

Statewide Aggregate Specialty Mental Health Services Performance Dashboard



2018

Department of Health Care Services 2018 Medi-Cal Specialty Mental Health Performance Dashboard

Pursuant to the requirements of the 1915(b) Specialty Mental Health Services (SMHS) Waiver [Special Terms and Conditions #1](#), the SMHS Performance Dashboard makes available to the public data on SMHS provided to Medi-Cal eligible beneficiaries by Mental Health Plans (MHPs) and their contracted organizational providers. To protect patient privacy, all data is published in accordance with the [DHCS Public Aggregate Reporting Guidelines](#). Following publication of the statewide aggregate SMHS Performance Dashboard, DHCS will produce county-specific MHP SMHS Performance Dashboards. These dashboards will be published on the DHCS and MHP websites beginning January 2018. Producing state-level and county-specific dashboards will make information on the performance of California's SMHS readily available to the public and meets the requirements and intention of the 1915(b) SMHS Waiver Special Terms and Conditions.

The statewide aggregate SMHS Performance Dashboard includes two sets of charts and tables that include demographics of children and youth, and adult and older adult populations by age, gender, race, and ethnicity. The first set of charts and tables focus on demographics and service utilization of children and youth age 0 through 20 and the second set focuses on the same data elements for adults age 21 and older. All reports are based on approved claims data for SMHS provided to Medi-Cal eligible beneficiaries.

The charts and tables also include service utilization data that is displayed by dollar amount and units of service. Two types of penetration rate information are provided and categorized by demographic characteristics. Additionally, tables include a point-in-time "snapshot" of populations entering, exiting, and continuing services over a two-year period. Time-to-step-down tables provide data covering the past four years of the time-to-step-down services following psychiatric inpatient discharge. The 2018 SMHS Performance Dashboard includes trend information by displaying information for fiscal years 2013-14, 2014-15, 2015-16, and 2016-17. Subsequent Performance Dashboards will also include updated and additional information as new fiscal year data becomes available.

Notations on the chart and tables define measures used, such as the penetration rate, or explain anomalies in the data. Areas where data is suppressed in order to comply with Public Aggregate Reporting Guidelines, to prevent the release of patient health information, is also noted.

Performance Outcomes System Children and Youth Reports



2018

Performance Outcomes System

Report run on March 13, 2018

Background

Three reports will be created during each new reporting period. The reports that will be produced are as follows: statewide aggregate data; population-based county groups; and county-specific data. 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 statewide report provides updated information on the initial indicators that were developed for the Performance Outcomes System and reported on at the statewide aggregate level in February 2015; they help establish a foundation for on-going reporting. 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 children and youth under 21 who are receiving SMH' 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.

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 - 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 13/14 through FY 16/17.
- Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 13/14 through FY16/17.

Performance Outcomes System

Report run on March 13, 2018

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/services/MH/Documents/POS_MeasuresCatalog_Sept2016.pdf

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, 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 "^".

Report Interpretation

*County-specific findings may be interpreted alongside the POS statewide and population-based report findings.

***New Age Methodology** for Identifying Children under 21 (POS reports posted after to 7/1/17): Beneficiaries that were under the age of 21 for the entire fiscal year (their age was less than 21 as of June 30th of the reported fiscal year).

*The **penetration rates** reported here were calculated using a different methodology than that used by the External Quality Review Organization (EQRO). For the POS, the penetration rate is calculated by taking the total number of youth who received one or more SMHS' 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. Penetration rates provide a measure of initial contact with the specialty mental health system.

*The **engagement rates** are calculated similarly to penetration rates but are intended to measure ongoing engagement with the specialty mental health system. The engagement rate is calculated by taking the total number of youth who received five or more SMHS' in a FY and dividing that by the total number of Medi-Cal eligible youth for that FY.

*The **snapshot** report provides a point-in-time look at children and youth's movement through the SMHS system. The report uses six 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 beneficiary's county of Medi-Cal responsibility during the eligibility month when the inpatient service occurred.

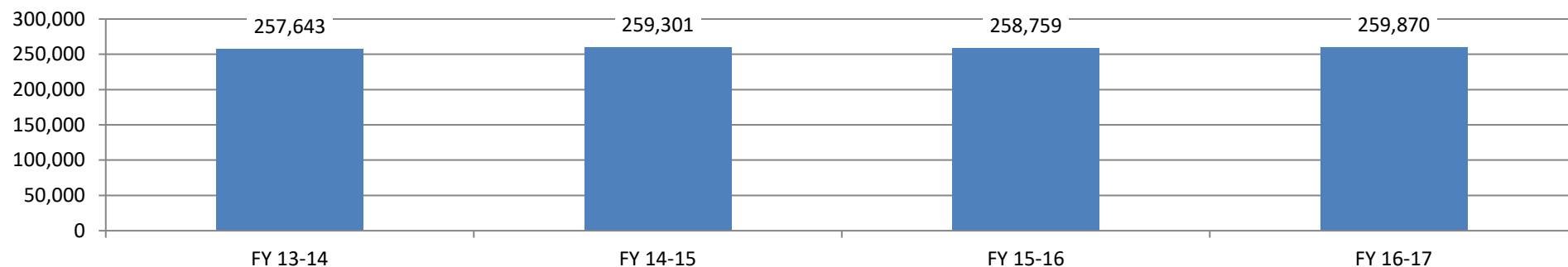
Please contact cmhpos@dhcs.ca.gov for any questions regarding this report.

Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year

Statewide as of March 13, 2018

| SFY | Unique Count Receiving SMHS* | Year-Over-Year Percentage Change | Unique Count of Medi-Cal Eligibles | Year-Over-Year Percentage Change |
|-----------------------------------|------------------------------|----------------------------------|------------------------------------|----------------------------------|
| FY 13-14 | 257,643 | | 5,831,360 | |
| FY 14-15 | 259,301 | 0.6% | 6,067,423 | 4.0% |
| FY 15-16 | 258,759 | -0.2% | 6,265,977 | 3.3% |
| FY 16-17 | 259,870 | 0.4% | 6,313,485 | 0.8% |
| Compound Annual Growth Rate SFY** | | 0.3% | | 2.7% |

Unique Count of Children and Youth Receiving SMHS



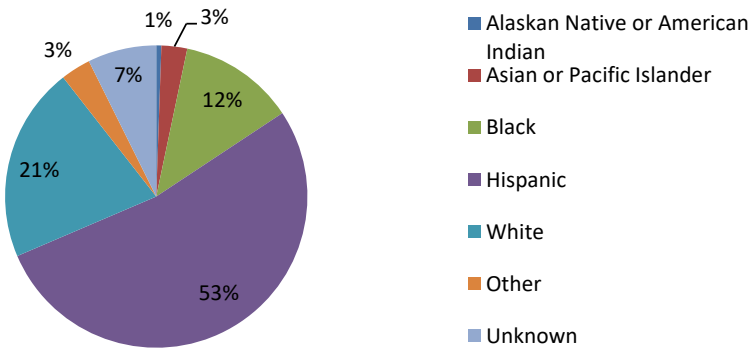
*SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

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

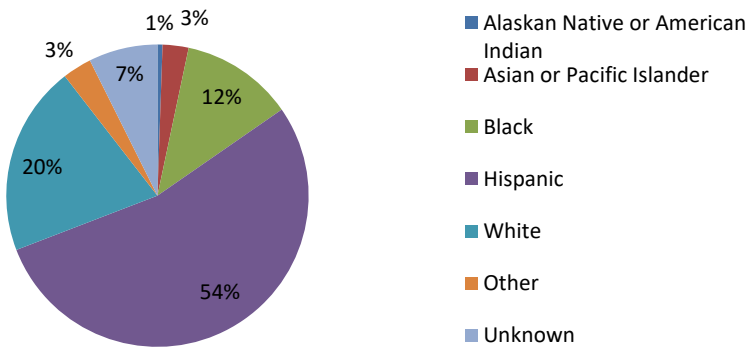
Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Statewide as of March 13, 2018

| 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 13-14 | 1,405 | 0.5% | 7,094 | 2.8% | 31,952 | 12.4% | 136,198 | 52.9% | 53,795 | 20.9% | 8,262 | 3.2% | 18,937 | 7.4% |
| FY 14-15 | 1,404 | 0.5% | 7,197 | 2.8% | 31,226 | 12.0% | 139,498 | 53.8% | 52,754 | 20.3% | 8,103 | 3.1% | 19,119 | 7.4% |
| FY 15-16 | 1,376 | 0.5% | 7,424 | 2.9% | 30,321 | 11.7% | 142,365 | 55.0% | 50,469 | 19.5% | 8,116 | 3.1% | 18,688 | 7.2% |
| FY 16-17 | 1,361 | 0.5% | 7,332 | 2.8% | 28,883 | 11.1% | 148,414 | 57.1% | 48,011 | 18.5% | 7,927 | 3.1% | 17,942 | 6.9% |

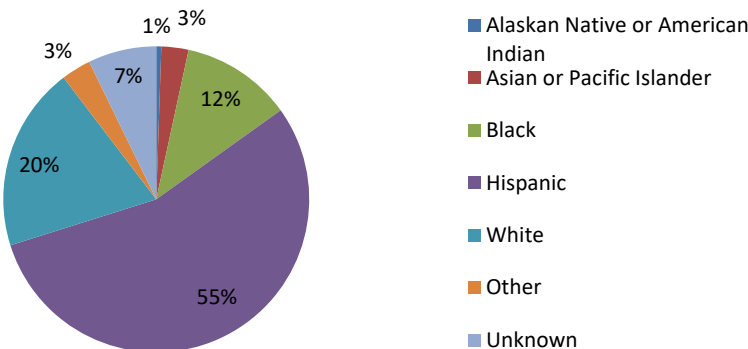
Fiscal Year 13-14 Race Distribution



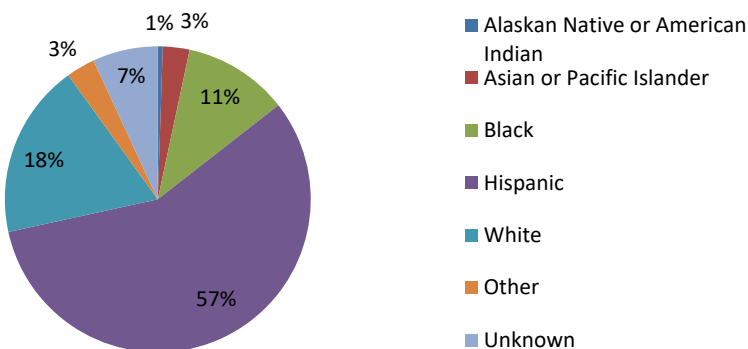
Fiscal Year 14-15 Race Distribution



Fiscal Year 15-16 Race Distribution



Fiscal Year 16-17 Race Distribution

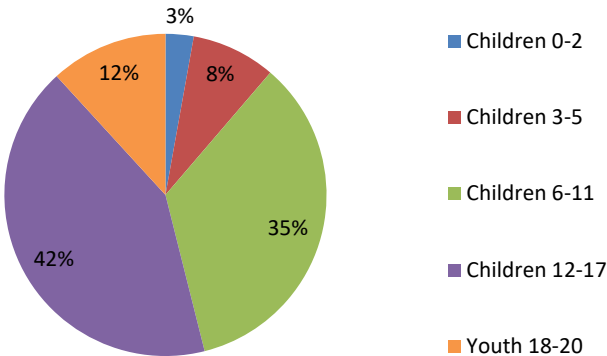


Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.

