Performance Outcomes System Children with an Open Child Welfare Case County Report Report run on August 3, 2016

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 Open Child Welfare 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). 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.

A FY is from July 1st to June 30th. Utilization of services reports are shown in terms of dollars, as well as by service in time increments. The snapshot report provides a point-intime 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; 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 11/12 through FY 14/15.

• Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 11/12 through FY14/15.

• Child Welfare Services/Case Management System (CWS/CMS) data for children in FY 11/12 through FY 14/15.

Performance Outcomes System Children with an Open Child Welfare Case County Reports Report run on August 3, 2016

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 "A".

Report Interpretation

*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). As of now, this report only classifies youth and their service usage for the two most recent fiscal years. 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.

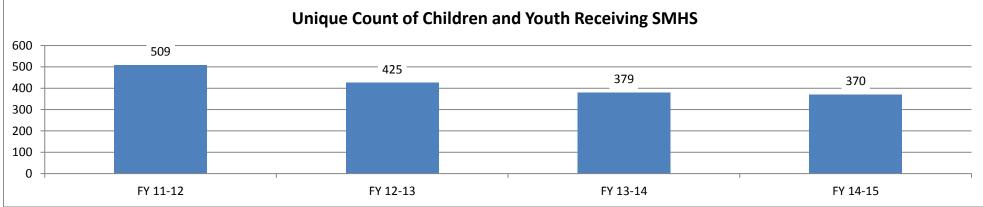
*Data Source Methodology: Demographic & Penetration and Snapshot - based on MEDS data; Utilization - based on Claims Submission data; Time to step-down - based on Inpatient Hospital data.

*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 legal 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 for any questions regarding this report.

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Child Welfare Youth in Medi-Cal	Year-Over-Year Percentage Change
FY 11-12	509		1,076	
FY 12-13	425	-16.5%	898	-16.5%
FY 13-14	379	-10.8%	873	-2.8%
FY 14-15	370	-2.4%	916	4.9%
Compound Annual Growth Rate SFY**		-10.1%		-5.2%



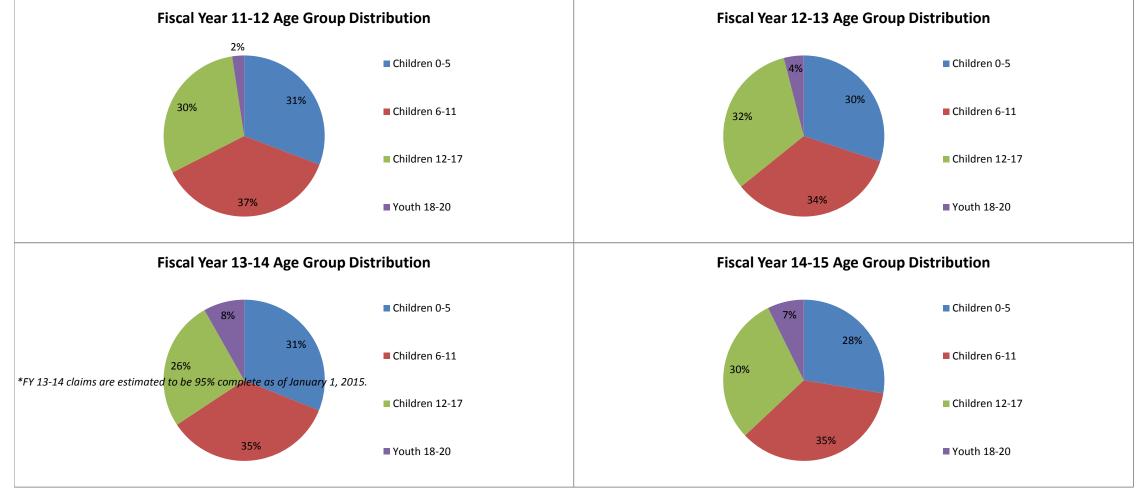
*SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

