Performance Outcomes System Initial Population Based Reports

Small 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 "^".

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 reporting. 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: 290,031
-Count of children and youth receiving services in FY 13/14: 14,090
-Countywide, one contact, penetration rate in FY 13/14: 4.9%

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: 10,234
-Penetration rate of children and youth with 5 or more visits in FY 13/14: 3.5%

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: $4,470.35

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 Small county grouping was 7 days

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

Performance Outcomes System Initial Population Based Reports

Small Population Counties as of July 29, 2015

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
Small 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	12,016		227,827	
FY 11-12	12,362	2.9%	232,775	2.2%
FY 12-13	12,645	2.3%	248,884	6.9%
FY 13-14	14,090	11.4%	290,031	16.5%
Compound Annual Growth Rate SFY**		**5.5%**		**8.4%**

**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
Small 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	332	2.8%	101	0.8%	402	3.3%	4,018	33.4%	6,481	53.9%	16	0.1%	666	5.5%
FY 11-12	382	3.1%	92	0.7%	374	3.0%	4,241	34.3%	6,427	52.0%	17	0.1%	829	6.7%
FY 12-13	351	2.8%	88	0.7%	372	2.9%	4,553	36.0%	6,346	50.2%	12	0.1%	923	7.3%
FY 13-14	383	2.7%	119	0.8%	413	2.9%	5,363	38.1%	6,644	47.2%	43	0.3%	1,125	8.0%

Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Small 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	1,009	8.4%	4,250	35.4%	5,227	43.5%	1,530	12.7%
FY 11-12	1,080	8.7%	4,464	36.1%	5,186	42.0%	1,632	13.2%
FY 12-13	1,143	9.0%	4,631	36.6%	5,220	41.3%	1,651	13.1%
FY 13-14	1,204	8.5%	5,137	36.5%	5,942	42.2%	1,807	12.8%

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

Fiscal Year	Female Count	Female %	Male Count	Male %
FY 10-11	4,901	40.8%	7,115	59.2%
FY 11-12	5,112	41.4%	7,250	58.6%
FY 12-13	5,177	40.9%	7,468	59.1%
FY 13-14	6,027	42.8%	8,063	57.2%

Penetration Rates* Report: Children and Youth With At Least One SMHS Visit**
Small 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	**12,016**	**227,827**	**5.3%**	**12,362**	**232,775**	**5.3%**	**12,645**	**248,884**	**5.1%**	**14,090**	**290,031**	**4.9%**
Children 0-5	1,009	86,495	1.2%	1,080	86,486	1.2%	1,143	88,203	1.3%	1,204	94,029	1.3%
Children 6-11	4,250	59,511	7.1%	4,464	62,032	7.2%	4,631	70,425	6.6%	5,137	84,937	6.0%
Children 12-17	5,227	51,468	10.2%	5,186	52,624	9.9%	5,220	58,529	8.9%	5,942	72,362	8.2%
Youth 18-20	1,530	30,353	5.0%	1,632	31,633	5.2%	1,651	31,727	5.2%	1,807	38,703	4.7%
Alaskan Native or American Indian	332	5,729	5.8%	382	5,584	6.8%	351	5,595	6.3%	383	5,992	6.4%
Asian or Pacific Islander	101	6,841	1.5%	92	6,819	1.3%	88	7,230	1.2%	119	9,450	1.3%
Black	402	5,452	7.4%	374	5,291	7.1%	372	5,317	7.0%	413	5,444	7.6%
Hispanic	4,018	110,754	3.6%	4,241	113,970	3.7%	4,553	123,720	3.7%	5,363	140,056	3.8%
White	6,481	84,637	7.7%	6,427	84,638	7.6%	6,346	86,225	7.4%	6,644	98,979	6.7%
Other	16	1,499	1.1%	17	1,210	1.4%	12	1,109	1.1%	43	1,918	2.2%
Unknown	666	12,915	5.2%	829	15,263	5.4%	923	19,688	4.7%	1,125	28,192	4.0%
Female	4,901	112,742	4.3%	5,112	115,183	4.4%	5,177	123,112	4.2%	6,027	143,049	4.2%
Male	7,115	115,085	6.2%	7,250	117,592	6.2%	7,468	125,772	5.9%	8,063	146,982	5.5%

