



COVID-19 Impact on Medi-Cal Utilization



Understanding COVID-19 Impact on Children in Medi-Cal

- DHCS is performing analysis and developing dashboards that will monitor the impact of COVID-19
- Focus areas for utilization of services:
 - ✓ COVID-19 cases, hospitalizations, and testing
 - ✓ Utilization of services prior to and during the pandemic



Data Analysis Caveats

- Data presented is for age group 0 through 17 years old unless specified otherwise
- Age is based on the Medi-Cal eligibility data at the time of the service
- Stratifications by sex, race/ethnicity, and delivery system are based on all claims to date for calendar year 2020
- Reporting is based on claims and encounter data received from providers and managed care plans
- Additional measures and reporting are in process beyond those being shared today



Data Completeness Considerations

- Data is preliminary and will continue to change and be updated
- The time between date of service and when DHCS receives fee-for-service claims and managed care encounters varies
- Since providers payment is incumbent on claims being submitted within six months of the date of service, majority of data is received within six months
- While most data is received within 3 to 6 months of date of service, data may be received up to 6 to 12 months after services are delivered
- The most recent months of data are not presented as there is insufficient reporting (also called claim lag) to show current trends



COVID-19 Confirmed Cases

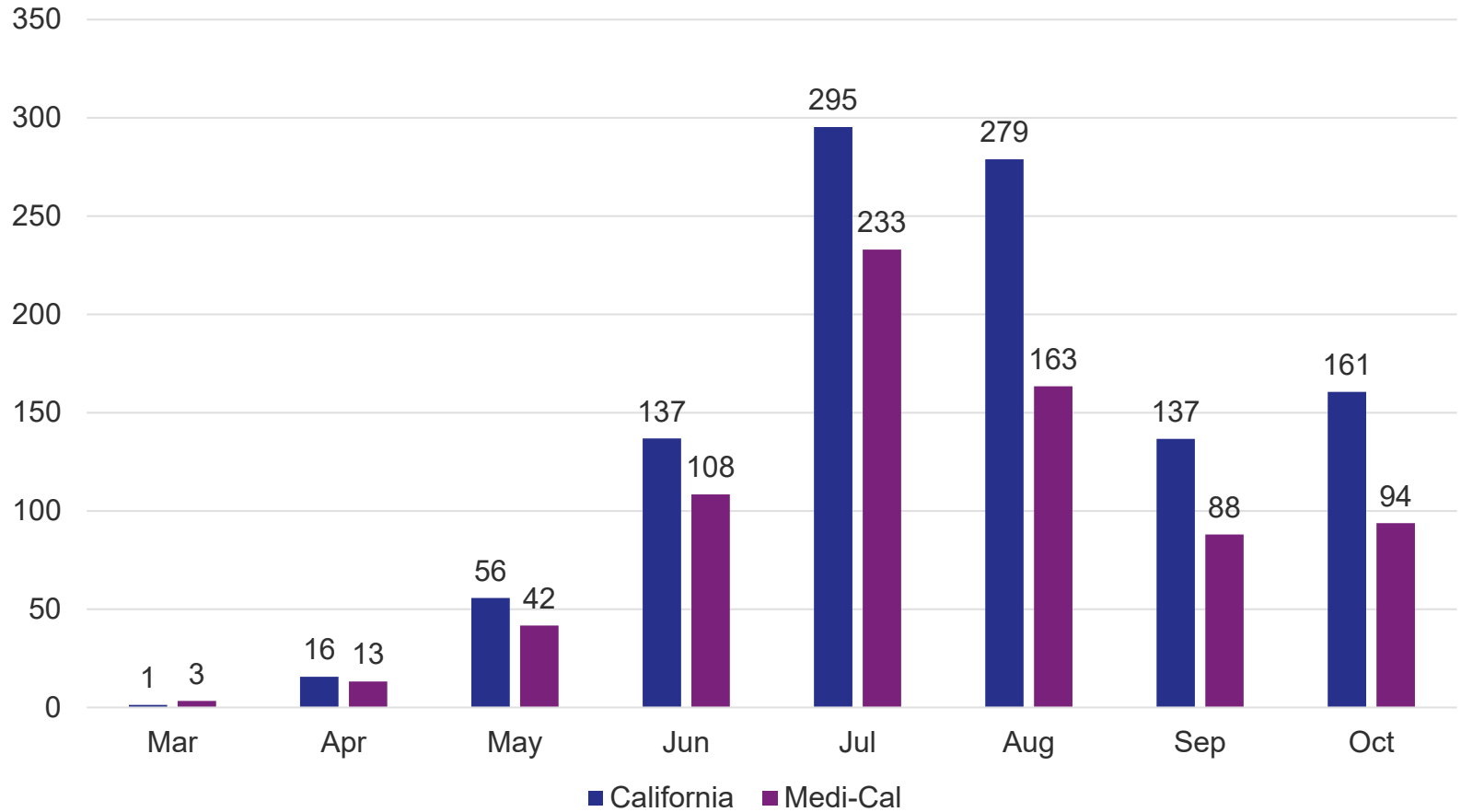
- Total number of beneficiaries aged 0-17 years with a COVID-19 diagnosis
- Beneficiaries are counted once
- ICD-10 codes are used to identify COVID-19 cases on claims or encounters:
 - B97.29 - other coronavirus as the cause of diseases classified elsewhere (Used for cases before April 1, 2020)
 - U07.1 - 2019 Novel Coronavirus, COVID-19 (Used to identify cases after April 1, 2020)
- Data source: DHCS MIS/DSS Claims and Eligibility Data, California Open Data Portal



COVID-19 Confirmed Cases

New cases monthly

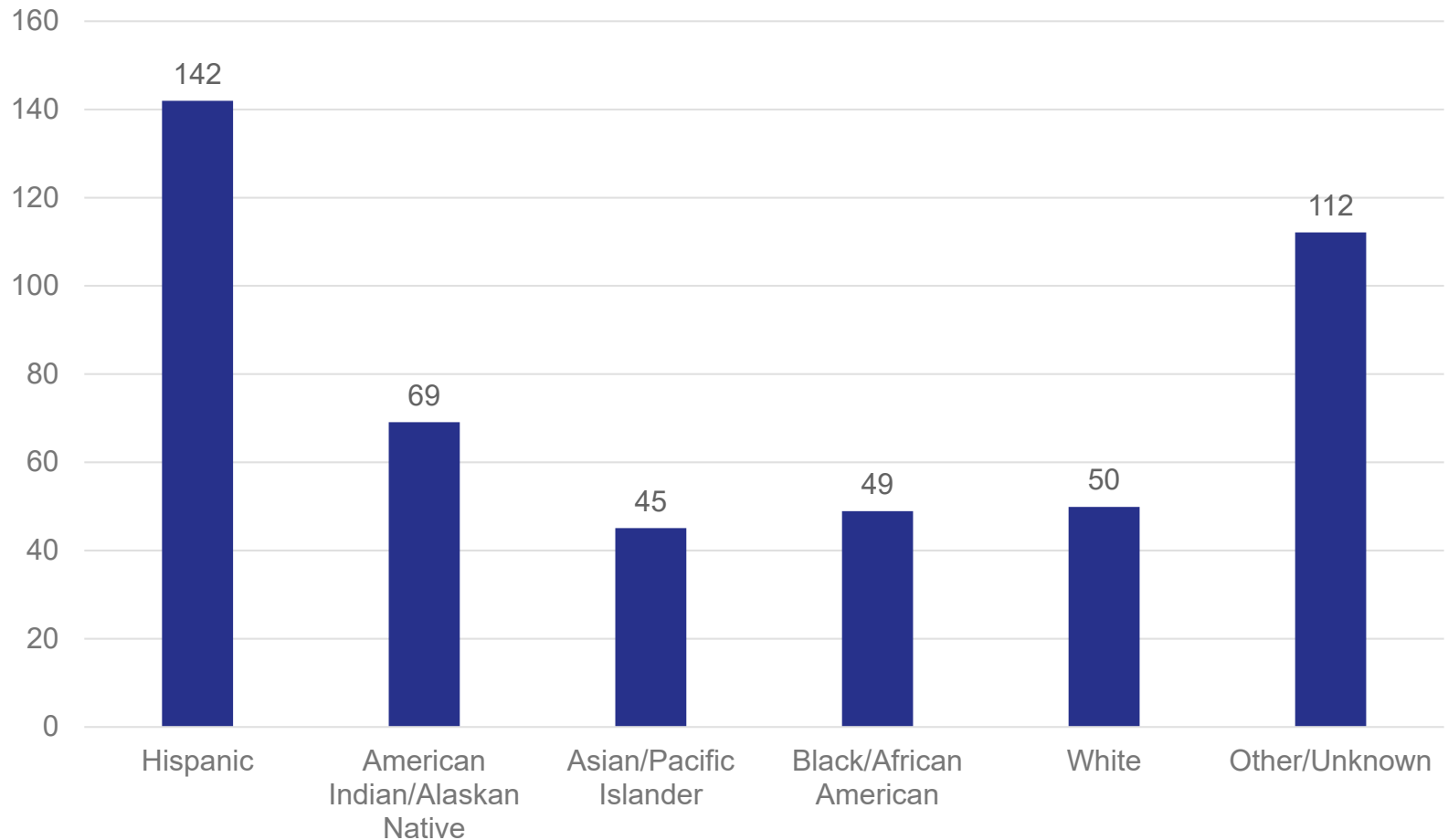
Total cases in California compared to cases in Medi-Cal per 100,000 population for Individuals 0-17 year olds





COVID-19 Confirmed Cases

Cases in Medi-Cal by Race/Ethnicity per 100,000 beneficiaries 0-17 years old through 2020



Preliminary Data as of 02/2021



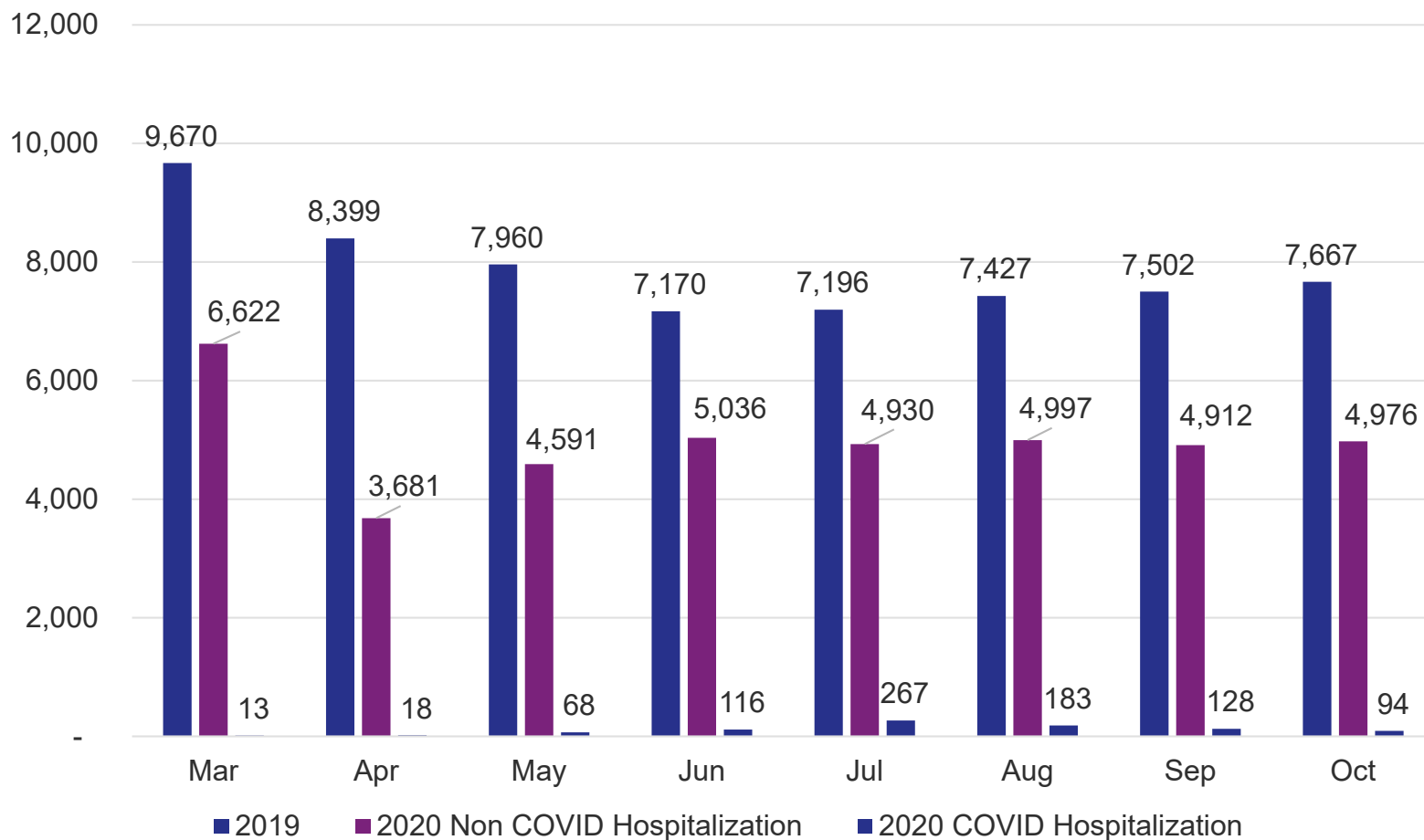
Hospitalizations

- Hospitalizations are presented in the following ways
 - COVID-19 diagnosis (present on admission)
 - All hospitalizations (COVID-19 and non-COVID-19) comparing calendar year 2019 (Pre-COVID) to calendar year 2020
- Hospitalizations are counted as the number of beneficiaries aged 0-17 years who were hospitalized
- Data Source: DHCS MIS/DSS Claims and Eligibility Data