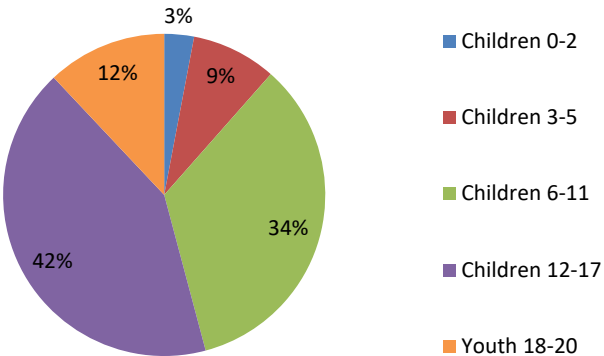
Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Statewide as of March 13, 2018

| Fiscal Year | Children 0-2 Count | Children 0-2 % | Children 3-5 Count | Children 3-5 % | Children 6-11 Count | Children 6-11 % | Children 12-17 Count | Children 12-17 % | Youth 18-20 Count | Youth 18-20 % |
|-------------|--------------------|----------------|--------------------|----------------|---------------------|-----------------|----------------------|------------------|-------------------|---------------|
| FY 13-14 | 7,272 | 2.8% | 21,800 | 8.5% | 89,672 | 34.8% | 108,477 | 42.1% | 30,422 | 11.8% |
| FY 14-15 | 7,738 | 3.0% | 22,118 | 8.5% | 89,044 | 34.3% | 109,228 | 42.1% | 31,173 | 12.0% |
| FY 15-16 | 7,840 | 3.0% | 21,675 | 8.4% | 88,955 | 34.4% | 108,472 | 41.9% | 31,817 | 12.3% |
| FY 16-17 | 7,594 | 2.9% | 20,626 | 7.9% | 88,226 | 34.0% | 111,486 | 42.9% | 31,938 | 12.3% |

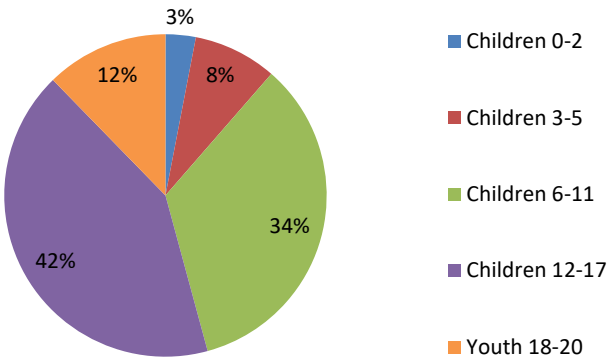
Fiscal Year 13-14 Age Group Distribution



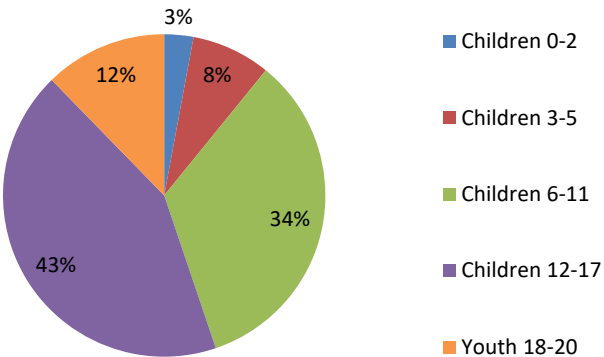
Fiscal Year 14-15 Age Group Distribution



Fiscal Year 15-16 Age Group Distribution



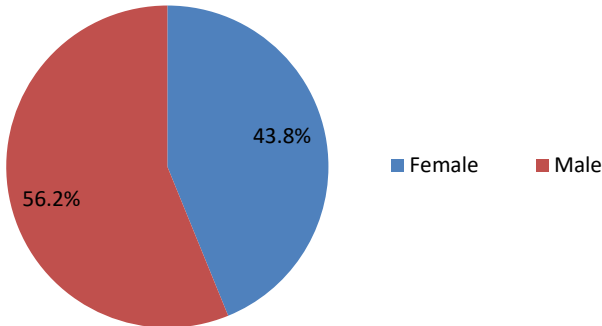
Fiscal Year 16-17 Age Group Distribution



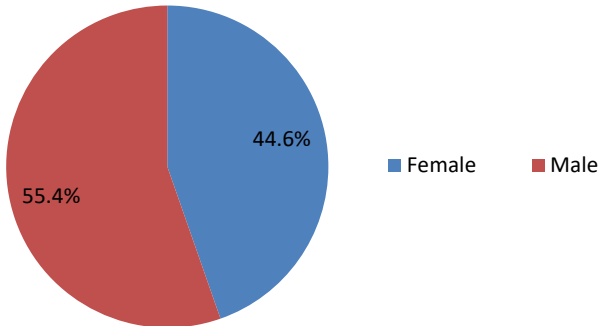
Demographics Report: Unique Count of Children and Youth Receiving SMHS by Fiscal Year
Statewide as of March 13, 2018

| Fiscal Year | Female Count | Female % | Male Count | Male % |
|-------------|--------------|----------|------------|--------|
| FY 13-14 | 112,941 | 43.8% | 144,702 | 56.2% |
| FY 14-15 | 115,757 | 44.6% | 143,544 | 55.4% |
| FY 15-16 | 116,269 | 44.9% | 142,490 | 55.1% |
| FY 16-17 | 118,307 | 45.5% | 141,563 | 54.5% |

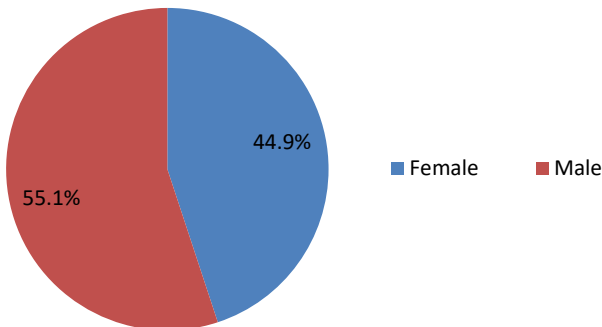
Fiscal Year 13-14 Gender Distribution



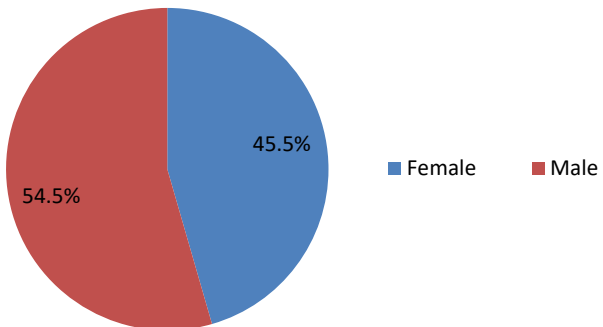
Fiscal Year 14-15 Gender Distribution



Fiscal Year 15-16 Gender Distribution

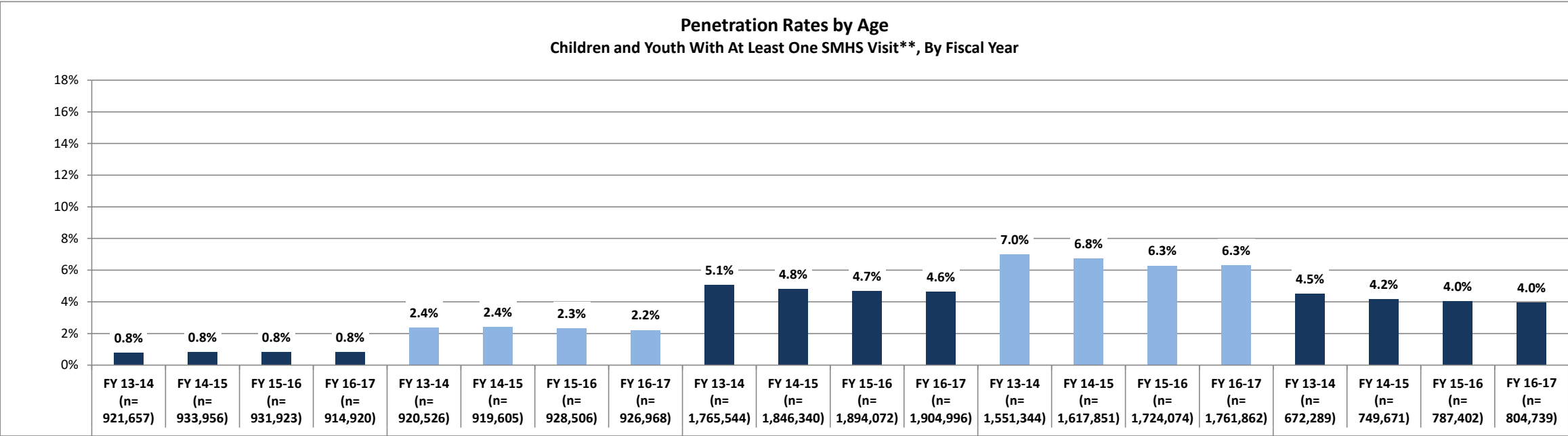


Fiscal Year 16-17 Gender Distribution



Penetration Rates* Report: Children and Youth With At Least One SMHS Visit**
Statewide as of March 13, 2018

| | FY 13-14 | | | FY 14-15 | | | FY 15-16 | | | FY 16-17 | | |
|-----------------------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|
| | 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 | 257,643 | 5,831,360 | 4.4% | 259,301 | 6,067,423 | 4.3% | 258,759 | 6,265,977 | 4.1% | 259,870 | 6,313,485 | 4.1% |
| Children 0-2 | 7,272 | 921,657 | 0.8% | 7,738 | 933,956 | 0.8% | 7,840 | 931,923 | 0.8% | 7,594 | 914,920 | 0.8% |
| Children 3-5 | 21,800 | 920,526 | 2.4% | 22,118 | 919,605 | 2.4% | 21,675 | 928,506 | 2.3% | 20,626 | 926,968 | 2.2% |
| Children 6-11 | 89,672 | 1,765,544 | 5.1% | 89,044 | 1,846,340 | 4.8% | 88,955 | 1,894,072 | 4.7% | 88,226 | 1,904,996 | 4.6% |
| Children 12-17 | 108,477 | 1,551,344 | 7.0% | 109,228 | 1,617,851 | 6.8% | 108,472 | 1,724,074 | 6.3% | 111,486 | 1,761,862 | 6.3% |
| Youth 18-20 | 30,422 | 672,289 | 4.5% | 31,173 | 749,671 | 4.2% | 31,817 | 787,402 | 4.0% | 31,938 | 804,739 | 4.0% |
| Alaskan Native or American Indian | 1,405 | 20,902 | 6.7% | 1,404 | 21,548 | 6.5% | 1,376 | 21,484 | 6.4% | 1,361 | 20,936 | 6.5% |
| Asian or Pacific Islander | 7,094 | 415,951 | 1.7% | 7,197 | 440,260 | 1.6% | 7,424 | 444,134 | 1.7% | 7,332 | 438,644 | 1.7% |
| Black | 31,952 | 432,122 | 7.4% | 31,226 | 439,147 | 7.1% | 30,321 | 436,686 | 6.9% | 28,883 | 431,466 | 6.7% |
| Hispanic | 136,198 | 3,424,331 | 4.0% | 139,498 | 3,524,825 | 4.0% | 142,365 | 3,628,102 | 3.9% | 148,414 | 3,646,539 | 4.1% |
| White | 53,795 | 871,891 | 6.2% | 52,754 | 919,102 | 5.7% | 50,469 | 925,157 | 5.5% | 48,011 | 906,921 | 5.3% |
| Other | 8,262 | 245,978 | 3.4% | 8,103 | 266,137 | 3.0% | 8,116 | 285,242 | 2.8% | 7,927 | 308,578 | 2.6% |
| Unknown | 18,937 | 420,185 | 4.5% | 19,119 | 456,404 | 4.2% | 18,688 | 525,172 | 3.6% | 17,942 | 560,401 | 3.2% |
| Female | 112,941 | 2,862,815 | 3.9% | 115,757 | 2,978,632 | 3.9% | 116,269 | 3,071,596 | 3.8% | 118,307 | 3,095,205 | 3.8% |
| Male | 144,702 | 2,968,545 | 4.9% | 143,544 | 3,088,791 | 4.6% | 142,490 | 3,194,381 | 4.5% | 141,563 | 3,218,280 | 4.4% |

