

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 monitoring service utilization:
 - » COVID-19 confirmed cases, testing, and hospitalizations
 - » Utilization of services prior to and during the pandemic

All Hospitalizations

Beneficiaries with Dental Visits

Emergency Department Visits Mental Health Visits

Telehealth Visits Prescription Claims

Outpatient Visits

Data Analysis Caveats

- » Data presented is for children 0-17 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, delivery system, and location are based on the most recent 12 months of reported data
- » Reporting is based on fee-for-service claims and managed care encounter data
- » Additional measures and reporting are in process beyond those being shared today

Data Completeness Considerations

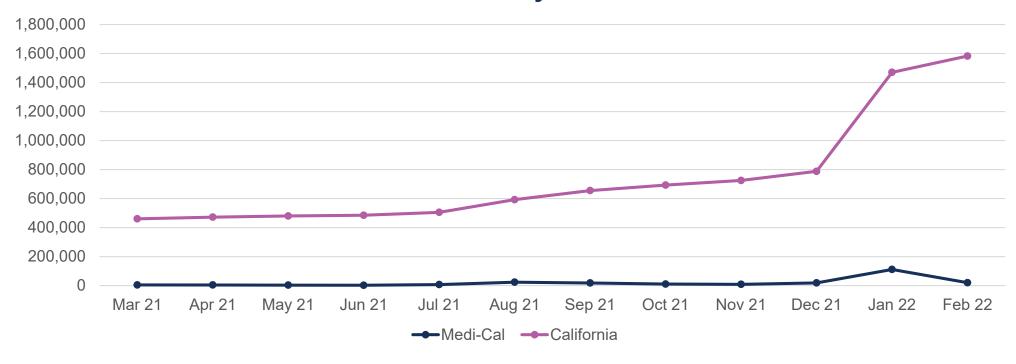
- » Data is preliminary and will continue to change and be updated
- While most data is received within 3 to 6 months of date of service, data may be received up to 6 to 18 months after services are delivered (claim lag)
- » The time between a date of service and when DHCS receives fee-for-service claims, managed care encounters, and specialty mental health claims from providers varies
- » DHCS does not report the most recent months of utilization because of claim lag: the most recent 4 months for hospitalizations are not reported, 5 months for specialty mental health services, and 3 months for other services

COVID-19 Confirmed Cases, Testing, and Hospitalizations

Please refer to Slide 4 for consideration of claim lag time variations

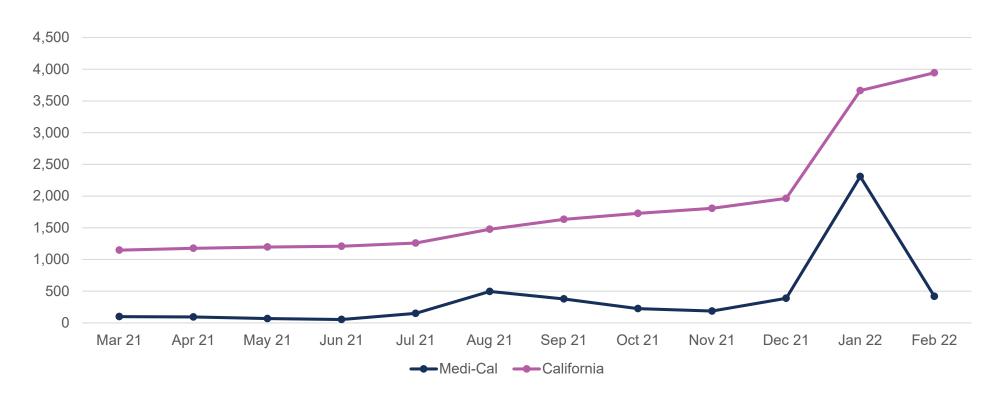
- » Total number of beneficiaries 0-17 years old with a COVID-19 diagnosis
- » ICD-10 codes are used to identify COVID-19 cases on claims or encounters:
 - » B97.29 other coronavirus as the cause of diseases classified elsewhere (Used for cases before April 1, 2020)
 - » U07.1 2019 Novel Coronavirus, COVID-19 (Used to identify cases after April 1, 2020)
- » Cases are counted for service dates October 1, 2020, through the date for which data is reported
- » Source of Data:
 - » DHCS MIS/DSS Claims and Eligibility Data
 - » California ("total population") Cases: CDPH Open Data Portal

Total California cases compared to cases among Medi-Cal beneficiaries Individuals 0-17 years old



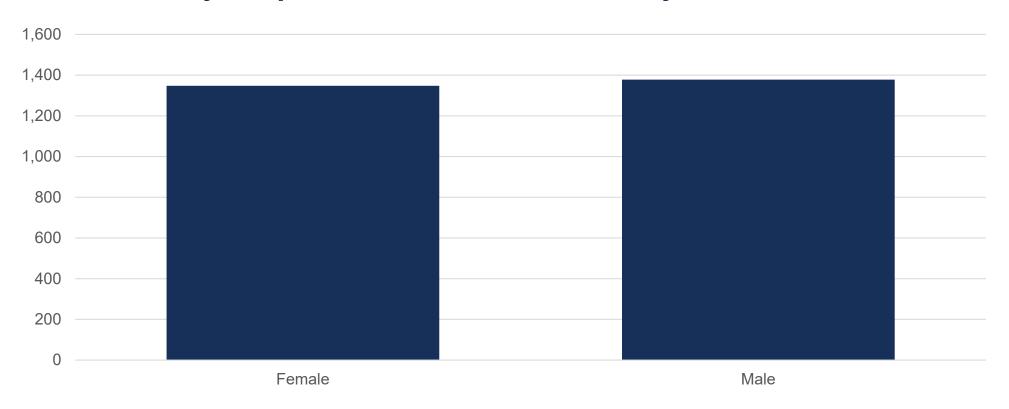
	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22
Medi-Cal	4,678	4,413	3,226	2,566	7,164	23,773	18,174	10,836	8,981	18,712	111,532	20,247
California	460,542	472,080	480,164	485,075	505,235	592,730	655,326	693,139	725,072	787,885	1,470,337	1,582,695

Per 100,000 beneficiaries 0-17 years old



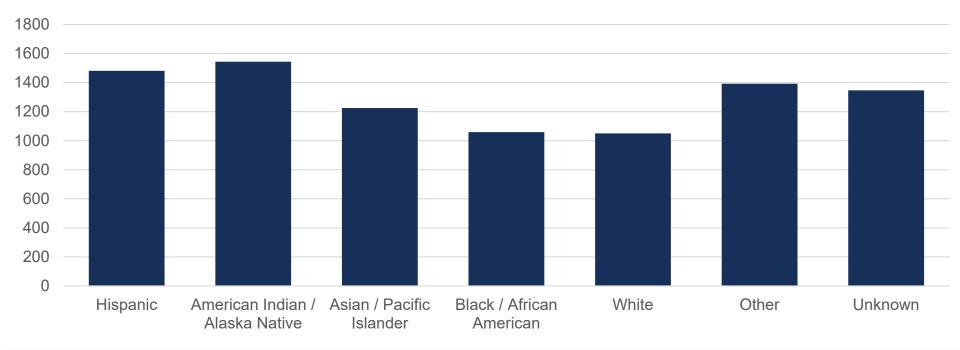
	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22
Medi-Cal	99	93	68	54	150	496	378	225	187	388	2,308	419
California	1,148	1,176	1,197	1,209	1,259	1,477	1,633	1,727	1,807	1,963	3,664	3,944

