

Performance Outcomes System Initial Population Based Reports

Medium 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: 949,848
- Count of children and youth receiving services in FY 13/14: 35,692
- Countywide, one contact, penetration rate in FY 13/14: 3.8%

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: 26,102
- Penetration rate of children and youth with 5 or more visits in FY 13/14: 2.7%

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: \$5,428.04

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 Medium county grouping was 0 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
Medium 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	29,085		719,945	
FY 11-12	30,541	5.0%	739,521	2.7%
FY 12-13	33,439	9.5%	839,712	13.5%
FY 13-14	35,692	6.7%	949,848	13.1%
Compound Annual Growth Rate SFY**		7.1%		9.7%

*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 Receiving SMHS by Fiscal Year
Medium 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	258	0.9%	652	2.2%	2,470	8.5%	12,280	42.2%	11,426	39.3%	357	1.2%	1,642	5.6%
FY 11-12	248	0.8%	758	2.5%	2,457	8.0%	13,161	43.1%	11,566	37.9%	429	1.4%	1,922	6.3%
FY 12-13	251	0.8%	831	2.5%	2,523	7.5%	14,918	44.6%	12,141	36.3%	600	1.8%	2,175	6.5%
FY 13-14	256	0.7%	956	2.7%	2,529	7.1%	16,234	45.5%	12,298	34.5%	765	2.1%	2,654	7.4%

**Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Medium 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	3,725	12.8%	9,525	32.7%	12,376	42.6%	3,459	11.9%
FY 11-12	4,041	13.2%	10,192	33.4%	12,599	41.3%	3,709	12.1%
FY 12-13	4,350	13.0%	11,286	33.8%	13,877	41.5%	3,926	11.7%
FY 13-14	4,304	12.1%	11,806	33.1%	15,316	42.9%	4,266	12.0%

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

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 10-11	12,379	42.6%	16,706	57.4%
FY 11-12	13,072	42.8%	17,469	57.2%
FY 12-13	14,631	43.8%	18,808	56.2%
FY 13-14	15,890	44.5%	19,802	55.5%

Penetration Rates* Report: Children and Youth With At Least One SMHS Visit
Medium 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	29,085	719,945	4.0%	30,541	739,521	4.1%	33,439	839,712	4.0%	35,692	949,848	3.8%
Children 0-5	3,725	285,986	1.3%	4,041	285,907	1.4%	4,350	296,888	1.5%	4,304	309,387	1.4%
Children 6-11	9,525	190,487	5.0%	10,192	199,950	5.1%	11,286	247,041	4.6%	11,806	284,094	4.2%
Children 12-17	12,376	156,905	7.9%	12,599	160,884	7.8%	13,877	197,635	7.0%	15,316	233,230	6.6%
Youth 18-20	3,459	86,567	4.0%	3,709	92,780	4.0%	3,926	98,148	4.0%	4,266	123,137	3.5%
Alaskan Native or American Indian	258	3,559	7.2%	248	3,562	7.0%	251	3,541	7.1%	256	3,771	6.8%
Asian or Pacific Islander	652	48,768	1.3%	758	48,603	1.6%	831	54,561	1.5%	956	66,800	1.4%
Black	2,470	40,893	6.0%	2,457	40,666	6.0%	2,523	41,418	6.1%	2,529	42,870	5.9%
Hispanic	12,280	390,217	3.1%	13,161	402,767	3.3%	14,918	464,113	3.2%	16,234	510,036	3.2%
White	11,426	178,028	6.4%	11,566	180,984	6.4%	12,141	197,478	6.1%	12,298	224,050	5.5%
Other	357	15,950	2.2%	429	16,657	2.6%	600	21,985	2.7%	765	31,112	2.5%
Unknown	1,642	42,530	3.9%	1,922	46,282	4.2%	2,175	56,616	3.8%	2,654	71,209	3.7%
Female	12,379	357,150	3.5%	13,072	367,364	3.6%	14,631	416,069	3.5%	15,890	469,653	3.4%
Male	16,706	362,795	4.6%	17,469	372,157	4.7%	18,808	423,643	4.4%	19,802	480,195	4.1%

