

Performance Outcomes System with an Open Child Welfare Case Report
Report run on June 6, 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.*

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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 of youth 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.

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*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 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 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 with an Open Child Welfare Case Receiving SMHS by Fiscal Year
Sacramento County as of June 6, 2018**

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Open Child Welfare Youth in Medi-Cal	Year-Over-Year Percentage Change
FY 13-14	2,078		5,499	
FY 14-15	2,201	5.9%	5,771	4.9%
FY 15-16	2,107	-4.3%	5,573	-3.4%
FY 16-17	1,827	-13.3%	5,003	-10.2%
Compound Annual Growth Rate SFY**		-4.2%		-3.1%

**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
Sacramento County as of June 6, 2018**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	628	30.2%	268	12.9%	608	29.3%	574	27.6%
FY 14-15	602	27.4%	312	14.2%	662	30.1%	625	28.4%
FY 15-16	557	26.4%	292	13.9%	628	29.8%	630	29.9%
FY 16-17	486	26.6%	249	13.6%	528	28.9%	564	30.9%

*This report uses the Medi-Cal Eligibility Data System for racial data, while CDSS uses the Child Welfare Services/Case Management System.

**Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year
Sacramento County as of June 6, 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	91	4.4%	316	15.2%	664	32.0%	768	37.0%	239	11.5%
FY 14-15	91	4.1%	362	16.4%	749	34.0%	777	35.3%	222	10.1%
FY 15-16	86	4.1%	317	15.0%	755	35.8%	734	34.8%	215	10.2%
FY 16-17	55	3.0%	258	14.1%	691	37.8%	642	35.1%	181	9.9%

**Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year
Sacramento County as of June 6, 2018**

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	961	46.2%	1,117	53.8%
FY 14-15	1,060	48.2%	1,141	51.8%
FY 15-16	1,027	48.7%	1,080	51.3%
FY 16-17	876	47.9%	951	52.1%

Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit**
Sacramento County as of June 6, 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	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	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	2,078	5,499	37.8%	2,201	5,771	38.1%	2,107	5,573	37.8%	1,827	5,003	36.5%
Children 0-2	91	1,156	7.9%	91	1,190	7.6%	86	1,124	7.7%	55	1,015	5.4%
Children 3-5	316	1,000	31.6%	362	1,063	34.1%	317	1,020	31.1%	258	912	28.3%
Children 6-11	664	1,337	49.7%	749	1,523	49.2%	755	1,518	49.7%	691	1,380	50.1%
Youth 12-17	768	1,315	58.4%	777	1,290	60.2%	734	1,268	57.9%	642	1,130	56.8%
Youth 18-20	239	691	34.6%	222	705	31.5%	215	643	33.4%	181	566	32.0%
Black	628	1,680	37.4%	602	1,618	37.2%	557	1,510	36.9%	486	1,376	35.3%
Hispanic	268	847	31.6%	312	914	34.1%	292	809	36.1%	249	737	33.8%
White	608	1,593	38.2%	662	1,687	39.2%	628	1,654	38.0%	528	1,411	37.4%
Other	574	1,379	41.6%	625	1,552	40.3%	630	1,600	39.4%	564	1,479	38.1%
Female	961	2,614	36.8%	1,060	2,784	38.1%	1,027	2,682	38.3%	876	2,410	36.3%
Male	1,117	2,885	38.7%	1,141	2,987	38.2%	1,080	2,891	37.4%	951	2,593	36.7%

*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.

**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 Five or More SMHS Visits**
Sacramento County as of June 6, 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	Penetration 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	Penetration 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	Penetration 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	Penetration Rate
All	1,767	5,499	32.1%	1,825	5,771	31.6%	1,727	5,573	31.0%	1,527	5,003	30.5%
Children 0-2	65	1,156	5.6%	71	1,190	6.0%	71	1,124	6.3%	36	1,015	3.5%
Children 3-5	254	1,000	25.4%	278	1,063	26.2%	236	1,020	23.1%	208	912	22.8%
Children 6-11	569	1,337	42.6%	624	1,523	41.0%	603	1,518	39.7%	594	1,380	43.0%
Children 12-17	681	1,315	51.8%	665	1,290	51.6%	652	1,268	51.4%	542	1,130	48.0%
Youth 18-20	198	691	28.7%	187	705	26.5%	165	643	25.7%	147	566	26.0%
Black	530	1,680	31.5%	492	1,618	30.4%	466	1,510	30.9%	413	1,376	30.0%
Hispanic	235	847	27.7%	255	914	27.9%	237	809	29.3%	194	737	26.3%
White	507	1,593	31.8%	548	1,687	32.5%	527	1,654	31.9%	442	1,411	31.3%
Other	495	1,379	35.9%	530	1,552	34.1%	497	1,600	31.1%	478	1,479	32.3%
Female	817	2,614	31.3%	885	2,784	31.8%	848	2,682	31.6%	735	2,410	30.5%
Male	950	2,885	32.9%	940	2,987	31.5%	879	2,891	30.4%	792	2,593	30.5%

*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.

**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
Sacramento County as of June 6, 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	\$ 7,245	1,222	586	804	2,037	2,513	389	179	14	569	469	.	.	11	30	.	6
FY 14-15	\$ 6,873	1,733	1,233	703	1,918	3,162	384	196	16	409	515	.	.	11	18	.	12
FY 15-16	\$ 5,863	1,305	1,199	699	1,864	3,175	385	265	23	382	254	7	1	17	51	.	13
FY 16-17	\$ 7,744	1,542	1,129	691	1,941	3,589	431	181	26	747	255	8	.	13	.	.	11
MEAN	\$ 6,931	1,451	1,037	724	1,940	3,110	397	205	20	527	373	7	1	13	33	0	11

**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.

**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
Sacramento County as of June 6, 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 &	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	626	30.1%	176	8.5%	195	9.4%	398	19.2%	554	26.7%	129	6.2%	2,078	100%
FY 14-15	555	25.2%	164	7.5%	203	9.2%	537	24.4%	639	29.0%	103	4.7%	2,201	100%
FY 15-16	572	27.1%	161	7.6%	159	7.5%	483	22.9%	630	29.9%	102	4.8%	2,107	100%
FY 16-17	458	25.1%	133	7.3%	187	10.2%	488	26.7%	467	25.6%	94	5.1%	1,827	100%

Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge*
Sacramento County as of June 6, 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	97	83.6%	^	^	^	^	0	95	4.5	0
FY 14-15	67	77.0%	^	^	^	^	0	265	16.5	1
FY 15-16	128	79.5%	^	^	^	^	0	336	10.8	0
FY 16-17	91	81.3%	^	^	^	^	0	312	12.7	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.

^ Data has been suppressed to protect patient privacy.