

Performance Outcomes System Children in Foster Care County 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 county 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.

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 Diego County 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	2,400		5,022	
FY 13-14	2,254	-6.1%	4,913	-2.2%
FY 14-15	2,298	2.0%	4,753	-3.3%
FY 15-16	1,963	-14.6%	4,387	-7.7%
Compound Annual Growth Rate SFY**		-6.5%		-4.4%

**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 Diego County as of August 9, 2017**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 12-13	472	19.7%	785	32.7%	747	31.1%	396	16.5%
FY 13-14	445	19.7%	743	33.0%	693	30.7%	373	16.5%
FY 14-15	495	21.5%	740	32.2%	695	30.2%	368	16.0%
FY 15-16	406	20.7%	610	31.1%	625	31.8%	322	16.4%

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 in Foster Care Receiving SMHS by Fiscal Year
San Diego County 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	274	11.4%	401	16.7%	716	29.8%	818	34.1%	191	8.0%
FY 13-14	299	13.3%	341	15.1%	668	29.6%	722	32.0%	224	9.9%
FY 14-15	348	15.1%	402	17.5%	662	28.8%	645	28.1%	241	10.5%
FY 15-16	253	12.9%	323	16.5%	584	29.8%	570	29.0%	233	11.9%

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

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 12-13	1,152	48.0%	1,248	52.0%
FY 13-14	1,065	47.2%	1,189	52.8%
FY 14-15	1,107	48.2%	1,191	51.8%
FY 15-16	977	49.8%	986	50.2%

Penetration Rates* Report: Children and Youth in Foster Care with At Least One SMHS Visit
San Diego County 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	2,400	5,022	47.8%	2,254	4,913	45.9%	2,298	4,753	48.3%	1,963	4,387	44.7%
Children 0-2	274	1,137	24.1%	299	1,121	26.7%	348	1,125	30.9%	253	1,017	24.9%
Children 3-5	401	958	41.9%	341	886	38.5%	402	870	46.2%	323	823	39.2%
Children 6-11	716	1,171	61.1%	668	1,171	57.0%	662	1,115	59.4%	584	1,054	55.4%
Youth 12-17	818	1,289	63.5%	722	1,143	63.2%	645	1,018	63.4%	570	905	63.0%
Youth 18-20	191	467	40.9%	224	592	37.8%	241	625	38.6%	233	588	39.6%
Black	472	938	50.3%	445	903	49.3%	495	880	56.3%	406	808	50.2%
Hispanic	785	1,756	44.7%	743	1,673	44.4%	740	1,588	46.6%	610	1,460	41.8%
White	747	1,519	49.2%	693	1,496	46.3%	695	1,439	48.3%	625	1,343	46.5%
Other	396	809	48.9%	373	841	44.4%	368	846	43.5%	322	776	41.5%
Female	1,152	2,452	47.0%	1,065	2,385	44.7%	1,107	2,320	47.7%	977	2,164	45.1%
Male	1,248	2,570	48.6%	1,189	2,528	47.0%	1,191	2,433	49.0%	986	2,223	44.4%

*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. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care sy.

**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
San Diego County 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	1,635	5,022	32.6%	1,553	4,913	31.6%	1,455	4,753	30.6%	1,347	4,387	30.7%
Children 0-2	41	1,137	3.6%	48	1,121	4.3%	50	1,125	4.4%	55	1,017	5.4%
Children 3-5	216	958	22.5%	196	886	22.1%	218	870	25.1%	185	823	22.5%
Children 6-11	534	1,171	45.6%	503	1,171	43.0%	456	1,115	40.9%	430	1,054	40.8%
Children 12-17	692	1,289	53.7%	626	1,143	54.8%	540	1,018	53.0%	489	905	54.0%
Youth 18-20	152	467	32.5%	180	592	30.4%	191	625	30.6%	188	588	32.0%
Black	340	938	36.2%	328	903	36.3%	340	880	38.6%	300	808	37.1%
Hispanic	507	1,756	28.9%	502	1,673	30.0%	454	1,588	28.6%	416	1,460	28.5%
White	502	1,519	33.0%	475	1,496	31.8%	437	1,439	30.4%	426	1,343	31.7%
Other	286	809	35.4%	248	841	29.5%	224	846	26.5%	205	776	26.4%
Female	790	2,452	32.2%	736	2,385	30.9%	684	2,320	29.5%	666	2,164	30.8%
Male	845	2,570	32.9%	817	2,528	32.3%	771	2,433	31.7%	681	2,223	30.6%

*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.

**Utilization Report*: Approved Specialty Mental Health Services for Children/Youth in Foster Care
Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year
San Diego County 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	\$ 7,804.11	0	0	179	1,389	5,983	367	213	11	621	421	3	16	6	12	0	107
FY 13-14	\$ 7,888.95	1,123	792	182	1,055	5,479	362	206	17	703	445	5	0	11	3	0	60
FY 14-15	\$ 6,952.40	1,298	941	208	951	4,135	343	170	12	546	615	2	0	14	11	0	45
FY 15-16	\$ 7,277.87	917	1,126	212	1,070	3,234	371	203	15	915	655	4	0	6	5	0	38
MEAN	\$ 7,480.83	1,113	953	195	1,116	4,708	361	198	14	696	534	4	16	9	7	0	62

*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 Diego County 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	438	18.3%	188	7.8%	205	8.5%	434	18.1%	1,029	42.9%	106	4.4%	2,400	100%
FY 13-14	417	18.5%	188	8.3%	177	7.9%	371	16.5%	1,006	44.6%	95	4.2%	2,254	100%
FY 14-15	439	19.1%	153	6.7%	153	6.7%	386	16.8%	1,070	46.6%	97	4.2%	2,298	100%
FY 15-16	390	19.9%	150	7.6%	148	7.5%	375	19.1%	831	42.3%	69	3.5%	1,963	100%

Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge*
San Diego County 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	78	76.5%	^	^	^	^	0	346	22.6	1
FY 13-14	94	77.7%	^	^	^	^	0	335	11.6	1
FY 14-15	74	70.5%	^	^	^	^	0	232	16.9	1
FY 15-16	42	67.7%	^	^	^	^	0	241	18.5	2

* **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.