**SFY = State Fiscal Year which is July 1 through June 30.

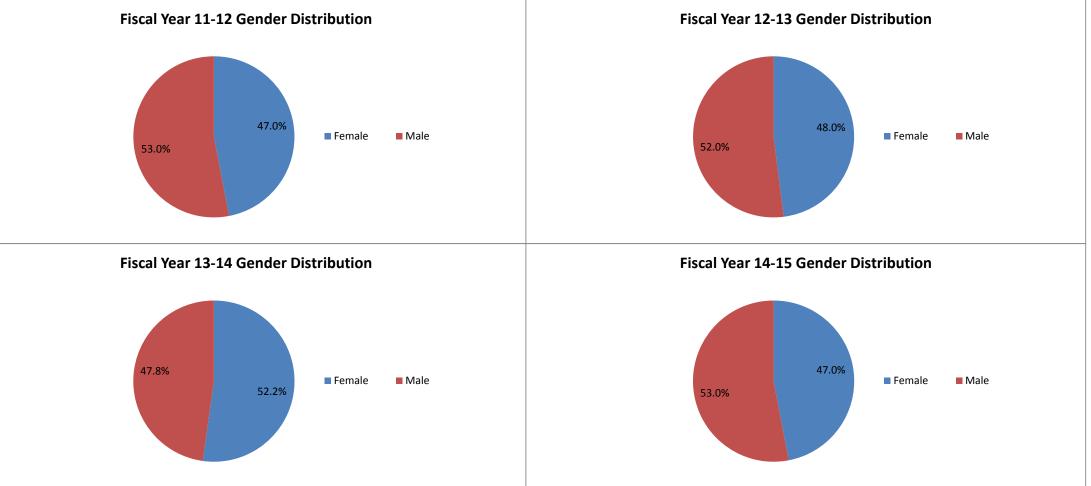


Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

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 11-12	157	30.8%	187	36.7%	153	30.1%	12	2.4%
FY 12-13	128	30.1%	145	34.1%	135	31.8%	17	4.0%
FY 13-14	118	31.1%	131	34.6%	99	26.1%	31	8.2%
FY 14-15	102	27.6%	131	35.4%	110	29.7%	27	7.3%



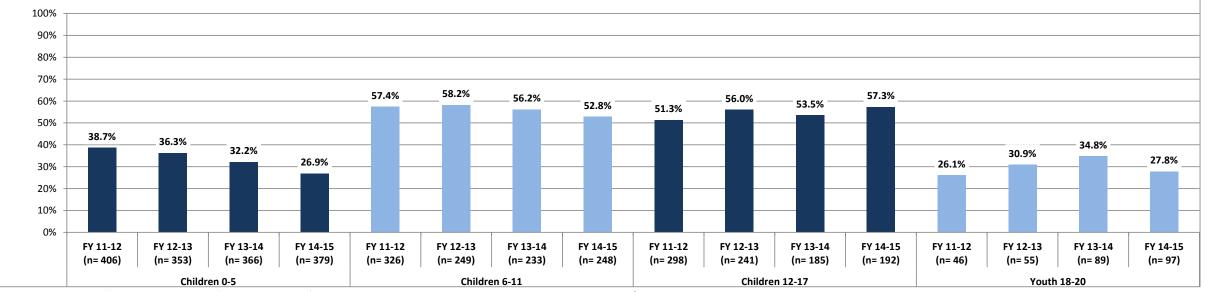
Fiscal Year	Female Count	Female %	Male Count	Male %
FY 11-12	239	47.0%	270	53.0%
FY 12-13	204	48.0%	221	52.0%
FY 13-14	198	52.2%	181	47.8%
FY 14-15	174	47.0%	196	53.0%



Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit** Butte County as of August 3, 2016

