

Performance Outcomes System Initial Population Based Reports

Large Population Counties as of July 29, 2015

Background

These reports are for the Performance Outcomes System and 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. Since 2012 DHCS has worked with several groups of stakeholders to create a structure for reporting, develop the Performance Measurement Paradigm, and develop indicators and measures. The seven domains of the paradigm selected for evaluation reflect the domains established at the national level by Substance Abuse and Mental Health Services Administration (SAMHSA). The Performance Outcomes System provides data that can be used to evaluate the domains of access, engagement, service appropriateness to need, service effectiveness, linkages, cost effectiveness and satisfaction.

Purpose and Overview

Population-based county grouped data is presented in this report. County groups are organized into the following four groups based on county population: small-rural, small, medium, and large counties. The counties in each group are listed on pages 13 and 14 in the Measures Catalog. These are the initial population-based county grouped reports and are planned to be updated annually.

The report focuses on the demographics of children and youth under 21 who are receiving Specialty Mental Health Services (SMHS) based on approved claims for Medi-Cal eligible beneficiaries. The report includes data on the demographics of this population by age, gender, and race/ethnicity. Two types of penetration information is 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 data provides a point-in-time view of children/youth 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.

As possible, the report provides trend information by displaying information for Fiscal Years (FY) 10/11, 11/12, 12/13, and 13/14.

Note: Data may not be reported for one of two reasons. 1) Data is missing and this is indicated by a "-" 2) Data has been suppressed due to privacy concerns and this is indicated by a "A".

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; or
- Age 21 during the approved date of the service on the claim and a birth date on or after January 1st of the Fiscal Year.

Data Sources -

- Short-Doyle/Medi-Cal II (SD/MC II) claims with dates of service in FY 10/11 through FY 13/14.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 10/11 through FY 13/14.

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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.

http://www.dhcs.ca.gov/services/MH/Documents/MedCCC/Library/POSMeasuresCatalog_Sept15Reporting_Final_1.11.15.pdf

Report Highlights

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 reporting². Due to privacy concerns, some cells in this report have been suppressed to comply with state and federal rules.

The demographic reports provide information about county children and youth by race, age, and gender for the past four fiscal years. The first penetration reports use the same breakdowns of race, age, and gender for all county SMHS children and youth.

- Count of children and youth certified eligible to receive services in FY 13/14: 2,998,399
- Count of children and youth receiving services in FY 13/14: 118,222
- Countywide, one contact, penetration rate in FY 13/14: 3.9%

The second penetration report provides information on county children and youth with five or more SMHS visits in a fiscal year, for the past four fiscal years.

- Count of children and youth with 5 or more visits in FY 13/14: 88,487
- Penetration rate of children and youth with 5 or more visits in FY 13/14: 3.0%

The approved services report provides the numbers of minutes or days of services for each beneficiary for the past four fiscal years.

Average per beneficiary expenditure for children and youth for approved services in FY 13/14: \$5,682.17

The snapshot report provides counts and percentages of children and youth arriving, exiting, and continuing to receive services in county in the past two fiscal years.

The final report provides insights into how soon following discharge from inpatient services a beneficiary received step-down follow-up services.

- The median time to step-down following inpatient discharge for children and youth in the Large county grouping was 2 days

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

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County Groupings

Counties are grouped by population, as follows:

Category:

Small Rural: Population is less than 50,000

Small: Population is 50,000-199,999

Medium: Population is 200,000-749,000

Large: Population is 750,000-3,999,999

Very Large: 4,000,000 or greater

Counties in each Category:

Small Rural: Alpine, Amador, Calaveras, Colusa, Del Norte, Glenn, Inyo, Lassen, Mariposa, Modoc, Mono, Plumas, Sierra, Siskiyou, Trinity

Small: El Dorado, Humboldt, Imperial, Kings, Lake, Madera, Mendocino, Napa, Nevada, San Benito, Shasta, Sutter, Tehama, Tuolumne, Yuba

Medium: Butte, Marin, Merced, Monterey, Placer, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Cruz, Solano, Sonoma, Stanislaus, Tulare, Yolo Large: Alameda, Contra Costa, Fresno, Kern, Orange, Riverside, Sacramento, San Bernardino, San Diego, San Francisco, Santa Clara, Ventura

Very Large: Los Angeles

Population information is provided for each county (on pages 9 and 10) of the Measures Catalog.

http://www.dhcs.ca.gov/individuals/Documents/POS%20Measures%20Catalog_2.17.15.pdf

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Large Population Counties as of July 29, 2015**

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Medi-Cal Eligibles	Year-Over-Year Percentage Change
FY 10-11	96,429		2,254,732	
FY 11-12	101,036	4.8%	2,315,983	2.7%
FY 12-13	108,729	7.6%	2,693,821	16.3%
FY 13-14	118,222	8.7%	2,998,399	11.3%
Compound Annual Growth Rate SFY**		7.0%		10.0%

*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 Receiving SMHS by Fiscal Year
Large Population Counties as of July 29, 2015**