By Sex per 100,000 beneficiaries 0-17 years old



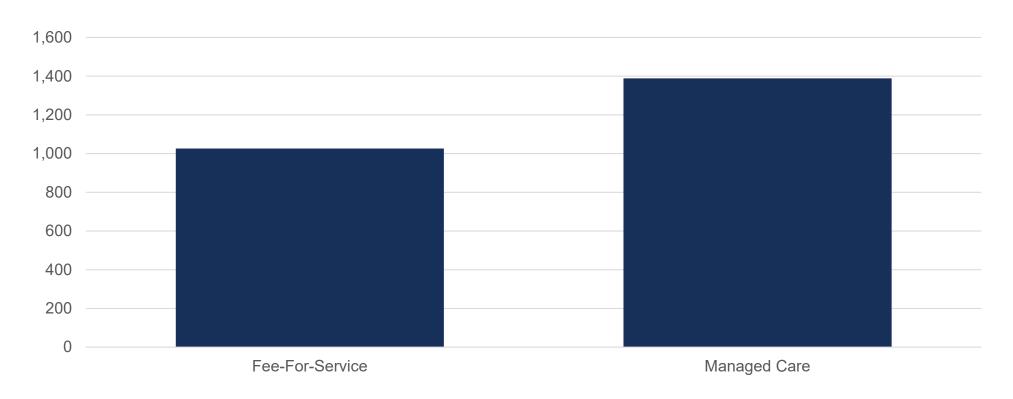
Mar 21 – Feb 22	Female	Male		
	1,348	1,378		

By Race/Ethnicity per 100,000 beneficiaries 0-17 years old



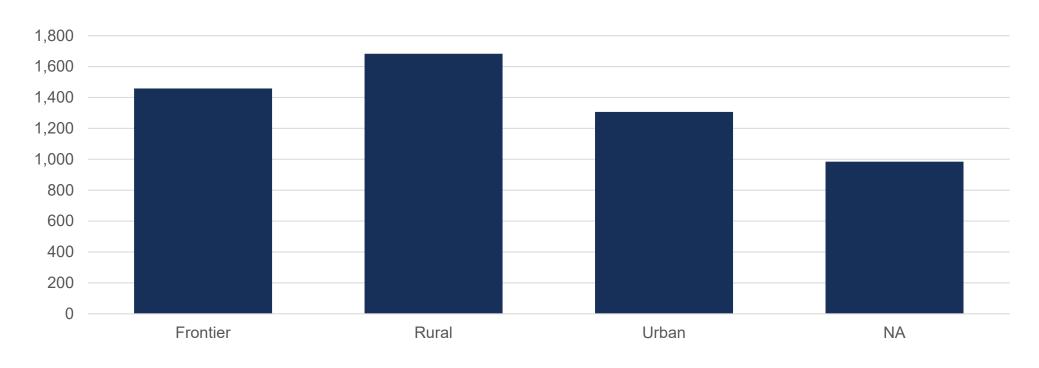
Mar 21 – Feb 22	Hispanic	American Indian / Alaska Native	Asian / Pacific Islander	Black / African American	White	Other	Unknown
	1,481	1,544	1,225	1,059	1,050	1,392	1,346

By Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care
	1,026	1,389

By Location per 100,000 beneficiaries 0-17 years old

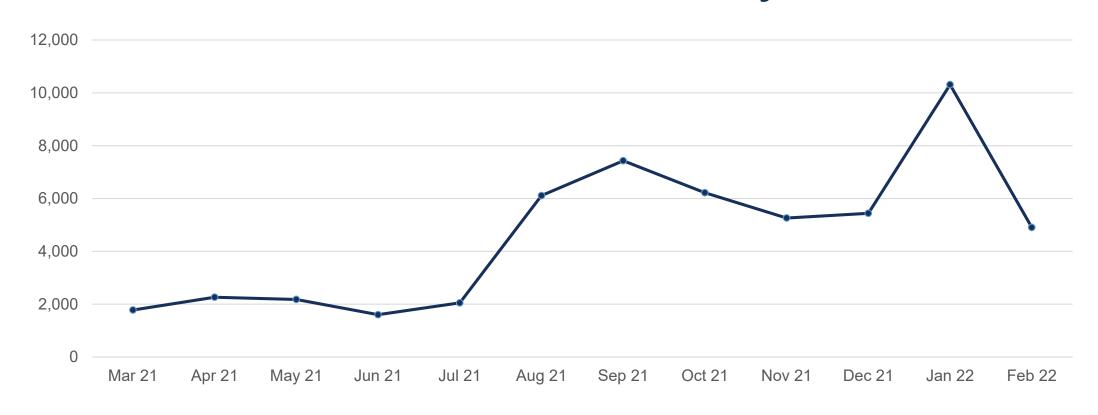


Mar 21 – Feb 22	Frontier	Rural	Urban	NA
	1,458	1,683	1,307	984

COVID-19 Testing

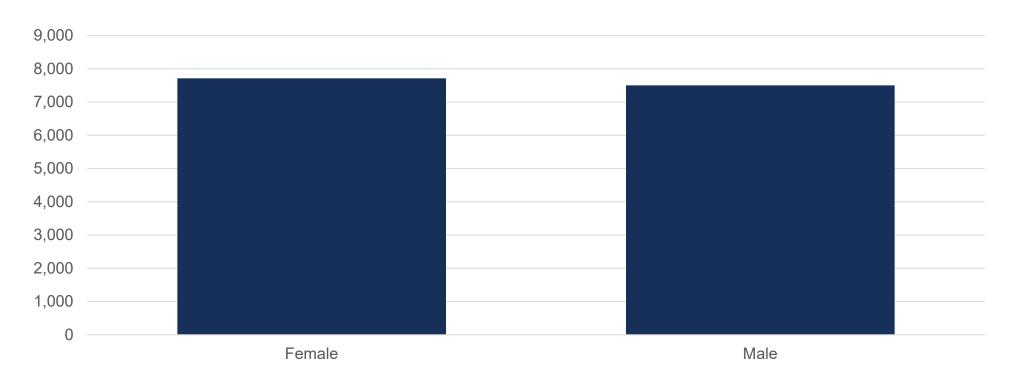
- » Total number of COVID-19 tests by month tested for beneficiaries 0-17 years old
- » Data represent totals of tests (claims), not individual people
- » Tests can be antigen- or antibody-based. Specific codes used for identification of COVID-19 tests in Medi-Cal claims include, but are not limited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