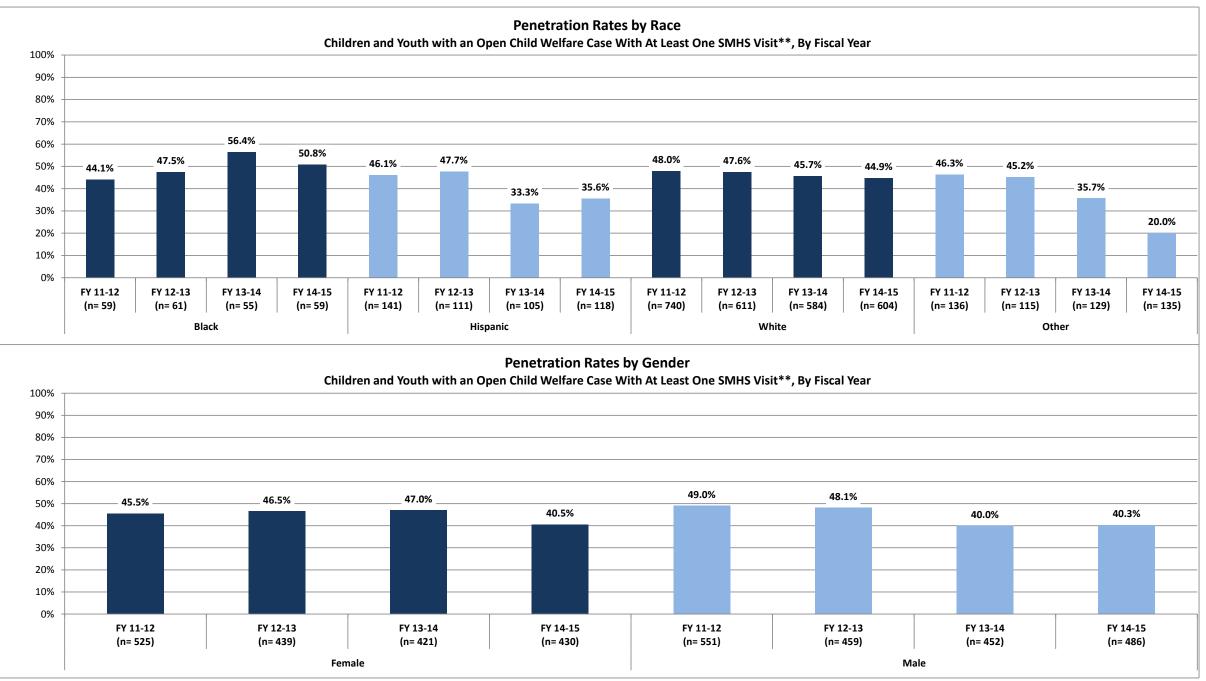
		FY 11-12			FY 12-13			FY 13-14			FY 14-15	
	Children and Youth with an Open Child Welfare Case with 1 or more SMHS Visits	Youth with an Open	Penetration Rate	Children and Youth with an Open Child Welfare Case with 1 or more SMHS Visits	Certified Eligible Children and Youth with an Open Child Welfare 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
All	509	1,076	47.3%	425	898	47.3%	379	873	43.4%	370	916	40.4%
Children 0-5	157	406	38.7%	128	353	36.3%	118	366	32.2%	102	379	26.9%
Children 6-11	187	326	57.4%	145	249	58.2%	131	233	56.2%	131	248	52.8%
Children 12-17	153	298	51.3%	135	241	56.0%	99	185	53.5%	110	192	57.3%
Youth 18-20	12	46	26.1%	17	55	30.9%	31	89	34.8%	27	97	27.8%
Black	26	59	44.1%	29	61	47.5%	31	55	56.4%	30	59	50.8%
Hispanic	65	141	46.1%	53	111	47.7%	35	105	33.3%	42	118	35.6%
White	355	740	48.0%	291	611	47.6%	267	584	45.7%	271	604	44.9%
Other	63	136	46.3%	52	115	45.2%	46	129	35.7%	27	135	20.0%
Female	239	525	45.5%	204	439	46.5%	198	421	47.0%	174	430	40.5%
Male	270	551	49.0%	221	459	48.1%	181	452	40.0%	196	486	40.3%

Penetration Rates by Age Children and Youth with an Open Child Welfare Case With At Least One SMHS Visit**, By Fiscal Year



*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.