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits
Medium 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	21,260	719,945	3.0%	22,420	739,521	3.0%	24,564	839,712	2.9%	26,102	949,848	2.7%
Children 0-5	2,479	285,986	0.9%	2,741	285,907	1.0%	2,844	296,888	1.0%	2,767	309,387	0.9%
Children 6-11	7,295	190,487	3.8%	7,754	199,950	3.9%	8,680	247,041	3.5%	9,023	284,094	3.2%
Children 12-17	9,302	156,905	5.9%	9,522	160,884	5.9%	10,468	197,635	5.3%	11,524	233,230	4.9%
Youth 18-20	2,184	86,567	2.5%	2,457	92,780	2.6%	2,572	98,148	2.6%	2,788	123,137	2.3%
Alaskan Native or American Indian	181	3,559	5.1%	195	3,562	5.5%	185	3,541	5.2%	186	3,771	4.9%
Asian or Pacific Islander	425	48,768	0.9%	524	48,603	1.1%	590	54,561	1.1%	668	66,800	1.0%
Black	1,777	40,893	4.3%	1,784	40,666	4.4%	1,793	41,418	4.3%	1,754	42,870	4.1%
Hispanic	8,837	390,217	2.3%	9,483	402,767	2.4%	10,844	464,113	2.3%	11,718	510,036	2.3%
White	8,450	178,028	4.7%	8,450	180,984	4.7%	8,996	197,478	4.6%	9,155	224,050	4.1%
Other	271	15,950	1.7%	341	16,657	2.0%	477	21,985	2.2%	575	31,112	1.8%
Unknown	1,319	42,530	3.1%	1,534	46,282	3.3%	1,679	56,616	3.0%	2,046	71,209	2.9%
Female	8,835	357,150	2.5%	9,469	367,364	2.6%	10,575	416,069	2.5%	11,416	469,653	2.4%
Male	12,425	362,795	3.4%	13,005	372,157	3.5%	13,989	423,643	3.3%	14,686	480,195	3.1%

**Utilization Report*: Approved Specialty Mental Health Services for Children and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Medium 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	\$ 5,132.40	0	0	405	1,568	5,631	349	218	15	607	546	N/A	N/A	17	63	5
FY 11-12	\$ 4,985.05	0	0	363	1,556	5,516	351	228	18	504	425	N/A	N/A	15	77	5
FY 12-13	\$ 5,032.15	0	0	331	1,485	4,893	343	209	17	550	566	N/A	N/A	21	88	7
FY 13-14	\$ 5,428.04	1,417	524	333	1,483	4,974	332	225	17	510	584	N/A	N/A	18	79	9
MEAN	\$ 5,144.41	1,417	524	358	1,523	5,253	344	220	17	543	530	N/A	N/A	18	76	6

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	29,484	0	0	13,520	26,961	924	8,595	3,398	398	202	161	N/A	N/A	72	27	146
FY 11-12	30,988	0	0	14,984	28,465	1,015	8,812	3,392	527	215	135	N/A	N/A	92	24	184
FY 12-13	33,968	0	0	16,127	31,490	1,141	9,400	3,508	669	207	71	N/A	N/A	85	28	209
FY 13-14	36,205	557	936	17,729	33,445	1,169	9,852	4,119	785	169	94	N/A	N/A	95	34	228

**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
Medium 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	8,857	26.5%	2,154	6.4%	2,357	7.0%	5,837	17.5%	12,712	38.0%	1,523	4.6%	33,440	100%
FY 13-14	8,052	22.6%	2,304	6.5%	2,829	7.9%	6,994	19.6%	13,574	38.1%	1,847	5.2%	35,600	100%

**Time to Step Down Report: Children and Youth Stepping Down in SMHS Services Post Inpatient Discharge
Medium 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	382	61.9%	466	75.5%	85	13.8%	66	10.7%	0	1,402	37.9	2
FY 11-12	584	71.0%	687	83.5%	85	10.3%	51	6.2%	0	970	28.4	0
FY 12-13	597	78.4%	649	85.3%	50	6.6%	62	8.1%	0	676	17.2	0
FY 13-14	635	73.5%	715	82.8%	67	7.8%	82	9.5%	0	473	13.6	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. This category may include data currently unavailable to DHCS, such as beneficiaries that