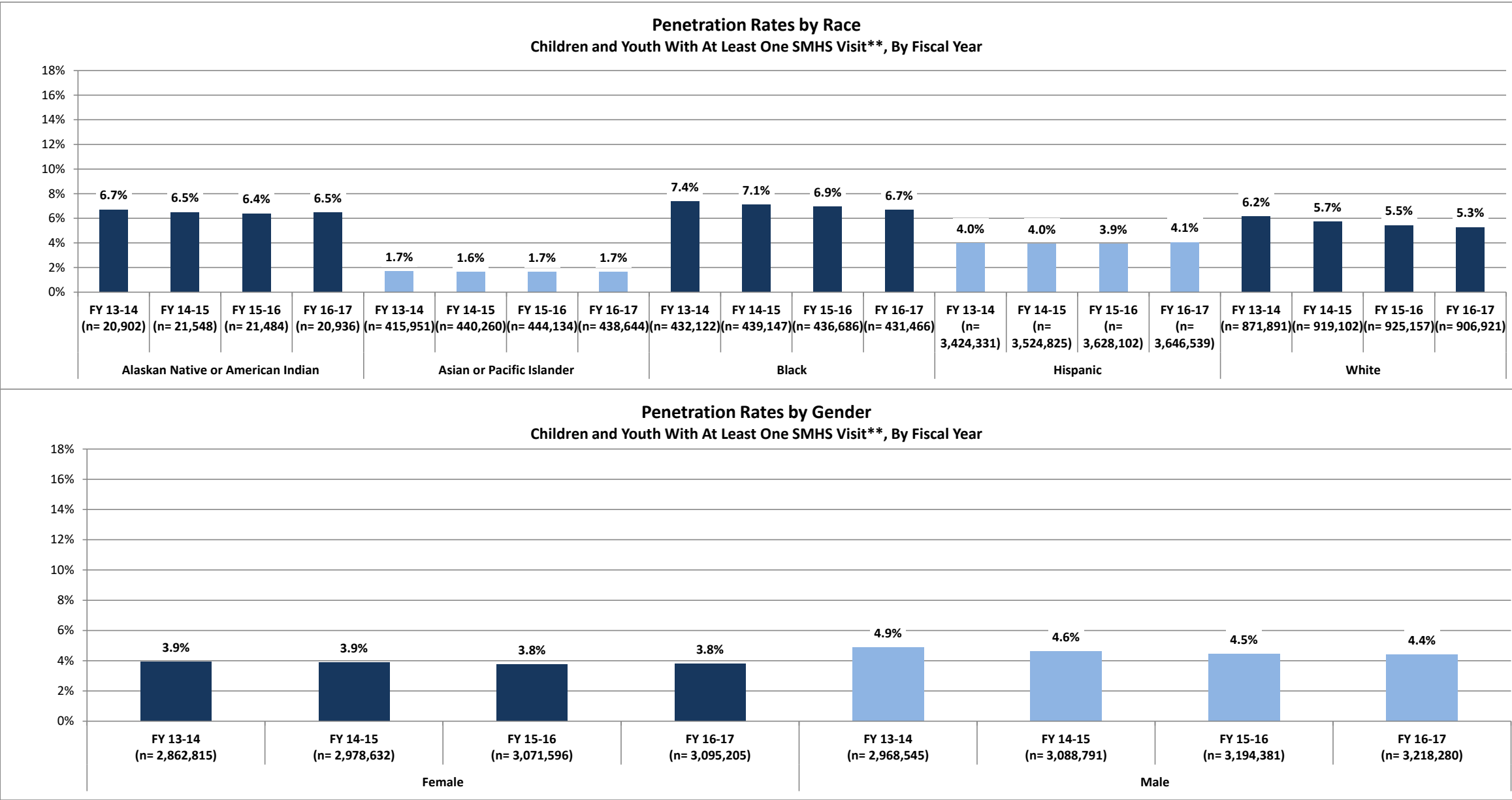


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Children and Youth that have received at least one SMHS that was claimed through the Short-Doyle/ Medi-Cal claiming system on at least one (1) day in the Fiscal Year.

Penetration Rates* Report: Children and Youth With At Least One SMHS Visit**

Statewide as of March 13, 2018

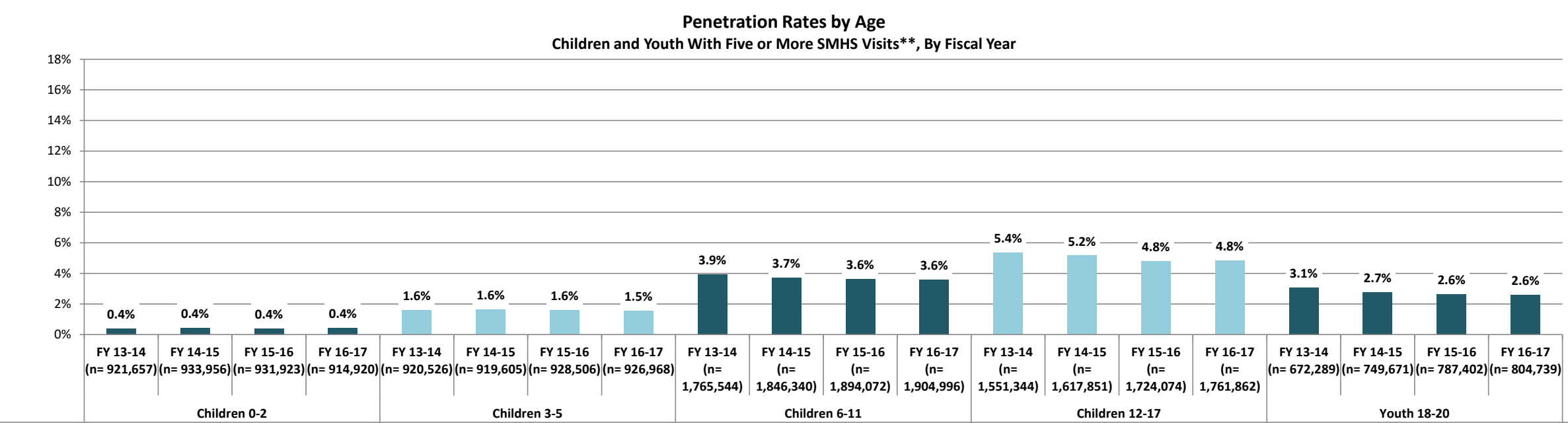


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Children and Youth that have received at least one SMHS that was claimed through the Short-Doyle/ Medi-Cal claiming system on at least one (1) day in the Fiscal Year.

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits**
Statewide as of March 13, 2018

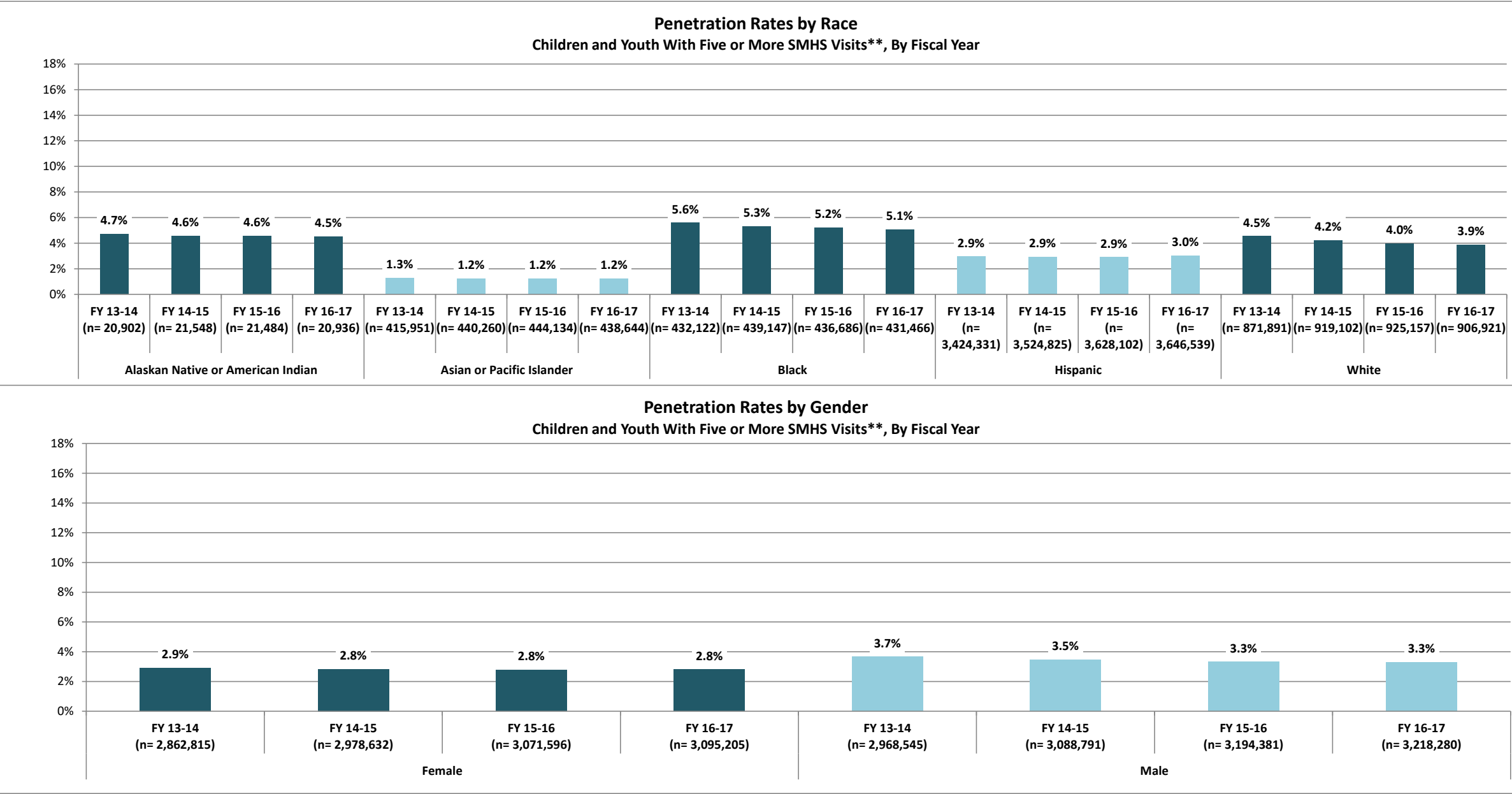
| | FY 13-14 | | | FY 14-15 | | | FY 15-16 | | | FY 16-17 | | |
|-----------------------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|---|---------------------------------------|------------------|
| | 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 | 191,647 | 5,831,360 | 3.3% | 191,249 | 6,067,423 | 3.2% | 190,741 | 6,265,977 | 3.0% | 192,686 | 6,313,485 | 3.1% |
| Children 0-2 | 3,548 | 921,657 | 0.4% | 3,900 | 933,956 | 0.4% | 3,809 | 931,923 | 0.4% | 3,906 | 914,920 | 0.4% |
| Children 3-5 | 14,725 | 920,526 | 1.6% | 14,936 | 919,605 | 1.6% | 14,640 | 928,506 | 1.6% | 14,227 | 926,968 | 1.5% |
| Children 6-11 | 69,356 | 1,765,544 | 3.9% | 68,300 | 1,846,340 | 3.7% | 68,711 | 1,894,072 | 3.6% | 68,509 | 1,904,996 | 3.6% |
| Children 12-17 | 83,340 | 1,551,344 | 5.4% | 83,506 | 1,617,851 | 5.2% | 82,763 | 1,724,074 | 4.8% | 85,173 | 1,761,862 | 4.8% |
| Youth 18-20 | 20,678 | 672,289 | 3.1% | 20,607 | 749,671 | 2.7% | 20,818 | 787,402 | 2.6% | 20,871 | 804,739 | 2.6% |
| Alaskan Native or American Indian | 988 | 20,902 | 4.7% | 987 | 21,548 | 4.6% | 980 | 21,484 | 4.6% | 947 | 20,936 | 4.5% |
| Asian or Pacific Islander | 5,259 | 415,951 | 1.3% | 5,339 | 440,260 | 1.2% | 5,363 | 444,134 | 1.2% | 5,438 | 438,644 | 1.2% |
| Black | 24,139 | 432,122 | 5.6% | 23,333 | 439,147 | 5.3% | 22,812 | 436,686 | 5.2% | 21,886 | 431,466 | 5.1% |
| Hispanic | 100,957 | 3,424,331 | 2.9% | 102,395 | 3,524,825 | 2.9% | 104,801 | 3,628,102 | 2.9% | 110,068 | 3,646,539 | 3.0% |
| White | 39,578 | 871,891 | 4.5% | 38,551 | 919,102 | 4.2% | 36,710 | 925,157 | 4.0% | 35,028 | 906,921 | 3.9% |
| Other | 6,208 | 245,978 | 2.5% | 6,016 | 266,137 | 2.3% | 5,928 | 285,242 | 2.1% | 5,802 | 308,578 | 1.9% |
| Unknown | 14,518 | 420,185 | 3.5% | 14,628 | 456,404 | 3.2% | 14,147 | 525,172 | 2.7% | 13,517 | 560,401 | 2.4% |
| Female | 83,193 | 2,862,815 | 2.9% | 84,388 | 2,978,632 | 2.8% | 84,882 | 3,071,596 | 2.8% | 86,699 | 3,095,205 | 2.8% |
| Male | 108,454 | 2,968,545 | 3.7% | 106,861 | 3,088,791 | 3.5% | 105,859 | 3,194,381 | 3.3% | 105,987 | 3,218,280 | 3.3% |



*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 that have received at least five SMHS that were claimed through the Short-Doyle/ Medi-Cal claiming system on at least five (5) or more different days in the Fiscal Year.