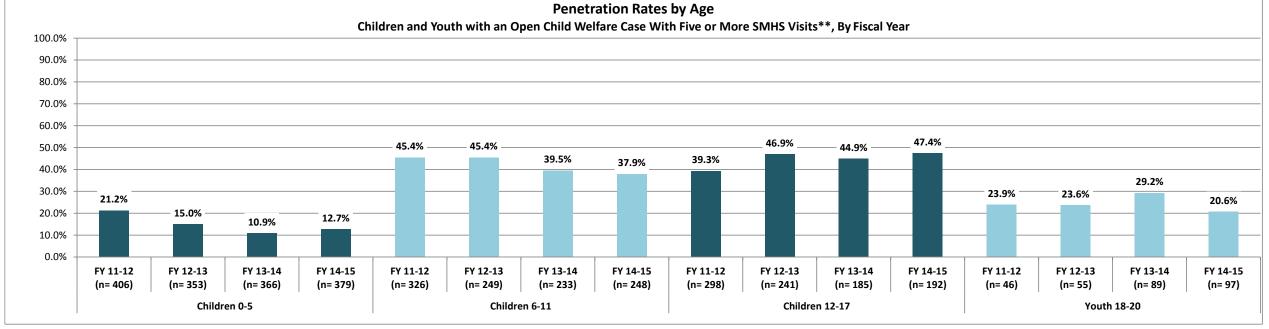
Penetration Rates^{*} Report: Children and Youth with an Open Child Welfare Case with At Least One SMHS Visit^{**} Butte County as of August 3, 2016



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

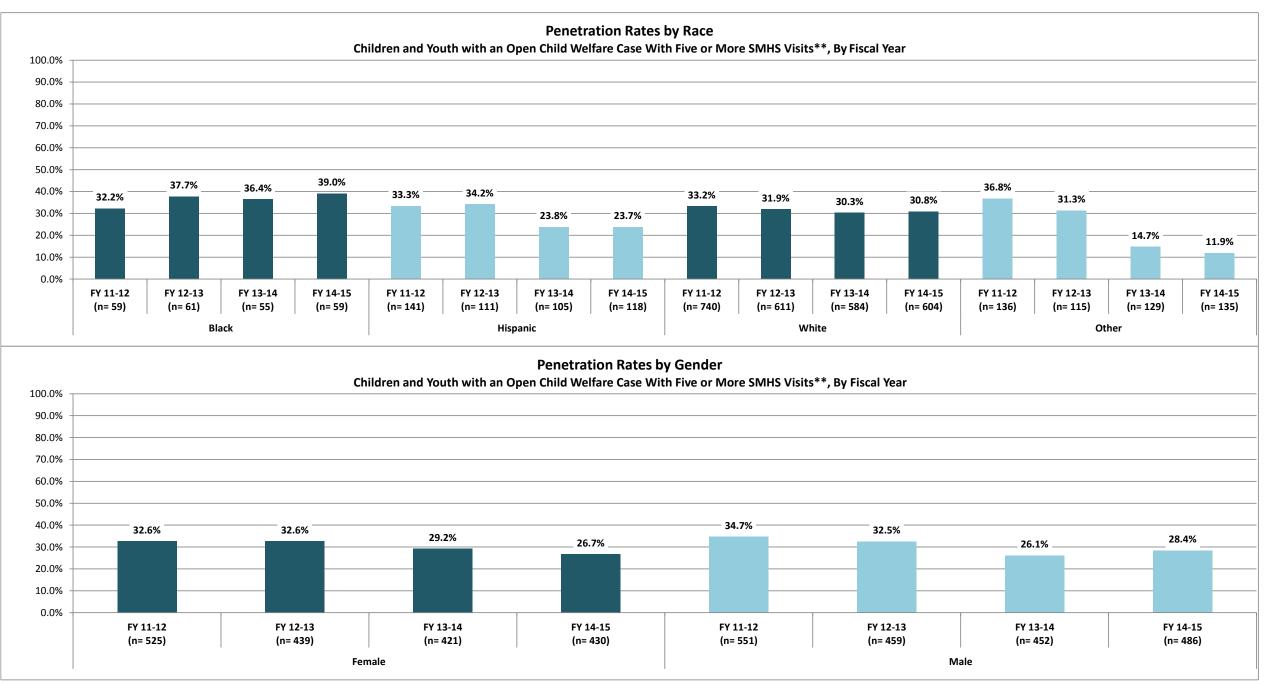
Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with Five or More SMHS Visits** Butte County as of August 3, 2016