COVID-19 TestingPer 100,000 beneficiaries 0-17 years old



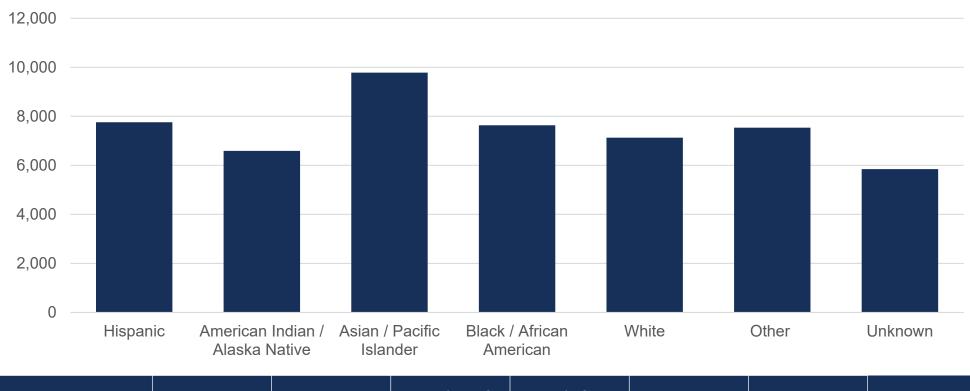
Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22
1,780	2,265	2,180	1,602	2,051	6,111	7,430	6,219	5,262	5,441	10,309	4,904

COVID-19 TestingBy Sex per 100,000 beneficiaries 0-17 years old



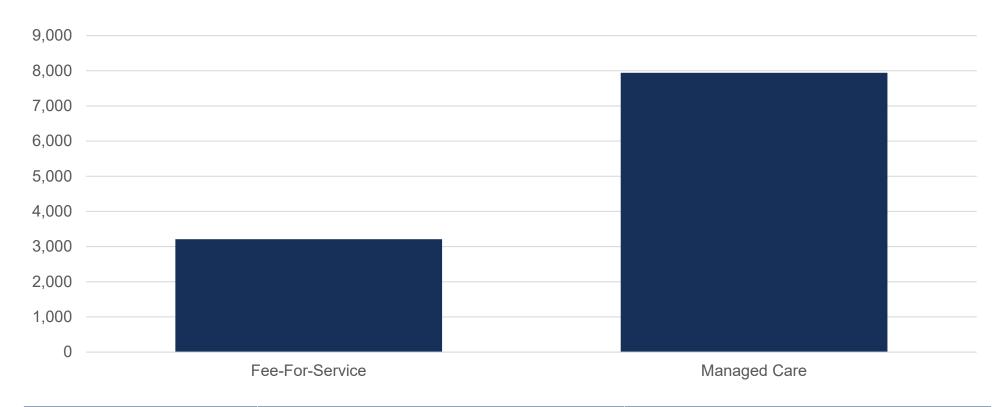
Mar 21 – Feb 22	Female	Male
Mai 21 1 00 22	7,714	7,503

COVID-19 TestingBy Race/Ethnicity per 100,000 beneficiaries 0-17 years old



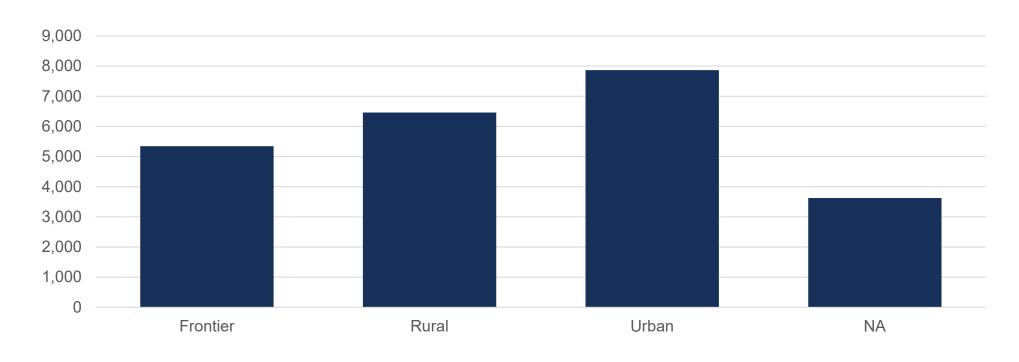
Mar 21 – Feb 22	Hispanic	American Indian / Alaska Native		Black / African American	White	Other	Unknown
	7,758	6,590	9,780	7,634	7,129	7,535	5,845

COVID-19 TestingBy Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care		
	3,210	7,942		

COVID-19 TestingBy Location per 100,000 beneficiaries 0-17 years old

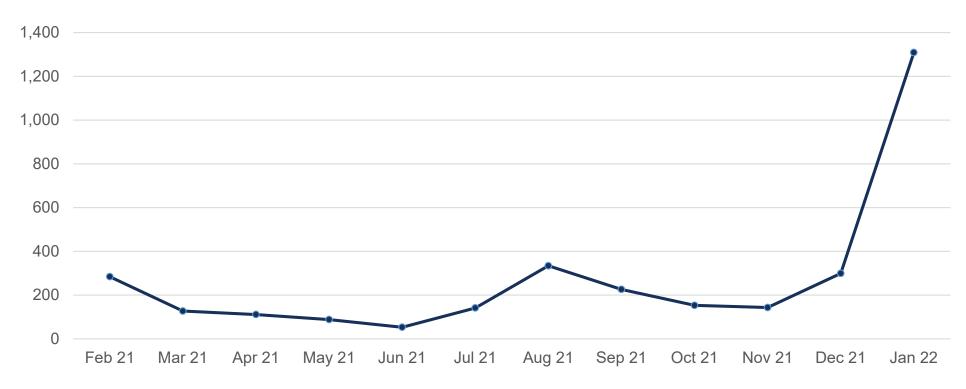


Mar 21 – Feb 22	Frontier	Rural	Urban	NA
	5,342	6,460	7,865	3,623

COVID-19 Hospitalizations

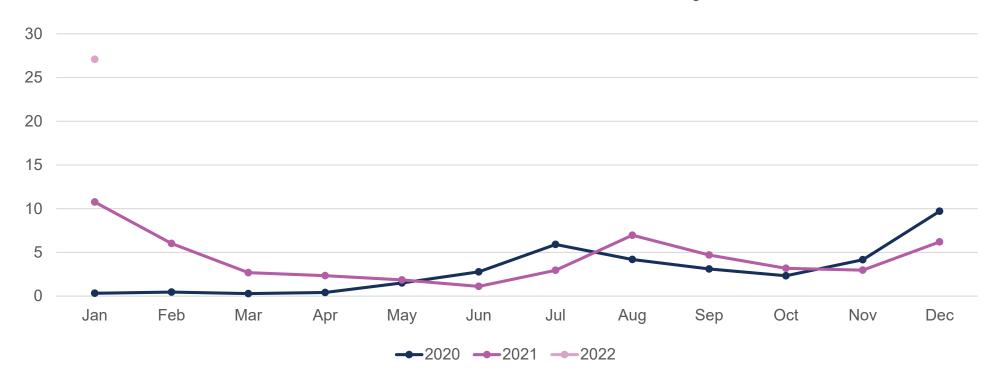
- » Hospitalizations are presented in the following ways
 - » COVID-19 diagnosis (present on admission)
 - » All hospitalizations (COVID-19 and non-COVID-19)
 - » Comparison by Calendar Year, starting in 2020 through the date for which data is reported
- » Inpatient stays were defined as a unique combination of beneficiary and service date
- » Source of Data:
 - » DHCS MIS/DSS Claims and Eligibility Data

COVID-19 HospitalizationsCount of beneficiaries 0-17 years old



Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22
284	127	111	88	53	141	334	226	153	143	299	1,309