Penetration Rates* Report: Children and Youth With Five or More SMHS Visits**
 Statewide as of March 13, 2018

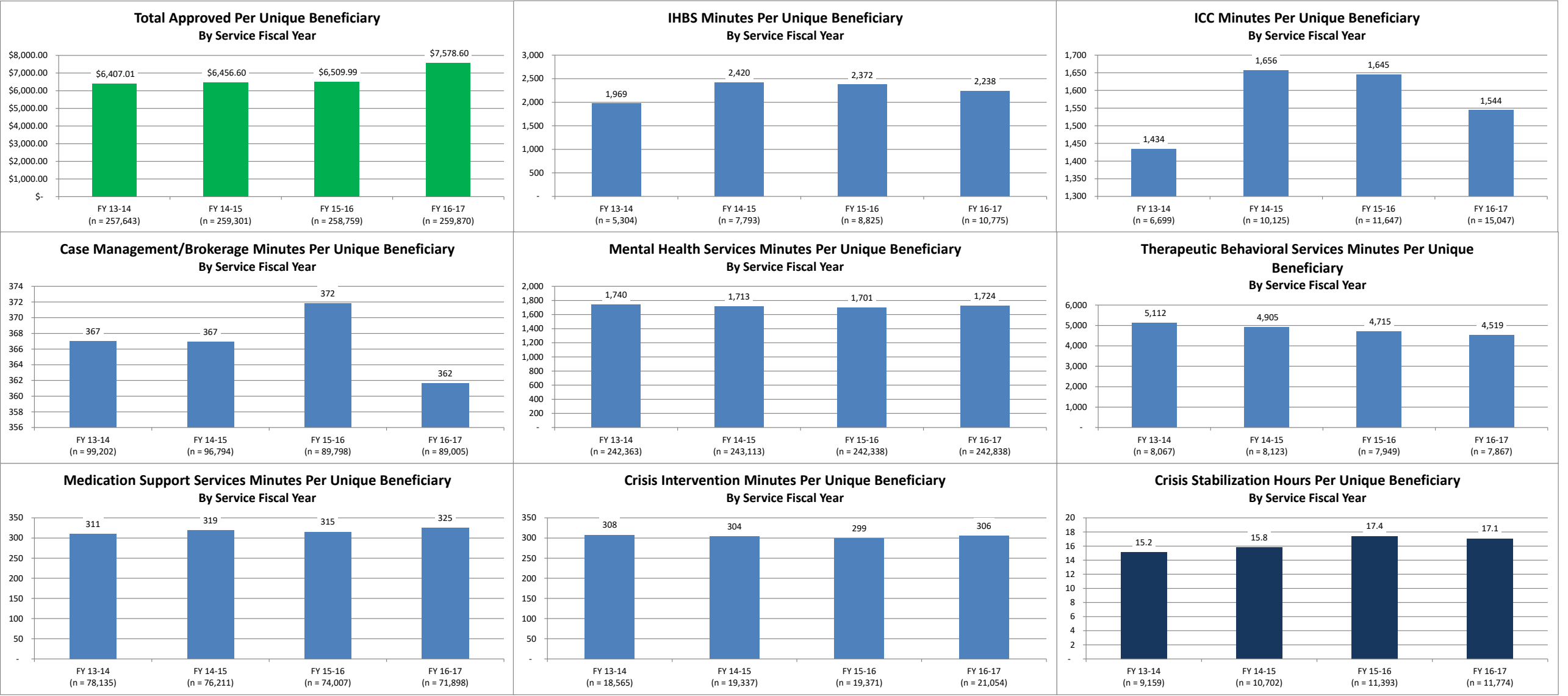


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Children and Youth that have received at least five SMHS that were claimed through the Short-Doyle/ Medi-Cal claiming system on at least five (5) or more different days in the Fiscal Year.

Utilization Report*: Approved Specialty Mental Health Services for Children and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Statewide as of March 13, 2018

| 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 Rehab (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 13-14 | \$ 6,407 | 1,969 | 1,434 | 367 | 1,740 | 5,112 | 311 | 308 | 15 | 516 | 459 | 8 | 14 | 8 | 19 | 119 | 15 |
| FY 14-15 | \$ 6,457 | 2,420 | 1,656 | 367 | 1,713 | 4,905 | 319 | 304 | 16 | 528 | 524 | 7 | 13 | 8 | 20 | 99 | 13 |
| FY 15-16 | \$ 6,510 | 2,372 | 1,645 | 372 | 1,701 | 4,715 | 315 | 299 | 17 | 566 | 537 | 7 | 15 | 8 | 20 | 99 | 12 |
| FY 16-17 | \$ 7,579 | 2,238 | 1,544 | 362 | 1,724 | 4,519 | 325 | 306 | 17 | 547 | 478 | 7 | 12 | 8 | 18 | 92 | 12 |
| MEAN | \$ 6,738 | 2,250 | 1,570 | 367 | 1,720 | 4,813 | 318 | 304 | 16 | 539 | 500 | 7 | 14 | 8 | 19 | 102 | 13 |



*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 and Youth
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Statewide as of March 13, 2018



*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.

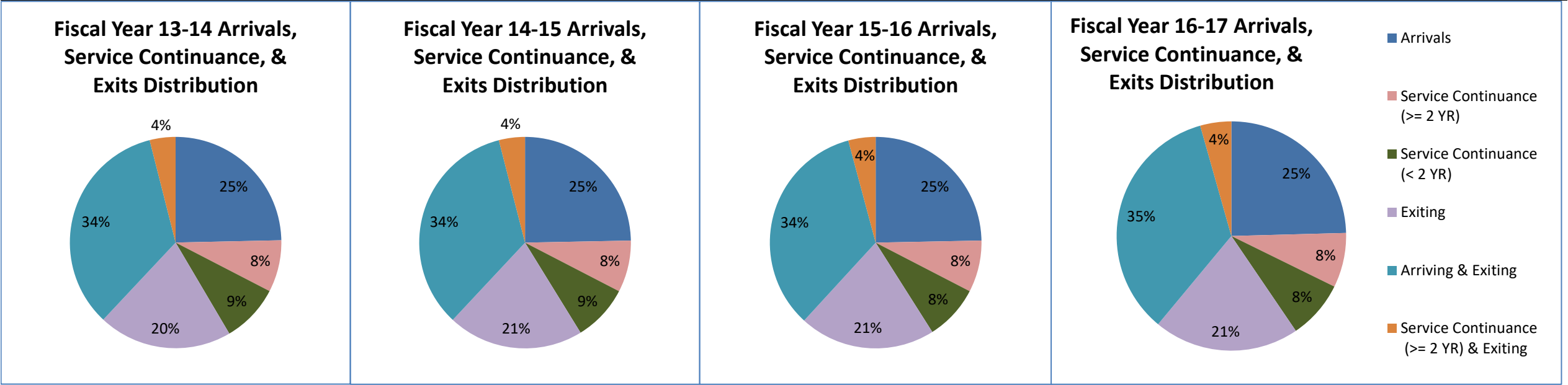
Snapshot Report: Unique Count of Children and Youth Receiving SMHS

Arriving, Exiting, and with Service Continuance by Fiscal Year

Statewide as of March 13, 2018

| 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 13-14 | 63,523 | 24.7% | 20,459 | 7.9% | 22,996 | 8.9% | 52,732 | 20.5% | 87,746 | 34.1% | 10,187 | 4.0% | 257,643 | 100% |
| FY 14-15 | 64,024 | 24.7% | 20,508 | 7.9% | 22,329 | 8.6% | 53,813 | 20.8% | 88,297 | 34.1% | 10,330 | 4.0% | 259,301 | 100% |
| FY 15-16 | 63,877 | 24.7% | 20,463 | 7.9% | 21,778 | 8.4% | 53,836 | 20.8% | 88,020 | 34.0% | 10,785 | 4.2% | 258,759 | 100% |
| FY 16-17 | 63,858 | 24.6% | 20,003 | 7.7% | 21,390 | 8.2% | 53,340 | 20.5% | 89,894 | 34.6% | 11,385 | 4.4% | 259,870 | 100% |

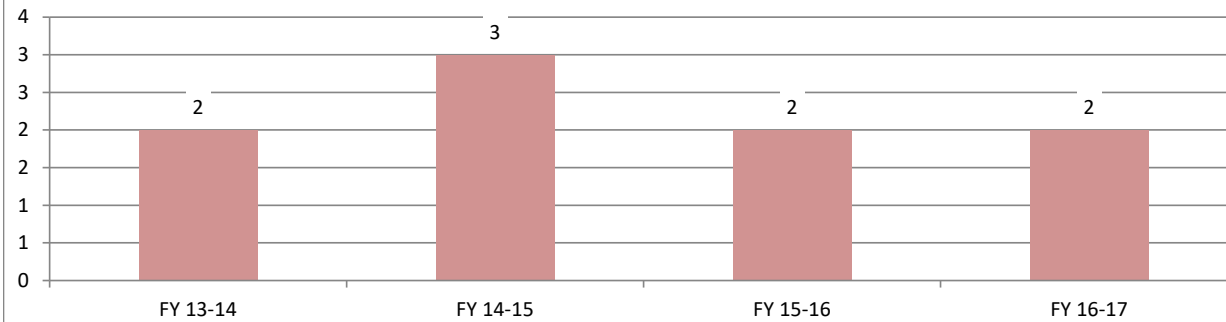


Time to Step Down Report: Children and Youth Stepping Down in SMHS Services Post Inpatient Discharge

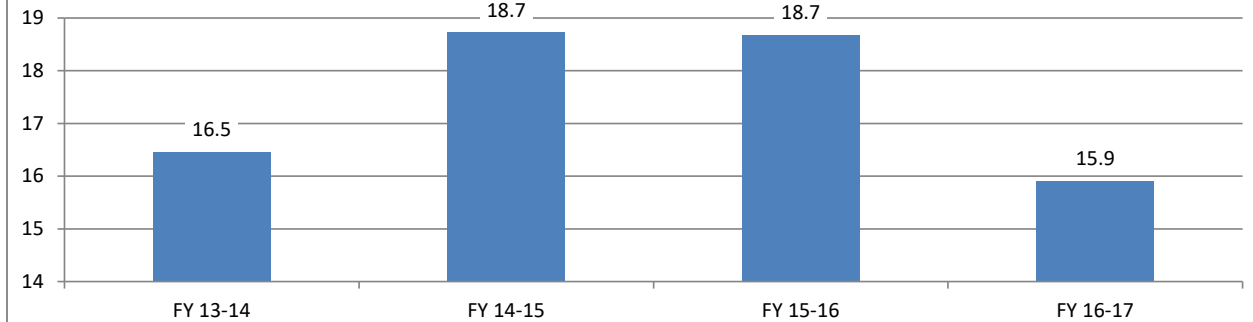
Statewide as of March 13, 2018

| 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 | Percentage of Inpatient Discharges with Step Down Between 8 and 30 Days | 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 13-14 | 11,216 | 65.6% | 2,577 | 15.1% | 2,144 | 12.5% | 1,170 | 6.8% | 0 | 364 | 16.5 | 2 |
| FY 14-15 | 11,736 | 62.8% | 2,862 | 15.3% | 2,411 | 12.9% | 1,670 | 8.9% | 0 | 365 | 18.7 | 3 |
| FY 15-16 | 11,380 | 63.5% | 2,498 | 13.9% | 2,182 | 12.2% | 1,857 | 10.4% | 0 | 365 | 18.7 | 2 |
| FY 16-17 | 12,926 | 63.8% | 2,771 | 13.7% | 2,014 | 9.9% | 2,562 | 12.6% | 0 | 365 | 15.9 | 2 |

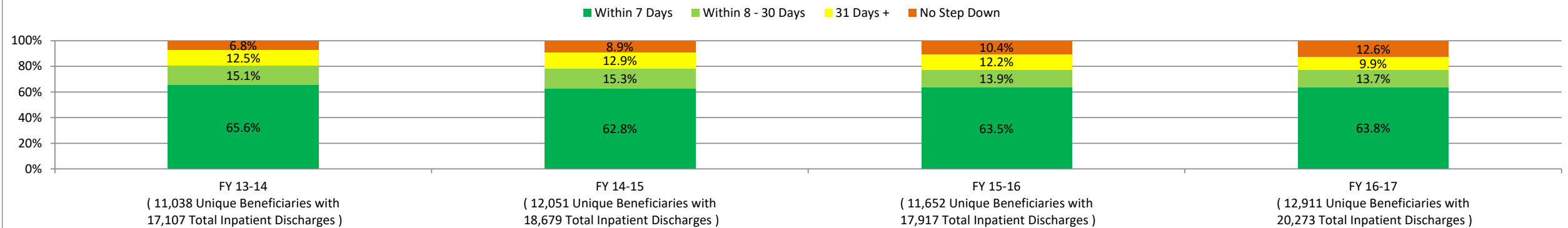
Median Time Between Inpatient Discharge and Step Down Service in Days



Mean Time Between Inpatient Discharge and Step Down Service in Days



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



* **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.

Performance Outcomes System Adult Reports



2018

Performance Outcomes Adult Specialty Mental Health Services Report

Report Date March 22, 2018

Background

This report measures the effectiveness of adult specialty mental health services. It models reports developed to measure Early and Periodic Screening, Diagnosis, and Treatment (EPSDT) mental health services as mandated by Welfare and Institutions Code Section 14707.5. The intent of these reports is to 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, to develop a Performance Measurement Paradigm, and to design 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>.

Overview

Three reports will be provided: statewide aggregate data; population-based county groups; and county-specific data. These aggregate reports provide adult information on the initial indicators that were developed for the Performance Outcomes System. DHCS plans to move to annual reporting of these data for the Performance Outcomes System.

The first series of charts and tables focus on the demographics of adults 21* and older 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. Utilization of services reports are shown in terms of dollars, as well as by service in time increments. Two types of penetration information are provided; both penetration rate tables are also broken out by demographic characteristics. The snapshot table provides a point-in-time view of adults 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 stepdown services following inpatient discharge.

Where possible, the reports provide trend information by displaying information for Fiscal Years (FY) 13/14, 14/15, 15/16, and 16/17.