		FY 11-12			FY 12-13			FY 13-14			FY 14-15	
	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
All	362	1,076	33.6%	292	898	32.5%	241	873	27.6%	253	916	27.6%
Children 0-5	86	406	21.2%	53	353	15.0%	40	366	10.9%	48	379	12.7%
Children 6-11	148	326	45.4%	113	249	45.4%	92	233	39.5%	94	248	37.9%
Children 12-17	117	298	39.3%	113	241	46.9%	83	185	44.9%	91	192	47.4%
Youth 18-20	11	46	23.9%	13	55	23.6%	26	89	29.2%	20	97	20.6%
Black	19	59	32.2%	23	61	37.7%	20	55	36.4%	23	59	39.0%
Hispanic	47	141	33.3%	38	111	34.2%	25	105	23.8%	28	118	23.7%
White	246	740	33.2%	195	611	31.9%	177	584	30.3%	186	604	30.8%
Other	50	136	36.8%	36	115	31.3%	19	129	14.7%	16	135	11.9%
Female	171	525	32.6%	143	439	32.6%	123	421	29.2%	115	430	26.7%
Male	191	551	34.7%	149	459	32.5%	118	452	26.1%	138	486	28.4%



*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.

Penetration Rates* Report: Children and Youth with an Open Child Welfare Case with Five or More SMHS Visits** Butte County as of August 3, 2016



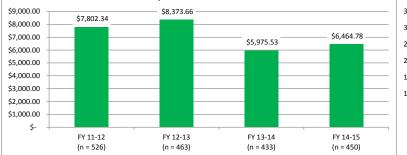
*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system. **Children and Youth with an Open Child Welfare Case that have received at least five SMHS in the Fiscal Year.

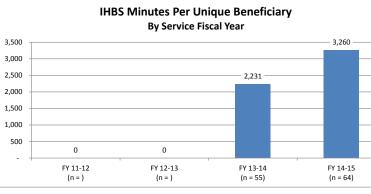
Utilization Report*: Approved Specialty Mental Health Services for Children and Youth with an Open Child Welfare Case Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year

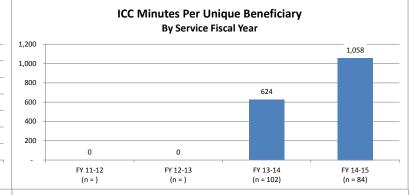
Butte County as of August 3, 2016

Fiscal Year	DMC 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)	-	Psychiatric Health Facility (Days)
FY 11-12	\$ 7,802.34	0	0	178	2,743	7,582	988	399	24	692	0	0	0	0	0	0	0
FY 12-13	\$ 8,373.66	0	0	230	2,641	9,842	1,023	477	35	544	251	0	0	0	0	0	9
FY 13-14	\$ 5,975.53	2,231	624	189	1,646	5,947	755	458	29	534	1,058	0	0	0	0	0	9
FY 14-15	\$ 6,464.78	3,260	1,058	260	1,669	5,193	842	356	18	0	602	0	0	0	0	0	0
MEAN	\$ 7,154.08	2,745	841	214	2,175	7,141	902	422	27	590	637	0	0	0	0	0	9

