Performance Outcomes Adult Specialty Mental Health Services Report
Report Date March 22, 2018

Background

This report measures the effectiveness of adult specialty mental health services. It models reports developed to measure Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) mental health services as mandated by Welfare and Institutions Code Section 14707.5. The intent of these reports is to improve outcomes at the individual, program, and system levels and inform fiscal decision-making related to the purchase of services. Since 2012 DHCS has worked with several groups of stakeholders to create a structure for reporting, to develop a Performance Measurement Paradigm, and to design 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.asp

Overview

Three reports will be provided: statewide aggregate data; population-based county groups; and county-specific data. These aggregate reports provide adult information on the initial indicators that were developed for the Performance Outcomes System. DHCS plans to move to annual reporting of these data for the Performance Outcomes System. The first series of charts and tables focus on the demographics of adults 21* and older 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. Utilization of services reports are shown in terms of dollars, as well as by service in time increments. Two types of penetration information are provided; both penetration rate tables are also broken out by demographic characteristics. The snapshot table provides a point-in-time view of adults 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 stepdown services following inpatient discharge. Where possible, the reports provide trend information by displaying information for Fiscal Years (FY) 13/14, 14/15, 15/16, and 16/17.

Definitions

Population - 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.

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/MedCCC/Library/POSMeasuresCatalog_Sept15Reporting_Final_1.11.15.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, these data are represented as follows: 1) Data that are missing is indicated as "-" 2) Data that have been suppressed due to privacy concerns is indicated as "^".

Report Highlights

*County-specific findings may be interpreted alongside the POS statewide and population-based 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 makes comparison between the POS penetration rates and the EQRO penetration rates not appropriate nor 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 adults who received a number of SMHS (1 or 5 for POS) in a FY and dividing that by the total number of Medi-Cal eligible adults 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 fiscal responsibility for the patient and whom has been attributed the time to next service in days used in the calculations for this indicator.

Please contact cmhpos@dhcs.ca.gov for any questions regarding this report.

Demographics Report: Unique Count of Adults Receiving SMHS by Fiscal Year
San Diego County as of March 22, 2018

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Medi-Cal Eligibles	Year-Over-Year Percentage Change
FY 13-14	22,759		377,219	
FY 14-15	26,678	17.2%	500,625	32.7%
FY 15-16	26,344	-1.3%	562,732	12.4%
FY 16-17	25,669	-2.6%	585,689	4.1%
Compound Annual Growth Rate SFY**		**4.1%**		**15.8%**

**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 Adults Receiving SMHS by Fiscal Year
San Diego County as of March 22, 2018

Fiscal Year	Alaskan Native or American Indian Count	Alaskan Native or American Indian %	Asian or Pacific Islander Count	Asian or Pacific Islander %	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %	Unknown Count	Unknown %
FY 13-14	177	0.8%	1,615	7.1%	2,336	10.3%	3,660	16.1%	9,143	40.2%	2,289	10.1%	3,539	15.5%
FY 14-15	210	0.8%	1,791	6.7%	2,690	10.1%	4,313	16.2%	10,727	40.2%	3,064	11.5%	3,883	14.6%
FY 15-16	233	0.9%	1,764	6.7%	2,679	10.2%	4,360	16.6%	10,425	39.6%	3,149	12.0%	3,734	14.2%
FY 16-17	218	0.8%	1,606	6.3%	2,624	10.2%	4,414	17.2%	9,997	38.9%	3,244	12.6%	3,566	13.9%

**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 Adults Receiving SMHS by Fiscal Year
San Diego County as of March 22, 2018

Fiscal Year	Adults 21-44 Count	Adults 21-44 %	Adults 45-64 Count	Adults 45-64 %	Adults 65+ Count	Adults 65+ %
FY 13-14	10,376	45.6%	11,270	49.5%	1,113	4.9%
FY 14-15	12,959	48.6%	12,440	46.6%	1,279	4.8%
FY 15-16	12,984	49.3%	12,067	45.8%	1,293	4.9%
FY 16-17	12,627	49.2%	11,625	45.3%	1,417	5.5%

