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.*

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.

*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.

*T he **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 re port 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 Statewide 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	56,589		134,563	
FY 14-15	57,032	0.8%	135,005	0.3%
FY 15-16	55,284	-3.1%	130,018	-3.7%
FY 16-17	52,643	-4.8%	123,888	-4.7%
Compound Annual Growth Rate SFY**		**-2.4%**		**-2.7%**

**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

Statewide as of June 6, 2018

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	10,527	18.6%	26,676	47.1%	12,720	22.5%	6,666	11.8%
FY 14-15	10,625	18.6%	27,323	47.9%	12,443	21.8%	6,641	11.6%
FY 15-16	10,328	18.7%	26,689	48.3%	11,822	21.4%	6,445	11.7%
FY 16-17	9,803	18.6%	25,697	48.8%	11,006	20.9%	6,137	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 with an Open Child Welfare Case Receiving SMHS by Fiscal Year

Statewide 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	4,821	8.5%	8,130	14.4%	18,657	33.0%	19,908	35.2%	5,073	9.0%
FY 14-15	5,048	8.9%	8,452	14.8%	19,111	33.5%	19,444	34.1%	4,977	8.7%
FY 15-16	4,948	9.0%	8,260	14.9%	18,780	34.0%	18,478	33.4%	4,818	8.7%
FY 16-17	4,446	8.4%	7,903	15.0%	18,081	34.3%	17,651	33.5%	4,562	8.7%

Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year

Statewide as of June 6, 2018

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	27,140	48.0%	29,449	52.0%
FY 14-15	27,454	48.1%	29,578	51.9%
FY 15-16	26,752	48.4%	28,532	51.6%
FY 16-17	25,598	48.6%	27,045	51.4%

Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit**

Statewide 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	Penetratio n 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	**56,589**	**134,563**	**42.1%**	**57,032**	**135,005**	**42.2%**	**55,284**	**130,018**	**42.5%**	**52,643**	**123,888**	**42.5%**
Children 0-2	4,821	24,485	19.7%	5,048	24,727	20.4%	4,948	23,956	20.7%	4,446	22,798	19.5%
Children 3-5	8,130	23,810	34.1%	8,452	24,041	35.2%	8,260	23,056	35.8%	7,903	21,766	36.3%
Children 6-11	18,657	37,549	49.7%	19,111	38,155	50.1%	18,780	37,241	50.4%	18,081	35,887	50.4%
Youth 12-17	19,908	35,247	56.5%	19,444	34,259	56.8%	18,478	32,685	56.5%	17,651	30,855	57.2%
Youth 18-20	5,073	13,472	37.7%	4,977	13,823	36.0%	4,818	13,080	36.8%	4,562	12,582	36.3%
Black	10,527	23,199	45.4%	10,625	23,187	45.8%	10,328	22,025	46.9%	9,803	21,003	46.7%
Hispanic	26,676	64,787	41.2%	27,323	65,455	41.7%	26,689	63,563	42.0%	25,697	61,163	42.0%
White	12,720	30,621	41.5%	12,443	30,125	41.3%	11,822	28,411	41.6%	11,006	26,132	42.1%
Other	6,666	15,956	41.8%	6,641	16,238	40.9%	6,445	16,019	40.2%	6,137	15,590	39.4%
Female	27,140	64,938	41.8%	27,454	65,172	42.1%	26,752	62,876	42.5%	25,598	59,850	42.8%
Male	29,449	69,625	42.3%	29,578	69,833	42.4%	28,532	67,142	42.5%	27,045	64,038	42.2%

**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 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**

Statewide 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	42,087	134,563	31.3%	41,909	135,005	31.0%	40,674	130,018	31.3%	39,375	123,888	31.8%
Children 0-2	2,332	24,485	9.5%	2,525	24,727	10.2%	2,320	23,956	9.7%	2,256	22,798	9.9%
Children 3-5	5,454	23,810	22.9%	5,611	24,041	23.3%	5,476	23,056	23.8%	5,326	21,766	24.5%
Children 6-11	14,142	37,549	37.7%	14,250	38,155	37.3%	14,294	37,241	38.4%	13,957	35,887	38.9%
Children 12-17	16,164	35,247	45.9%	15,672	34,259	45.7%	14,897	32,685	45.6%	14,336	30,855	46.5%
Youth 18-20	3,995	13,472	29.7%	3,851	13,823	27.9%	3,687	13,080	28.2%	3,500	12,582	27.8%
Black	8,129	23,199	35.0%	8,012	23,187	34.6%	8,004	22,025	36.3%	7,688	21,003	36.6%
Hispanic	19,365	64,787	29.9%	19,653	65,455	30.0%	19,244	63,563	30.3%	19,042	61,163	31.1%
White	9,564	30,621	31.2%	9,264	30,125	30.8%	8,648	28,411	30.4%	8,087	26,132	30.9%
Other	5,029	15,956	31.5%	4,980	16,238	30.7%	4,778	16,019	29.8%	4,558	15,590	29.2%
Female	20,152	64,938	31.0%	20,009	65,172	30.7%	19,679	62,876	31.3%	19,068	59,850	31.9%
Male	21,935	69,625	31.5%	21,900	69,833	31.4%	20,995	67,142	31.3%	20,307	64,038	31.7%

**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 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
Statewide 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	$ 8,897	2,009	1,457	465	2,140	5,035	404	414	19	538	469	11	20	11	19	127	123
FY 14-15	$ 8,723	2,413	1,704	445	1,948	4,868	411	432	19	538	541	10	10	10	21	79	127
FY 15-16	$ 8,935	2,423	1,680	441	1,943	4,781	405	404	22	577	565	9	17	11	21	129	222
FY 16-17	$ 10,379	2,428	1,653	441	1,990	4,712	416	429	21	594	485	9	17	11	27	124	0
MEAN	**$ 9,234**	**2,318**	**1,624**	**448**	**2,005**	**4,849**	**409**	**419**	**20**	**562**	**515**	**10**	**16**	**11**	**22**	**115**	**157**

**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

Statewide 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	14,319	25.3%	3,594	6.4%	4,480	7.9%	11,882	21.0%	20,030	35.4%	2,284	4.0%	56,589	100%
FY 14-15	14,383	25.2%	3,468	6.1%	4,542	8.0%	12,195	21.4%	20,253	35.5%	2,191	3.8%	57,032	100%
FY 15-16	13,523	24.5%	3,476	6.3%	4,334	7.8%	12,329	22.3%	19,368	35.0%	2,254	4.1%	55,284	100%
FY 16-17	13,265	25.2%	3,388	6.4%	4,313	8.2%	11,447	21.7%	18,042	34.3%	2,188	4.2%	52,643	100%

Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge*

Statewide 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	2,729	79.5%	374	10.9%	328	9.6%	0	364	9.9	1
FY 14-15	2,448	75.1%	418	12.8%	395	12.1%	0	365	11.6	1
FY 15-16	2,054	75.3%	325	11.9%	347	12.7%	0	364	12.3	1
FY 16-17	2,196	74.0%	399	13.4%	372	12.5%	0	353	11.5	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.*