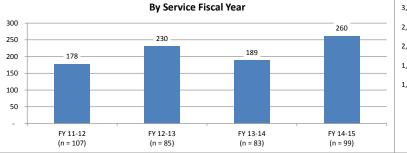
Total Approved Per Unique Beneficiary By Service Fiscal Year



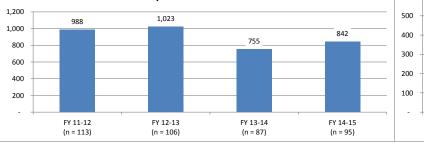




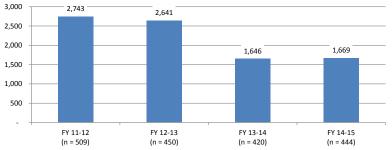
Case Management/Brokerage Minutes Per Unique Beneficiary

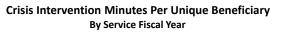


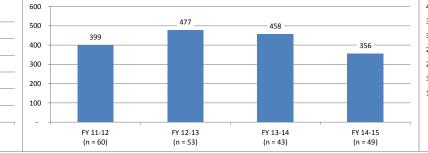
Medication Support Services Minutes Per Unique Beneficiary By Service Fiscal Year

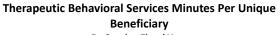


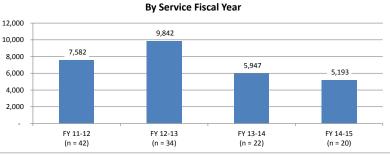
Mental Health Services Minutes Per Unique Beneficiary By Service Fiscal Year