Definitions

***Population** - Beneficiaries with approved services adjudicated through the Short Doyle/Medi-Cal II claiming system that were:

- Age 21 or older 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 13/14 through FY 16/17.

•Medi-Cal Eligibility Data System (MEDS) data from the Management Information System/Decision Support System (MIS/DSS) FY 13/14 through FY 16/17.

Performance Outcomes Adult Specialty Mental Health Services Report

Report Date March 22, 2018

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/services/MH/Documents/MedCCC/Library/POSMeasuresCatalog_Sept15Reporting_Final_1.11.15.pdf

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, these data are represented as follows: 1) Data that are missing is indicated as "-" 2) Data that have been suppressed due to privacy concerns is indicated as "^".

Report Highlights

*County-specific findings may be interpreted alongside the POS statewide and population-based 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 makes comparison between the POS penetration rates and the EQRO penetration rates not appropriate nor 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 adults who received a number of SMHS (1 or 5 for POS) in a FY and dividing that by the total number of Medi-Cal eligible adults 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 adults' movement through the SMHS system. The report uses five general categories to classify if an adult is entering, exiting, continuing services, or a combination of these categories (e.g., arriving and exiting). As of now, this report only classifies adults and their service usage for FY 12/13 through FY15/16. Eventually the snapshot data will be used along with measures of service effectiveness to identify whether adults 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 measured in the **time to step-down services** report relies solely on claims data from Short Doyle/Medi-Cal II. 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 on the county of fiscal responsibility for the patient who receives step-down services.

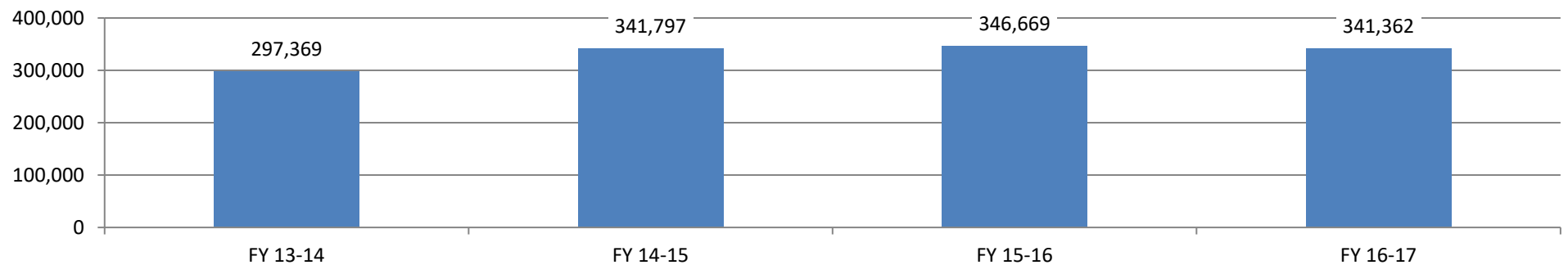
Please contact cmhpos@dhcs.ca.gov for any questions regarding this report.

Demographics Report: Unique Count of Adults Receiving SMHS by Fiscal Year

Statewide as of March 22, 2018

| SFY | Unique Count Receiving SMHS* | Year-Over-Year Percentage Change | Unique Count of Medi-Cal Eligibles | Year-Over-Year Percentage Change |
|-----------------------------------|------------------------------|----------------------------------|------------------------------------|----------------------------------|
| FY 13-14 | 297,369 | | 5,753,705 | |
| FY 14-15 | 341,797 | 14.9% | 7,189,144 | 24.9% |
| FY 15-16 | 346,669 | 1.4% | 7,882,474 | 9.6% |
| FY 16-17 | 341,362 | -1.5% | 8,220,974 | 4.3% |
| Compound Annual Growth Rate SFY** | | 4.7% | | 12.6% |

Unique Count of Adults Receiving SMHS



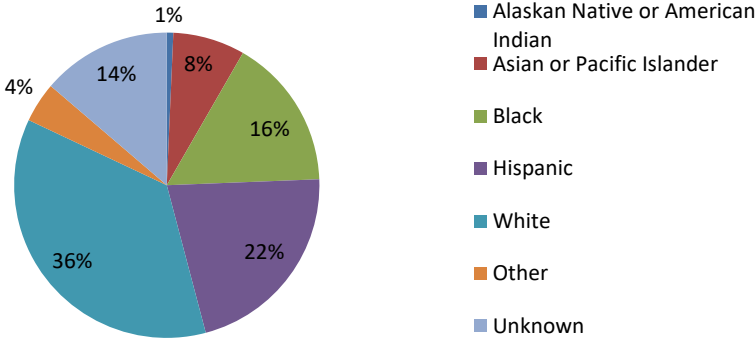
*SMHS = Specialty Mental Health Services. See Measures Catalog for more detailed information.

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

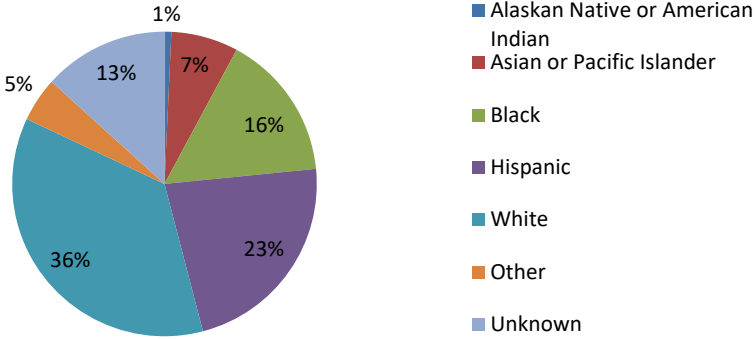
Demographics Report: Unique Count of Adults Receiving SMHS by Fiscal Year
Statewide as of March 22, 2018

| 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 13-14 | 2,052 | 0.7% | 22,680 | 7.6% | 47,759 | 16.1% | 63,960 | 21.5% | 107,432 | 36.1% | 12,633 | 4.2% | 40,853 | 13.7% |
| FY 14-15 | 2,472 | 0.7% | 24,367 | 7.1% | 53,212 | 15.6% | 76,949 | 22.5% | 123,303 | 36.1% | 16,059 | 4.7% | 45,435 | 13.3% |
| FY 15-16 | 2,527 | 0.7% | 23,545 | 6.8% | 53,199 | 15.3% | 82,740 | 23.9% | 122,876 | 35.4% | 16,933 | 4.9% | 44,849 | 12.9% |
| FY 16-17 | 2,457 | 0.7% | 22,497 | 6.6% | 51,732 | 15.2% | 85,652 | 25.1% | 119,159 | 34.9% | 17,379 | 5.1% | 42,486 | 12.4% |

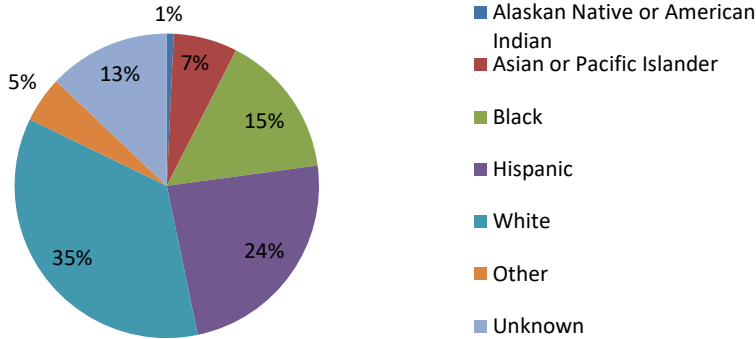
Fiscal Year 13-14 Race Distribution



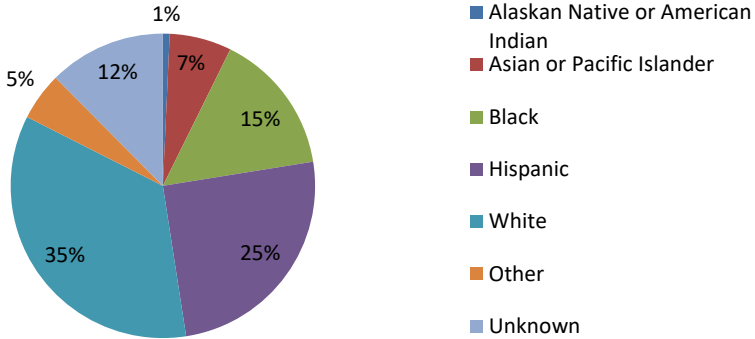
Fiscal Year 14-15 Race Distribution



Fiscal Year 15-16 Race Distribution



Fiscal Year 16-17 Race Distribution

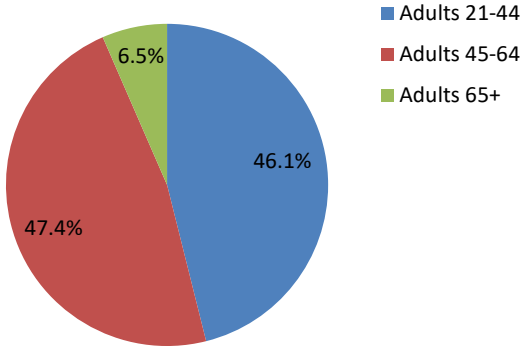


Please note: This report uses the Medi-Cal Eligibility Data System to obtain race/ethnicity data. CDSS uses Child Welfare Services/Case Management System to obtain race/ethnicity data. For more information, please refer to the Measures Catalog.
^ Data has been suppressed to protect patient privacy.

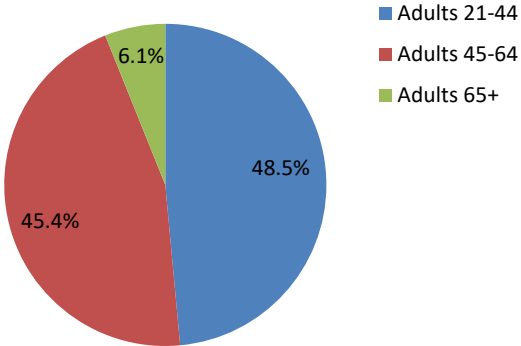
Demographics Report: Unique Count of Adults Receiving SMHS by Fiscal Year
Statewide as of March 22, 2018

| Fiscal Year | Adults 21-44 Count | Adults 21-44 % | Adults 45-64 Count | Adults 45-64 % | Adults 65+ Count | Adults 65+ % |
|-------------|--------------------|----------------|--------------------|----------------|------------------|--------------|
| FY 13-14 | 137,086 | 46.1% | 140,850 | 47.4% | 19,433 | 6.5% |
| FY 14-15 | 165,870 | 48.5% | 155,125 | 45.4% | 20,802 | 6.1% |
| FY 15-16 | 172,744 | 49.8% | 152,184 | 43.9% | 21,741 | 6.3% |
| FY 16-17 | 173,087 | 50.7% | 145,546 | 42.6% | 22,729 | 6.7% |

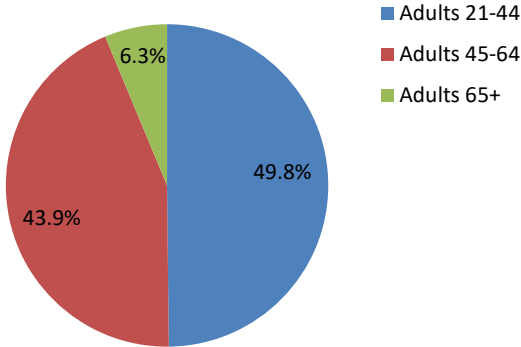
Fiscal Year 13-14 Age Group Distribution



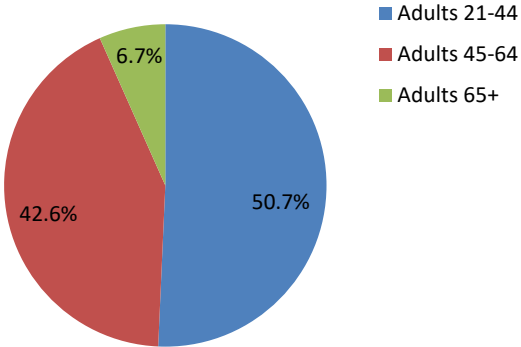
Fiscal Year 14-15 Age Group Distribution



Fiscal Year 15-16 Age Group Distribution



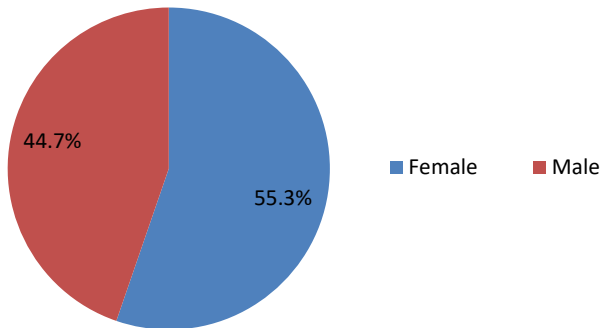
Fiscal Year 16-17 Age Group Distribution



