### Performance Outcomes System Children in Foster Care 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: Foster Care 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.

#### 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 re port 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.

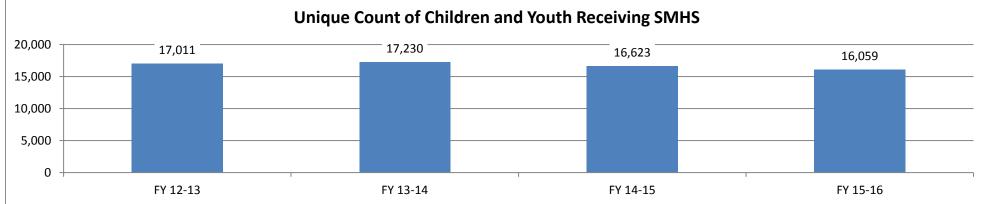
\*Data Source Methodology: Demographic & Penetration and Snapshot - based on MEDS data; Utilization - based on Claims Submission data; Time to step-down - based on Inpatient Hospital data.

\*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 for any questions regarding this report.

SFY	Unique Count Receiving SMHS*	Year-Over-Year Percentage Change	Unique Count of Foster Care Youth in Medi-Cal	Year-Over-Year Percentage Change
FY 12-13	17,011		28,609	
FY 13-14	17,230	1.3%	30,194	5.5%
FY 14-15	16,623	-3.5%	30,444	0.8%
FY 15-16	16,059	-3.4%	30,505	0.2%
Compound Annual Growth Rate SFY**		-1.9%		2.2%



\*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.

\*\*The race/ethnicity data have changed considerably since it was last published in 2016. DHCS is currently performing analyses to determine the nature of these changes and may update this table, if needed.