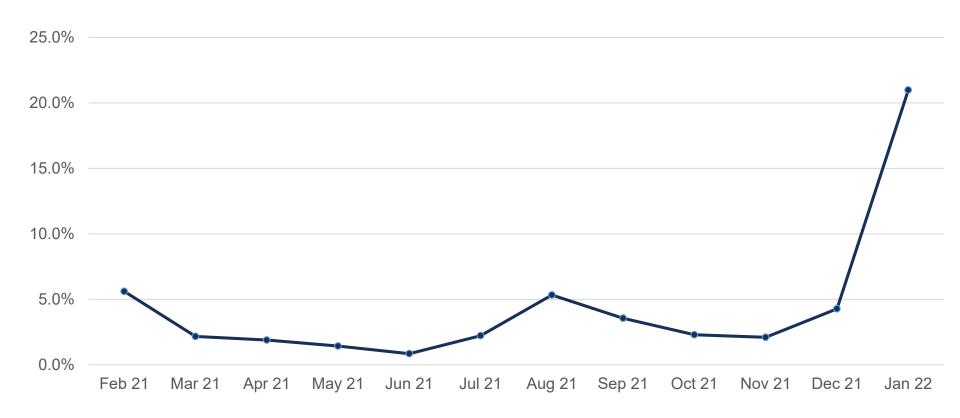
COVID-19 Hospitalizations Per 100,000 beneficiaries 0-17 years old



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	0	0	0	0	2	3	6	4	3	2	4	10
2021	11	6	3	2	2	1	3	7	5	3	3	6
2022	27											

COVID-19 Hospitalizations

Percent of all Hospitalizations for beneficiaries 0-17 years old



Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22
5.6%	2.2%	1.9%	1.4%	0.8%	2.2%	5.3%	3.6%	2.3%	2.1%	4.3%	21.0%

Utilization of Services Prior to and During the Pandemic

Please refer to Slide 4 for consideration of claim lag time variations

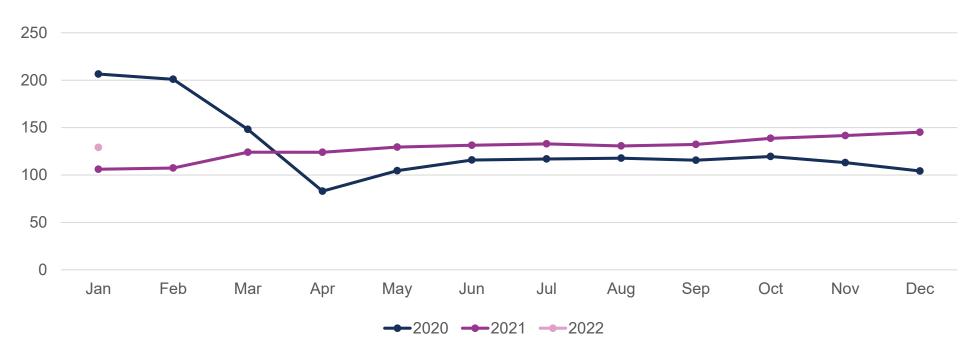
Medi-Cal Utilization of Services During the Pandemic Response

The following measures have been compiled to compare utilization during Calendar Year 2020 through the date for which data is reported:

- » All Hospitalizations
- » Emergency Department Visits
- » Telehealth Visits
- » Outpatient Visits

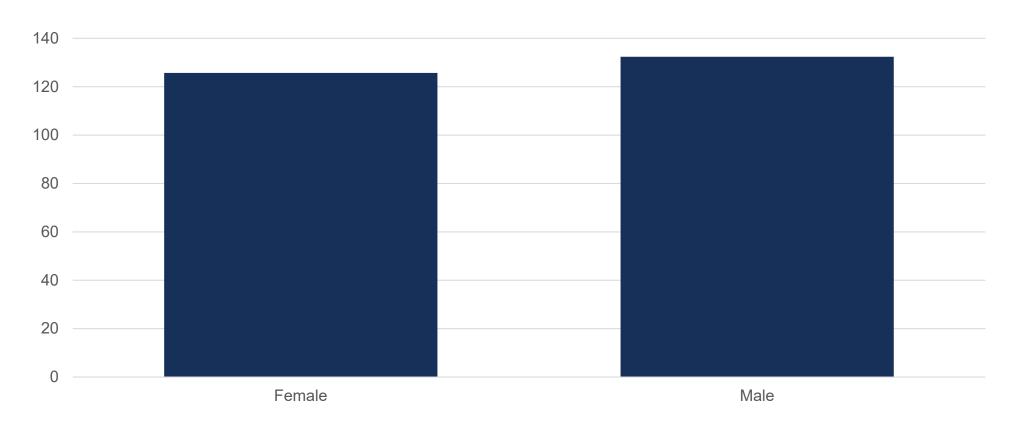
- » Beneficiaries with Dental Visits
- » Mental Health Visits
- » Prescription Claims

All Hospitalizations Per 100,000 beneficiaries 0-17 years old



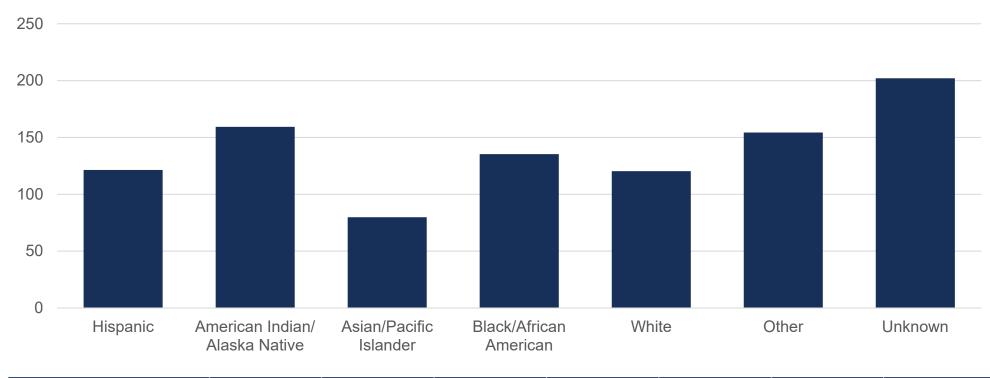
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	206	201	148	83	105	116	117	118	116	120	113	104
2021	106	107	124	124	129	131	133	131	132	139	142	145
2022	129											