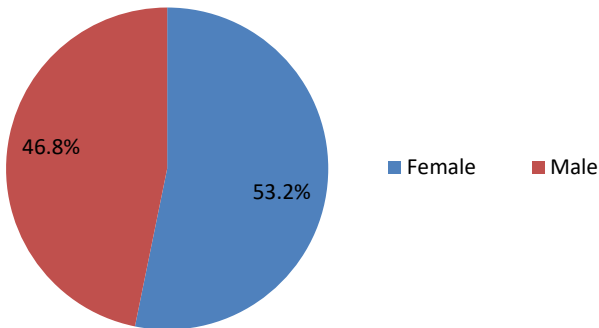
Demographics Report: Unique Count of Adults by Fiscal Year
Statewide as of March 22, 2018

| Fiscal Year | Female Count | Female % | Male Count | Male % |
|-------------|--------------|----------|------------|--------|
| FY 13-14 | 164,381 | 55.3% | 132,988 | 44.7% |
| FY 14-15 | 181,868 | 53.2% | 159,929 | 46.8% |
| FY 15-16 | 182,258 | 52.6% | 164,411 | 47.4% |
| FY 16-17 | 177,434 | 52.0% | 163,928 | 48.0% |

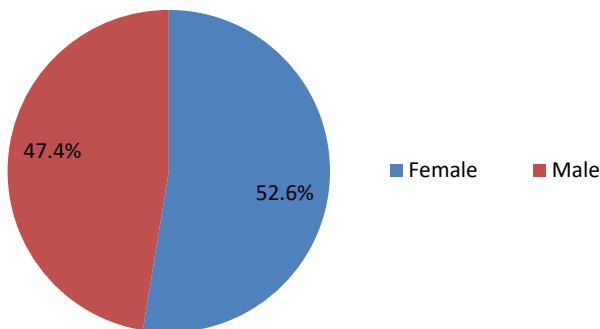
Fiscal Year 13-14 Gender Distribution



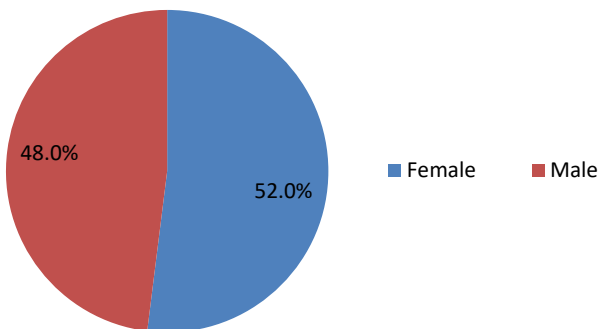
Fiscal Year 14-15 Gender Distribution



Fiscal Year 15-16 Gender Distribution

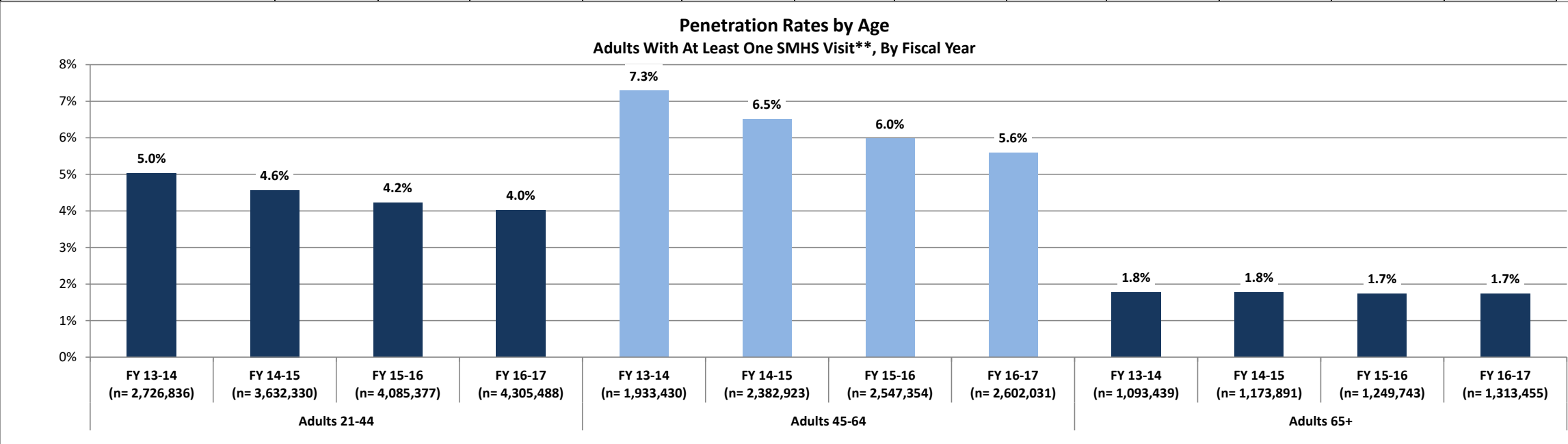


Fiscal Year 16-17 Gender Distribution



Penetration Rates* Report: Adults With At Least One SMHS Visit**
Statewide as of March 22, 2018

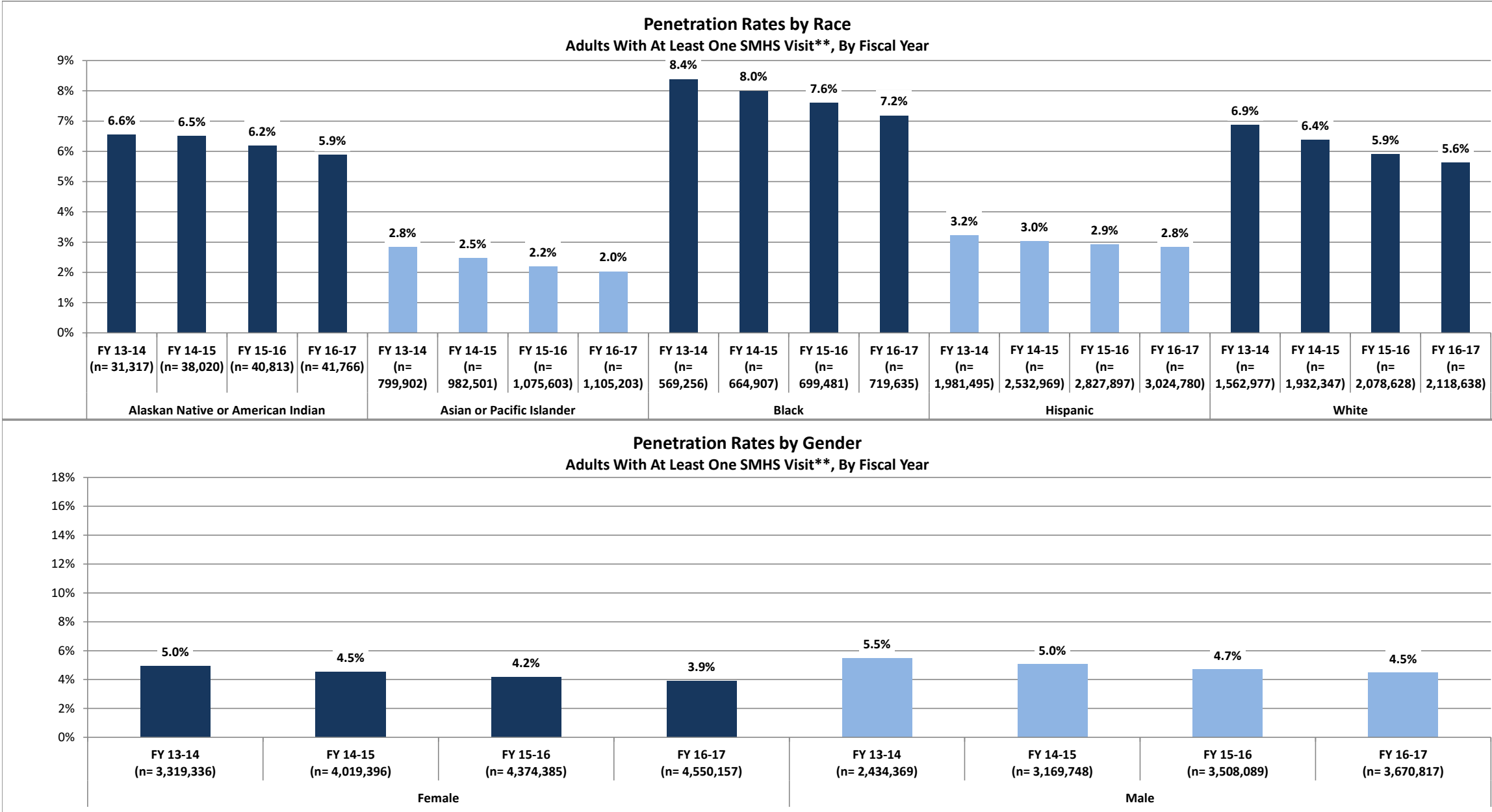
| | FY 13-14 | | | FY 14-15 | | | FY 15-16 | | | FY 16-17 | | |
|-----------------------------------|---|--|------------------|---|--|------------------|--|--|------------------|--|--|------------------|
| | Adults and Older Adults with 1 or more SMHS | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 1 or more SMHS | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 1 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 1 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate |
| All | 297,369 | 5,753,705 | 5.2% | 341,797 | 7,189,144 | 4.8% | 346,669 | 7,882,474 | 4.4% | 341,362 | 8,220,974 | 4.2% |
| Adults 21-44 | 137,086 | 2,726,836 | 5.0% | 165,870 | 3,632,330 | 4.6% | 172,744 | 4,085,377 | 4.2% | 173,087 | 4,305,488 | 4.0% |
| Adults 45-64 | 140,850 | 1,933,430 | 7.3% | 155,125 | 2,382,923 | 6.5% | 152,184 | 2,547,354 | 6.0% | 145,546 | 2,602,031 | 5.6% |
| Adults 65+ | 19,433 | 1,093,439 | 1.8% | 20,802 | 1,173,891 | 1.8% | 21,741 | 1,249,743 | 1.7% | 22,729 | 1,313,455 | 1.7% |
| Alaskan Native or American Indian | 2,052 | 31,317 | 6.6% | 2,472 | 38,020 | 6.5% | 2,527 | 40,813 | 6.2% | 2,457 | 41,766 | 5.9% |
| Asian or Pacific Islander | 22,680 | 799,902 | 2.8% | 24,367 | 982,501 | 2.5% | 23,545 | 1,075,603 | 2.2% | 22,497 | 1,105,203 | 2.0% |
| Black | 47,759 | 569,256 | 8.4% | 53,212 | 664,907 | 8.0% | 53,199 | 699,481 | 7.6% | 51,732 | 719,635 | 7.2% |
| Hispanic | 63,960 | 1,981,495 | 3.2% | 76,949 | 2,532,969 | 3.0% | 82,740 | 2,827,897 | 2.9% | 85,652 | 3,024,780 | 2.8% |
| White | 107,432 | 1,562,977 | 6.9% | 123,303 | 1,932,347 | 6.4% | 122,876 | 2,078,628 | 5.9% | 119,159 | 2,118,638 | 5.6% |
| Other | 12,633 | 301,377 | 4.2% | 16,059 | 409,757 | 3.9% | 16,933 | 473,247 | 3.6% | 17,379 | 513,280 | 3.4% |
| Unknown | 40,853 | 507,381 | 8.1% | 45,435 | 628,643 | 7.2% | 44,849 | 686,805 | 6.5% | 42,486 | 697,672 | 6.1% |
| Female | 164,381 | 3,319,336 | 5.0% | 181,868 | 4,019,396 | 4.5% | 182,258 | 4,374,385 | 4.2% | 177,434 | 4,550,157 | 3.9% |
| Male | 132,988 | 2,434,369 | 5.5% | 159,929 | 3,169,748 | 5.0% | 164,411 | 3,508,089 | 4.7% | 163,928 | 3,670,817 | 4.5% |



*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.

**Adults and Older Adults at least one SMHS that was claimed through the Short-Doyle/ Medi-Cal claiming system on at least one (1) day in the Fiscal Year.