Children 0-2

Children 3-5

Children 6-11

Youth 12-17

Youth 18-20

Children 0-2

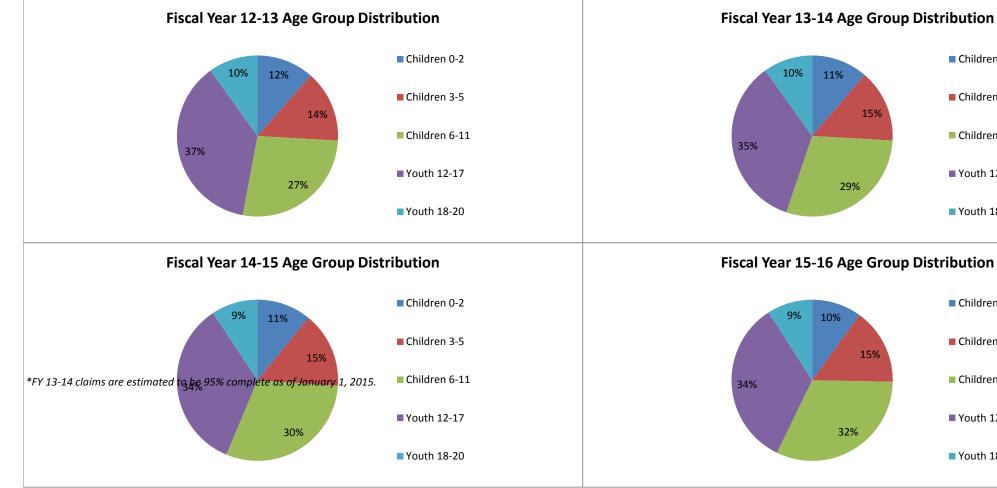
Children 3-5

Children 6-11

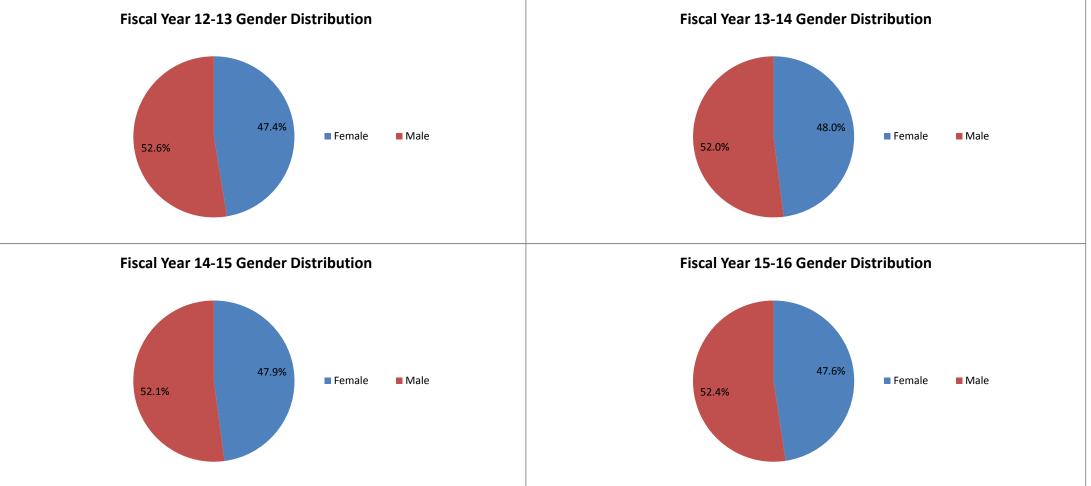
Youth 12-17

Youth 18-20

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 %
FY 12-13	1,956	11.5%	2,453	14.4%	4,599	27.0%	6,313	37.1%	1,690	9.9%
FY 13-14	1,949	11.3%	2,515	14.6%	5,044	29.3%	6,019	34.9%	1,703	9.9%
FY 14-15	1,804	10.9%	2,532	15.2%	5,024	30.2%	5,714	34.4%	1,549	9.3%
FY 15-16	1,610	10.0%	2,455	15.3%	5,122	31.9%	5,405	33.7%	1,467	9.1%



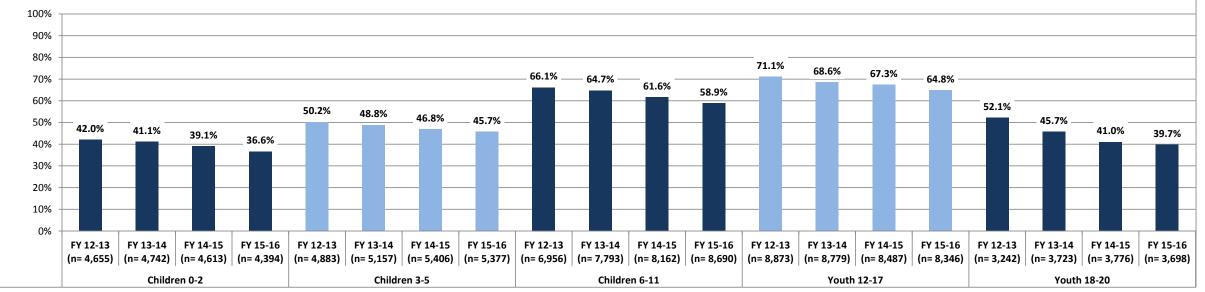
Fiscal Year	Female Count	Female %	Male Count	Male %
FY 12-13	8,062	47.4%	8,949	52.6%
FY 13-14	8,278	48.0%	8,952	52.0%
FY 14-15	7,965	47.9%	8,658	52.1%
FY 15-16	7,640	47.6%	8,419	52.4%



#### Penetration Rates\* Report: Children and Youth in Foster Care with At Least One SMHS Visit\*\* Los Angeles County as of August 9, 2017

