

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.*

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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 in Foster Care Receiving SMHS by Fiscal Year
Statewide 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	41,860		88,333	
FY 14-15	42,380	1.2%	89,499	1.3%
FY 15-16	41,609	-1.8%	88,521	-1.1%
FY 16-17	39,858	-4.2%	85,685	-3.2%
Compound Annual Growth Rate SFY**		-1.6%		-1.0%

**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
Statewide as of June 8, 2018**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	8,421	20.1%	17,727	42.3%	10,621	25.4%	5,091	12.2%
FY 14-15	8,729	20.6%	18,252	43.1%	10,397	24.5%	5,002	11.8%
FY 15-16	8,623	20.7%	18,201	43.7%	9,858	23.7%	4,927	11.8%
FY 16-17	8,334	20.9%	17,782	44.6%	9,090	22.8%	4,652	11.7%

*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 in Foster Care Receiving SMHS by Fiscal Year
Statewide 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	3,790	9.1%	5,876	14.0%	12,681	30.3%	15,100	36.1%	4,413	10.5%
FY 14-15	3,961	9.3%	6,153	14.5%	13,185	31.1%	14,775	34.9%	4,306	10.2%
FY 15-16	3,904	9.4%	6,120	14.7%	13,286	31.9%	14,081	33.8%	4,218	10.1%
FY 16-17	3,467	8.7%	5,946	14.9%	12,875	32.3%	13,582	34.1%	3,988	10.0%

Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year
Statewide as of June 8, 2018

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	20,066	47.9%	21,794	52.1%
FY 14-15	20,342	48.0%	22,038	52.0%
FY 15-16	20,085	48.3%	21,524	51.7%
FY 16-17	19,364	48.6%	20,494	51.4%

Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit
Statewide 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	41,860	88,333	47.4%	42,380	89,499	47.4%	41,609	88,521	47.0%	39,858	85,685	46.5%
Children 0-2	3,790	15,902	23.8%	3,961	16,244	24.4%	3,904	16,107	24.2%	3,467	15,501	22.4%
Children 3-5	5,876	14,697	40.0%	6,153	15,069	40.8%	6,120	14,815	41.3%	5,946	14,332	41.5%
Children 6-11	12,681	22,011	57.6%	13,185	22,774	57.9%	13,286	23,246	57.2%	12,875	22,923	56.2%
Youth 12-17	15,100	24,384	61.9%	14,775	23,866	61.9%	14,081	23,059	61.1%	13,582	22,204	61.2%
Youth 18-20	4,413	11,339	38.9%	4,306	11,546	37.3%	4,218	11,294	37.3%	3,988	10,725	37.2%
Black	8,421	16,537	50.9%	8,729	16,906	51.6%	8,623	16,776	51.4%	8,334	16,471	50.6%
Hispanic	17,727	37,912	46.8%	18,252	38,777	47.1%	18,201	38,998	46.7%	17,782	38,566	46.1%
White	10,621	23,098	46.0%	10,397	22,853	45.5%	9,858	21,627	45.6%	9,090	19,798	45.9%
Other	5,091	10,786	47.2%	5,002	10,963	45.6%	4,927	11,120	44.3%	4,652	10,850	42.9%
Female	20,066	42,304	47.4%	20,342	42,881	47.4%	20,085	42,586	47.2%	19,364	41,281	46.9%
Male	21,794	46,029	47.3%	22,038	46,618	47.3%	21,524	45,935	46.9%	20,494	44,404	46.2%

*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 in Foster Care that have received at least one SMHS in the FisPage 7 of 14

Engagement Rates* Report: Children and Youth in Foster Care with Five or More SMHS Visits**
Statewide 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	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	31,472	88,333	35.6%	31,681	89,499	35.4%	30,968	88,521	35.0%	30,349	85,685	35.4%
Children 0-2	1,902	15,902	12.0%	2,048	16,244	12.6%	1,941	16,107	12.1%	1,856	15,501	12.0%
Children 3-5	3,998	14,697	27.2%	4,190	15,069	27.8%	4,118	14,815	27.8%	4,135	14,332	28.9%
Children 6-11	9,773	22,011	44.4%	10,061	22,774	44.2%	10,218	23,246	44.0%	10,163	22,923	44.3%
Children 12-17	12,294	24,384	50.4%	12,036	23,866	50.4%	11,415	23,059	49.5%	11,096	22,204	50.0%
Youth 18-20	3,505	11,339	30.9%	3,346	11,546	29.0%	3,276	11,294	29.0%	3,099	10,725	28.9%
Black	6,619	16,537	40.0%	6,741	16,906	39.9%	6,784	16,776	40.4%	6,608	16,471	40.1%
Hispanic	13,026	37,912	34.4%	13,393	38,777	34.5%	13,306	38,998	34.1%	13,451	38,566	34.9%
White	7,978	23,098	34.5%	7,772	22,853	34.0%	7,246	21,627	33.5%	6,769	19,798	34.2%
Other	3,849	10,786	35.7%	3,775	10,963	34.4%	3,632	11,120	32.7%	3,521	10,850	32.5%
Female	15,050	42,304	35.6%	15,152	42,881	35.3%	14,979	42,586	35.2%	14,715	41,281	35.6%
Male	16,422	46,029	35.7%	16,529	46,618	35.5%	15,989	45,935	34.8%	15,634	44,404	35.2%

*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.

**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-specialt

**Utilization Report*: Approved SMHS for Children/Youth in Foster Care
Mean Expenditures and Service Quantity per Beneficiary by Fiscal Year
Statewide 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	\$ 9,293	2,045	1,318	483	2,194	5,114	431	405	19	545	472	11	19	11	17	92	36
FY 14-15	\$ 9,160	2,487	1,559	460	2,027	4,987	436	433	19	553	541	10	11	11	18	79	34
FY 15-16	\$ 9,280	2,456	1,520	451	2,009	4,894	428	402	21	603	572	9	17	11	16	103	27
FY 16-17	\$ 10,870	2,496	1,536	452	2,075	4,781	439	435	21	613	487	9	17	11	26	98	30
MEAN	\$ 9,651	2,371	1,483	461	2,076	4,944	433	419	20	578	518	10	16	11	19	93	32

**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 in Foster Care Receiving SMHS
Arriving, Exiting, and with Service Continuance by Fiscal Year
Statewide 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 &	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	10,495	25.1%	3,085	7.4%	3,515	8.4%	8,365	20.0%	14,600	34.9%	1,800	4.3%	41,860	100%
FY 14-15	10,675	25.2%	2,999	7.1%	3,651	8.6%	8,707	20.5%	14,609	34.5%	1,739	4.1%	42,380	100%
FY 15-16	10,142	24.4%	3,062	7.4%	3,484	8.4%	9,015	21.7%	14,143	34.0%	1,763	4.2%	41,609	100%
FY 16-17	10,146	25.5%	3,077	7.7%	3,507	8.8%	8,323	20.9%	13,027	32.7%	1,778	4.5%	39,858	100%

Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge*
Statewide 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	2,045	81.0%	260	10.3%	221	8.7%	0	338	8.9	1
FY 14-15	1,903	76.2%	299	12.0%	297	11.9%	0	361	11.6	1
FY 15-16	1,557	75.2%	243	11.7%	271	13.1%	0	360	12.5	1
FY 16-17	1,765	74.4%	323	13.6%	285	12.0%	0	312	10.3	1

* **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.