Hospitalizations

All hospitalizations in Medi-Cal in 2019 compared to 2020 compared to hospitalizations with a COVID-19 diagnosis per 100,000 beneficiaries 0-17 years old



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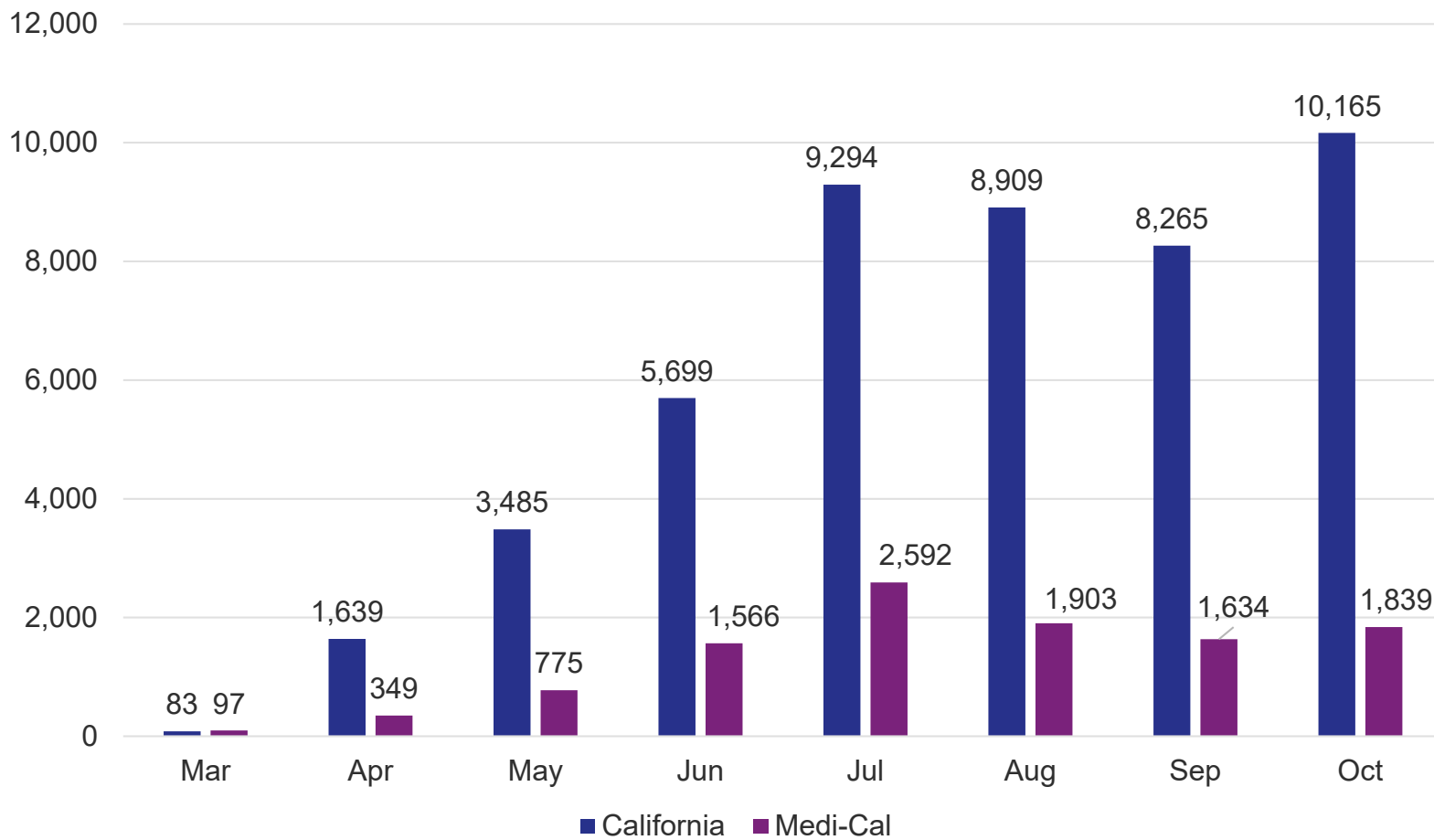
COVID-19 Testing

- Total number of tests by month for beneficiaries aged 0-17 years who have been tested for COVID-19
- Data represent totals of tests (claims), not individual people
- Tests can be antigen or antibody based. Specific codes used for identification of tests included but are not limited to U0001-4, 87635, 87426, 0202U, 0224U, 86328 and 86769
- Data does not represent test results or positivity status
- Source of Data: DHCS MIS/DSS Claims and Eligibility Data, California Open Data Portal



COVID-19 Testing

Total California Testing compared to testing for Medi-Cal Individuals per 100,000 – All Ages

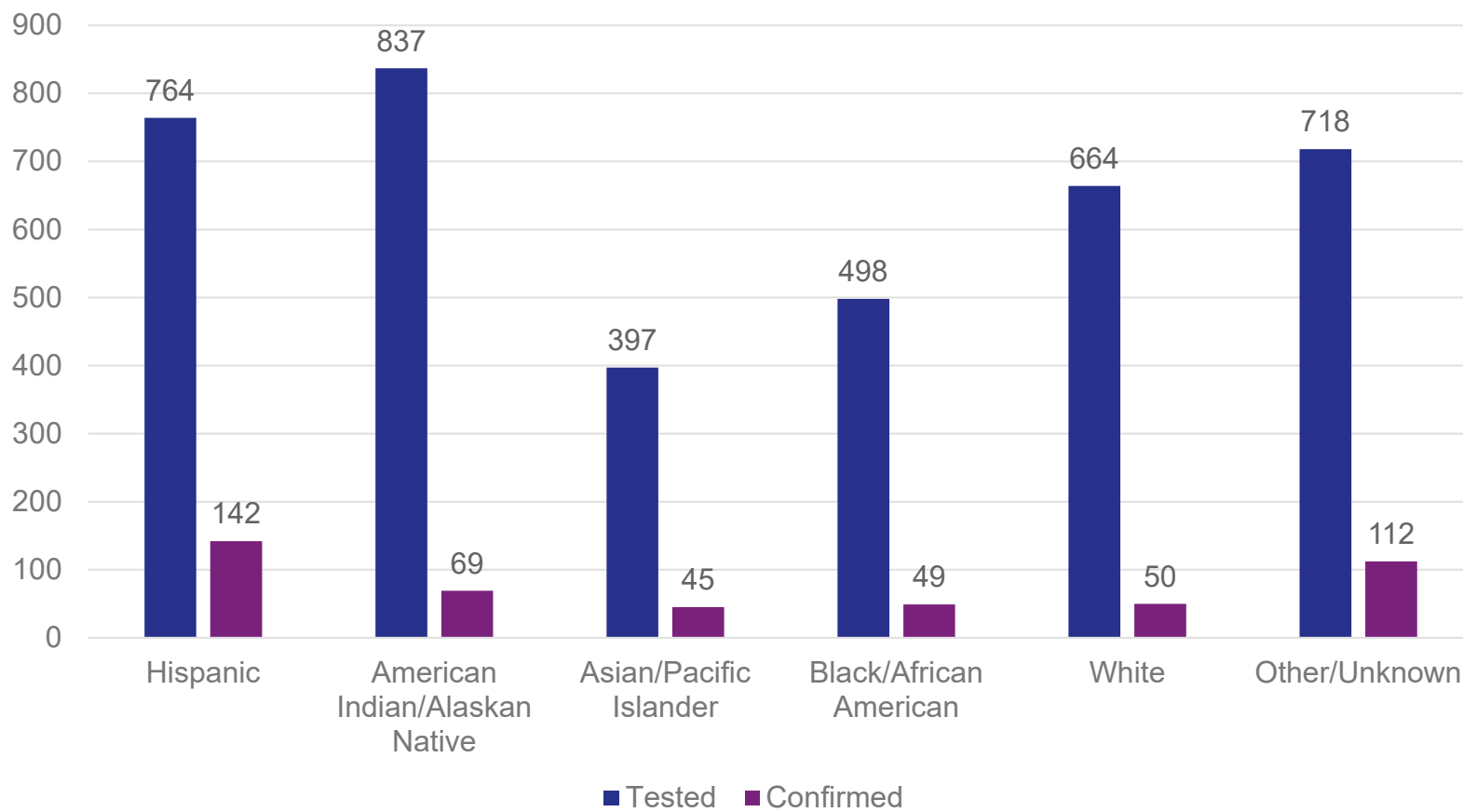


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COVID-19 Testing compared to Confirmed Cases

Testing and Cases through 2020 per 100,000 beneficiaries 0-17 years old by Race/Ethnicity



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Medi-Cal Utilization of Services During the Pandemic Response

The following are initial measures that have been compiled to compare utilization during calendar year 2019 (Pre-COVID) to calendar year 2020

- Emergency Department
- Telehealth
- Outpatient Visits
- Dental Visits
- Mental Health Services
- Immunizations – Vaccine For Children



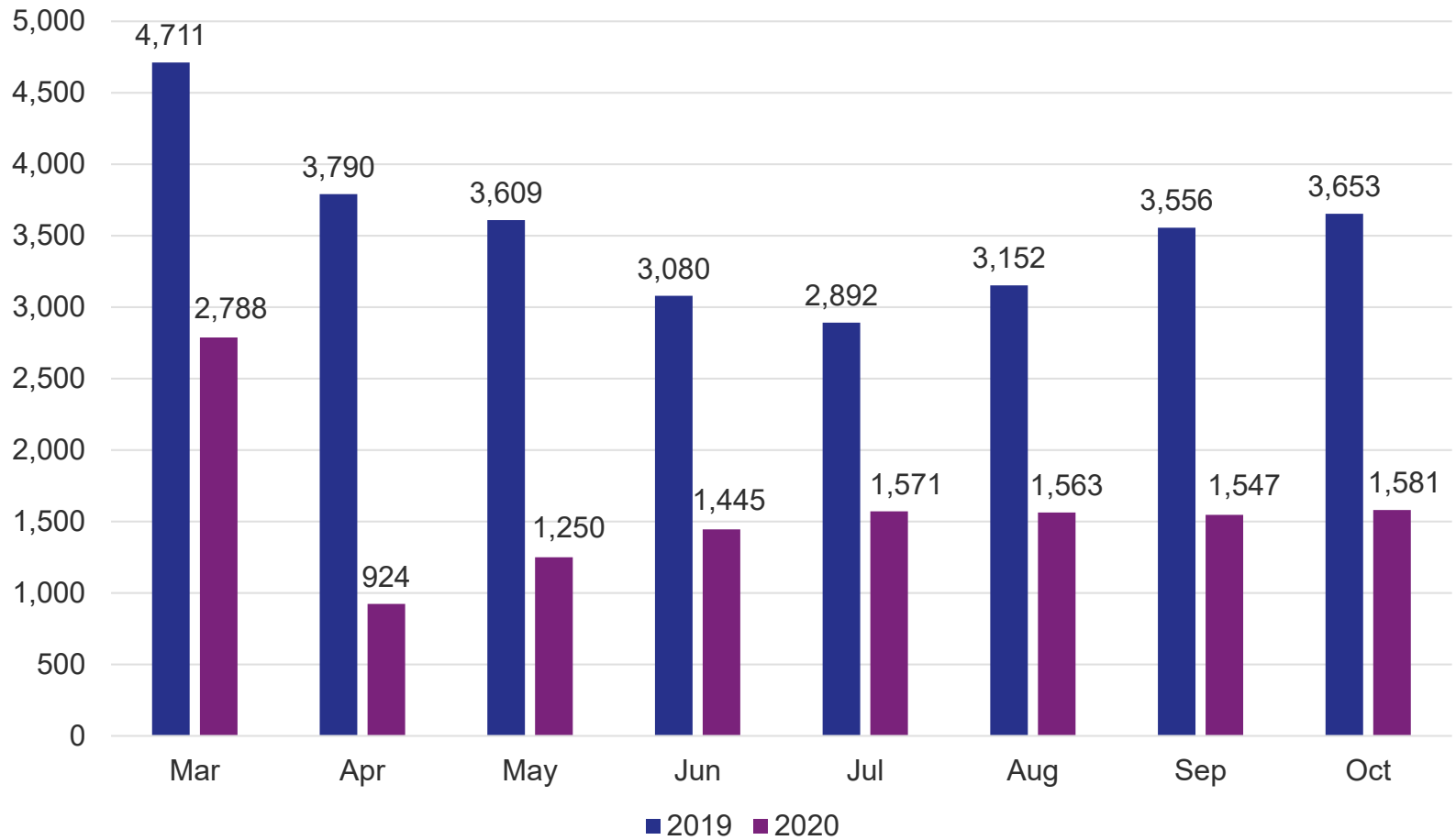
Emergency Department Visits

- Total number Emergency Department visits including those related to COVID-19 among beneficiaries aged 0-17 years
- Procedure Codes Utilized:
99281, 99282, 99283, 99284, 99285
- Overall, California hospitals have experienced declines of 40% to 60% in ED visits during the pandemic (The Financial Impact of COVID-19 on California Hospitals, CHCF)
- Data Source: MIS/DSS Claims and Eligibility Data