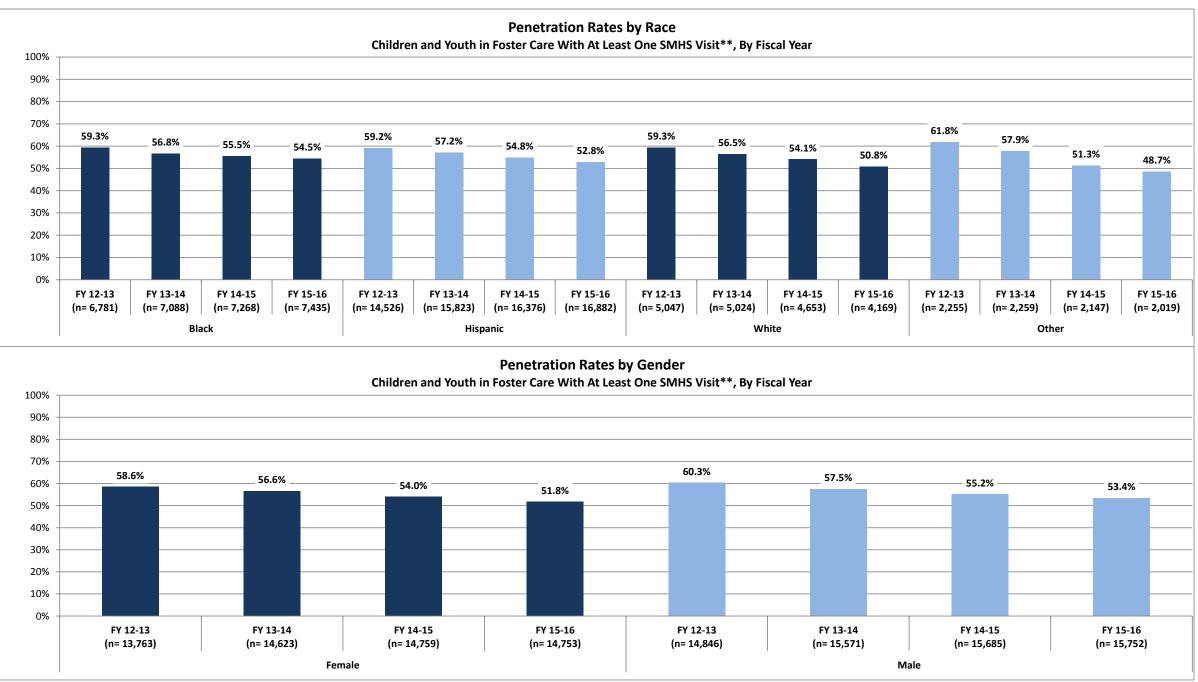
		FY 12-13			FY 13-14			FY 14-15			FY 15-16	
	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 1 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate
All	17,011	28,609	59.5%	17,230	30,194	57.1%	16,623	30,444	54.6%	16,059	30,505	52.6%
Children 0-2	1,956	4,655	42.0%	1,949	4,742	41.1%	1,804	4,613	39.1%	1,610	4,394	36.6%
Children 3-5	2,453	4,883	50.2%	2,515	5,157	48.8%	2,532	5,406	46.8%	2,455	5,377	45.7%
Children 6-11	4,599	6,956	66.1%	5,044	7,793	64.7%	5,024	8,162	61.6%	5,122	8,690	58.9%
Youth 12-17	6,313	8,873	71.1%	6,019	8,779	68.6%	5,714	8,487	67.3%	5,405	8,346	64.8%
Youth 18-20	1,690	3,242	52.1%	1,703	3,723	45.7%	1,549	3,776	41.0%	1,467	3,698	39.7%
Black	4,023	6,781	59.3%	4,029	7,088	56.8%	4,032	7,268	55.5%	4,049	7,435	54.5%
Hispanic	8,603	14,526	59.2%	9,054	15,823	57.2%	8,974	16,376	54.8%	8,910	16,882	52.8%
White	2,991	5,047	59.3%	2,840	5,024	56.5%	2,515	4,653	54.1%	2,117	4,169	50.8%
Other	1,394	2,255	61.8%	1,307	2,259	57.9%	1,102	2,147	51.3%	983	2,019	48.7%
Female	8,062	13,763	58.6%	8,278	14,623	56.6%	7,965	14,759	54.0%	7,640	14,753	51.8%
Male	8,949	14,846	60.3%	8,952	15,571	57.5%	8,658	15,685	55.2%	8,419	15,752	53.4%

#### Penetration Rates by Age Children and Youth in Foster Care With At Least One SMHS Visit\*\*, By Fiscal Year



<sup>\*</sup>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 in Foster Care that have received at least one SMHS in the Fiscal Year.

