۸	0	232	12.7	0
FY 16-17	23	88.5%	^	۸	^	۸	0	47	3.4	0



^{*} **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.