Emergency Department Visits

ED Visits per 100,000 beneficiaries 0-17 years old



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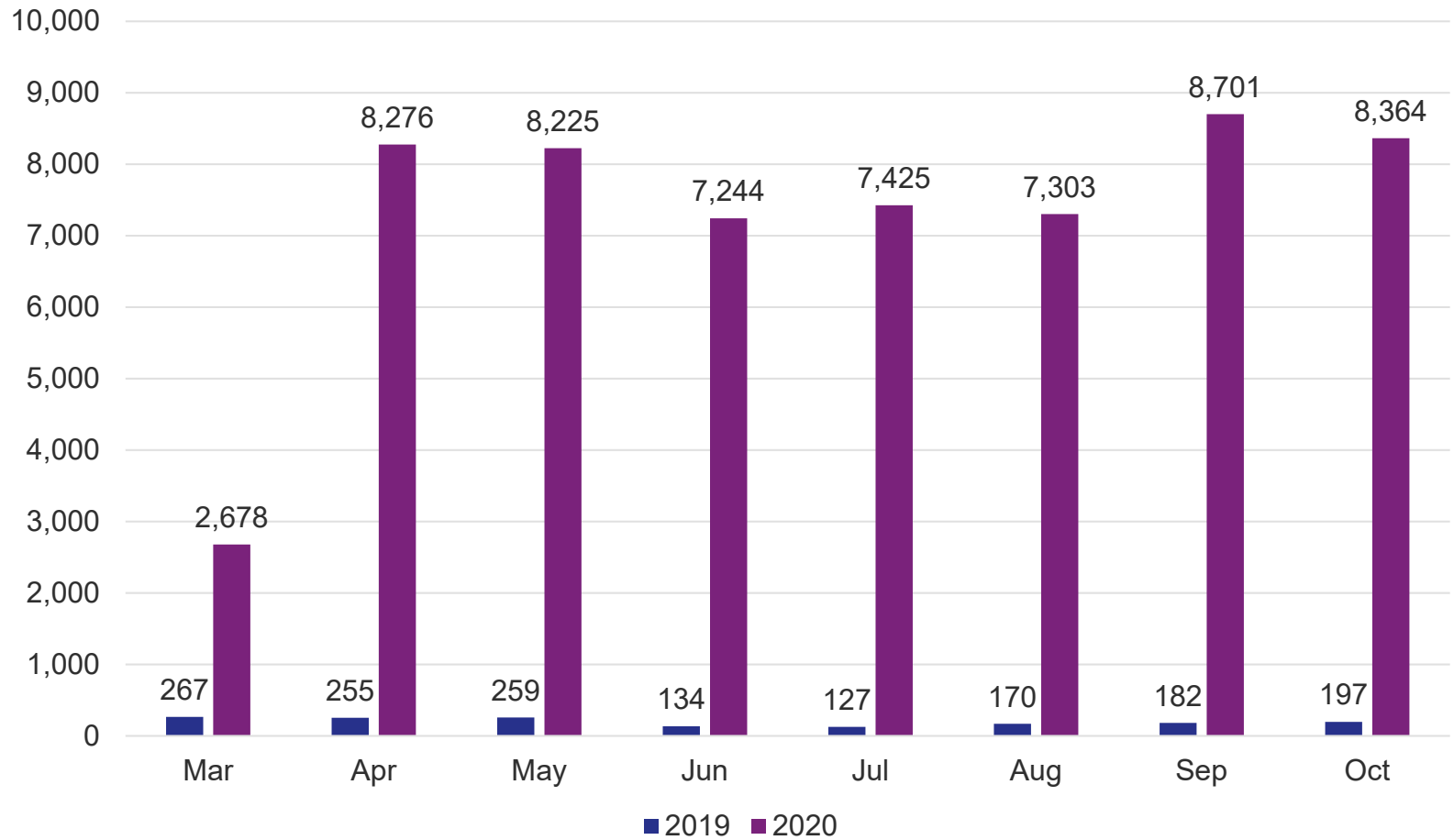
Telehealth Visits

- Telehealth visits were identified based on the presence of a modifier on the claim or encounter (modifiers 95, GQ and GT)
- Telehealth visits include phone and video healthcare visits
- Telehealth Visits are outpatient visits in fee-for-service or managed care – mental health visits are not included in this chart
- Source of data: MIS/DSS Claims and Eligibility