#### Penetration Rates\* Report: Children and Youth in Foster Care with At Least One SMHS Visit\*\* Los Angeles County as of August 9, 2017

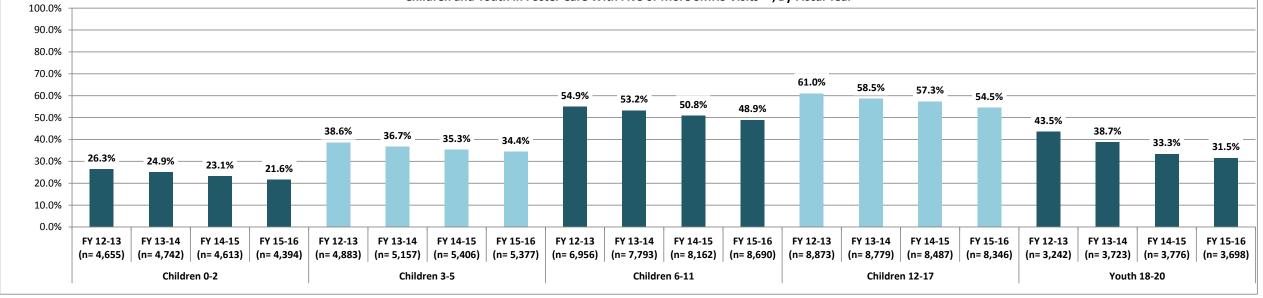


\*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in the Medi-Cal Managed Care sy.
\*\*Children and Youth in Foster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

#### \* Report: Children and Youth in Foster Care with Five or More SMHS Visits\*\* Los Angeles County as of August 9, 2017