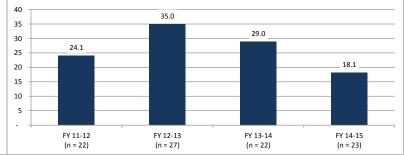








Crisis Stabilization Hours Per Unique Beneficiary By Service Fiscal Year

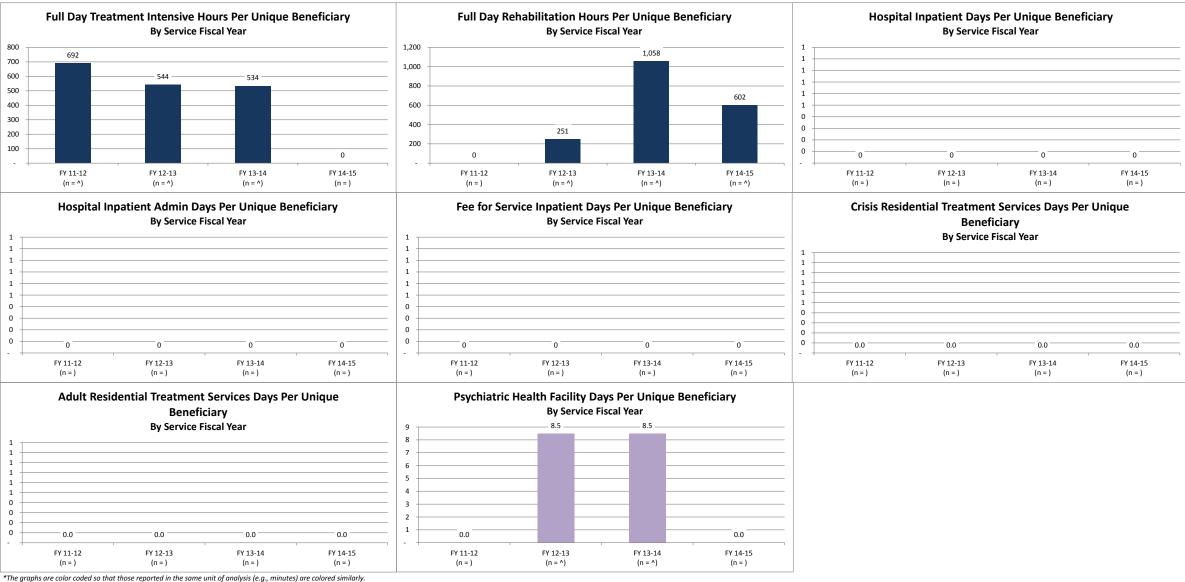


*The graphs are color coded so that those reported in the same unit of analysis (e.g., minutes) are colored similarly

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.

Utilization Report*: Approved Specialty Mental Health Services for Children and Youth with an Open Child Welfare Case Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year Butte County as of August 3, 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 with and Open Child Welfare Case Receiving SMHS Arriving, Exiting, and with Service Continuance by Fiscal Year

Butte County as of August 3, 2016

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 &	
Exiting	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.

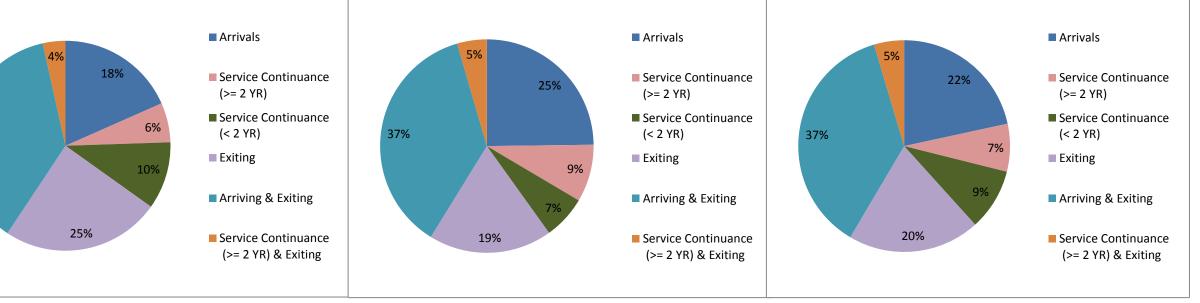
Service Fiscal Year	Arrivals Count	Arrivals %	Service Continuance (>= 2 YR) Count	Continuance	Service Continuance (<2 YR) Count	Service Continuance (< 2 YR) %	Exiting Count	Exiting %	Arriving & Exiting Count	Exiting %		Service Continuance (>= 2 YR) and Exiting %		Total %
FY 12-13	78	18.4%	26	6.1%	44	10.4%	104	24.5%	158	37.2%	15	3.5%	425	100%
FY 13-14	94	24.8%	33	8.7%	25	6.6%	71	18.7%	139	36.7%	17	4.5%	379	100%
FY 14 - 15	80	21.6%	27	7.3%	35	9.4%	75	20.2%	137	36.9%	17	4.6%	371	100%

Fiscal Year 13-14 Arrivals, Service

Continuance, & Exits Distribution



37%



Fiscal Year 14-15 Arrivals, Service

Continuance, & Exits Distribution

Time to Step Down Report: Children and Youth with an Open Child Welfare Case Stepping Down in SMHS Services Post Inpatient Discharge County as of August 3, 2016

ervice FY 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 t Next Contact Po Inpatient Discharge (Days)
11-12	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0	0.0	
-	0.0%	0		0		0		0			
	0.0%	0		0		-			-		
14-15	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0	0.0	
0 8 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 6 5 7 7 6 5 7 7 6 5 7 7 6 5 7 7 7 6 5 7 7 7 7	ΤA	CED	ES						OT	R D	DE 13-14
00% 80% 60% 40%	F	ercentage o	SM			ient Dischar 1 Days + No Step			5 .		

were moved to a community-based program or beneficiaries that were incarcerated.