

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.*

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

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.

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

*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
San Bernardino 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	2,266		6,478	
FY 14-15	2,375	4.8%	7,015	8.3%
FY 15-16	2,510	5.7%	7,588	8.2%
FY 16-17	2,909	15.9%	8,134	7.2%
Compound Annual Growth Rate SFY**		8.7%		7.9%

**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
San Bernardino County as of June 8, 2018**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	437	19.3%	944	41.7%	661	29.2%	224	9.9%
FY 14-15	469	19.7%	923	38.9%	719	30.3%	264	11.1%
FY 15-16	538	21.4%	1,065	42.4%	665	26.5%	242	9.6%
FY 16-17	643	22.1%	1,225	42.1%	745	25.6%	296	10.2%

*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
San Bernardino 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	244	10.8%	384	16.9%	744	32.8%	729	32.2%	165	7.3%
FY 14-15	392	16.5%	467	19.7%	657	27.7%	737	31.0%	122	5.1%
FY 15-16	452	18.0%	534	21.3%	706	28.1%	679	27.1%	139	5.5%
FY 16-17	489	16.8%	559	19.2%	845	29.0%	833	28.6%	183	6.3%

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

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	991	43.7%	1,275	56.3%
FY 14-15	1,016	42.8%	1,359	57.2%
FY 15-16	1,149	45.8%	1,361	54.2%
FY 16-17	1,358	46.7%	1,551	53.3%

Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit**
San Bernardino 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	2,266	6,478	35.0%	2,375	7,015	33.9%	2,510	7,588	33.1%	2,909	8,134	35.8%
Children 0-2	244	1,290	18.9%	392	1,454	27.0%	452	1,554	29.1%	489	1,699	28.8%
Children 3-5	384	1,210	31.7%	467	1,370	34.1%	534	1,486	35.9%	559	1,524	36.7%
Children 6-11	744	1,727	43.1%	657	1,884	34.9%	706	2,135	33.1%	845	2,305	36.7%
Youth 12-17	729	1,603	45.5%	737	1,704	43.3%	679	1,725	39.4%	833	1,919	43.4%
Youth 18-20	165	648	25.5%	122	603	20.2%	139	688	20.2%	183	687	26.6%
Black	437	1,216	35.9%	469	1,281	36.6%	538	1,463	36.8%	643	1,544	41.6%
Hispanic	944	2,879	32.8%	923	3,076	30.0%	1,065	3,467	30.7%	1,225	3,742	32.7%
White	661	1,758	37.6%	719	1,957	36.7%	665	1,891	35.2%	745	1,928	38.6%
Other	224	625	35.8%	264	701	37.7%	242	767	31.6%	296	920	32.2%
Female	991	3,074	32.2%	1,016	3,356	30.3%	1,149	3,659	31.4%	1,358	3,964	34.3%
Male	1,275	3,404	37.5%	1,359	3,659	37.1%	1,361	3,929	34.6%	1,551	4,170	37.2%

*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**
San Bernardino 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	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	1,395	6,478	21.5%	1,626	7,015	23.2%	1,770	7,588	23.3%	2,122	8,134	26.1%
Children 0-2	139	1,290	10.8%	225	1,454	15.5%	272	1,554	17.5%	311	1,699	18.3%
Children 3-5	263	1,210	21.7%	320	1,370	23.4%	376	1,486	25.3%	379	1,524	24.9%
Children 6-11	433	1,727	25.1%	480	1,884	25.5%	539	2,135	25.2%	662	2,305	28.7%
Children 12-17	464	1,603	28.9%	519	1,704	30.5%	500	1,725	29.0%	639	1,919	33.3%
Youth 18-20	96	648	14.8%	82	603	13.6%	83	688	12.1%	131	687	19.1%
Black	302	1,216	24.8%	328	1,281	25.6%	391	1,463	26.7%	489	1,544	31.7%
Hispanic	523	2,879	18.2%	629	3,076	20.4%	749	3,467	21.6%	869	3,742	23.2%
White	430	1,758	24.5%	510	1,957	26.1%	473	1,891	25.0%	544	1,928	28.2%
Other	140	625	22.4%	159	701	22.7%	157	767	20.5%	220	920	23.9%
Female	592	3,074	19.3%	683	3,356	20.4%	793	3,659	21.7%	980	3,964	24.7%
Male	803	3,404	23.6%	943	3,659	25.8%	977	3,929	24.9%	1,142	4,170	27.4%

*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
San Bernardino 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	\$ 5,845	1,714	869	317	1,669	3,389	252	256	17	614	479	6	6	9	12	0	81
FY 14-15	\$ 6,158	2,577	1,130	305	1,578	3,202	296	380	15	633	419	4	13	8	38	0	77
FY 15-16	\$ 6,052	2,699	1,135	495	1,524	2,778	313	280	16	718	389	5	15	8	33	0	70
FY 16-17	\$ 6,982	2,563	1,058	453	1,613	3,843	339	346	20	799	384	4	1	9	56	0	59
MEAN	\$ 6,259	2,388	1,048	392	1,596	3,303	300	316	17	691	418	5	9	8	35	0	72

**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
San Bernardino 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 &	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	539	23.8%	95	4.2%	159	7.0%	408	18.0%	993	43.8%	72	3.2%	2,266	100%
FY 14-15	678	28.5%	84	3.5%	167	7.0%	495	20.8%	878	37.0%	73	3.1%	2,375	100%
FY 15-16	727	29.0%	108	4.3%	192	7.6%	578	23.0%	850	33.9%	55	2.2%	2,510	100%
FY 16-17	919	31.6%	155	5.3%	223	7.7%	614	21.1%	946	32.5%	52	1.8%	2,909	100%

Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge*
San Bernardino 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	115	78.2%	17	11.6%	15	10.2%	0	253	8.8	0
FY 14-15	105	60.3%	30	17.2%	39	22.4%	0	316	22.9	3
FY 15-16	87	77.7%	^	^	^	^	0	248	9.2	0
FY 16-17	170	86.7%	^	^	^	^	0	271	7.7	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.