Telehealth Visits

Visits per 100,000 beneficiaries 0-17 years old

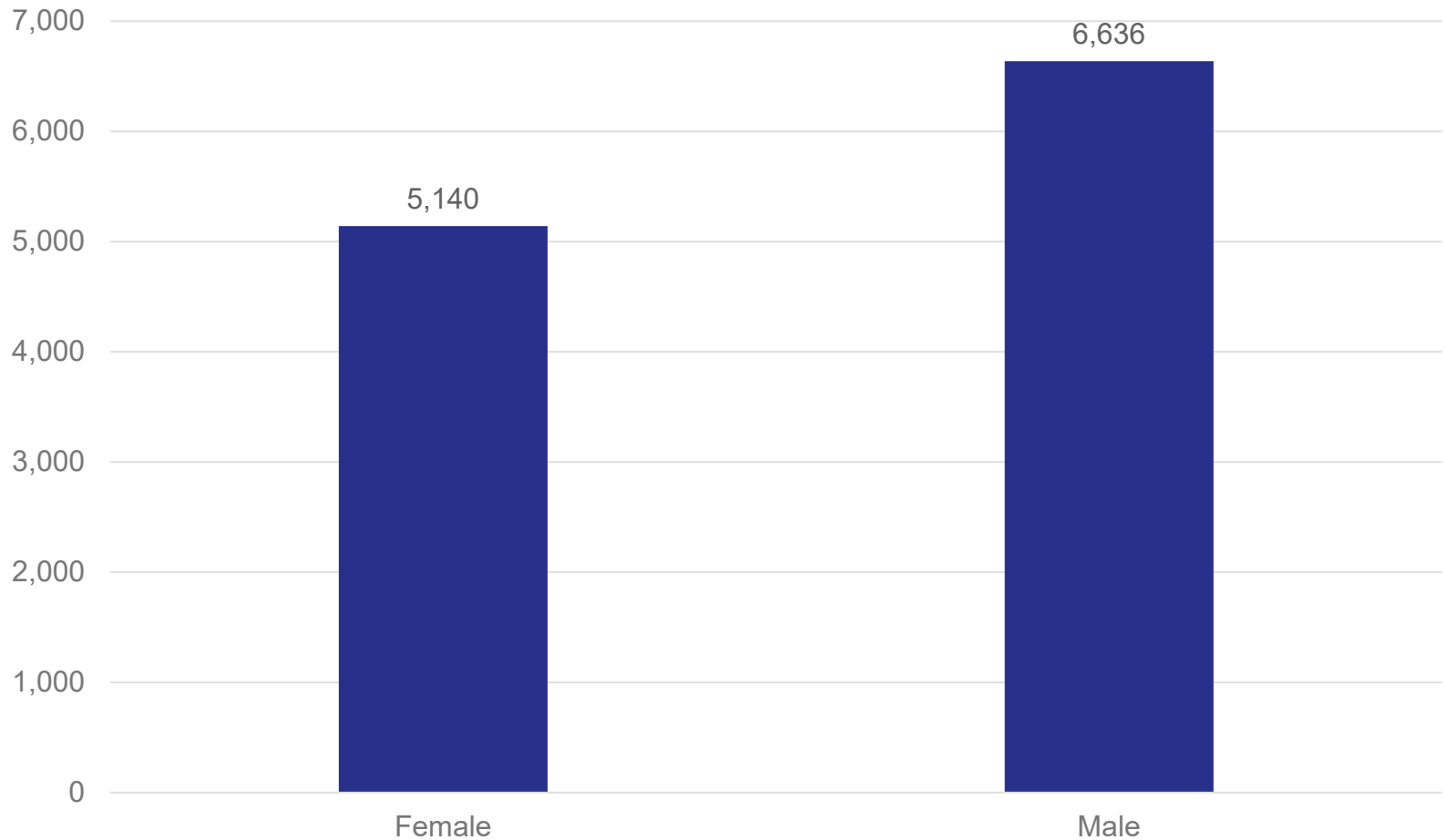


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Telehealth Visits

Visits per 100,000 beneficiaries 0-17 years old by Sex through 2020

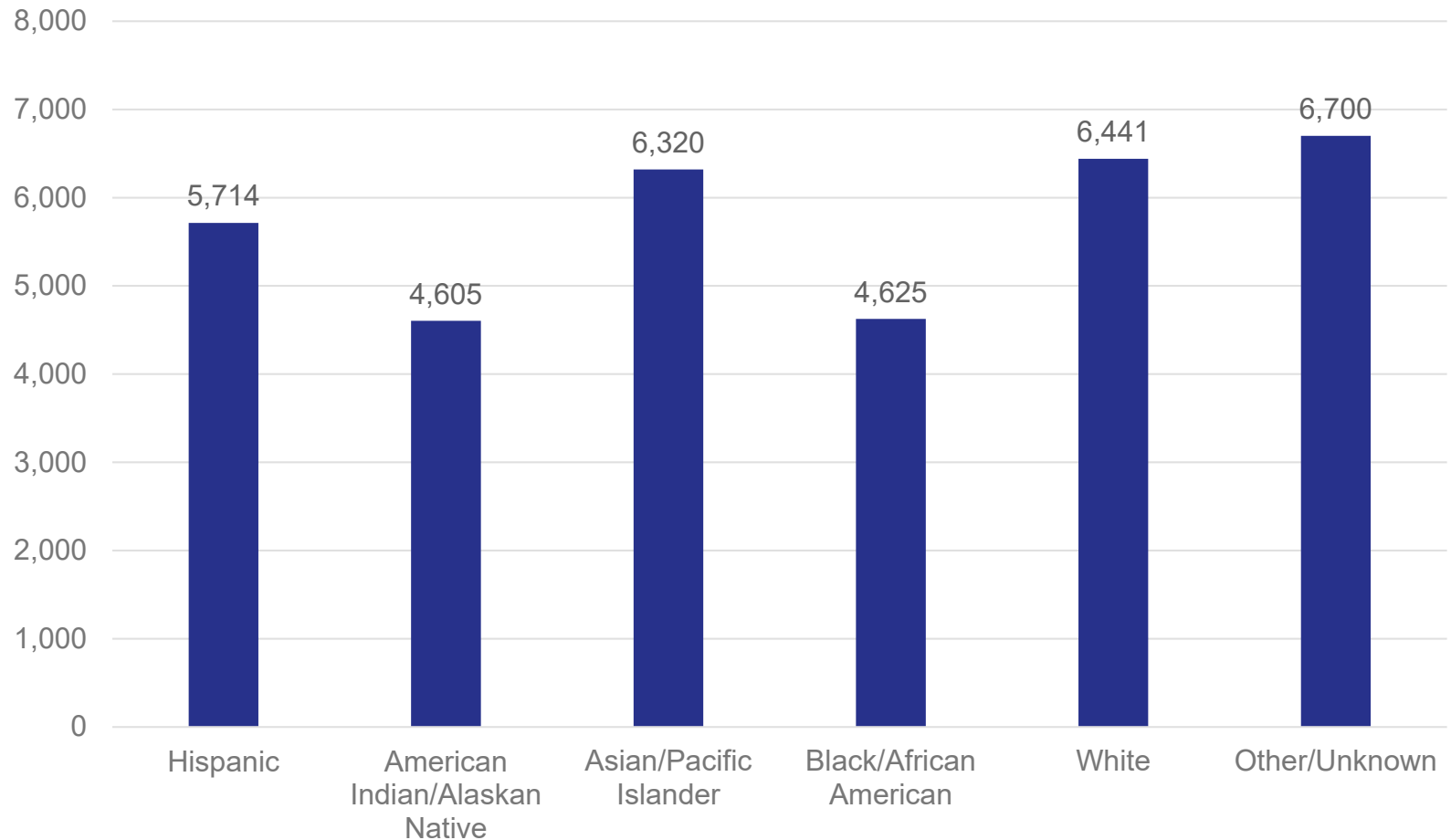


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Telehealth Visits

Visits per 100,000 beneficiaries 0-17 years old by Race/Ethnicity through 2020

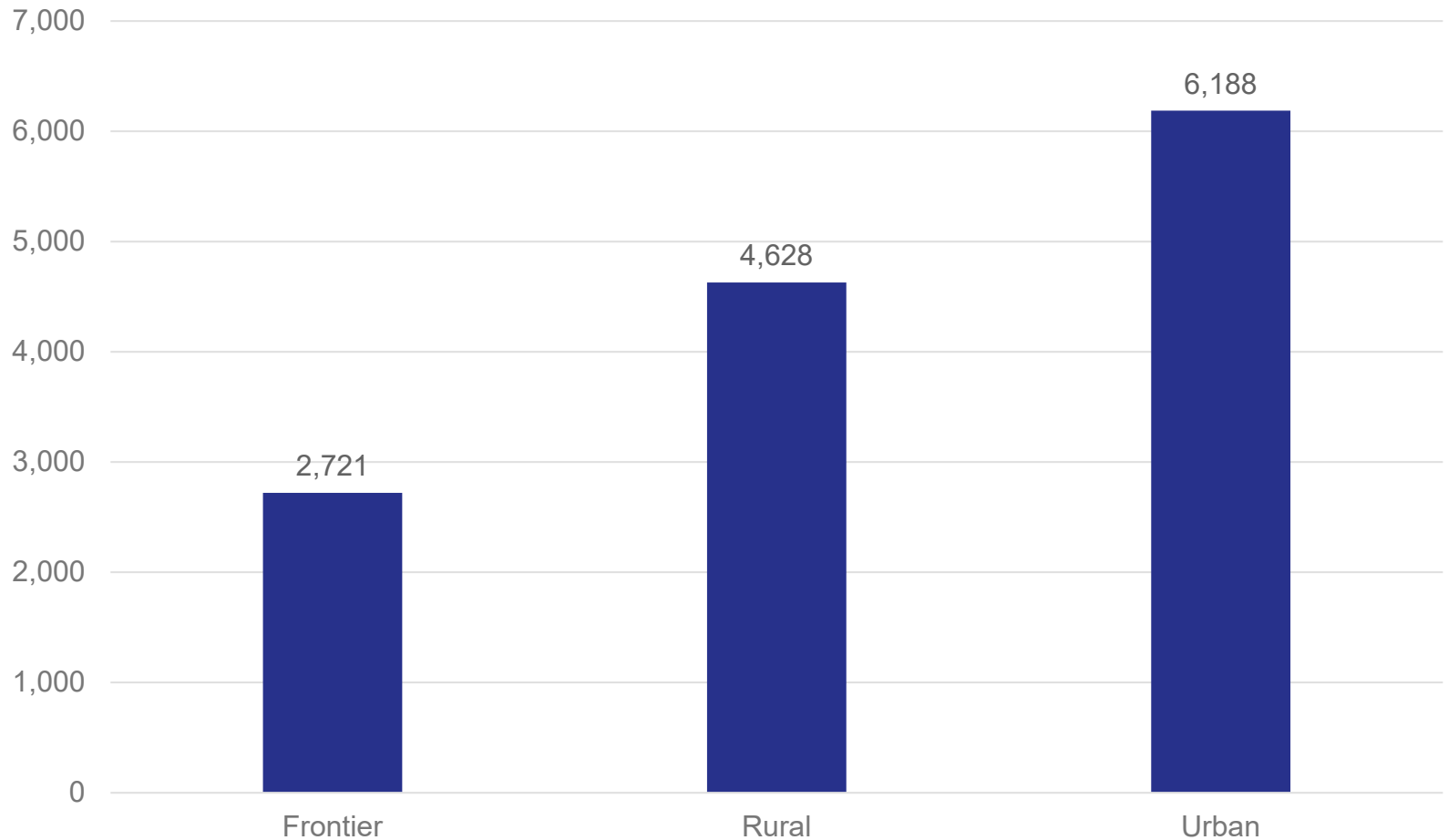


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Telehealth Visits

Visits per 100,000 beneficiaries 0-17 years old by Location through 2020

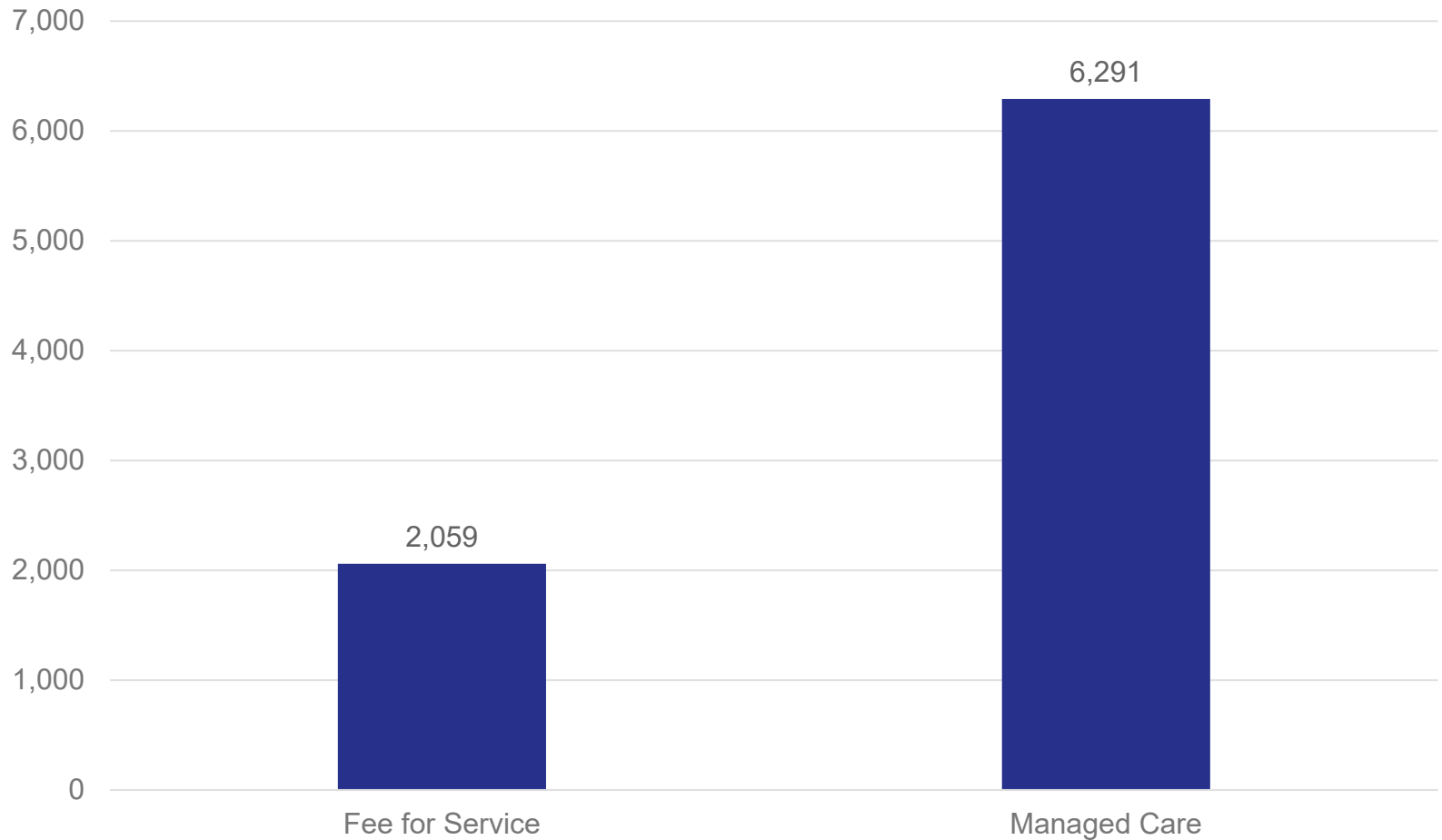


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Telehealth Visits

Visits per 100,000 beneficiaries 0-17 years old by Delivery System through 2020



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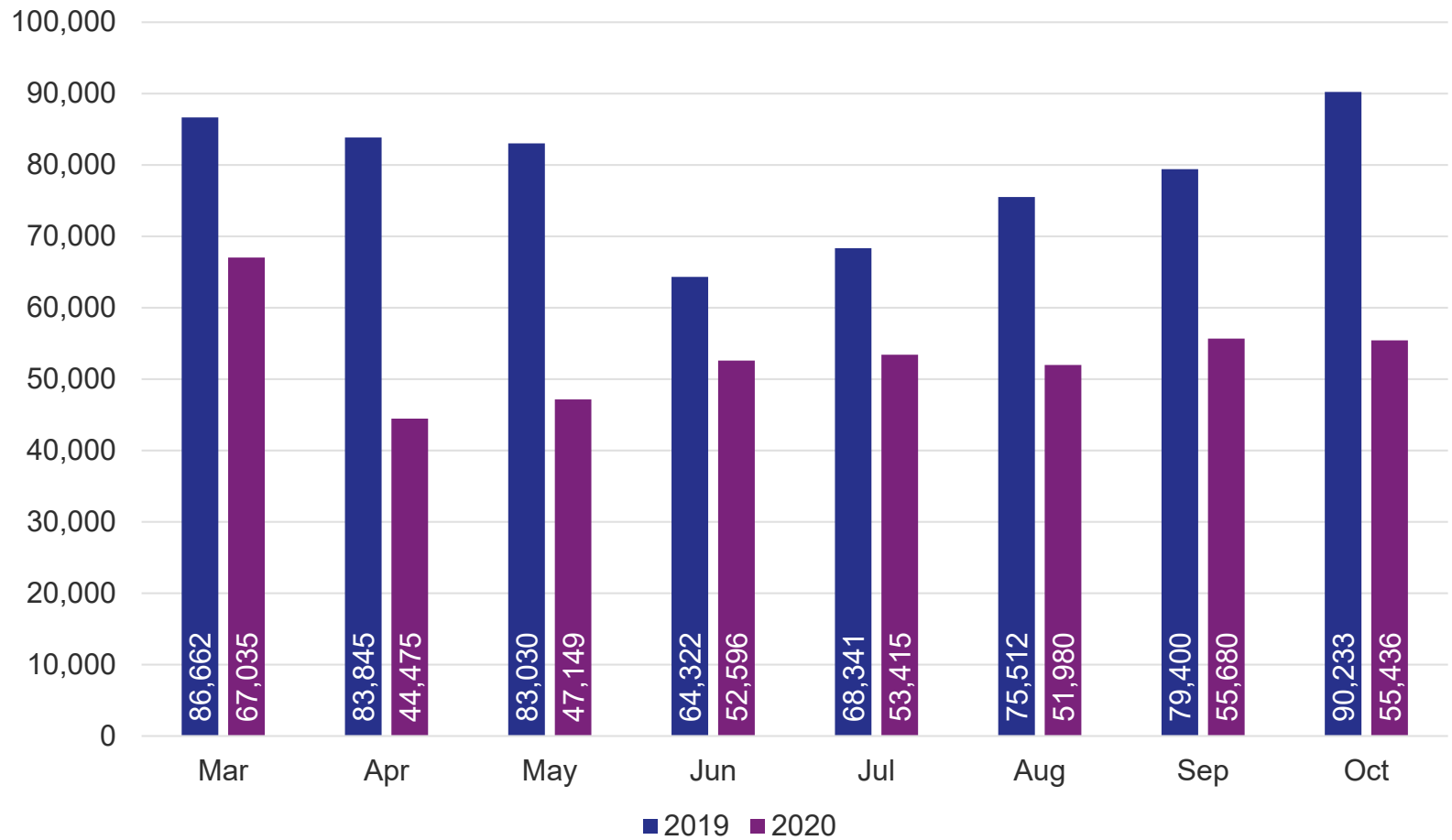
Outpatient Visits

- Total number of outpatient visits
- Total number of outpatient visit includes telehealth visits
- Telehealth visits constitute about 20% of the overall outpatient visits
- Source of data: MIS/DSS Claims and Eligibility