All Hospitalizations By Sex Per 100,000 beneficiaries 0-17 years old



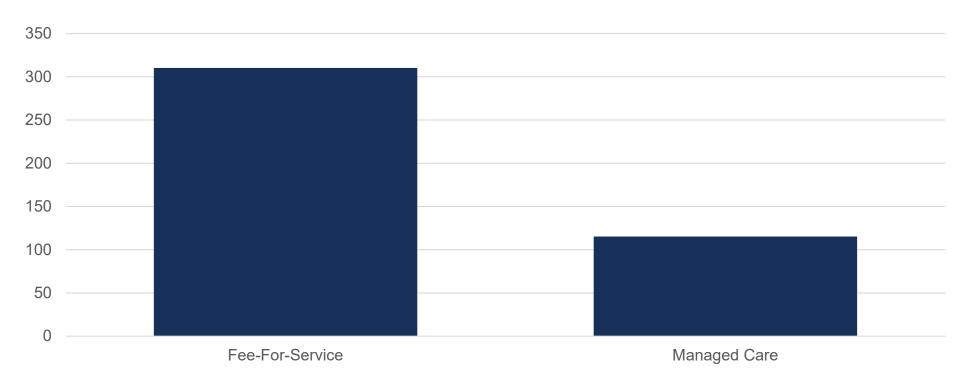
Feb 21 – Jan 22	Female	Male
	126	132

All Hospitalizations By Race/Ethnicity per 100,000 beneficiaries 0-17 years old



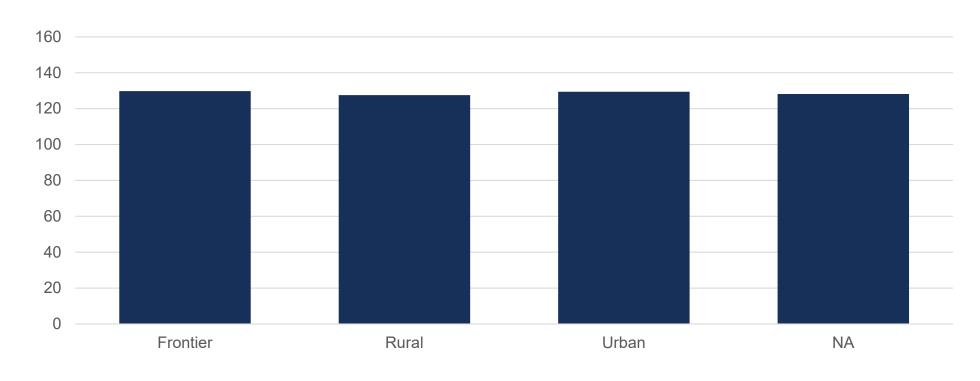
Feb 21 – Jan 22	Hispanic	American Indian/ Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	121	159	80	135	120	154	202

All Hospitalizations By Delivery System per 100,000 beneficiaries 0-17 years old



Feb 21 – Jan 22	Fee-For-Service	Managed Care
	310	115

All Hospitalizations By Location per 100,000 beneficiaries 0-17 years old



Feb 21 – Jan 22	Frontier	Rural	Urban	NA
	130	128	129	128

Emergency Department Visits

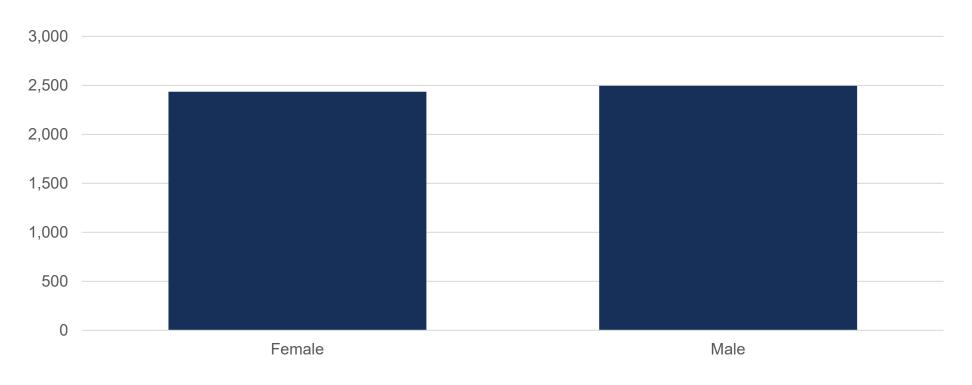
- » Total number Emergency Department visits including those related to COVID-19 among beneficiaries 0-17 years old
- » Procedure Codes Utilized:99281, 99282, 99283, 99284, 99285
- » Overall, California hospitals experienced declines of 40% to 60% in ED visits during the pandemic (*The Financial Impact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

Emergency Department Visits Per 100,000 beneficiaries 0-17 years old



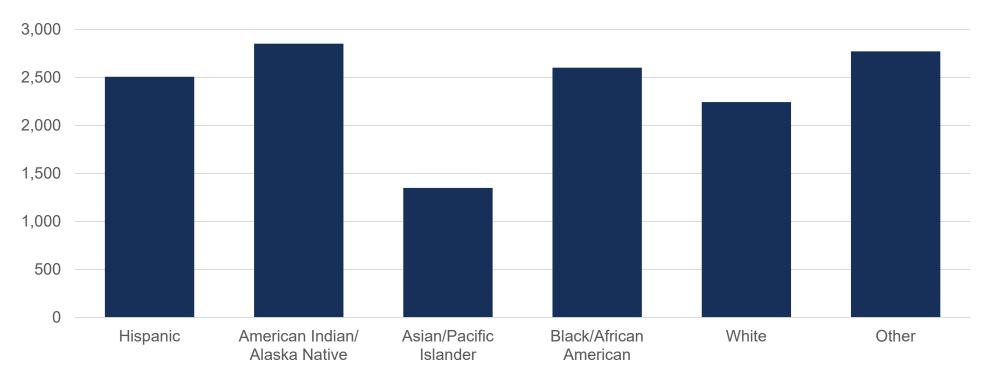
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	4,644	4,503	2,806	933	1,266	1,465	1,599	1,603	1,653	1,715	1,600	1,444
2021	1,325	1,342	1,714	2,014	2,299	2,335	2,546	2,917	2,896	2,821	2,824	2,786
2022	2,724	2,210										

Emergency Department Visits By Sex per 100,000 beneficiaries 0-17 years old



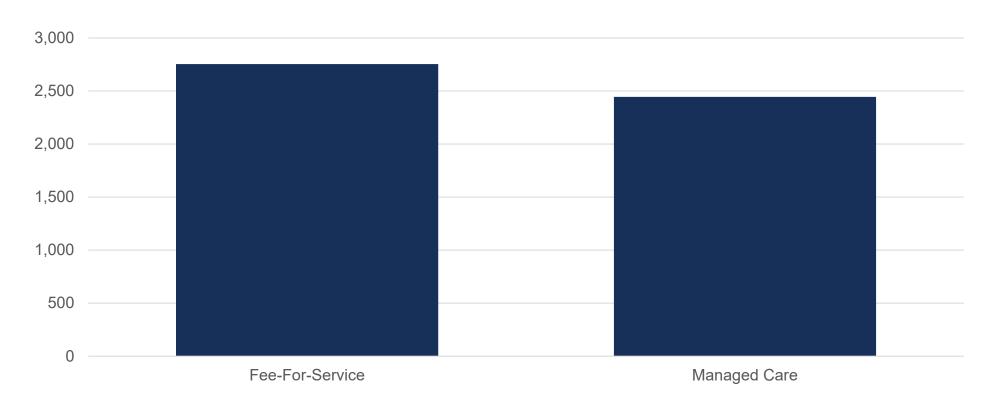
Mar 21 – Feb 22	Female	Male
IVIAI 21 — 1 CD 22	2,436	2,496

Emergency Department VisitsBy Race/Ethnicity per 100,000 beneficiaries 0-17 years old