Penetration Rates* Report: Adults With At Least One SMHS Visit**
Statewide as of March 22, 2018

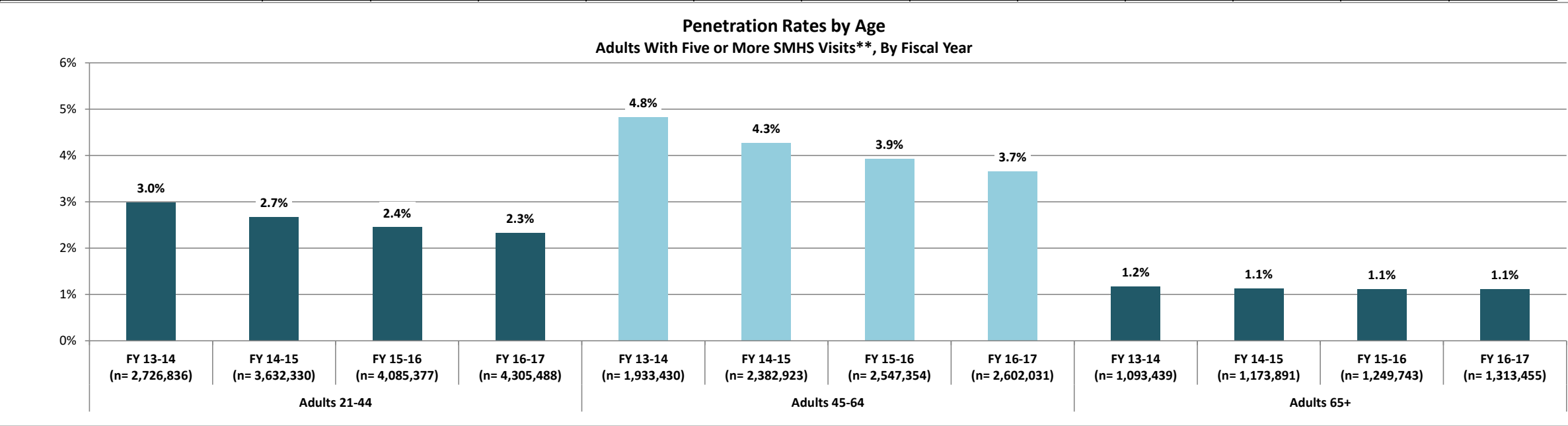


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Adults and Older Adults at least one SMHS that was claimed through the Short-Doyle/ Medi-Cal claiming system on at least one (1) day in the Fiscal Year.

Penetration Rates* Report: Adults With Five or More SMHS Visits**
Statewide as of March 22, 2018

| | FY 13-14 | | | FY 14-15 | | | FY 15-16 | | | FY 16-17 | | |
|-----------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
| | Adults and Older Adults with 5 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 5 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 5 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate | Adults and Older Adults with 5 or more SMHS Visits | Certified Eligible Adults and Older Adults | Penetration Rate |
| All | 187,682 | 5,753,705 | 3.3% | 212,021 | 7,189,144 | 2.9% | 214,035 | 7,882,474 | 2.7% | 209,648 | 8,220,974 | 2.6% |
| Adults 21-44 | 81,549 | 2,726,836 | 3.0% | 96,893 | 3,632,330 | 2.7% | 100,023 | 4,085,377 | 2.4% | 100,028 | 4,305,488 | 2.3% |
| Adults 45-64 | 93,318 | 1,933,430 | 4.8% | 101,866 | 2,382,923 | 4.3% | 100,068 | 2,547,354 | 3.9% | 95,053 | 2,602,031 | 3.7% |
| Adults 65+ | 12,815 | 1,093,439 | 1.2% | 13,262 | 1,173,891 | 1.1% | 13,944 | 1,249,743 | 1.1% | 14,567 | 1,313,455 | 1.1% |
| Alaskan Native or American Indian | 1,283 | 31,317 | 4.1% | 1,467 | 38,020 | 3.9% | 1,479 | 40,813 | 3.6% | 1,399 | 41,766 | 3.3% |
| Asian or Pacific Islander | 16,183 | 799,902 | 2.0% | 16,286 | 982,501 | 1.7% | 15,689 | 1,075,603 | 1.5% | 15,181 | 1,105,203 | 1.4% |
| Black | 29,051 | 569,256 | 5.1% | 31,848 | 664,907 | 4.8% | 31,908 | 699,481 | 4.6% | 30,834 | 719,635 | 4.3% |
| Hispanic | 38,929 | 1,981,495 | 2.0% | 46,539 | 2,532,969 | 1.8% | 49,717 | 2,827,897 | 1.8% | 51,308 | 3,024,780 | 1.7% |
| White | 67,497 | 1,562,977 | 4.3% | 75,899 | 1,932,347 | 3.9% | 75,410 | 2,078,628 | 3.6% | 72,725 | 2,118,638 | 3.4% |
| Other | 7,674 | 301,377 | 2.5% | 9,514 | 409,757 | 2.3% | 9,899 | 473,247 | 2.1% | 10,074 | 513,280 | 2.0% |
| Unknown | 27,065 | 507,381 | 5.3% | 30,468 | 628,643 | 4.8% | 29,933 | 686,805 | 4.4% | 28,127 | 697,672 | 4.0% |
| Female | 103,300 | 3,319,336 | 3.1% | 113,372 | 4,019,396 | 2.8% | 113,186 | 4,374,385 | 2.6% | 109,567 | 4,550,157 | 2.4% |
| Male | 84,382 | 2,434,369 | 3.5% | 98,649 | 3,169,748 | 3.1% | 100,849 | 3,508,089 | 2.9% | 100,081 | 3,670,817 | 2.7% |

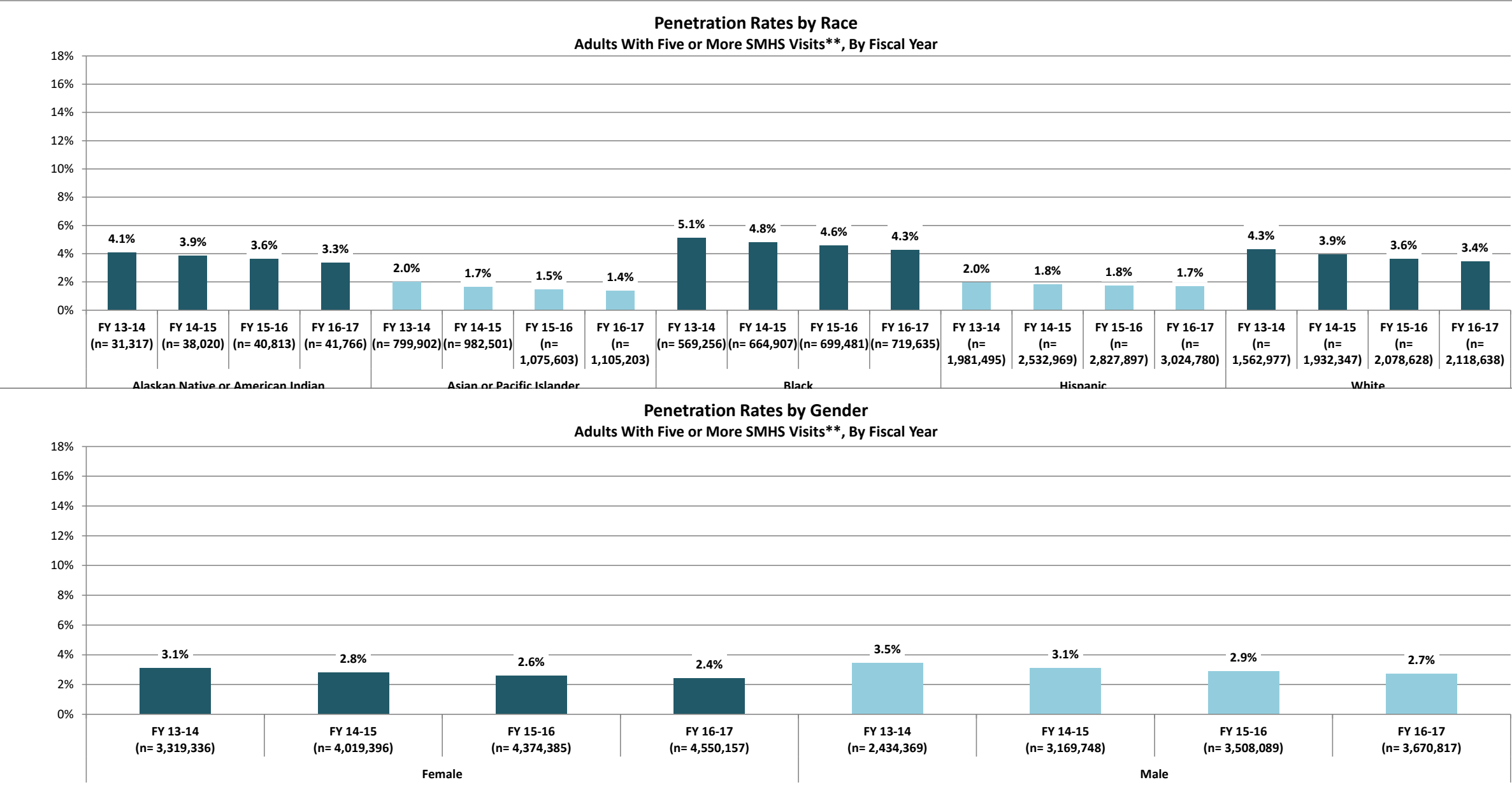


*Penetration Rate is defined as the percentage of SMHS eligible beneficiaries that have received a SMHS that was claimed via the Short-Doyle/Medi-Cal claiming system. This does not include non-specialty mental health services provided in Medi-Cal Managed Care system.

**Adults and Older Adultsthat have received at least five SMHS that were claimed through the Short-Doyle/ Medi-Cal claiming system on at least five (5) or more different days in the Fiscal Year.