Outpatient Visits

Visits per 100,000 beneficiaries 0-17 years old

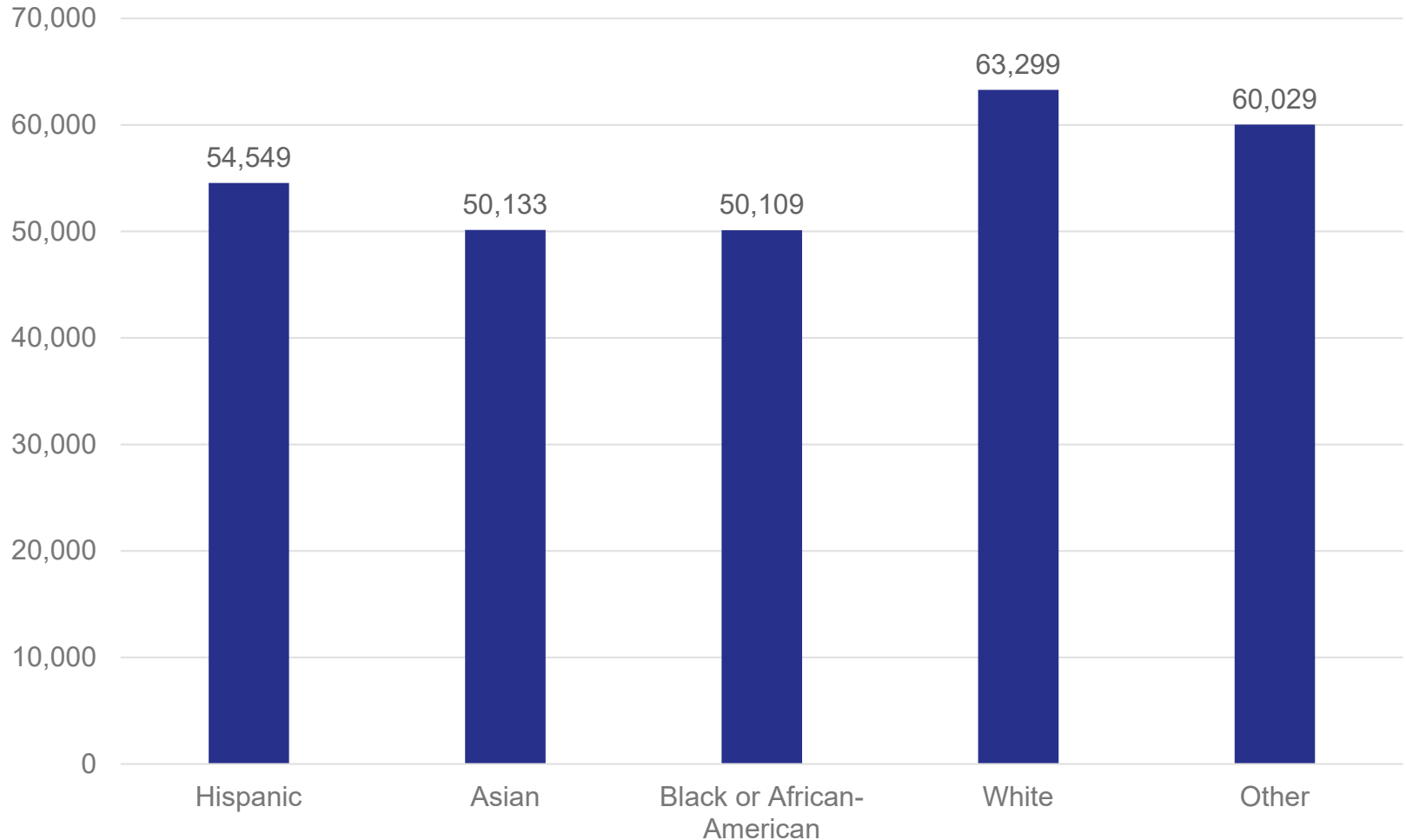


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Outpatient Visits

Visits per 100,000 beneficiaries 0-17 years old by Race/Ethnicity through 2020

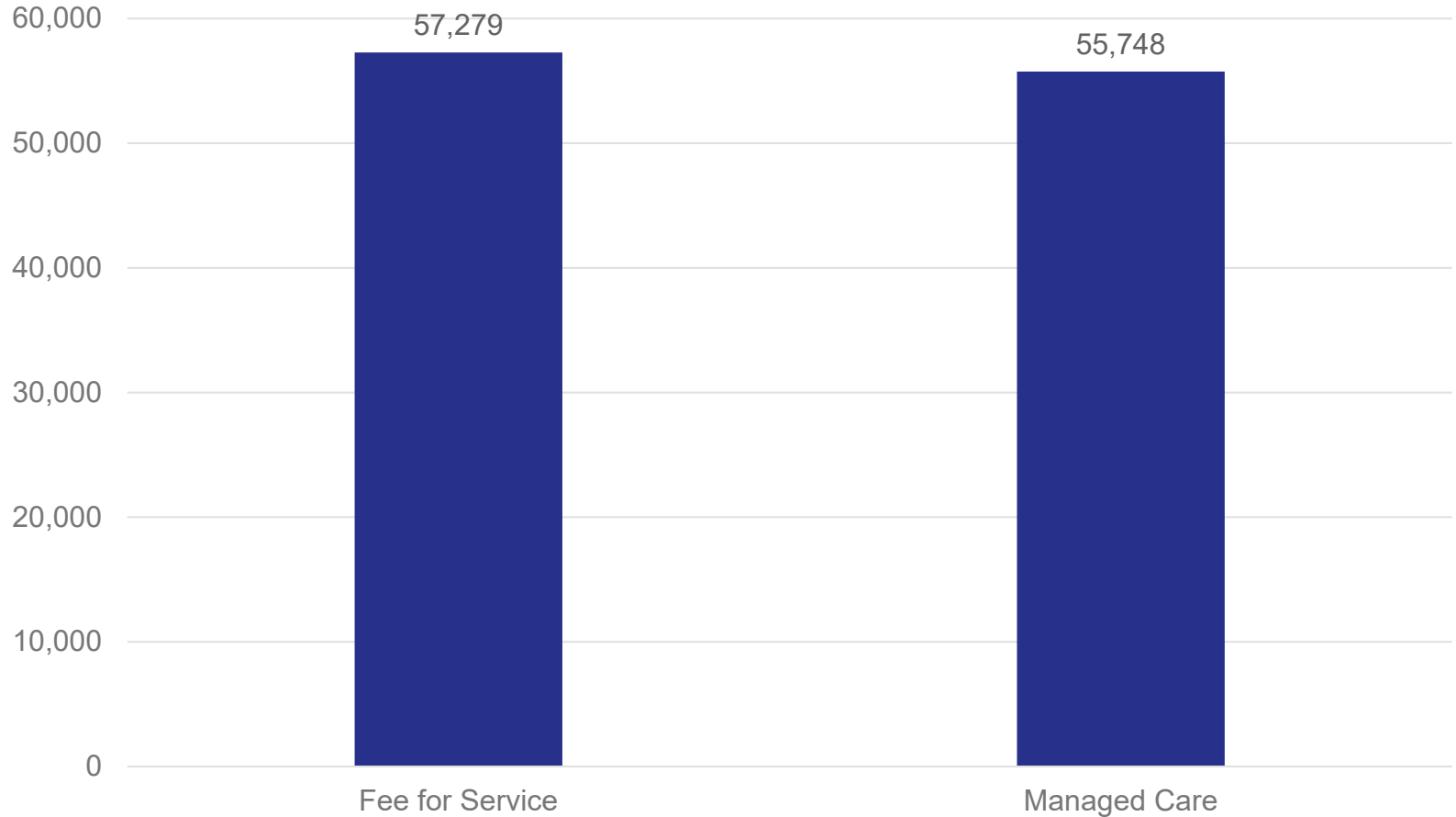


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Outpatient Visits

Visits per 100,000 beneficiaries 0-17 years old by Delivery System through 2020





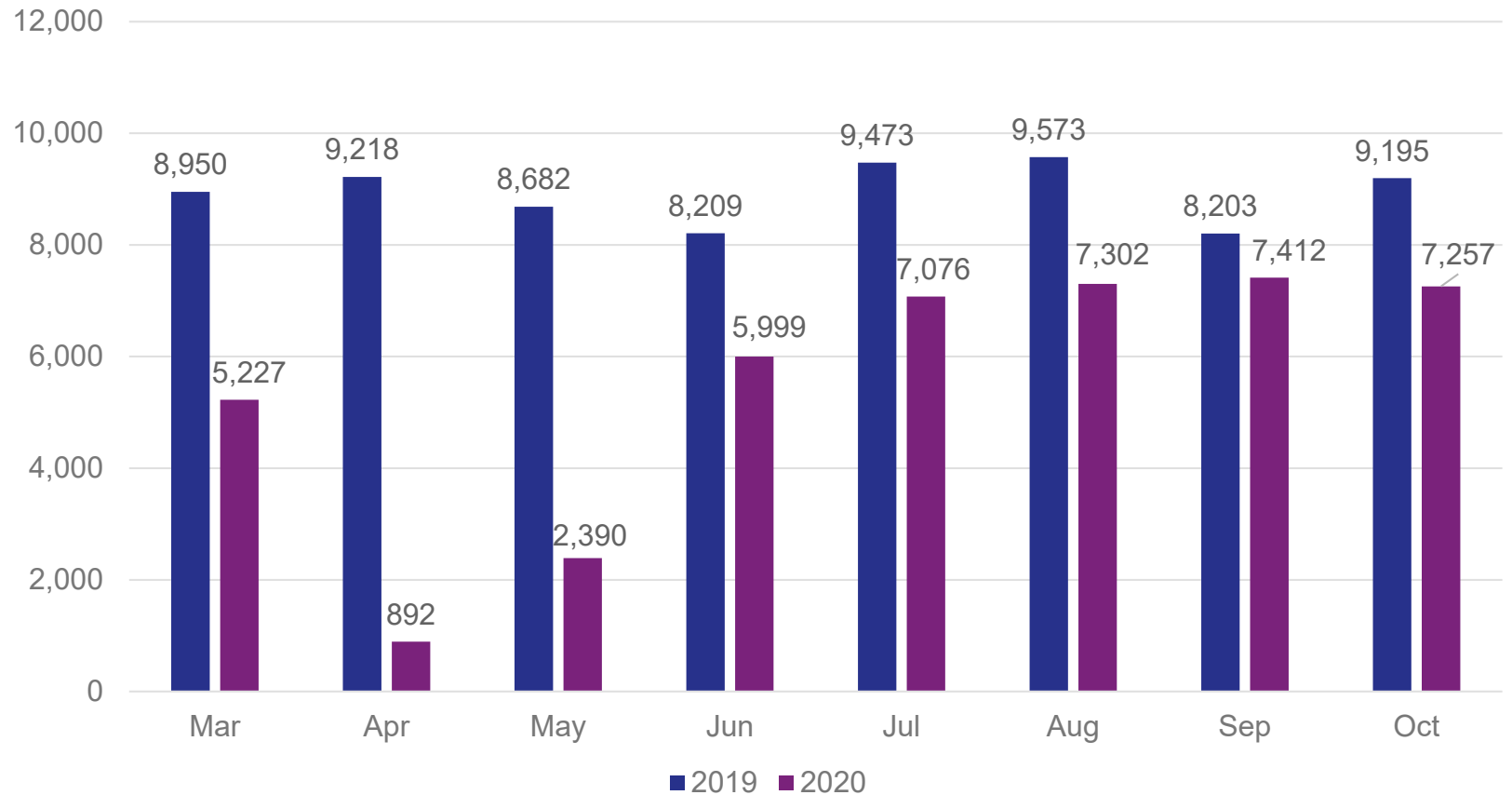
Dental Visits

- Number of members who received any Dental Care Visit Services
- Data is presented for age group 0-20 years
- Methodology is based on the measure for Annual Dental Visits
- Source of data: MIS/DSS Claims and Eligibility



Dental Visits

Visits per 100,000 beneficiaries under 21 years old

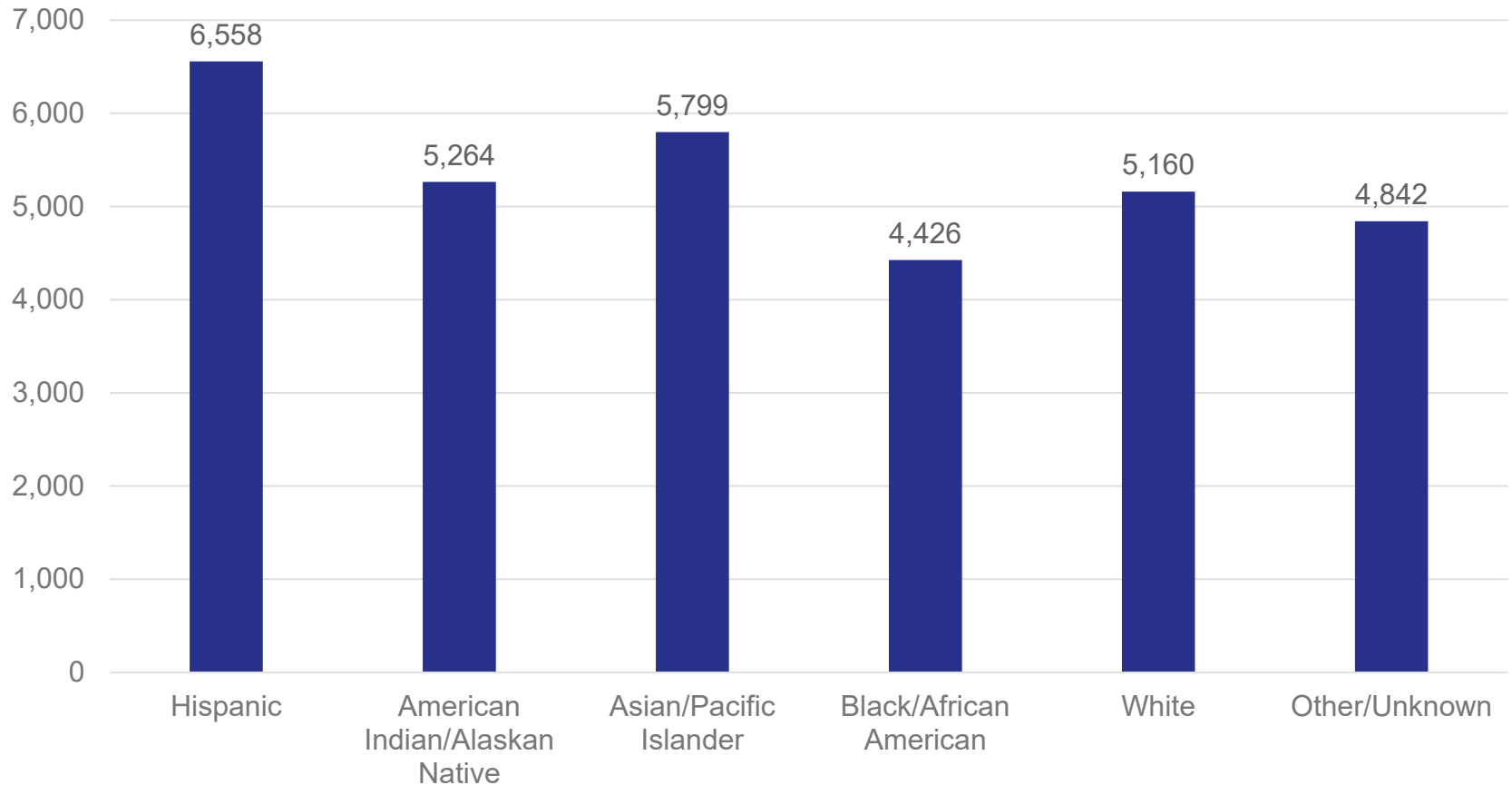


Preliminary Data as of 02/2021



Dental Visits

Visits per 100,000 beneficiaries under 21 years old by Race/Ethnicity through 2020