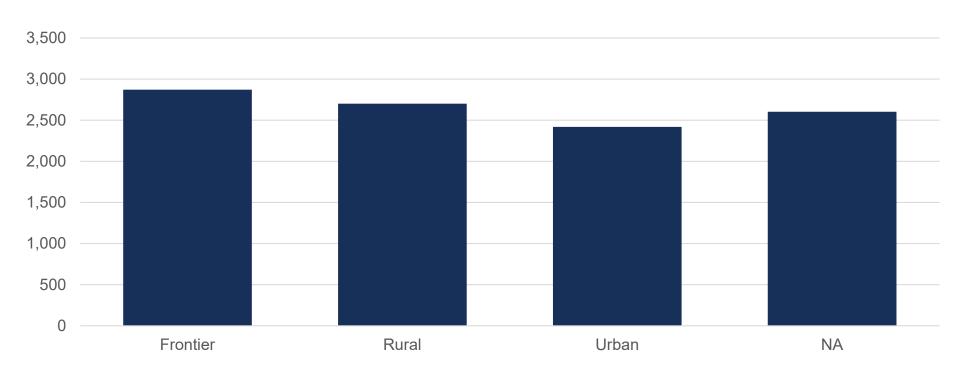
Mar 21 – Feb 22	Hispanic	American Indian/ Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	2,507	2,852	1,350	2,602	2,243	2,771	2,949

Emergency Department VisitsBy Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care
Wai 21 1 05 22	2,754	2,445

Emergency Department VisitsBy Location per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Frontier	Rural	Urban	NA
	2,871	2,702	2,419	2,603

Telehealth Visits

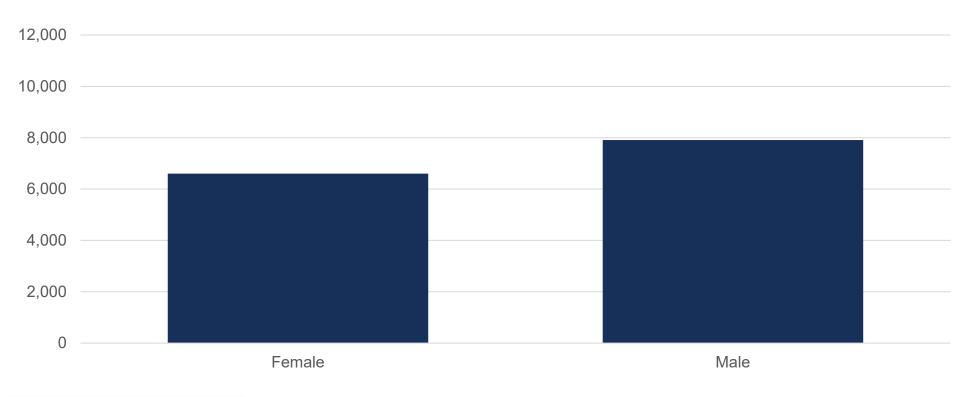
- » Telehealth visits were identified based on the presence of a modifier on the claim or encounter (modifiers 95, GQ and GT)
- » Telehealth visits include phone and video healthcare visits
- » Telehealth visits are outpatient visits in fee-for-service or managed care mental health visits are not included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

Per 100,000 Beneficiaries 0-17 years old



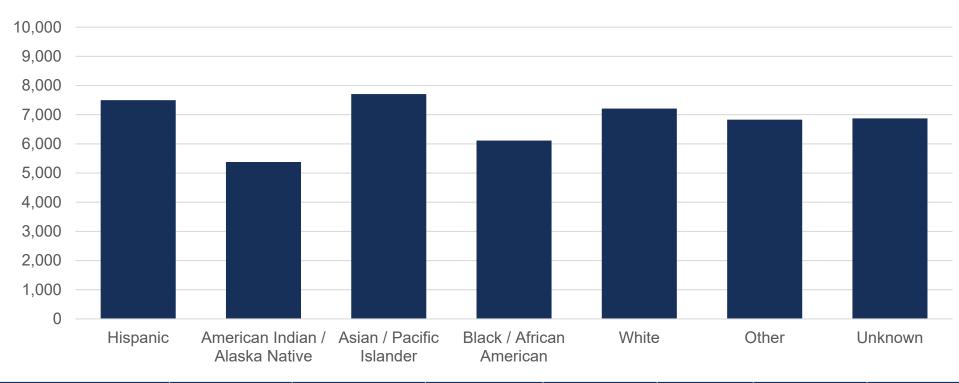
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	376	380	2,752	8,521	8,509	7,491	7,765	7,804	10,324	10,842	9,363	10,701
2021	10,974	10,149	10,837	9,382	8,682	6,808	5,915	7,300	7,543	6,945	6,235	6,092
2022	8,468	6,076										

By Sex per 100,000 beneficiaries 0-17 years old



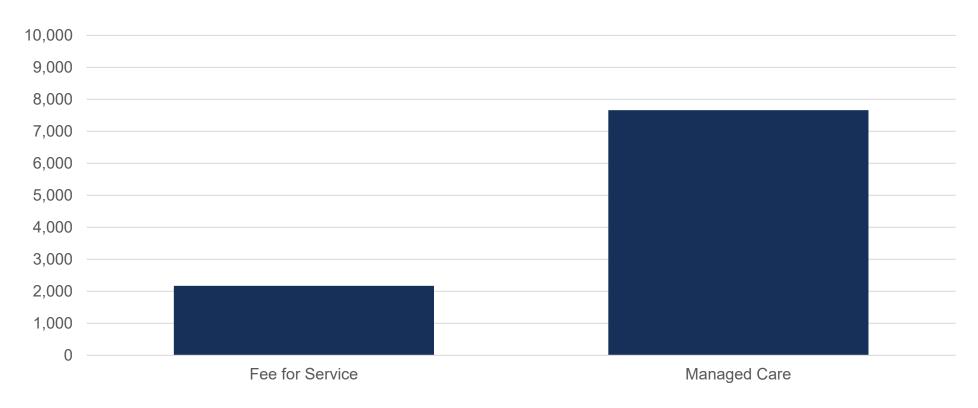
Mar 21 – Feb 22	Female	Male
	6,601	7,911

By Race/Ethnicity per 100,000 beneficiaries 0-17 years old



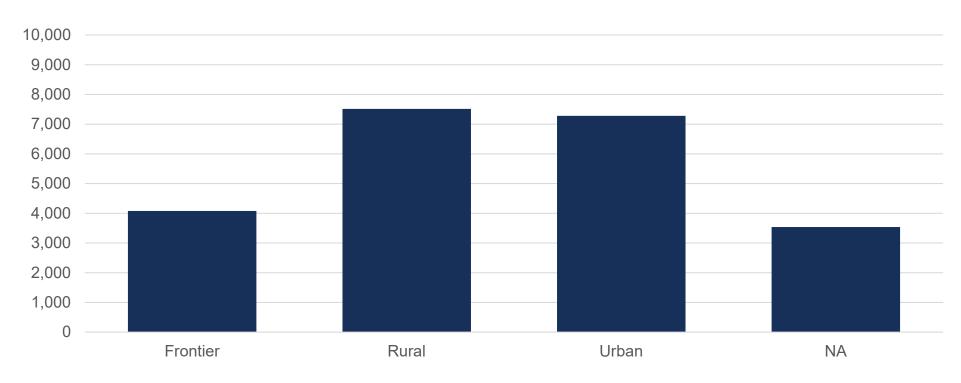
Mar 21 – Feb 22	Hispanic	American Indian / Alaska Native	Asian / Pacific Islander	Black / African American	White	Other	Unknown
	7,498	5,378	7,708	6,113	7,211	6,830	6,873

By Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee for Service	Managed Care
	2,171	7,662