Demographics Report: Unique Count of Adults Receiving SMHS by Fiscal Year
San Diego County as of March 22, 2018

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 13-14	12,431	54.6%	10,328	45.4%
FY 14-15	13,986	52.4%	12,692	47.6%
FY 15-16	13,460	51.1%	12,884	48.9%
FY 16-17	12,924	50.3%	12,745	49.7%

Penetration Rates* Report: Adults With At Least One SMHS Visit**
San Diego County as of March 22, 2018

	FY 13-14			FY 14-15			FY 15-16			FY 16-17		
	Adults and Older Adults with 1 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetration Rate	Adults and Older Adults with 1 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetratio n Rate	Adults and Older Adults with 1 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetration Rate	Adults and Older Adults with 1 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetration Rate
All	**22,759**	**377,219**	**6.0%**	**26,678**	**500,625**	**5.3%**	**26,344**	**562,732**	**4.7%**	**25,669**	**585,689**	**4.4%**
Adults 21-44	10,376	177,295	5.9%	12,959	255,779	5.1%	12,984	295,442	4.4%	12,627	309,968	4.1%
Adults 45-64	11,270	129,359	8.7%	12,440	168,707	7.4%	12,067	185,394	6.5%	11,625	189,754	6.1%
Adults 65+	1,113	70,565	1.6%	1,279	76,139	1.7%	1,293	81,896	1.6%	1,417	85,967	1.6%
Alaskan Native or American India	177	2,009	8.8%	210	2,662	7.9%	233	2,967	7.9%	218	3,061	7.1%
Asian or Pacific Islander	1,615	46,137	3.5%	1,791	59,444	3.0%	1,764	66,753	2.6%	1,606	66,177	2.4%
Black	2,336	28,793	8.1%	2,690	35,469	7.6%	2,679	38,684	6.9%	2,624	39,580	6.6%
Hispanic	3,660	106,441	3.4%	4,313	144,124	3.0%	4,360	164,746	2.6%	4,414	176,337	2.5%
White	9,143	109,100	8.4%	10,727	143,239	7.5%	10,425	156,787	6.6%	9,997	159,200	6.3%
Other	2,289	51,220	4.5%	3,064	73,638	4.2%	3,149	87,244	3.6%	3,244	95,551	3.4%
Unknown	3,539	33,519	10.6%	3,883	42,049	9.2%	3,734	45,551	8.2%	3,566	45,783	7.8%
Female	12,431	218,318	5.7%	13,986	279,703	5.0%	13,460	311,433	4.3%	12,924	323,287	4.0%
Male	10,328	158,901	6.5%	12,692	220,922	5.7%	12,884	251,299	5.1%	12,745	262,402	4.9%

**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.*
***Adults and Older Adults at least one SMHS that was claimed through the Short-Doyle/ Medi-Cal claiming system on at least one (1) day in the Fiscal Year.*

Penetration Rates* Report: Adults With At Least One SMHS Visit**
San Diego County as of March 22, 2018

	FY 13-14			FY 14-15			FY 15-16			FY 16-17		
	Adults and Older Adults with 5 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetratio n Rate	Adults and Older Adults with 5 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetratio n Rate	Adults and Older Adults with 5 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetratio n Rate	Adults and Older Adults with 5 or more SMHS Visits	Certified Eligible Adults and Older Adults	Penetratio n Rate
All	**13,409**	**377,219**	**3.6%**	**15,735**	**500,625**	**3.1%**	**15,439**	**562,732**	**2.7%**	**14,547**	**585,689**	**2.5%**
Adults 21-44	5,935	177,295	3.3%	7,295	255,779	2.9%	7,318	295,442	2.5%	6,985	309,968	2.3%
Adults 45-64	6,896	129,359	5.3%	7,755	168,707	4.6%	7,408	185,394	4.0%	6,798	189,754	3.6%
Adults 65+	578	70,565	0.8%	685	76,139	0.9%	713	81,896	0.9%	764	85,967	0.9%
Alaskan Native or American In	101	2,009	5.0%	119	2,662	4.5%	125	2,967	4.2%	126	3,061	4.1%
Asian or Pacific Islander	897	46,137	1.9%	1,074	59,444	1.8%	1,009	66,753	1.5%	915	66,177	1.4%
Black	1,367	28,793	4.7%	1,544	35,469	4.4%	1,535	38,684	4.0%	1,481	39,580	3.7%
Hispanic	2,208	106,441	2.1%	2,487	144,124	1.7%	2,591	164,746	1.6%	2,472	176,337	1.4%
White	5,473	109,100	5.0%	6,399	143,239	4.5%	6,140	156,787	3.9%	5,746	159,200	3.6%
Other	1,188	51,220	2.3%	1,631	73,638	2.2%	1,681	87,244	1.9%	1,659	95,551	1.7%
Unknown	2,175	33,519	6.5%	2,481	42,049	5.9%	2,358	45,551	5.2%	2,148	45,783	4.7%
Female	7,180	218,318	3.3%	8,246	279,703	2.9%	7,906	311,433	2.5%	7,263	323,287	2.2%
Male	6,229	158,901	3.9%	7,489	220,922	3.4%	7,533	251,299	3.0%	7,284	262,402	2.8%

