

Performance Outcomes System Children in Foster Care Statewide Report

Report run on August 9, 2017

Background

Two reports will be created during each new reporting period. The reports that will be produced are as follows: statewide aggregate data and population-based county groups. 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 statewide aggregate 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. Two types of penetration information 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 snapshot report provides a point-in-time view of children arriving, exiting, and continuing services over a two-year period. 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 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 12/13 through FY 15/16.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 12/13 through FY15/16.
- Child Welfare Services/Case Management System (CWS/CMS) data for children in FY 12/13 through FY 15/16.

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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/provgovpart/pos/Pages/Performance-Outcomes-System-Reports-and-Measures-Catalog.aspx>

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 "^".

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

*The **penetration rates** reported here were calculated using a different methodology than that used by the External Quality Review Organization (EQRO). The differences in methodology make comparison between the POS penetration rates and the EQRO penetration rates not appropriate or useful. The POS methodology for calculating penetration rates was selected because it is easier to compute, more straightforward to interpret, and is in use by other states and counties. For the POS, the penetration rate is calculated by taking the total number of youth who received X number of SMHS (1 or 5 for POS) 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.

*The **snapshot** report provides a point-in-time look at children and youth's movement through the SMHS system. The report uses five 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/provgovpart/pos/Pages/Performance-Outcomes-System-Reports-and-Measures-Catalog.aspx>

*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 county of the hospital the patient is discharged from and whom has been attributed the time to next service in days used in the calculations for this indicator.

***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.

*DHCS analyzed the declines in the penetration rates and found that they were due to the Healthy Families transition and Affordable Care Act expansion, which resulted in a large and rapid increase in the number of children/youth who were enrolled in Medi-Cal. Examination of the number of children/youth accessing specialty mental health services showed modest growth. Penetration and utilization data will continue to be monitored over time as they become available.

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 August 9, 2017**

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 12-13	40,079		83,304	
FY 13-14	41,729	4.1%	87,888	5.5%
FY 14-15	42,190	1.1%	89,002	1.3%
FY 15-16	41,319	-2.1%	87,900	-1.2%
Compound Annual Growth Rate SFY**		1.0%		1.8%

*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 in Foster Care Receiving SMHS by Fiscal Year
Statewide as of August 9, 2017**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 12-13	8,235	20.5%	16,387	40.9%	10,489	26.2%	4,968	12.4%
FY 13-14	8,448	20.2%	17,613	42.2%	10,718	25.7%	4,950	11.9%
FY 14-15	8,775	20.8%	18,130	43.0%	10,477	24.8%	4,808	11.4%
FY 15-16	8,660	21.0%	18,173	44.0%	9,889	23.9%	4,597	11.1%

*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.

**The race/ethnicity data have changed considerably since it was last published in 2016. DHCS is currently performing analyses to determine the nature of these changes and may update this table, if needed.

**Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year
Statewide as of August 9, 2017**

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 12-13	3,560	8.9%	5,507	13.7%	11,585	28.9%	15,420	38.5%	4,007	10.0%
FY 13-14	3,768	9.0%	5,877	14.1%	12,647	30.3%	15,036	36.0%	4,401	10.5%
FY 14-15	3,902	9.2%	6,153	14.6%	13,134	31.1%	14,707	34.9%	4,294	10.2%
FY 15-16	3,772	9.1%	6,102	14.8%	13,245	32.1%	13,998	33.9%	4,202	10.2%

**Demographics Report: Unique Count of Children and Youth in Foster Care Receiving SMHS by Fiscal Year
Statewide as of August 9, 2017**

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 12-13	19,103	47.7%	20,976	52.3%
FY 13-14	20,006	47.9%	21,723	52.1%
FY 14-15	20,249	48.0%	21,941	52.0%
FY 15-16	19,946	48.3%	21,373	51.7%

Penetration Rates* Report: Children and Youth in Foster Care With At Least One SMHS Visit
Statewide as of August 9, 2017**