By Location per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Frontier	Rural	Urban	NA
	4,078	7,515	7,281	3,537

Outpatient Visits

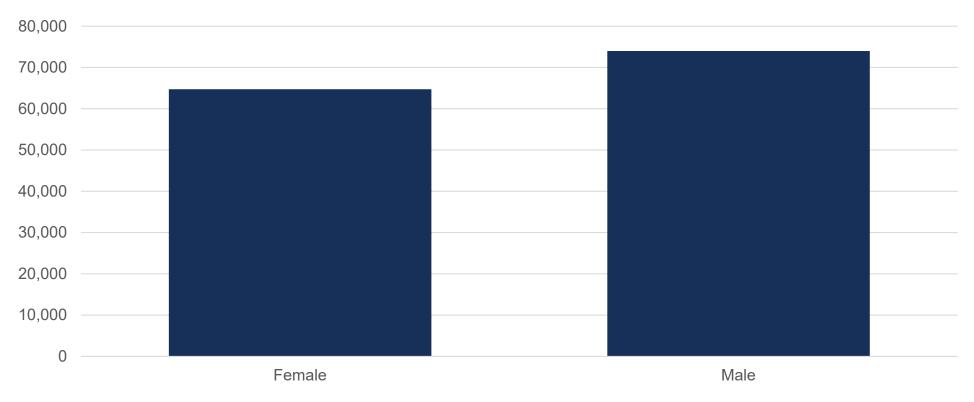
- » Total number of outpatient visits
- » Total number of outpatient visit includes telehealth visits
- » Telehealth visits constitute about 20% of the overall outpatient visits
- » Source of data:
 - » MIS/DSS Claims and Eligibility

Outpatient Visits Per 100,000 beneficiaries 0-17 years old



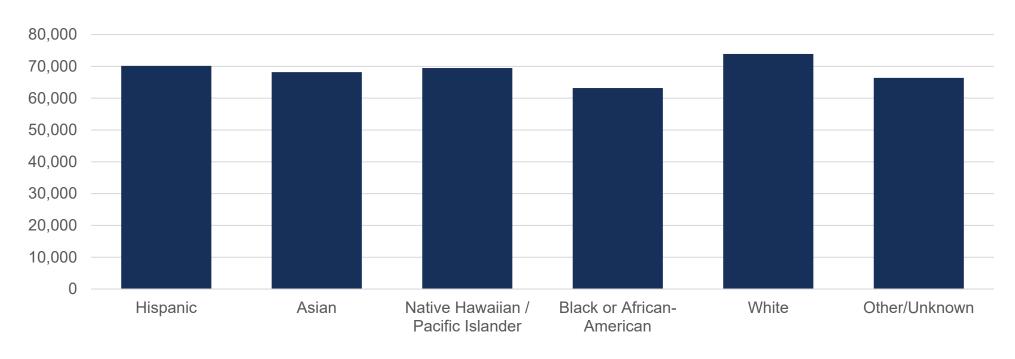
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	89,242	85,692	68,447	45,927	49,155	54,636	57,661	57,635	66,464	73,470	64,163	64,609
2021	63,153	63,250	74,041	71,755	68,783	65,823	63,175	75,940	81,095	78,303	73,045	67,499
2022	73,727	65,214										

Outpatient Visits By Sex per 100,000 beneficiaries 0-17 years old



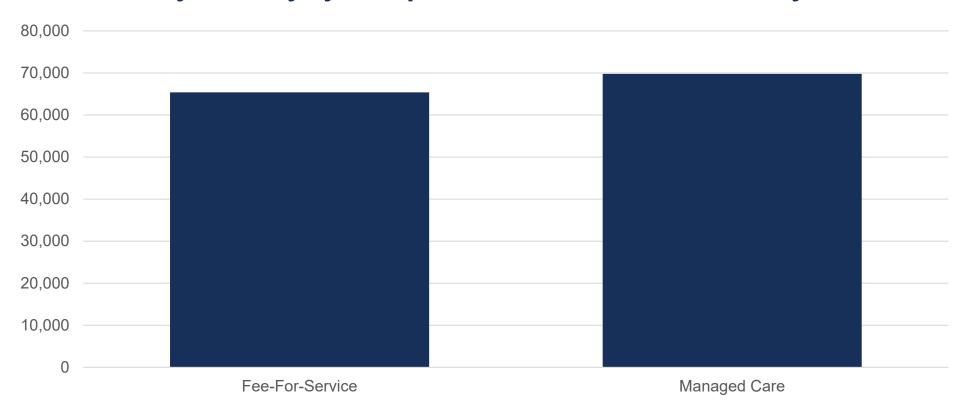
Mar 21 – Feb 22	Female	Male
	64,723	73,996

Outpatient Visits By Race/Ethnicity per 100,000 beneficiaries 0-17 years old



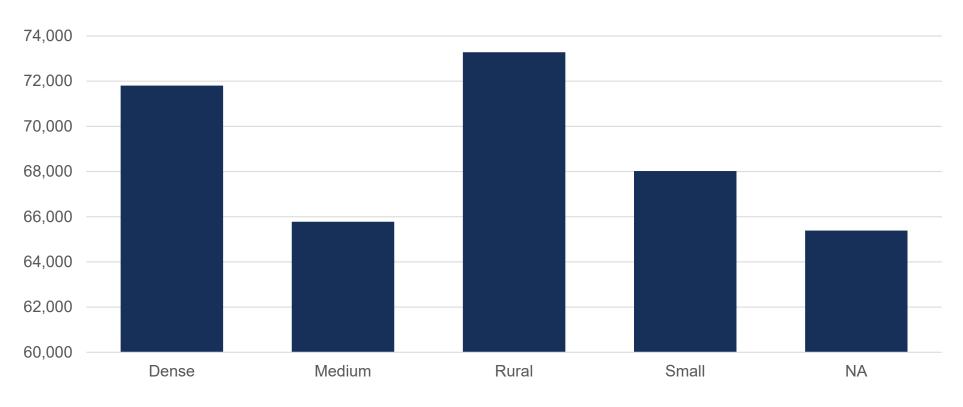
Mar 21 – Feb 22	Hispanic	Asian	Native Hawaiian / Pacific Islander	Black or African- American	White	Other/Unknown
	70,158	68,182	69,472	63,184	73,907	66,372

Outpatient Visits By Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care
	65,389	69,780

Outpatient Visits By Location per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Dense	Medium	Rural	Small	NA
	71,804	65,778	73,283	68,023	65,389

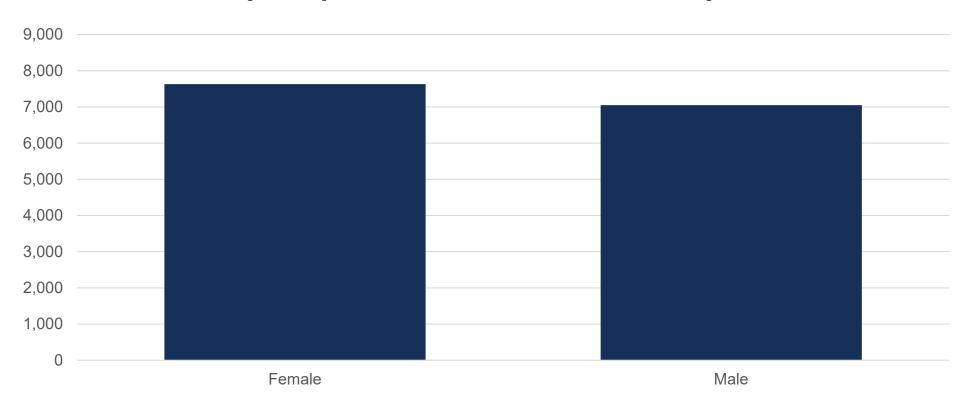
- » Beneficiaries receiving any Dental Care Visit Services
- » Data is presented for beneficiaries 0-20 years old
- » Methodology is based on the measure for Annual Dental Visits
- » Source of data:
 - » MIS/DSS Claims and Eligibility
- » Date of Data June 2022

