

# Performance Outcomes System Children with an Open Child Welfare Case County Report

## Report run on August 9, 2017

### Background

Two reports will be created during each new reporting period. The reports that will be produced are as follows: statewide aggregate data and population-based county groups. 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 county aggregate 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. Two types of penetration information 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 snapshot report provides a point-in-time view of children 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 (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.*

### Definitions

**Population:** 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 12/13 through FY 15/16.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 12/13 through FY15/16.
- Child Welfare Services/Case Management System (CWS/CMS) data for children in FY 12/13 through FY 15/16.

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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. The Measures Catalog may be found at: <http://www.dhcs.ca.gov/provgovpart/pos/Pages/Performance-Outcomes-System-Reports-and-Measures-Catalog.aspx>

**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 "^".

\*Population-based report findings may be interpreted alongside the POS statewide 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 make comparison between the POS penetration rates and the EQRO penetration rates not appropriate or 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 youth who received X number of SMHS (1 or 5 for POS) 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.

\*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 the hospital the patient is discharged from and whom has been attributed the time to next service in days used in the calculations for this indicator.

\***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](mailto:cmhpos@dhcs.ca.gov) for any questions regarding this report.**

**Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year  
San Joaquin County as of August 9, 2017**

<b>SFY</b>	<b>Unique Count Receiving SMHS*</b>	<b>Year-Over-Year Percentage Change</b>	<b>Unique Count of Open Child Welfare Youth in Medi-Cal</b>	<b>Year-Over-Year Percentage Change</b>
<b>FY 12-13</b>	924		2,265	
<b>FY 13-14</b>	1,248	35.1%	2,443	7.9%
<b>FY 14-15</b>	1,194	-4.3%	2,528	3.5%
<b>FY 15-16</b>	1,251	4.8%	2,586	2.3%
<b>Compound Annual Growth Rate SFY**</b>		<b>10.6%</b>		<b>4.5%</b>

*\*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 with an Open Child Welfare Case Receiving SMHS by Fiscal Year  
San Joaquin County as of August 9, 2017**

Fiscal Year	Black Count	Black %	Hispanic Count	Hispanic %	White Count	White %	Other Count	Other %
<b>FY 12-13</b>	205	22.2%	335	36.3%	276	29.9%	108	11.7%
<b>FY 13-14</b>	291	23.3%	447	35.8%	367	29.4%	143	11.5%
<b>FY 14-15</b>	282	23.6%	436	36.5%	336	28.1%	140	11.7%
<b>FY 15-16</b>	312	24.9%	446	35.7%	328	26.2%	165	13.2%

Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

**Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year  
San Joaquin County as of August 9, 2017**

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 %
<b>FY 12-13</b>	154	16.7%	112	12.1%	246	26.6%	346	37.4%	66	7.1%
<b>FY 13-14</b>	213	17.1%	187	15.0%	350	28.0%	400	32.1%	98	7.9%
<b>FY 14-15</b>	209	17.5%	160	13.4%	328	27.5%	416	34.8%	81	6.8%
<b>FY 15-16</b>	145	11.6%	191	15.3%	377	30.1%	445	35.6%	93	7.4%

**Demographics Report: Unique Count of Children and Youth with an Open Child Welfare Case Receiving SMHS by Fiscal Year  
San Joaquin County as of August 9, 2017**

<b>Fiscal Year</b>	<b>Female Count</b>	<b>Female %</b>	<b>Male Count</b>	<b>Male %</b>
<b>FY 12-13</b>	430	46.5%	494	53.5%
<b>FY 13-14</b>	587	47.0%	661	53.0%
<b>FY 14-15</b>	565	47.3%	629	52.7%
<b>FY 15-16</b>	599	47.9%	652	52.1%

**Penetration Rates\* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit\*\*  
San Joaquin County as of August 9, 2017**

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	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	Penetration 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
<b>All</b>	<b>924</b>	<b>2,265</b>	<b>40.8%</b>	<b>1,248</b>	<b>2,443</b>	<b>51.1%</b>	<b>1,194</b>	<b>2,528</b>	<b>47.2%</b>	<b>1,251</b>	<b>2,586</b>	<b>48.4%</b>
Children 0-2	154	471	32.7%	213	512	41.6%	209	512	40.8%	145	505	28.7%
Children 3-5	112	353	31.7%	187	369	50.7%	160	407	39.3%	191	390	49.0%
Children 6-11	246	544	45.2%	350	616	56.8%	328	614	53.4%	377	654	57.6%
Youth 12-17	346	665	52.0%	400	655	61.1%	416	699	59.5%	445	736	60.5%
Youth 18-20	66	232	28.4%	98	291	33.7%	81	296	27.4%	93	301	30.9%
Black	205	491	41.8%	291	532	54.7%	282	552	51.1%	312	559	55.8%
Hispanic	335	854	39.2%	447	909	49.2%	436	948	46.0%	446	970	46.0%
White	276	628	43.9%	367	673	54.5%	336	696	48.3%	328	672	48.8%
Other	108	292	37.0%	143	329	43.5%	140	332	42.2%	165	385	42.9%
Female	430	1,052	40.9%	587	1,150	51.0%	565	1,188	47.6%	599	1,253	47.8%
Male	494	1,213	40.7%	661	1,293	51.1%	629	1,340	46.9%	652	1,333	48.9%