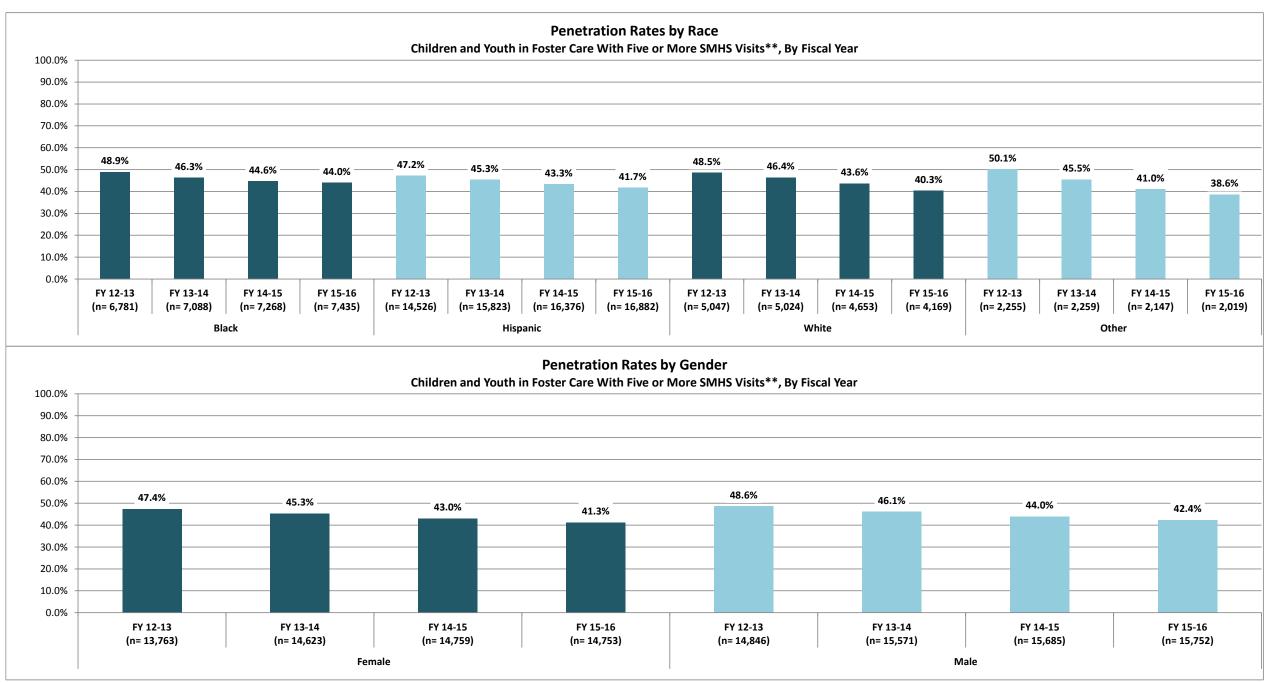
		FY 12-13			FY 13-14			FY 14-15		FY 15-16		
	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate	Children and Youth in Foster Care with 5 or more SMHS Visits	Certified Eligible Children and Youth in Foster Care	Penetration Rate
All	13,749	28,609	48.1%	13,797	30,194	45.7%	13,246	30,444	43.5%	12,772	30,505	41.9%
Children 0-2	1,222	4,655	26.3%	1,180	4,742	24.9%	1,067	4,613	23.1%	950	4,394	21.6%
Children 3-5	1,887	4,883	38.6%	1,894	5,157	36.7%	1,911	5,406	35.3%	1,852	5,377	34.4%
Children 6-11	3,821	6,956	54.9%	4,143	7,793	53.2%	4,150	8,162	50.8%	4,252	8,690	48.9%
Children 12-17	5,409	8,873	61.0%	5,140	8,779	58.5%	4,860	8,487	57.3%	4,552	8,346	54.5%
Youth 18-20	1,410	3,242	43.5%	1,440	3,723	38.7%	1,258	3,776	33.3%	1,166	3,698	31.5%
Black	3,319	6,781	48.9%	3,279	7,088	46.3%	3,239	7,268	44.6%	3,272	7,435	44.0%
Hispanic	6,851	14,526	47.2%	7,160	15,823	45.3%	7,097	16,376	43.3%	7,041	16,882	41.7%
White	2,450	5,047	48.5%	2,331	5,024	46.4%	2,029	4,653	43.6%	1,679	4,169	40.3%
Other	1,129	2,255	50.1%	1,027	2,259	45.5%	881	2,147	41.0%	780	2,019	38.6%
Female	6,530	13,763	47.4%	6,617	14,623	45.3%	6,340	14,759	43.0%	6,091	14,753	41.3%
Male	7,219	14,846	48.6%	7,180	15,571	46.1%	6,906	15,685	44.0%	6,681	15,752	42.4%

#### Penetration Rates by Age Children and Youth in Foster Care With Five or More SMHS Visits\*\*, 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 Medi-Cal Managed Care system.

#### \* Report: Children and Youth in Foster Care with Five or More SMHS Visits\*\* Los Angeles County as of August 9, 2017



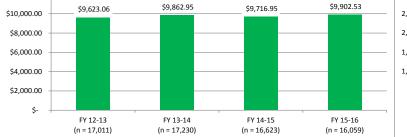
\*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system. \*\*Children and Youth in Foster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

#### Utilization Report\*: Approved Specialty Mental Health Services for Children/Youth in Foster Care Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year Los Angeles County as of August 9, 2017

Fiscal Year	OMC Total	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)	Treatment	Adult Residential Treatment Services (Days)	Psychiatric Health Facility (Days)
FY 12-13	\$ 9,623.06	0	104	314	2,865	5,371	521	508	17	591	443	13	22	11	0	91	63
FY 13-14	\$ 9,862.95	2,119	2,066	291	2,531	5,563	518	539	18	598	500	16	20	11	0	148	57
FY 14-15	\$ 9,716.95	2,379	2,555	244	2,270	5,345	541	579	18	562	455	14	11	11	12	45	52
FY 15-16	\$ 9,902.53	2,546	2,718	218	2,268	5,319	548	542	16	641	475	11	18	11	10	254	61
MEAN	\$ 9,776.37	2,348	1,861	267	2,484	5,399	532	542	17	598	468	14	18	11	11	134	58