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	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	40,079	83,304	48.1%	41,729	87,888	47.5%	42,190	89,002	47.4%	41,319	87,900	47.0%
Children 0-2	3,560	15,165	23.5%	3,768	15,930	23.7%	3,902	16,224	24.1%	3,772	15,952	23.6%
Children 3-5	5,507	14,012	39.3%	5,877	14,654	40.1%	6,153	15,042	40.9%	6,102	14,793	41.2%
Children 6-11	11,585	20,067	57.7%	12,647	21,807	58.0%	13,134	22,553	58.2%	13,245	23,043	57.5%
Youth 12-17	15,420	24,834	62.1%	15,036	24,217	62.1%	14,707	23,685	62.1%	13,998	22,869	61.2%
Youth 18-20	4,007	9,226	43.4%	4,401	11,280	39.0%	4,294	11,498	37.3%	4,202	11,243	37.4%
Black	8,235	15,815	52.1%	8,448	16,526	51.1%	8,775	16,893	51.9%	8,660	16,715	51.8%
Hispanic	16,387	34,829	47.0%	17,613	37,488	47.0%	18,130	38,460	47.1%	18,173	38,848	46.8%
White	10,489	22,501	46.6%	10,718	23,215	46.2%	10,477	22,940	45.7%	9,889	21,636	45.7%
Other	4,968	10,159	48.9%	4,950	10,659	46.4%	4,808	10,709	44.9%	4,597	10,701	43.0%
Female	19,103	39,816	48.0%	20,006	42,049	47.6%	20,249	42,605	47.5%	19,946	42,266	47.2%
Male	20,976	43,488	48.2%	21,723	45,839	47.4%	21,941	46,397	47.3%	21,373	45,634	46.8%

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

Penetration Rates* Report: Children and Youth in Foster Care With Five or More SMHS Visits
Statewide as of August 9, 2017**

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	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	30,523	83,304	36.6%	31,365	87,888	35.7%	31,542	89,002	35.4%	30,775	87,900	35.0%
Children 0-2	1,863	15,165	12.3%	1,893	15,930	11.9%	2,020	16,224	12.5%	1,868	15,952	11.7%
Children 3-5	3,861	14,012	27.6%	3,998	14,654	27.3%	4,190	15,042	27.9%	4,104	14,793	27.7%
Children 6-11	8,996	20,067	44.8%	9,742	21,807	44.7%	10,025	22,553	44.5%	10,188	23,043	44.2%
Children 12-17	12,618	24,834	50.8%	12,237	24,217	50.5%	11,974	23,685	50.6%	11,354	22,869	49.6%
Youth 18-20	3,185	9,226	34.5%	3,495	11,280	31.0%	3,333	11,498	29.0%	3,261	11,243	29.0%
Black	6,524	15,815	41.3%	6,647	16,526	40.2%	6,782	16,893	40.1%	6,817	16,715	40.8%
Hispanic	12,215	34,829	35.1%	12,960	37,488	34.6%	13,315	38,460	34.6%	13,320	38,848	34.3%
White	7,930	22,501	35.2%	8,058	23,215	34.7%	7,840	22,940	34.2%	7,303	21,636	33.8%
Other	3,854	10,159	37.9%	3,700	10,659	34.7%	3,605	10,709	33.7%	3,335	10,701	31.2%
Female	14,493	39,816	36.4%	14,998	42,049	35.7%	15,082	42,605	35.4%	14,882	42,266	35.2%
Male	16,030	43,488	36.9%	16,367	45,839	35.7%	16,460	46,397	35.5%	15,893	45,634	34.8%

*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 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 Specialty Mental Health Services for Children and Youth in Foster Care
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year
Statewide as of August 9, 2017**

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 12-13	\$ 9,421.77	864	287	541	2,469	5,357	441	388	18	561	434	10	20	11	20	69	43
FY 13-14	\$ 9,277.45	2,041	1,318	481	2,192	5,116	430	404	19	549	473	11	19	11	17	92	35
FY 14-15	\$ 9,162.27	2,488	1,561	460	2,029	4,981	436	432	19	554	541	10	11	11	18	79	32
FY 15-16	\$ 9,332.80	2,471	1,531	452	2,022	4,914	430	403	21	604	572	9	17	11	16	103	26
MEAN	\$ 9,298.57	1,966	1,174	483	2,178	5,092	434	407	20	567	505	10	17	11	18	86	34

*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 August 9, 2017**

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 12-13	9,952	24.8%	3,234	8.1%	3,531	8.8%	8,321	20.8%	13,409	33.5%	1,632	4.1%	40,079	100%
FY 13-14	10,467	25.1%	3,056	7.3%	3,513	8.4%	8,358	20.0%	14,557	34.9%	1,778	4.3%	41,729	100%
FY 14-15	10,627	25.2%	2,990	7.1%	3,642	8.6%	8,677	20.6%	14,529	34.4%	1,725	4.1%	42,190	100%
FY 15-16	10,000	24.2%	3,044	7.4%	3,462	8.4%	8,976	21.7%	14,059	34.0%	1,778	4.3%	41,319	100%

**Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge
Statewide as of August 9, 2017**

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 12-13	1,914	79.8%	258	10.8%	227	9.5%	0	354	8.8	1
FY 13-14	2,033	80.9%	260	10.3%	220	8.8%	0	338	8.9	1
FY 14-15	1,889	76.3%	295	11.9%	293	11.8%	0	361	11.5	1
FY 15-16	1,565	75.3%	242	11.6%	271	13.0%	0	360	12.0	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. 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.