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits**
Small 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	**8,927**	**227,827**	**3.9%**	**9,170**	**232,775**	**3.9%**	**9,280**	**248,884**	**3.7%**	**10,234**	**290,031**	**3.5%**
Children 0-5	658	86,495	0.8%	683	86,486	0.8%	693	88,203	0.8%	718	94,029	0.8%
Children 6-11	3,321	59,511	5.6%	3,458	62,032	5.6%	3,526	70,425	5.0%	3,969	84,937	4.7%
Children 12-17	3,976	51,468	7.7%	3,956	52,624	7.5%	3,965	58,529	6.8%	4,409	72,362	6.1%
Youth 18-20	972	30,353	3.2%	1,036	31,633	3.3%	1,096	31,727	3.5%	1,138	38,703	2.9%
Alaskan Native or American Indian	252	5,729	4.4%	272	5,584	4.9%	255	5,595	4.6%	272	5,992	4.5%
Asian or Pacific Islander	72	6,841	1.1%	58	6,819	0.9%	62	7,230	0.9%	80	9,450	0.8%
Black	298	5,452	5.5%	270	5,291	5.1%	272	5,317	5.1%	322	5,444	5.9%
Hispanic	2,818	110,754	2.5%	3,048	113,970	2.7%	3,205	123,720	2.6%	3,788	140,056	2.7%
White	4,918	84,637	5.8%	4,918	84,638	5.8%	4,747	86,225	5.5%	4,890	98,979	4.9%
Other	^	1,499	^	^	1,210	^	^	1,109	^	34	1,918	1.8%
Unknown	^	12,915	^	^	15,263	^	^	19,688	^	848	28,192	3.0%
Female	3,521	112,742	3.1%	3,636	115,183	3.2%	3,695	123,112	3.0%	4,287	143,049	3.0%
Male	5,406	115,085	4.7%	5,497	117,592	4.7%	5,585	125,772	4.4%	5,947	146,982	4.0%

^ Data has been suppressed to protect patient privacy.

Utilization Report*: Approved Specialty Mental Health Services for Children and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Small 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	$ 5,001.26	0	0	639	1,539	6,885	315	228	18	653	447	N/A	N/A	15	117	10
FY 11-12	$ 4,745.11	0	0	537	1,511	6,605	307	216	17	695	515	N/A	N/A	11	20	14
FY 12-13	$ 4,756.36	0	0	486	1,435	5,950	300	219	16	657	347	N/A	N/A	19	82	13
FY 13-14	$ 4,470.35	996	1,044	406	1,288	5,601	292	246	18	630	522	N/A	N/A	22	55	13
MEAN	**$ 4,743.27**	**996**	**1,044**	**517**	**1,443**	**6,260**	**303**	**227**	**17**	**659**	**458**	**N/A**	**N/A**	**17**	**68**	**13**

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	12,244	0	0	4,860	11,189	163	4,704	1,105	218	71	46	N/A	N/A	23	^	37
FY 11-12	12,609	0	0	5,284	11,424	131	4,816	1,168	223	57	33	N/A	N/A	14	^	40
FY 12-13	12,879	0	0	5,171	11,691	171	4,887	1,137	244	42	27	N/A	N/A	^	^	49
FY 13-14	14,334	134	254	5,681	12,938	152	5,298	1,394	217	38	19	N/A	N/A	^	^	79

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

Snapshot Report: Unique Count of Children and Youth Receiving SMHS
Arriving, Exiting, and with Service Continuance by Fiscal Year
Small 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	2,963	23.4%	1,013	8.0%	1,137	9.0%	2,271	18.0%	4,515	35.7%	746	5.9%	12,645	100%
FY 13-14	2,964	21.2%	810	5.8%	1,027	7.3%	2,664	19.0%	5,631	40.2%	897	6.4%	13,993	100%

Time to Step Down Report: Children and Youth Stepping Down in SMHS Services Post Inpatient Discharge
Small 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	99	48.5%	132	64.7%	61	29.9%	11	5.4%	0	748	150.1	6
FY 11-12	39	33.9%	96	83.5%	^	^	11	9.6%	0	961	25.7	10
FY 12-13	120	58.0%	173	83.6%	23	11.1%	11	5.3%	0	392	20.4	6
FY 13-14	37	39.4%	59	62.8%	^	^	22	23.4%	0	392	27.7	7

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