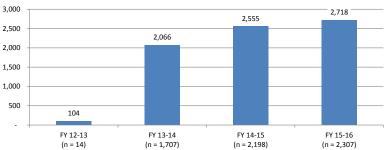
# Total Approved Per Unique Beneficiary By Service Fiscal Year \$9,623.06 \$9,862.95 \$9,716.95 \$9

\$12,000.00

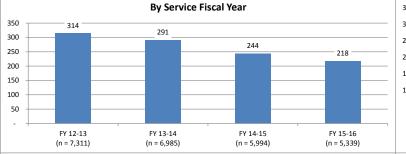


#### **IHBS Minutes Per Unique Beneficiary By Service Fiscal Year** 3,000 2,546 2,379 2,500 2,119 2,000 1,500 1,000 500 0 FY 12-13 FY 13-14 FY 14-15 FY 15-16 (n = 2,138) (n = 2,320) (n = 1,679) (n = )

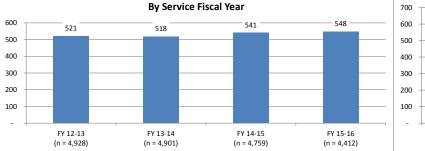
ICC Minutes Per Unique Beneficiary By Service Fiscal Year



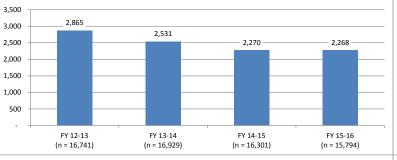
## Case Management/Brokerage Minutes Per Unique Beneficiary

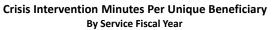


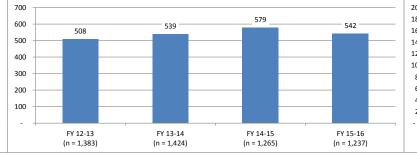
Medication Support Services Minutes Per Unique Beneficiary



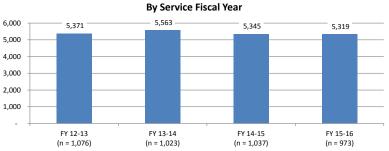
Mental Health Services Minutes Per Unique Beneficiary By Service Fiscal Year



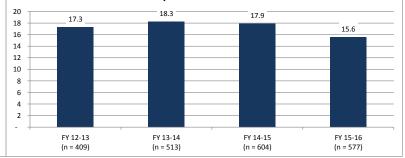




#### Therapeutic Behavioral Services Minutes Per Unique Beneficiary



#### 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.

#### Utilization Report\*: Approved Specialty Mental Health Services for Children/Youth in Foster Care Mean Expenditures and Mean Service Quantity per Beneficiary by Fiscal Year Los Angeles County as of August 9, 2017



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

(n = ^)

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.

(n = ^)

(n = 54)

(n = ^)

^ Data has been suppressed to protect patient privacy.

(n = ^)

(n = 49)

(n = 36)

(n = 49)

# Snapshot Report: Unique Count of Children and Youth in Foster Care Receiving SMHS Arriving, Exiting, and with Service Continuance by Fiscal Year