\*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. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care 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 Joaquin County as of August 9, 2017**

	FY 12-13			FY 13-14			FY 14-15			FY 15-16		
	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
<b>All</b>	605	2,265	26.7%	825	2,443	33.8%	963	2,528	38.1%	924	2,586	35.7%
Children 0-2	43	471	9.1%	59	512	11.5%	157	512	30.7%	87	505	17.2%
Children 3-5	75	353	21.2%	109	369	29.5%	137	407	33.7%	146	390	37.4%
Children 6-11	196	544	36.0%	281	616	45.6%	279	614	45.4%	302	654	46.2%
Children 12-17	241	665	36.2%	311	655	47.5%	338	699	48.4%	330	736	44.8%
Youth 18-20	50	232	21.6%	65	291	22.3%	52	296	17.6%	59	301	19.6%
Black	133	491	27.1%	192	532	36.1%	233	552	42.2%	237	559	42.4%
Hispanic	201	854	23.5%	299	909	32.9%	353	948	37.2%	316	970	32.6%
White	186	628	29.6%	247	673	36.7%	276	696	39.7%	261	672	38.8%
Other	85	292	29.1%	87	329	26.4%	101	332	30.4%	110	385	28.6%
Female	290	1,052	27.6%	384	1,150	33.4%	465	1,188	39.1%	444	1,253	35.4%
Male	315	1,213	26.0%	441	1,293	34.1%	498	1,340	37.2%	480	1,333	36.0%

\*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. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

\*\*Children and Youth with an Open Child Welfare Case that have received at least five SMHS in the Fiscal Year.

**Utilization Report\*: Approved Specialty Mental Health Services for Children and Youth with an Open Child Welfare Case  
Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year  
San Joaquin County as of August 9, 2017**

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)	Fee for Service Inpatient (Days)	Crisis Residential Treatment Services (Days)	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 12-13	\$ 4,849.77	0	0	233	1,071	3,176	291	173	26	691	126	4	7	12	48	120	4
FY 13-14	\$ 4,225.06	989	643	213	989	2,773	305	240	25	520	84	4	0	11	17	30	9
FY 14-15	\$ 5,325.24	1,616	1,147	250	1,285	1,881	325	239	23	539	519	0	0	8	13	0	7
FY 15-16	\$ 5,045.63	1,372	851	219	1,236	1,995	302	276	30	1,224	906	0	0	9	28	0	9
<b>MEAN</b>	<b>\$ 4,861.43</b>	<b>1,326</b>	<b>880</b>	<b>229</b>	<b>1,145</b>	<b>2,456</b>	<b>306</b>	<b>232</b>	<b>26</b>	<b>743</b>	<b>409</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>27</b>	<b>75</b>	<b>7</b>

\*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 Children and Youth with an Open Child Welfare Case Receiving SMHS  
Arriving, Exiting, and with Service Continuance by Fiscal Year  
San Joaquin County as of August 9, 2017**

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 <b>Arrivals</b> and <b>Exiting</b> 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	203	22.0%	46	5.0%	70	7.6%	186	20.1%	406	43.9%	13	1.4%	924	100%
FY 13-14	365	29.2%	46	3.7%	77	6.2%	174	13.9%	554	44.4%	32	2.6%	1,248	100%
FY 14-15	344	28.8%	58	4.9%	100	8.4%	297	24.9%	373	31.2%	22	1.8%	1,194	100%
FY 15-16	296	23.7%	58	4.6%	86	6.9%	337	26.9%	421	33.7%	53	4.2%	1,251	100%

**Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge\***  
**San Joaquin County as of August 9, 2017**

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 of Discharge	Percentage of Inpatient Discharges with Step Down between 8 and 30 days of Discharge	Count of Beneficiaries with a Step Down > 30 Days from Discharge or No Step Down*	Percentage of Beneficiaries with a Step Down > 30 Days from Discharge or 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 12-13	21	95.5%	^	^	^	^	0	100	5.3	0
FY 13-14	23	88.5%	^	^	^	^	0	53	4.2	0
FY 14-15	30	93.8%	^	^	^	^	0	272	11.5	0
FY 15-16	27	84.4%	^	^	^	^	0	232	12.1	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 were moved to a community-based program or beneficiaries that were incarcerated.

^ Data has been suppressed to protect patient privacy.