**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.*
***Adults and Older Adultsthat have received at least five SMHS that were claimed through the Short-Doyle/ Medi-Cal claiming system on at least five (5) or more different days in the Fiscal Y*

Utilization Report*: Approved Specialty Mental Health Services for Adults - Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year*
San Diego County as of March 22, 2018

Fiscal Year	SDMC Total Approved	Case Management/ Brokerage (Minutes)	Mental Health 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	$ 3,311	440	527	233	132	21	0	209	7	22	11	12	125	2
FY 14-15	$ 3,792	437	503	255	129	22	0	218	7	25	12	13	100	6
FY 15-16	$ 4,007	455	498	262	122	21	0	0	4	9	12	12	101	8
FY 16-17	$ 4,206	459	504	271	125	24	6	630	5	20	12	13	122	8
MEAN	**$ 3,829**	**448**	**508**	**255**	**127**	**22**	**6**	**352**	**6**	**19**	**12**	**13**	**112**	**6**

**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.
^ Data has been suppressed to protect patient privacy.

Snapshot Report: Unique Count of Adults Receiving SMHS
Arriving, Exiting, and with Service Continuance by Fiscal Year
San Diego County as of March 22, 2018

Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Adults that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Adults 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	Adults 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 Adults met both the criteria for Arrivals and Exiting above for the fiscal year.
Service Continuance &	A distinct category in which Adults 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	6,164	27.1%	2,787	12.2%	2,037	9.0%	2,539	11.2%	8,808	38.7%	424	1.9%	22,759	100%
FY 14-15	4,551	17.1%	2,708	10.2%	3,406	12.8%	4,373	16.4%	11,139	41.8%	500	1.9%	26,677	100%
FY 15-16	4,573	17.4%	3,180	12.1%	2,803	10.6%	4,172	15.8%	11,105	42.2%	511	1.9%	26,344	100%
FY 16-17	3,854	15.0%	3,136	12.2%	2,382	9.3%	4,250	16.6%	11,274	43.9%	773	3.0%	25,669	100%

Time to Step Down Report: Adults Stepping Down in SMHS Services Post Inpatient Discharge*
San Diego County as of March 22, 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	Percentage of Inpatient Discharges with Step Down Between 8 and 30 Days	Count of Inpatient Discharges with a Step Down > 30 Days from Discharge	Percentage of Inpatient Discharges with a Step Down > 30 Days from Discharge	Count of Inpatient Discharges with No Step Down*	Percentage of Inpatient Discharges with 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	1,929	53.2%	454	12.5%	807	22.3%	433	12.0%	0	364	35.3	5
FY 14-15	3,001	51.4%	780	13.4%	1,088	18.6%	968	16.6%	0	365	37.0	6
FY 15-16	3,072	49.3%	807	12.9%	1,343	21.6%	1,010	16.2%	0	365	40.7	7
FY 16-17	3,513	52.5%	797	11.9%	1,033	15.4%	1,346	20.1%	0	365	32.4	6

**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.*