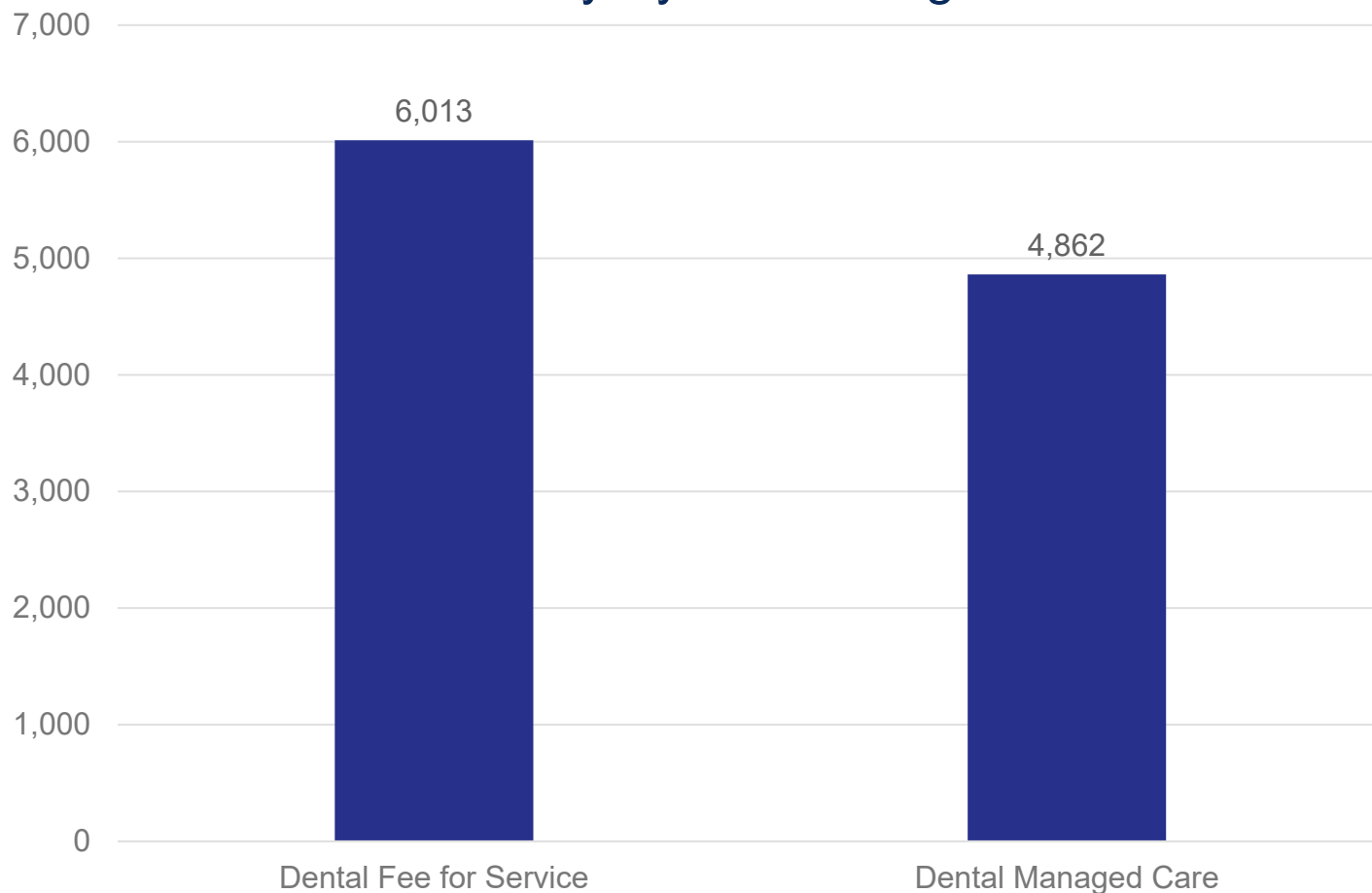


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Dental Visits

Visits per 100,000 beneficiaries under 21 years old by Delivery System through 2020



Preliminary Data as of 02/2021



California has a Split Mental Health Delivery System

- Managed Care Organizations Cover
 - Non-specialty mental health services for those under 21 years
- Mental Health Outpatient Services Include
 - Individual and group mental health evaluation and treatment (psychotherapy)
 - Psychological testing, when clinically indicated to evaluate a mental health condition
 - Outpatient services for the purpose of monitoring drug therapy
 - Outpatient laboratory, drugs, supplies and supplements (excluding antipsychotics)
 - Psychiatric consultation



Carved Out Mental Health Services

- Specialty Mental Health Services
 - Administered through county mental health plans (MHPs)
 - Services for children/youth whose mental health needs require care services not included in MCP mental health benefits
- Substance Use Disorder Benefits
 - Administered through Drug Medi-Cal (DMC) and Drug Medi-Cal Organized Delivery System (DMC-ODS) counties, and waiver services
 - Community-based system for SUD services through counties or through direct contracts with service providers



Mental Health Visits

- Non-specialty Mental Health Visits - Total number of mental health visits in managed care and fee-for-service
- Specialty Mental Health Visits – Total number of mental health visits in the Specialty Mental Health System
- Each unique visit is defined by a unique combination of beneficiary and visit date
- Total number of visits includes telehealth visits
- Visits have broad inclusion of procedures for screening, evaluation, care, and treatment provided in a non-specialty and specialty claiming systems
- Source of data: MIS/DSS Claims and Eligibility



Percent change in penetration rates and average visits of selected Mild to Moderate Mental Health Services

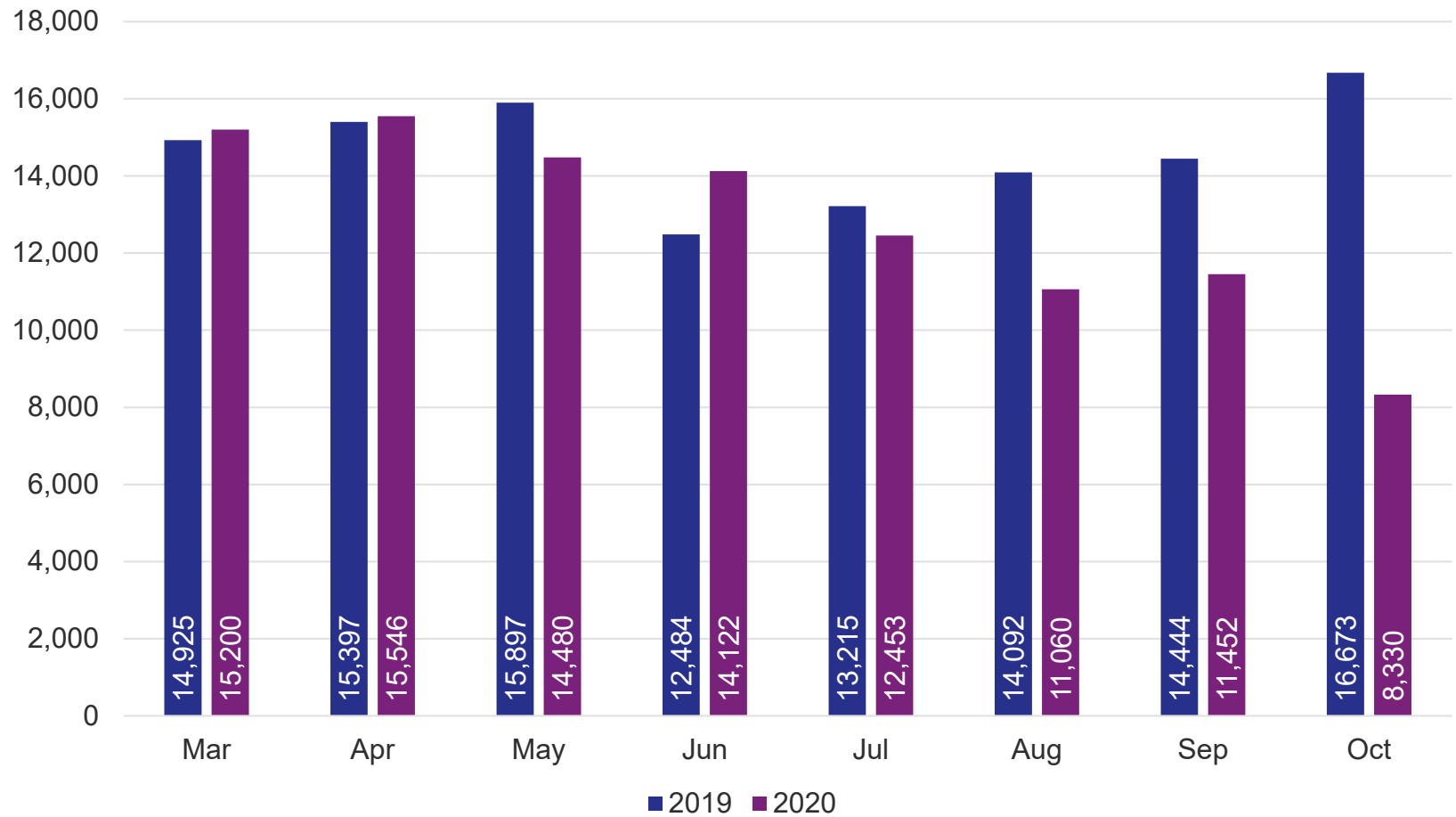
	SFY 2017-18	SFY 2018-19	SFY 2019-20	Percent Change
Penetration Rate	3.0%	3.4%	3.4%	13%
Average Visit	5.0	5.3	5.6	12%

- Penetration rate represents total unique beneficiaries that were provided at least one psychotherapy and psychiatric evaluation services (based on selected procedure codes) in the FY, discounted by enrolled beneficiaries
- Average visit represents average number of visit per unique beneficiary in the FY



