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.

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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.

*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.

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	1,052	J	2,227	
FY 14-15	1,198	13.9%	2,070	-7.0%
FY 15-16	1,032	-13.9%	1,911	-7.7%
FY 16-17	1,001	-3.0%	1,672	-12.5%
Compound Annual Growth Rate SFY**		-1.6%		-9.1%

^{*}SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

^{**}SFY = State Fiscal Year which is July 1 through June 30.

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
FY 13-14	308	29.3%	195	18.5%	89	8.5%	460	43.7%
FY 14-15	354	29.5%	220	18.4%	95	7.9%	529	44.2%
FY 15-16	299	29.0%	160	15.5%	83	8.0%	490	47.5%
FY 16-17	287	28.7%	165	16.5%	65	6.5%	484	48.4%

^{*}This report uses the Medi-Cal Eligibility Data System for racial data, while CDSS uses the Child Welfare Services/Case Management System.

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	71	6.7%	108	10.3%	292	27.8%	440	41.8%	141	13.4%
FY 14-15	122	10.2%	142	11.9%	353	29.5%	412	34.4%	169	14.1%
FY 15-16	107	10.4%	125	12.1%	299	29.0%	359	34.8%	142	13.8%
FY 16-17	117	11.7%	131	13.1%	270	27.0%	355	35.5%	128	12.8%

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	507	48.2%	545	51.8%
FY 14-15	562	46.9%	636	53.1%
FY 15-16	483	46.8%	549	53.2%
FY 16-17	508	50.7%	493	49.3%

Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit** San Francisco County 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	1,052	2,227	47.2%	1,198	2,070	57.9%	1,032	1,911	54.0%	1,001	1,672	59.9%
Children 0-2	71	337	21.1%	122	317	38.5%	107	305	35.1%	117	262	44.7%
Children 3-5	108	273	39.6%	142	273	52.0%	125	252	49.6%	131	230	57.0%
Children 6-11	292	524	55.7%	353	489	72.2%	299	450	66.4%	270	391	69.1%
Youth 12-17	440	689	63.9%	412	599	68.8%	359	563	63.8%	355	506	70.2%
Youth 18-20	141	404	34.9%	169	392	43.1%	142	341	41.6%	128	283	45.2%
Black	308	745	41.3%	354	646	54.8%	299	592	50.5%	287	470	61.1%
Hispanic	195	399	48.9%	220	376	58.5%	160	326	49.1%	165	294	56.1%
White	89	183	48.6%	95	166	57.2%	83	136	61.0%	65	113	57.5%
Other	460	900	51.1%	529	882	60.0%	490	857	57.2%	484	795	60.9%
Female	507	1,036	48.9%	562	953	59.0%	483	899	53.7%	508	822	61.8%
Male	545	1,191	45.8%	636	1,117	56.9%	549	1,012	54.2%	493	850	58.0%

^{*}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** San Francisco County 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	823	2,227	37.0%	865	2,070	41.8%	765	1,911	40.0%	718	1,672	42.9%
Children 0-2	42	337	12.5%	42	317	13.2%	48	305	15.7%	43	262	16.4%
Children 3-5	69	273	25.3%	83	273	30.4%	68	252	27.0%	73	230	31.7%
Children 6-11	233	524	44.5%	266	489	54.4%	241	450	53.6%	212	391	54.2%
Children 12-17	366	689	53.1%	344	599	57.4%	307	563	54.5%	292	506	57.7%
Youth 18-20	113	404	28.0%	130	392	33.2%	101	341	29.6%	98	283	34.6%
Black	240	745	32.2%	241	646	37.3%	223	592	37.7%	200	470	
Hispanic	146	399	36.6%	149	376	39.6%	103	326	31.6%	99	294	33.7%
White	67	183	36.6%	65	166	39.2%	66	136	48.5%	50	113	44.2%
Other	370	900	41.1%	410	882	46.5%	373	857	43.5%	369	795	46.4%
Female	401	1,036	38.7%	380	953	39.9%	343	899	38.2%	364	822	44.3%
Male	422	1,191	35.4%	485	1,117	43.4%	422	1,012	41.7%	354	850	41.6%

^{*}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.

^{**}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 San Francisco County as of June 6, 2018

Fiscal Year	SDMC Total Approved	IHBS (Minutes)	ICC (Minutes)	Case Management / Brokerage (Minutes)	Mental Health Services (Minutes)	Services	n Support	Crisis Interventio n (Minutes)	Stabilizatio	Full Day Treatment Intensive (Hours)	Full Day Rehabilitati on (Hours)	Hospital Inpatient (Days)	Hospital Inpatient Admin (Days)	Fee for Service Inpatient (Days)		Adult Residential Treatment Services (Days)	Health
FY 13-14	\$ 19,949	4,834	2,326	544	2,783	4,763	408	454	14	614	780	•	•	21	6	•	3
FY 14-15	\$ 20,839	4,965	2,023	435	2,402	5,115	394	446	28	234	610	6	6	14	14	90	17
FY 15-16	\$ 28,135	5,712	2,052	502	2,753	6,574	366	325	15	•	510	3	•	8	•	٠	•
FY 16-17	\$ 38,930	5,705	1,908	532	2,753	6,326	401	417	21		255			10	11	104	
MEAN	\$ 26,963	5,304	2,077	503	2,673	5,694	392	411	20	424	539	4	6	13	10	97	10

^{*}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

San Francisco County 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 %	Exiting	Arriving & Exiting %	Service Continuance (>= 2 YR) & Exiting Count	Service Continuance (>= 2 YR) and Exiting %	Total Count	Total %
FY 13-14	282	26.8%	130	12.4%	110	10.5%	185	17.6%	284	27.0%	61	5.8%	1,052	100%
FY 14-15	243	20.3%	119	9.9%	80	6.7%	250	20.9%	440	36.7%	66	5.5%	1,198	100%
FY 15-16	249	24.1%	96	9.3%	67	6.5%	210	20.3%	355	34.4%	55	5.3%	1,032	100%
FY 16-17	199	19.9%	86	8.6%	81	8.1%	180	18.0%	397	39.7%	58	5.8%	1,001	100%

Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge* San Francisco County 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	Discharges with Step Down between 8	Percentage of Inpatient Discharges with Step Down between 8 and 30 days of Discharge	Beneficiaries with a Step Down > 30 Days from Discharge or	Days from	Minimum Number of	The second secon	Mean Time to Next Contact Post Inpatient Discharge (Days)	to Next
FY 13-14	48	96.0%	۸	۸	۸	۸	0	260	5.9	0
FY 14-15	40	87.0%	۸	۸	۸	۸	0	89	4.2	0
FY 15-16	14	82.4%	۸	۸	۸	۸	0	138	13.2	0
FY 16-17	26	92.9%	^	^	^	^	0	91	3.6	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.