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 10-11	625	0.6%	3,528	3.7%	17,838	18.5%	42,589	44.2%	24,404	25.3%	2,126	2.2%	5,319	5.5%
FY 11-12	604	0.6%	3,699	3.7%	17,734	17.6%	45,445	45.0%	25,050	24.8%	2,498	2.5%	6,006	5.9%
FY 12-13	584	0.5%	4,080	3.8%	17,505	16.1%	50,504	46.4%	25,849	23.8%	3,259	3.0%	6,948	6.4%
FY 13-14	549	0.5%	4,801	4.1%	17,228	14.6%	56,299	47.6%	26,892	22.7%	4,053	3.4%	8,400	7.1%

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Large Population Counties as of July 29, 2015**

Fiscal Year	Children 0 5 Count	Children 0 5 %	Children 6 11 Count	Children 6 11 %	Children 12 17 Count	Children 12-17 %	Youth 18-20 Count	Youth 18-20 %
FY 10-11	12,422	12.9%	31,520	32.7%	41,590	43.1%	10,897	11.3%
FY 11-12	12,564	12.4%	34,069	33.7%	42,150	41.7%	12,253	12.1%
FY 12-13	12,728	11.7%	37,223	34.2%	45,830	42.2%	12,948	11.9%
FY 13-14	12,987	11.0%	40,370	34.1%	50,641	42.8%	14,224	12.0%

**Demographics Report: Unique Count of Children and Youth by Fiscal Year
Large Population Counties as of July 29, 2015**

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 10-11	40,576	42.1%	55,853	57.9%
FY 11-12	42,704	42.3%	58,332	57.7%
FY 12-13	46,372	42.6%	62,357	57.4%
FY 13-14	51,468	43.5%	66,754	56.5%

Penetration Rates* Report: Children and Youth With At Least One SMHS Visit
Large Population Counties as of July 29, 2015**

	FY 10-11			FY 11-12			FY 12-13			FY 13-14		
	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 1 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate
All	96,429	2,254,732	4.3%	101,036	2,315,983	4.4%	108,729	2,693,821	4.0%	118,222	2,998,399	3.9%
Children 0-5	12,422	871,698	1.4%	12,564	868,303	1.4%	12,728	915,634	1.4%	12,987	943,547	1.4%
Children 6-11	31,520	594,850	5.3%	34,069	622,816	5.5%	37,223	786,540	4.7%	40,370	881,535	4.6%
Children 12-17	41,590	520,989	8.0%	42,150	533,665	7.9%	45,830	676,414	6.8%	50,641	768,775	6.6%
Youth 18-20	10,897	267,195	4.1%	12,253	291,199	4.2%	12,948	315,233	4.1%	14,224	404,542	3.5%
Alaskan Native or American Indian	625	7,506	8.3%	604	7,447	8.1%	584	7,778	7.5%	549	8,315	6.6%
Asian or Pacific Islander	3,528	201,829	1.7%	3,699	202,481	1.8%	4,080	253,995	1.6%	4,801	304,813	1.6%
Black	17,838	230,899	7.7%	17,734	234,566	7.6%	17,505	241,189	7.3%	17,228	248,062	6.9%
Hispanic	42,589	1,260,169	3.4%	45,445	1,297,538	3.5%	50,504	1,506,120	3.4%	56,299	1,619,182	3.5%
White	24,404	329,265	7.4%	25,050	336,143	7.5%	25,849	374,602	6.9%	26,892	429,848	6.3%
Other	2,126	83,072	2.6%	2,498	87,091	2.9%	3,259	117,621	2.8%	4,053	151,230	2.7%
Unknown	5,319	141,992	3.7%	6,006	150,717	4.0%	6,948	192,516	3.6%	8,400	236,949	3.5%
Female	40,576	1,120,234	3.6%	42,704	1,152,376	3.7%	46,372	1,334,526	3.5%	51,468	1,482,220	3.5%
Male	55,853	1,134,498	4.9%	58,332	1,163,607	5.0%	62,357	1,359,295	4.6%	66,754	1,516,179	4.4%

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits
Large Population Counties as of July 29, 2015**