Total Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old

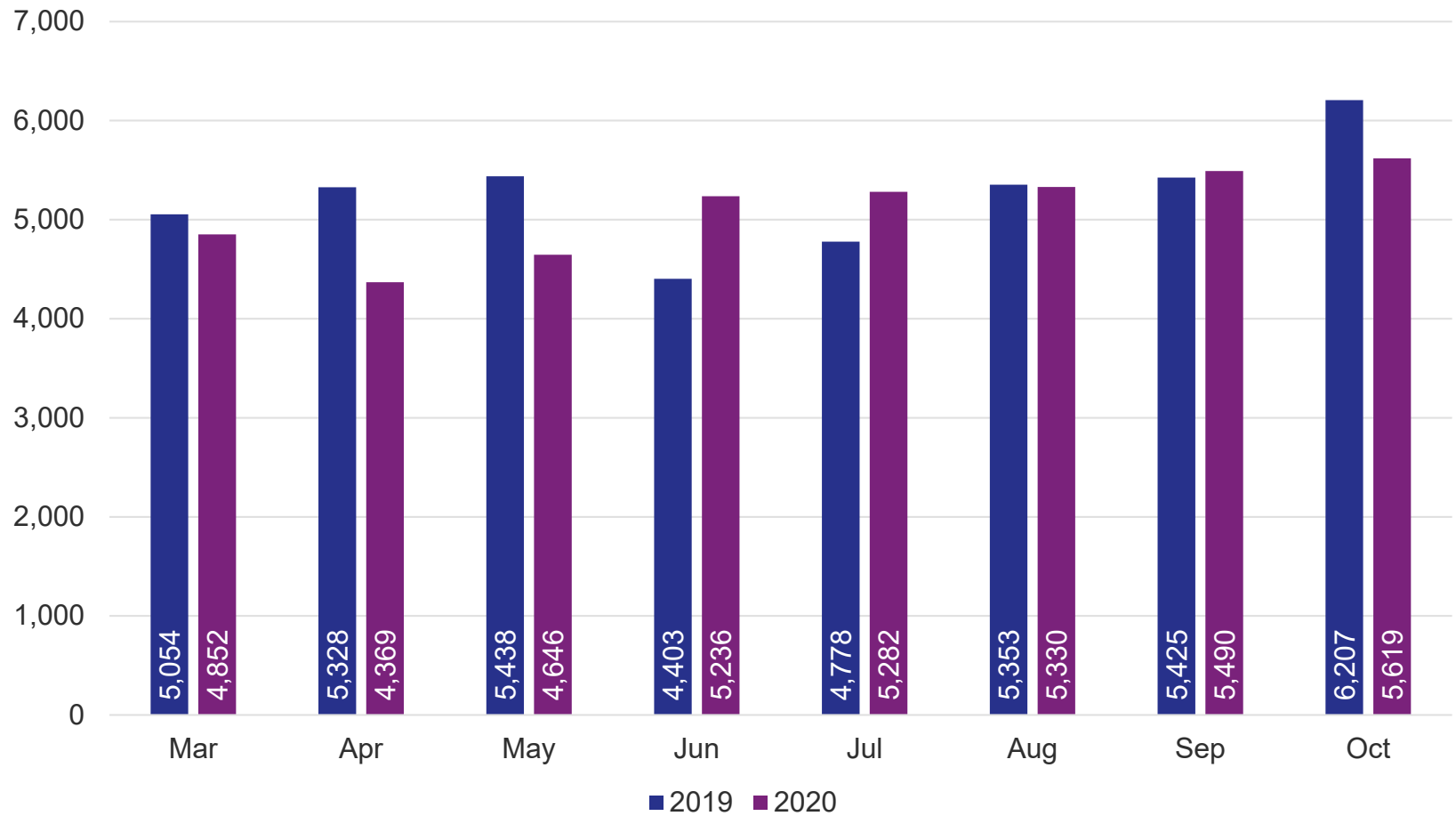


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Non-Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old

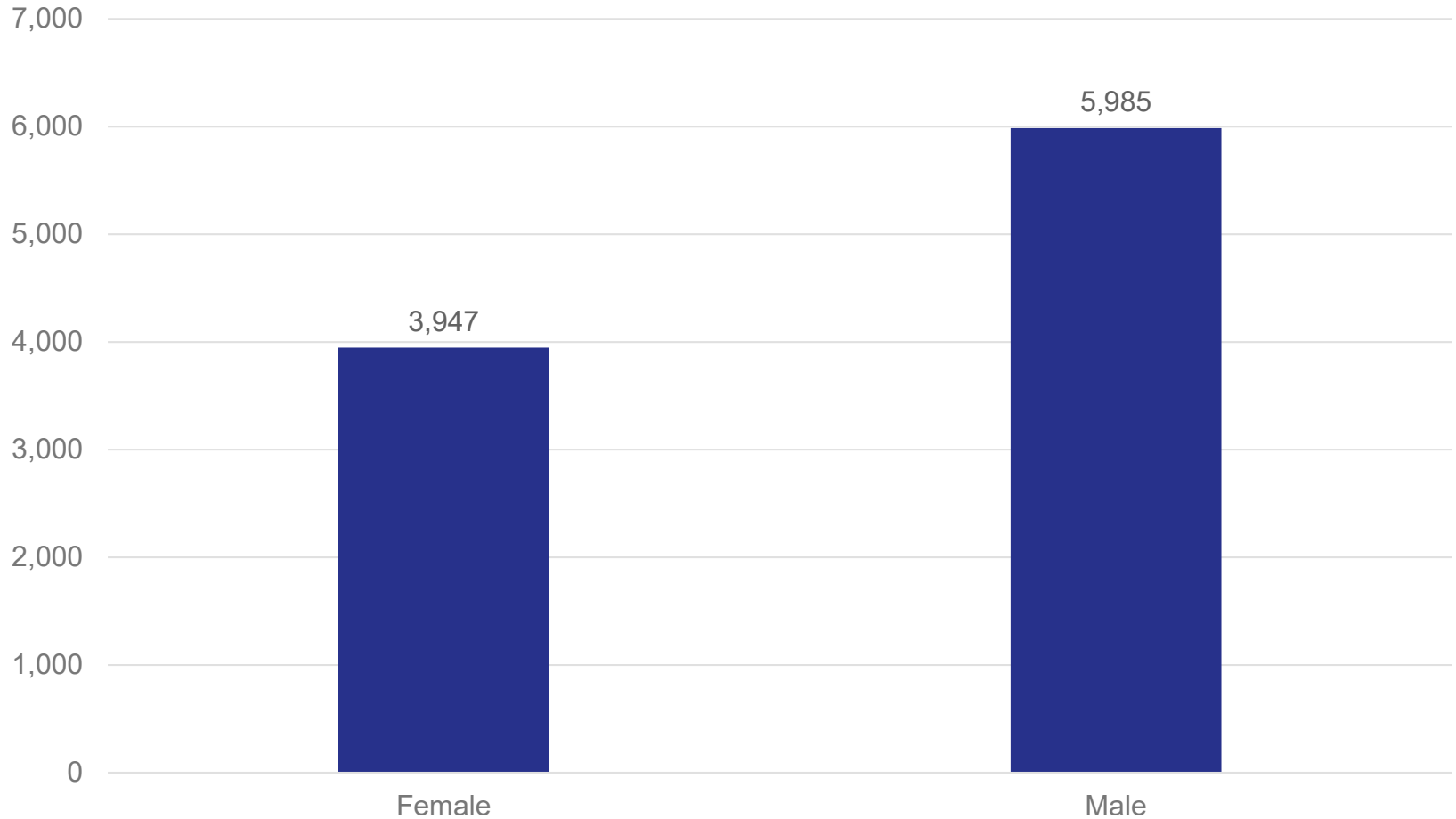


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Non-Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old by Sex through 2020

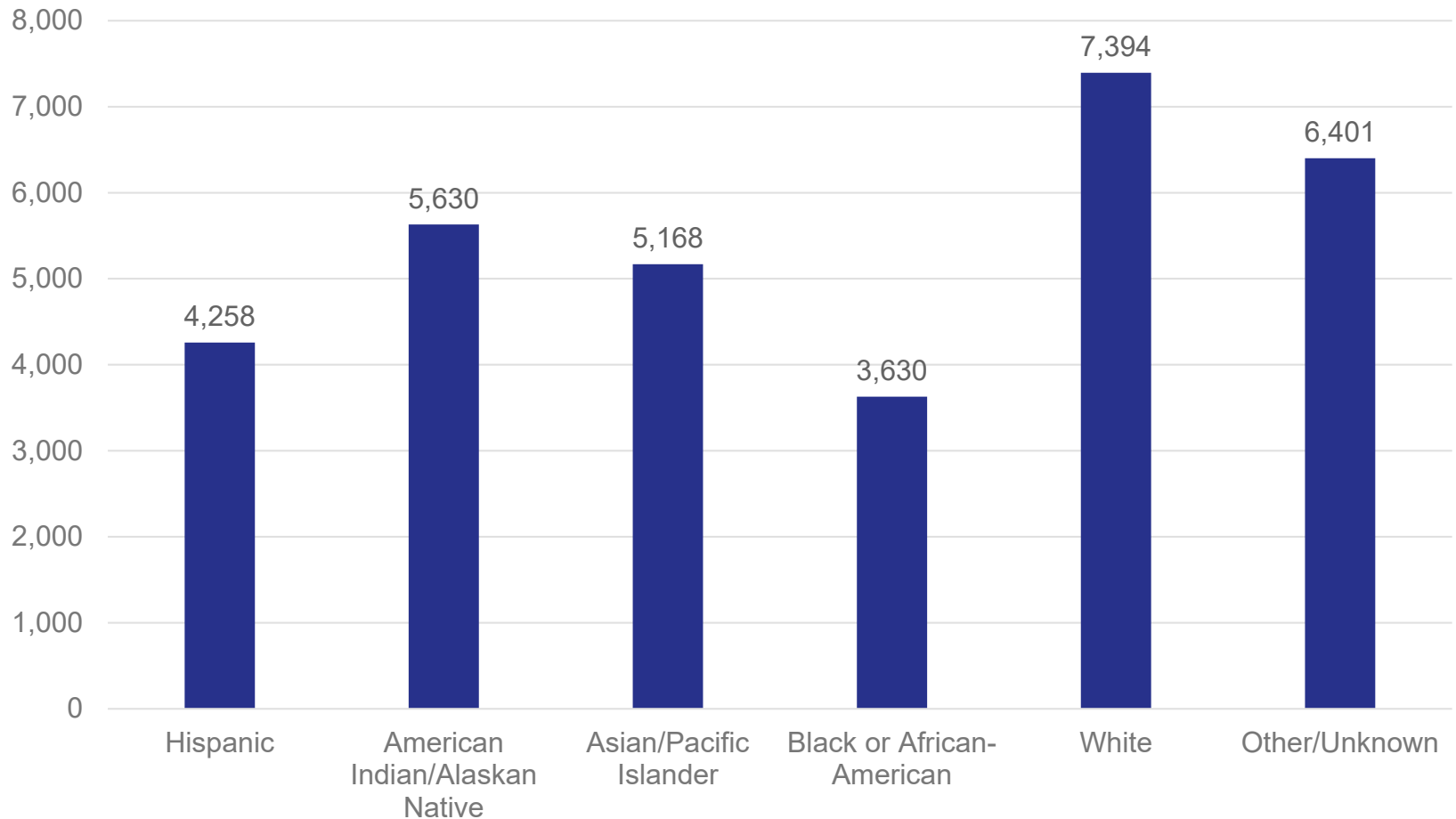


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Non-Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old by Race/Ethnicity through 2020

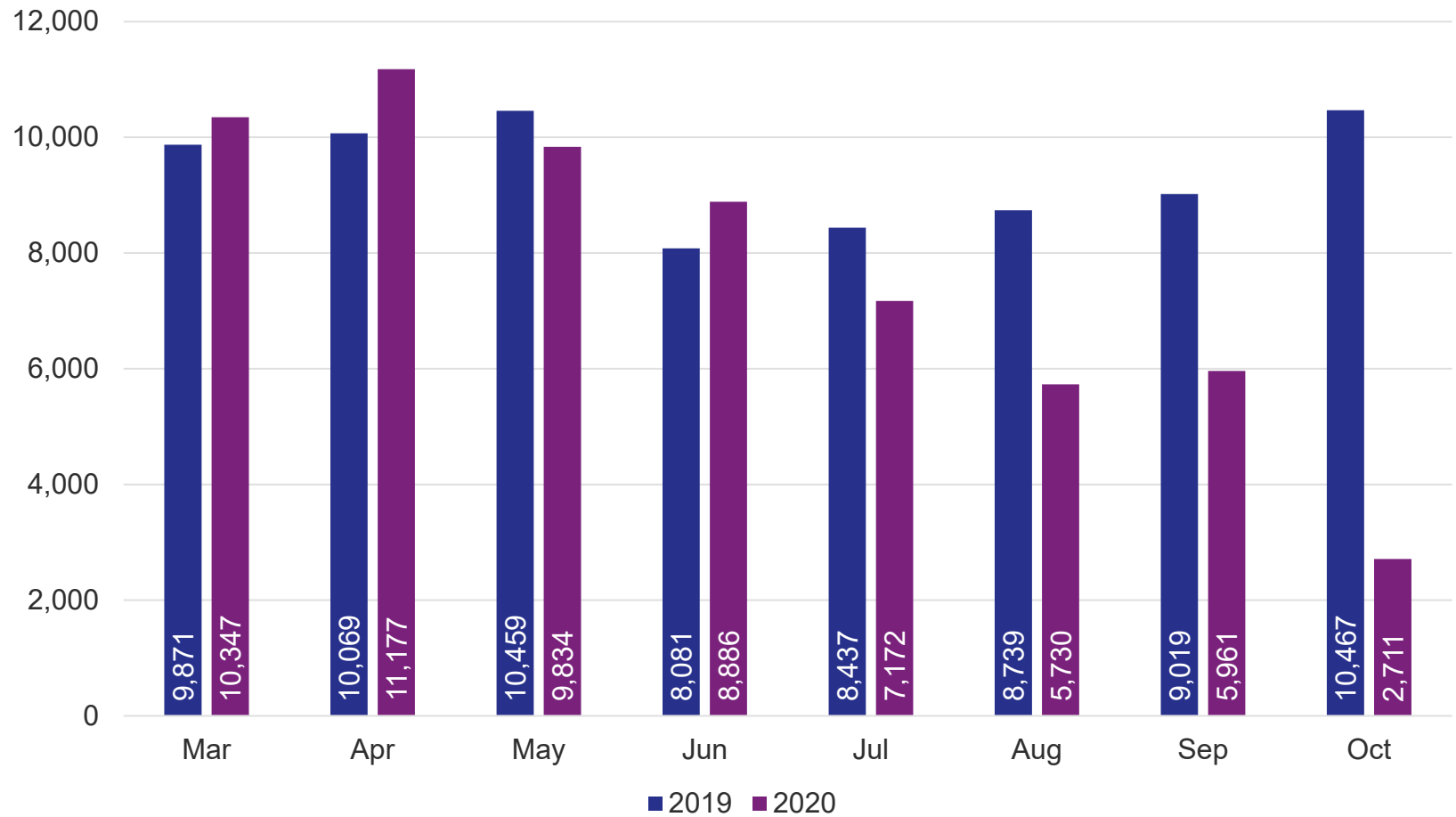


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Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old