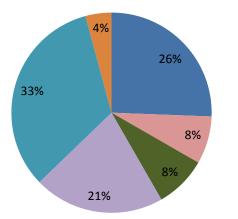
Los Angeles County as of August 9, 2017

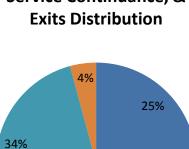
Category	Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.)
Arrivals	Children/Youth that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year.
Service Continuance	Children/Youth receiving 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 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	Continuance	Service Continuance (<2 YR) Count		Exiting Count	Exiting %	Arriving & Exiting Count	Arriving & Exiting %		Service Continuance (>= 2 YR) and Exiting %	Total Count	Total %
FY 12-13	4,362	25.6%	1,315	7.7%	1,424	8.4%	3,581	21.1%	5,622	33.0%	707	4.2%	17,011	100%
FY 13-14	4,223	24.5%	1,227	7.1%	1,376	8.0%	3,760	21.8%	5,924	34.4%	720	4.2%	17,230	100%
FY 14-15	4,332	26.1%	1,196	7.2%	1,372	8.3%	3,534	21.3%	5,517	33.2%	672	4.0%	16,623	100%
FY 15-16	3,922	24.4%	1,185	7.4%	1,368	8.5%	3,633	22.6%	5,257	32.7%	694	4.3%	16,059	100%

## Fiscal Year 12-13 Arrivals, Service Continuance, & Exits Distribution







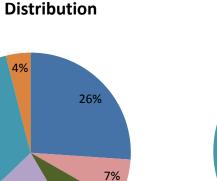
22%

7%

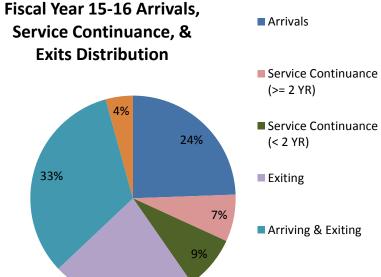
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21%

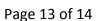


8%



23%

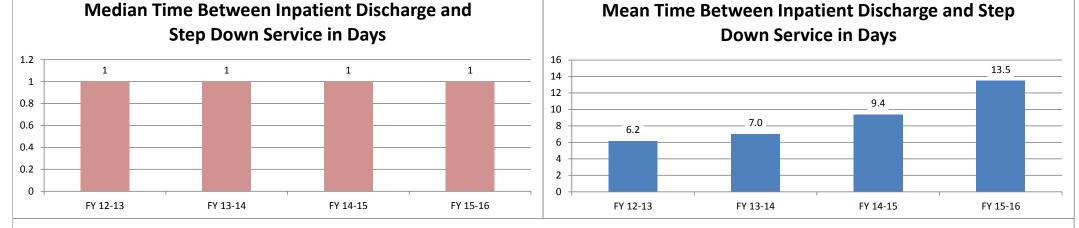
Service Continuance (>= 2 YR) & Exiting



33%

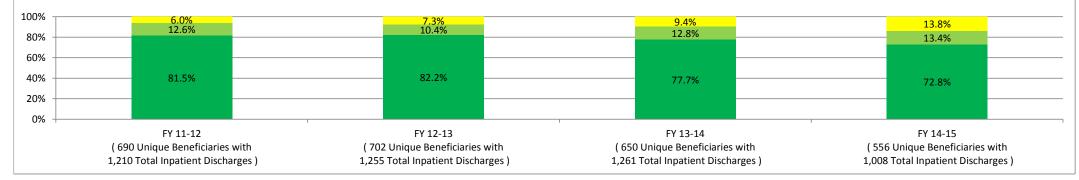
## Time to Step Down Report: Children and Youth in Foster Care Stepping Down in SMHS Services Post Inpatient Discharge\* Los Angeles County as of August 9, 2017

Service FY	Count of Inpatient Discharges with Step Down within 7 Days of Discharge	7 Days of	between 8 and 30	Inpatient Discharges with Step Down	a Step Down > 30 Days from Discharge or No	Percentage of Beneficiaries with a Step Down > 30 Days from Discharge or No 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	986	81.5%	152	12.6%	72	6.0%	0	251	6.2	1
FY 13-14	1,032	82.2%	131	10.4%	92	7.3%	0	284	7.0	1
FY 14-15	980	77.7%	162	12.8%	119	9.4%	0	314	9.4	1
FY 15-16	734	72.8%	135	13.4%	139	13.8%	0	341	13.5	1



## Percentage of Discharges by Time Between Inpatient Discharge and Step Down Service

#### Within 7 Days Within 8 - 30 Days 31 Days + or No Step Down



\* 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.