	FY 10-11			FY 11-12			FY 12-13			FY 13-14		
	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate	Children and Youth with 5 or more SMHS Visits	Certified Eligible Children and Youth	Penetration Rate
All	71,696	2,254,732	3.2%	74,889	2,315,983	3.2%	80,578	2,693,821	3.0%	88,487	2,998,399	3.0%
Children 0-5	7,858	871,698	0.9%	8,123	868,303	0.9%	8,288	915,634	0.9%	8,478	943,547	0.9%
Children 6-11	24,517	594,850	4.1%	26,391	622,816	4.2%	28,601	786,540	3.6%	31,449	881,535	3.6%
Children 12-17	32,022	520,989	6.1%	32,344	533,665	6.1%	34,892	676,414	5.2%	38,802	768,775	5.0%
Youth 18-20	7,299	267,195	2.7%	8,189	291,199	2.8%	8,797	315,233	2.8%	9,758	404,542	2.4%
Alaskan Native or American Indian	460	7,506	6.1%	458	7,447	6.2%	459	7,778	5.9%	414	8,315	5.0%
Asian or Pacific Islander	2,711	201,829	1.3%	2,814	202,481	1.4%	3,133	253,995	1.2%	3,650	304,813	1.2%
Black	13,632	230,899	5.9%	13,637	234,566	5.8%	13,482	241,189	5.6%	13,259	248,062	5.3%
Hispanic	30,901	1,260,169	2.5%	32,958	1,297,538	2.5%	36,608	1,506,120	2.4%	41,440	1,619,182	2.6%
White	18,125	329,265	5.5%	18,125	336,143	5.4%	19,105	374,602	5.1%	20,083	429,848	4.7%
Other	1,632	83,072	2.0%	1,919	87,091	2.2%	2,459	117,621	2.1%	3,115	151,230	2.1%
Unknown	4,235	141,992	3.0%	4,663	150,717	3.1%	5,332	192,516	2.8%	6,526	236,949	2.8%
Female	29,613	1,120,234	2.6%	31,422	1,152,376	2.7%	34,121	1,334,526	2.6%	38,119	1,482,220	2.6%
Male	42,083	1,134,498	3.7%	43,625	1,163,607	3.7%	46,457	1,359,295	3.4%	50,368	1,516,179	3.3%

**Utilization Report*: Approved Specialty Mental Health Services for Children and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Large Population Counties as of July 29, 2015**

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)**	Crisis Residential Treatment Services (Days)	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 10-11	\$ 5,030.59	0	0	529	1,615	5,492	267	219	13	576	451	N/A	N/A	14	90	11
FY 11-12	\$ 4,878.35	0	0	540	1,557	4,914	267	227	13	574	388	N/A	N/A	12	61	11
FY 12-13	\$ 5,751.06	846	314	461	1,494	4,759	262	224	14	566	438	N/A	N/A	17	81	11
FY 13-14	\$ 5,682.17	2,357	1,050	427	1,488	4,629	264	230	15	534	441	N/A	N/A	18	99	11
MEAN	\$ 5,335.54	1,602	682	489	1,538	4,948	265	225	14	563	429	N/A	N/A	15	83	11

Fiscal Year	SDMC Total Unique Beneficiary Count	IHBS (Unique Beneficiary Count)	ICC (Unique Beneficiary Count)	Case Management/ Brokerage (Unique Beneficiary Count)	Mental Health Services (Unique Beneficiary Count)	Therapeutic Behavioral Services (Unique Beneficiary Count)	Medication Support Services (Unique Beneficiary Count)	Crisis Intervention (Unique Beneficiary Count)	Crisis Stabilization (Unique Beneficiary Count)	Full Day Treatment Intensive (Unique Beneficiary Count)	Full Day Rehabilitation (Unique Beneficiary Count)	Hospital Inpatient (Unique Beneficiary Count)**	Hospital Inpatient Admin (Unique Beneficiary Count)**	Crisis Residential Treatment Services (Unique Beneficiary Count)	Adult Residential Treatment Services (Unique Beneficiary Count)	Psychiatric Health Facility (Unique Beneficiary Count)
FY 10-11	96,882	0	0	37,639	88,650	3,550	32,182	6,214	4,242	1,516	999	N/A	N/A	107	37	329
FY 11-12	101,444	0	0	38,860	92,743	3,823	33,587	6,125	4,366	1,432	1,289	N/A	N/A	144	51	347
FY 12-13	109,276	107	100	40,808	100,241	4,126	36,161	6,879	5,466	946	1,499	N/A	N/A	178	57	448
FY 13-14	118,966	1,294	2,184	44,770	109,186	4,353	38,488	7,391	6,355	797	1,280	N/A	N/A	257	67	440

**This data will be available in June, 2016

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 Receiving SMHS
Arriving, Exiting, and with Service Continuance by Fiscal Year
Large Population Counties as of August 3, 2015**

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	27,639	25.4%	6,638	6.1%	7,712	7.1%	19,115	17.6%	42,250	38.9%	5,378	4.9%	108,732	100%
FY 13-14	24,673	21.0%	6,737	5.7%	8,698	7.4%	23,397	19.9%	47,780	40.6%	6,464	5.5%	117,749	100%

**Time to Step Down Report: Children and Youth Stepping Down in SMHS Services Post Inpatient Discharge
Large Population Counties as of July 28, 2015**

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 within 30 Days of Discharge	Percentage of Inpatient Discharges with Step Down within 30 Days of Discharge	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 10-11	6,073	54.5%	7,957	71.4%	2,263	20.3%	930	8.3%	0	1,698	57.4	4
FY 11-12	5,087	57.7%	6,498	73.7%	1,551	17.6%	769	8.7%	0	1,303	41.9	3
FY 12-13	5,428	64.8%	6,556	78.2%	1,066	12.7%	761	9.1%	0	910	26.2	1
FY 13-14	5,987	62.3%	7,426	77.3%	1,085	11.3%	1,096	11.4%	0	624	18.2	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