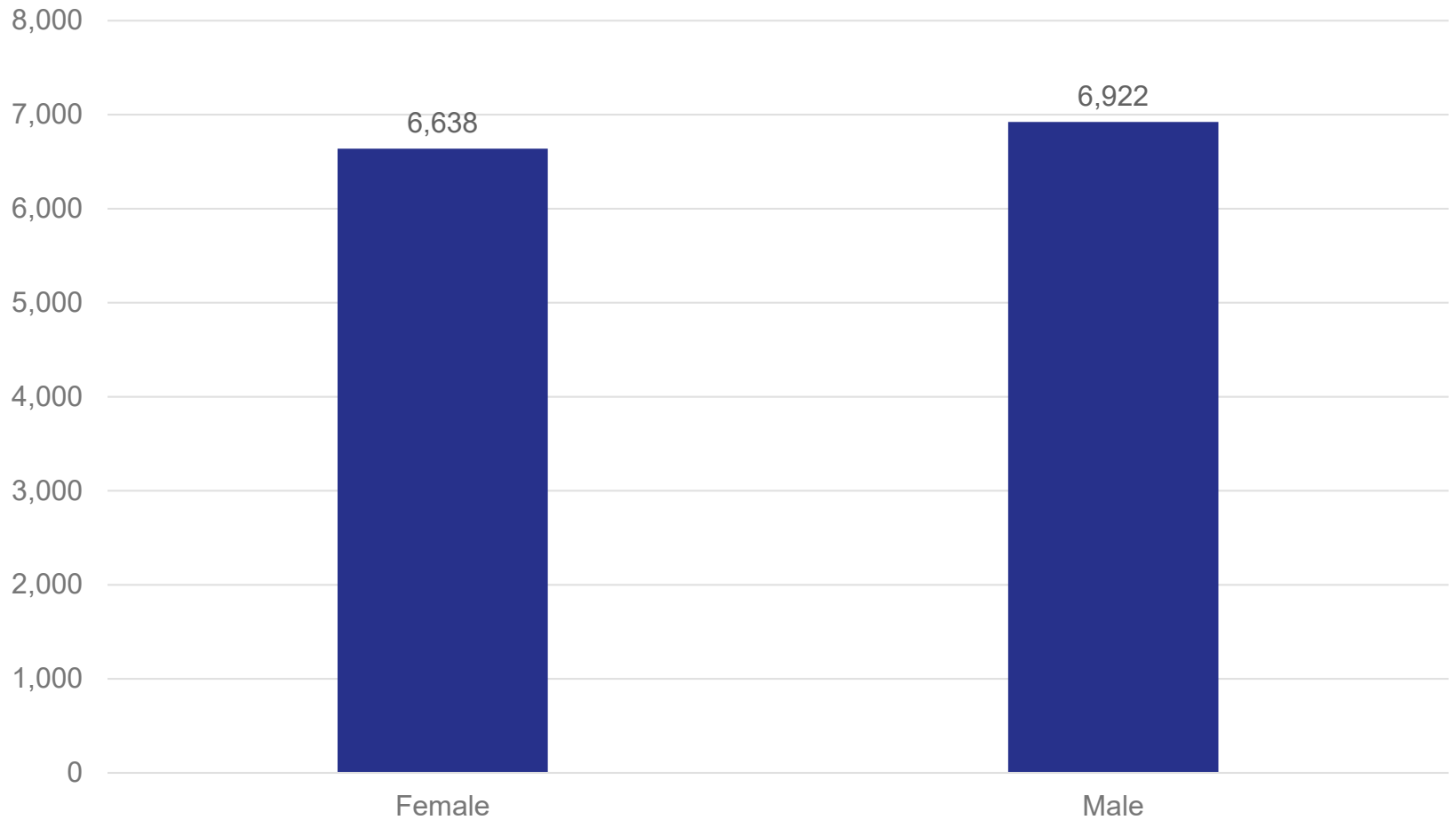


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Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old by Sex through 2020

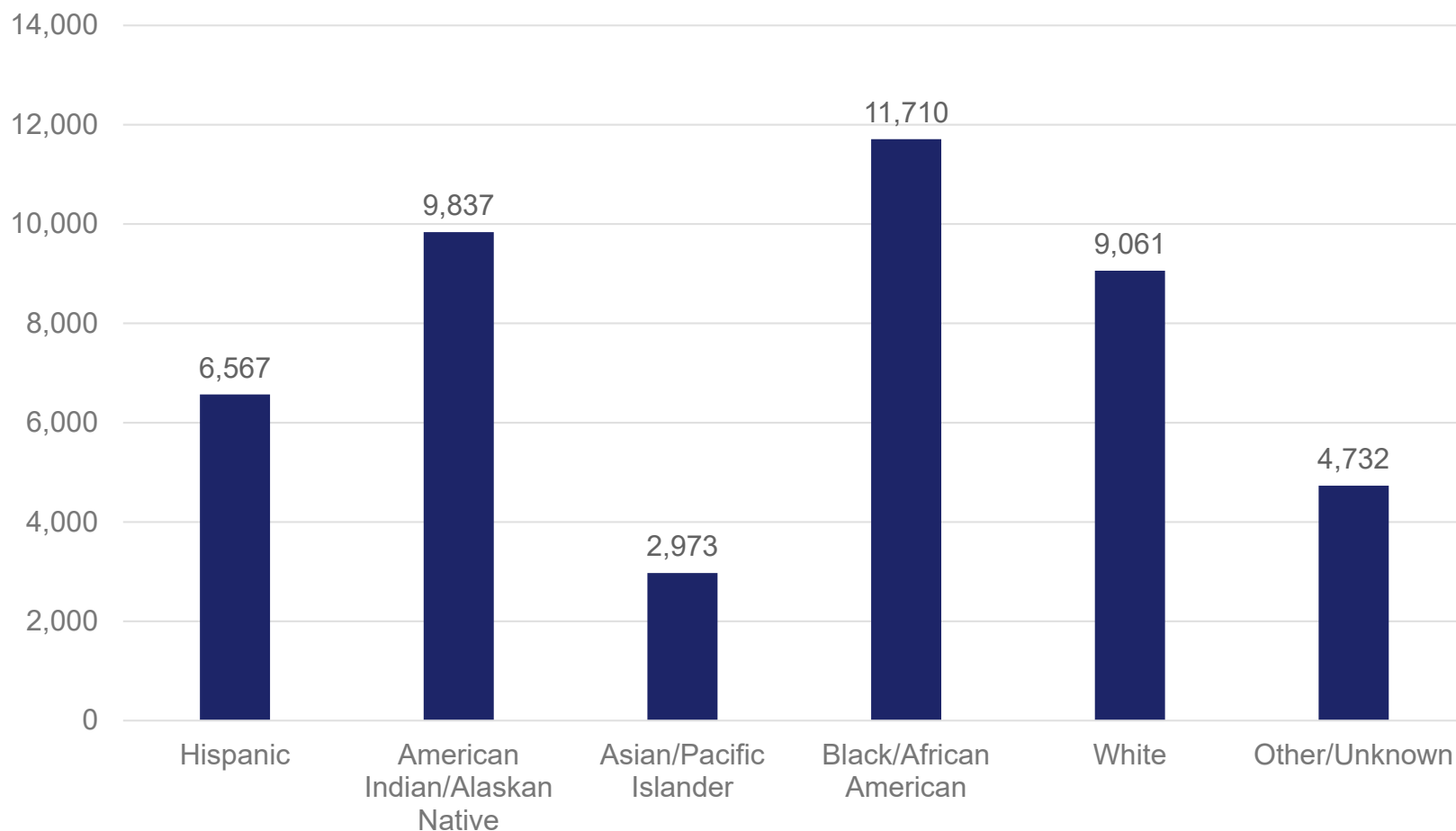


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Specialty Mental Health Visits

Visits per 100,000 beneficiaries under 21 years old by Race/Ethnicity through 2020



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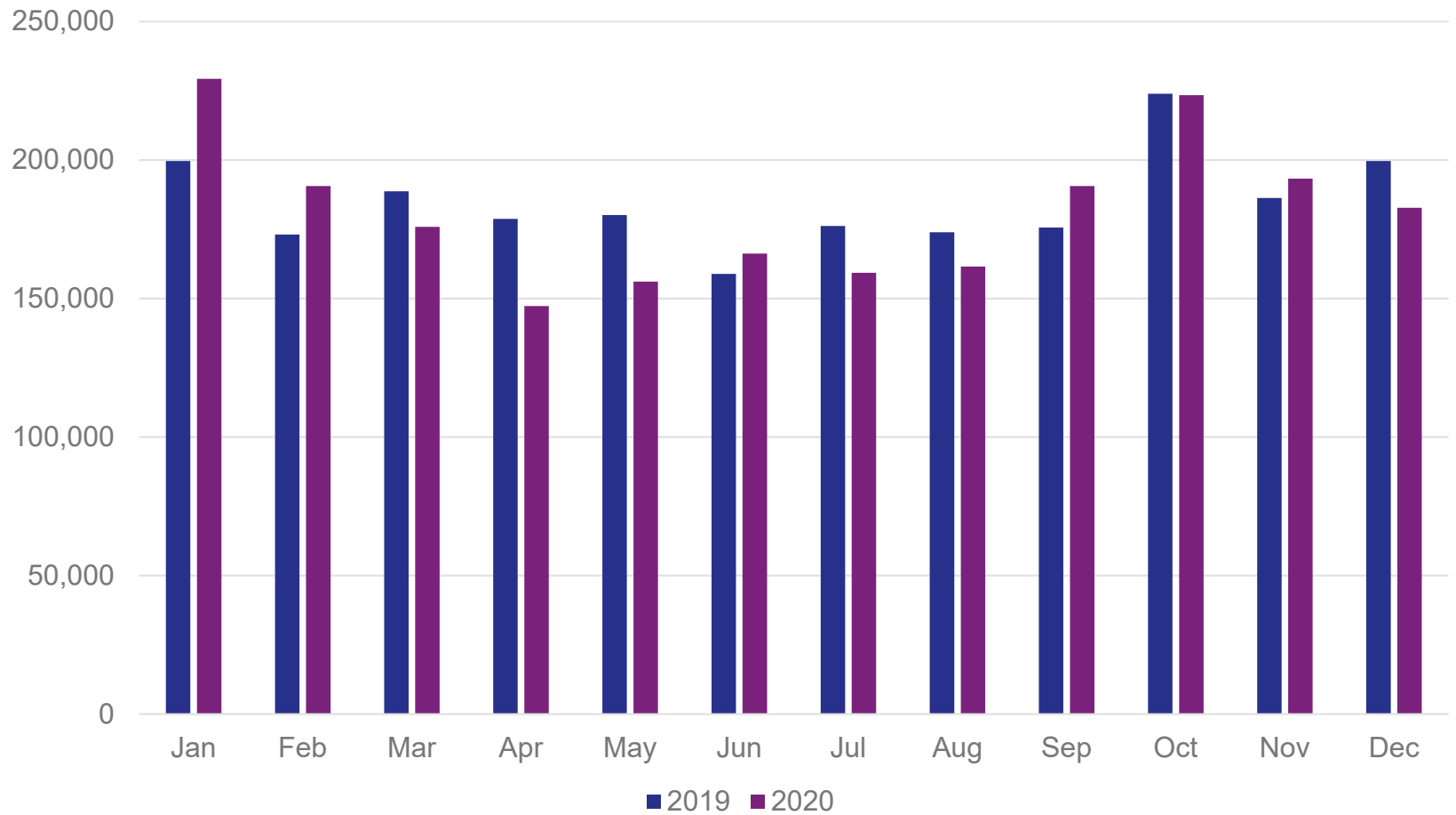
Immunizations for the Vaccines for Children Program

- Data represents Vaccine for Children (VFC) immunizations that have been reported to the California Immunization Registry (CAIR2)
- Approximately two-thirds of VFC sites participate in CAIR2
- California pharmacies are required to report vaccinations to an immunization registry, while registry participation is voluntary for other providers
- CAIR2 currently excludes data from providers in counties using:
 - San Diego Immunization Registry (San Diego)
 - Healthy Futures Registry (Alpine, Amador, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne counties)
- Data Source: California Department of Public Health, California Immunization Registry (CAIR2)



Vaccine for Children

Total Vaccine Doses for 0-2 Year Olds





Vaccine for Children

Total Vaccine Doses for 0-18 Year Olds