Penetration Rates* Report: Adults With Five or More SMHS Visits**

Statewide as of March 22, 2018

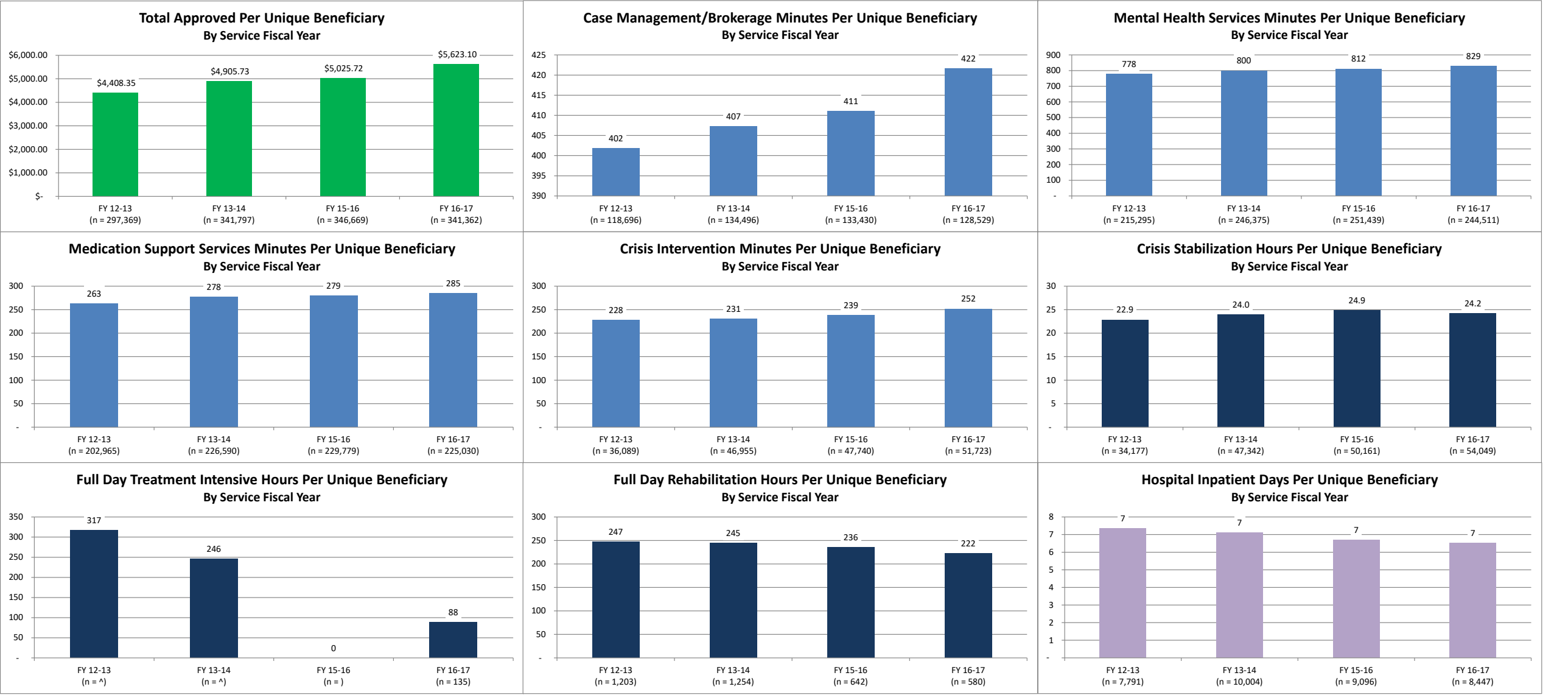


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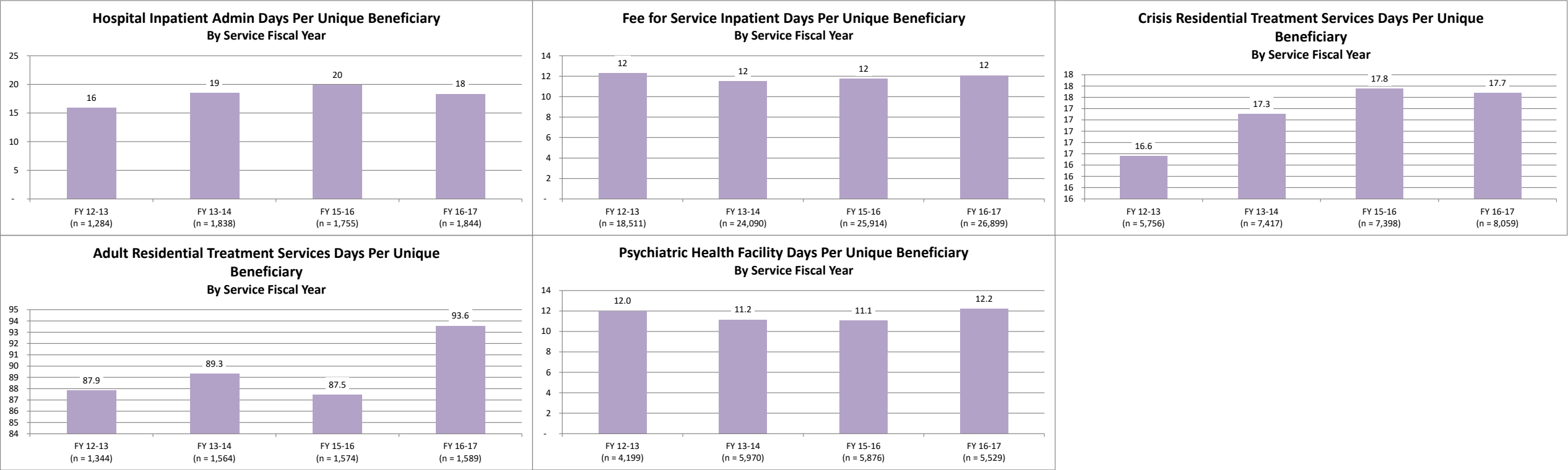
Utilization Report*: Approved Specialty Mental Health Services for Adults
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Statewide as of March 22, 2018

| Fiscal Year | SDMC Total Approved | Case Management/ Brokerage (Minutes) | Mental Health 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 | \$ 4,408 | 402 | 778 | 263 | 228 | 23 | 317 | 247 | 7 | 16 | 12 | 17 | 88 | 12 |
| FY 13-14 | \$ 4,906 | 407 | 800 | 278 | 231 | 24 | 246 | 245 | 7 | 19 | 12 | 17 | 89 | 11 |
| FY 15-16 | \$ 5,026 | 411 | 812 | 279 | 239 | 25 | 0 | 236 | 7 | 20 | 12 | 18 | 87 | 11 |
| FY 16-17 | \$ 5,623 | 422 | 829 | 285 | 252 | 24 | 88 | 222 | 7 | 18 | 12 | 18 | 94 | 12 |
| MEAN | \$ 4,991 | 410 | 805 | 276 | 237 | 24 | 217 | 237 | 7 | 18 | 12 | 17 | 90 | 12 |



*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 Adults
Mean Expenditures and Mean Service Quantity per Unique Beneficiary by Fiscal Year**
Statewide as of March 22, 2018



*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.

Snapshot Report: Unique Count of Adults Receiving SMHS

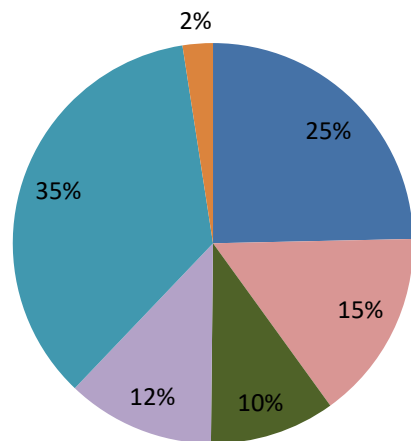
Arriving, Exiting, and with Service Continuance by Fiscal Year

Statewide as of March 22, 2018

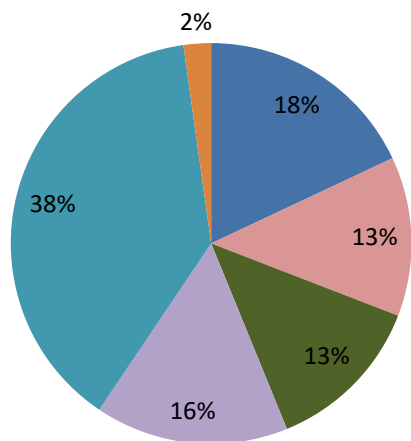
| Category | Description (Please refer to the Measures Catalog for more detailed descriptions on all Performance Outcomes System measures.) |
|-------------------------------|--|
| Arrivals | Adults that did not receive any SMHS within 3 months of their first date of service in the Fiscal Year. |
| Service 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 | 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 13-14 | 73,316 | 24.7% | 45,746 | 15.4% | 30,113 | 10.1% | 35,563 | 12.0% | 105,367 | 35.4% | 7,264 | 2.4% | 297,369 | 100% |
| FY 14-15 | 61,531 | 18.0% | 43,986 | 12.9% | 44,284 | 13.0% | 53,326 | 15.6% | 131,091 | 38.4% | 7,579 | 2.2% | 341,797 | 100% |
| FY 15-16 | 60,955 | 17.6% | 48,548 | 14.0% | 39,168 | 11.3% | 54,068 | 15.6% | 135,913 | 39.2% | 8,017 | 2.3% | 346,669 | 100% |
| FY 16-17 | 53,722 | 15.7% | 46,352 | 13.6% | 34,657 | 10.2% | 55,369 | 16.2% | 138,969 | 40.7% | 12,293 | 3.6% | 341,362 | 100% |

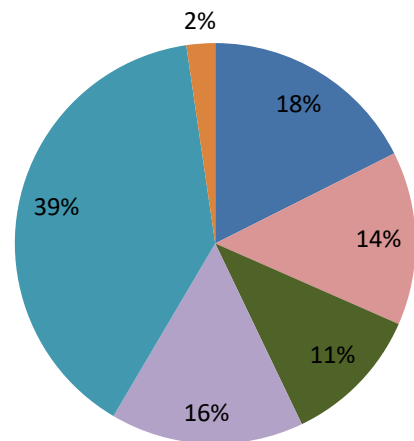
Fiscal Year 13-14 Arrivals, Service Continuance, & Exits Distribution



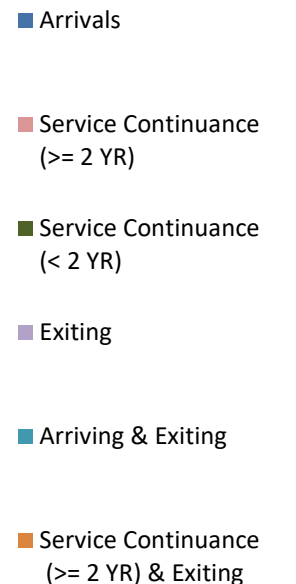
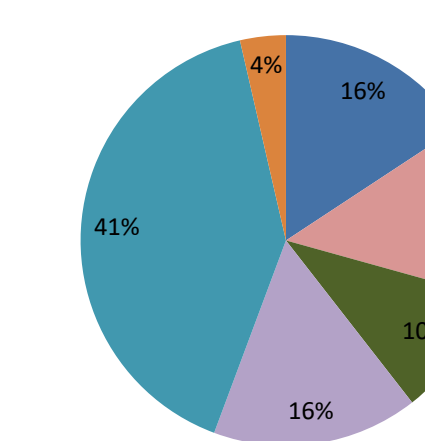
Fiscal Year 14-15 Arrivals, Service Continuance, & Exits Distribution



Fiscal Year 15-16 Arrivals, Service Continuance, & Exits Distribution



Fiscal Year 16-17 Arrivals, Service Continuance, & Exits Distribution

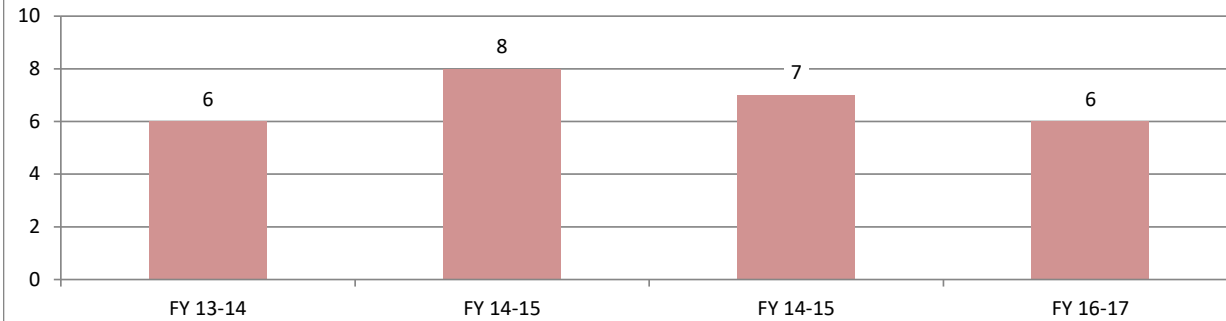


Time to Step Down Report: Adults Stepping Down in SMHS Services Post Inpatient Discharge

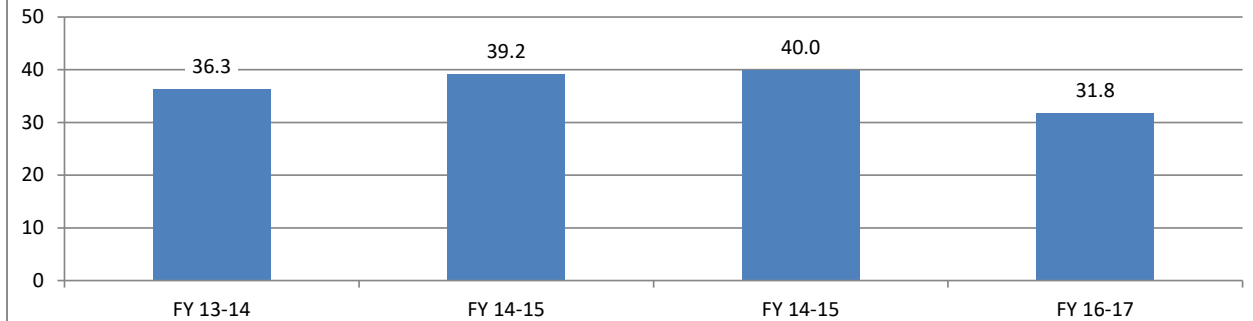
Statewide as of March 22, 2018

| 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 | Percentage of Inpatient Discharges with Step Down Between 8 and 30 Days | 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 13-14 | 18,449 | 49.9% | 5,608 | 15.2% | 9,003 | 24.4% | 3,913 | 10.6% | 0 | 365 | 36.3 | 6 |
| FY 14-15 | 24,849 | 48.6% | 7,386 | 14.5% | 11,241 | 22.0% | 7,629 | 14.9% | 0 | 365 | 39.2 | 8 |
| FY 14-15 | 26,353 | 48.9% | 7,166 | 13.3% | 12,631 | 23.5% | 7,694 | 14.3% | 0 | 365 | 40.0 | 7 |
| FY 16-17 | 30,709 | 52.1% | 7,751 | 13.2% | 9,874 | 16.8% | 10,577 | 18.0% | 0 | 365 | 31.8 | 6 |

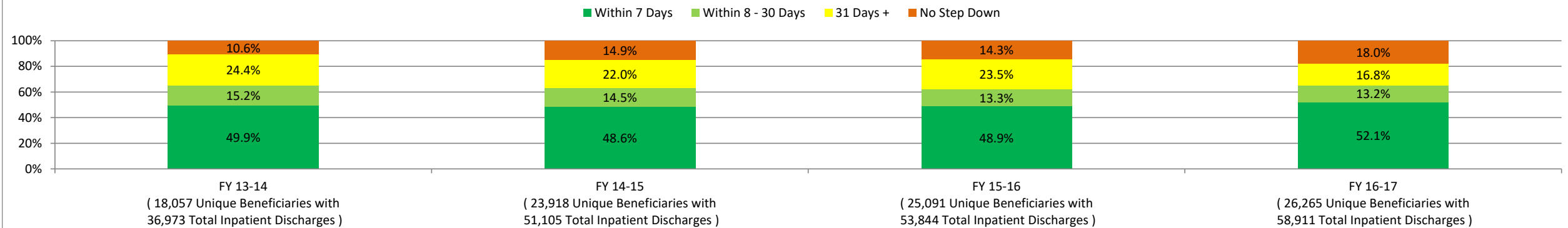
Median Time Between Inpatient Discharge and Step Down Service in Days



Mean Time Between Inpatient Discharge and Step Down Service in Days



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



* **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.