Per 100,000 beneficiaries 0-20 years old



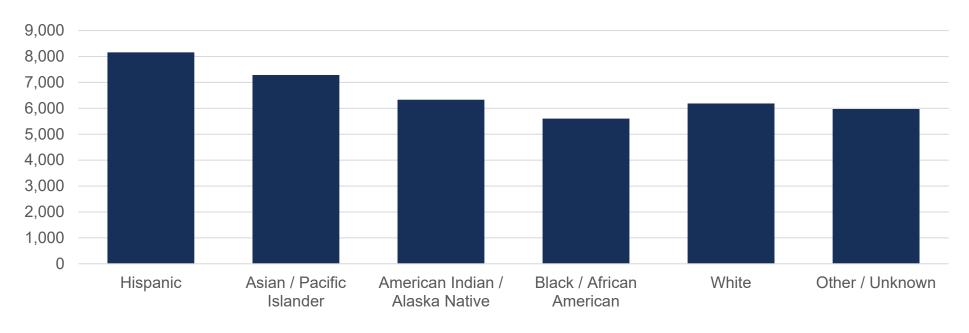
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	9,463	9,043	5,311	943	2,466	6,110	7,204	7,455	7,616	7,584	6,341	6,125
2021	6,777	7,516	7,762	8,145	7,506	8,032	8,198	8,231	7,603	7,830	7,480	6,802
2022	6,979	7,688			-							

By Sex per 100,000 beneficiaries 0-20 years old



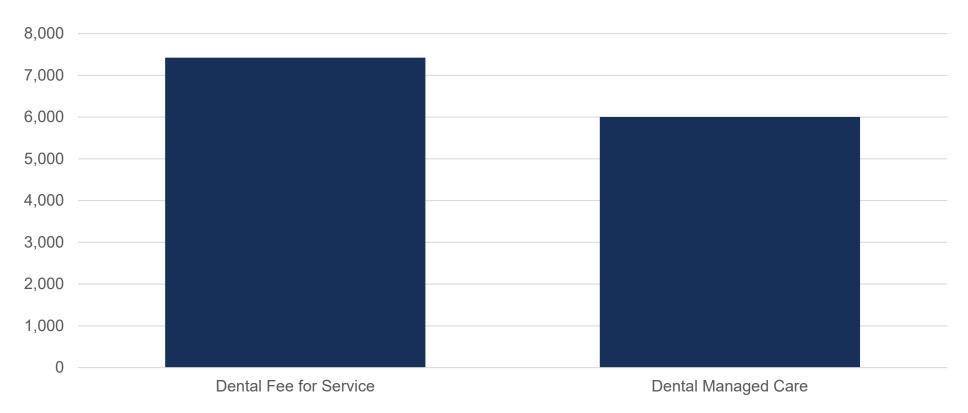
Mar 21 – Feb 22	Female	Male
	7,631	7,049

By Race/Ethnicity per 100,000 beneficiaries 0-20 years old



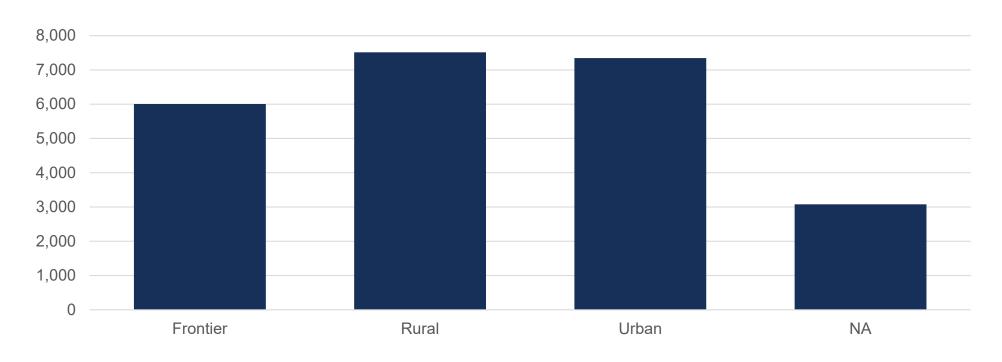
Mar 21 – Feb 22	Hispanic	Asian / Pacific Islander	American Indian / Alaska Native	Black / African American	White	Other / Unknown
	8,161	7,287	6,332	5,603	6,186	5,973

By Delivery System per 100,000 beneficiaries 0-20 years old



Mar 21 – Feb 22	Dental Fee for Service	Dental Managed Care		
Mai Z i – Feb ZZ	7,423	6,003		

By Location per 100,000 beneficiaries 0-20 years old



Mar 21 – Feb 22	Frontier	Rural	Urban	NA	
IVIAI ZI — FED ZZ	6,006	7,514	7,346	3,078	

Medi-Cal: Two Mental Health Delivery Systems for beneficiaries 0-20 years old

- » 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 for beneficiaries 0-20 years old

» Specialty Mental Health Services

- » Administered through county mental health plans
- » Services for children/youth whose mental health needs require care services not included in managed care plan mental health benefits

» Substance Use Disorder Benefits

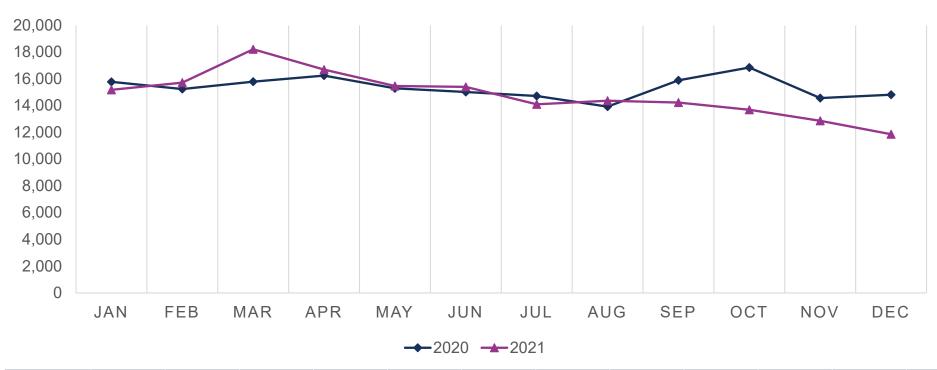
- » Administered through Drug Medi-Cal and Drug Medi-Cal Organized Delivery System counties, and waiver services
- » Community-based system for Substance use Disorder services through counties or through direct contracts with service providers

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
- » Penetration rate is the percentage of beneficiaries with an identified mental health service need who received at least one qualifying service during the measurement year
- » 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

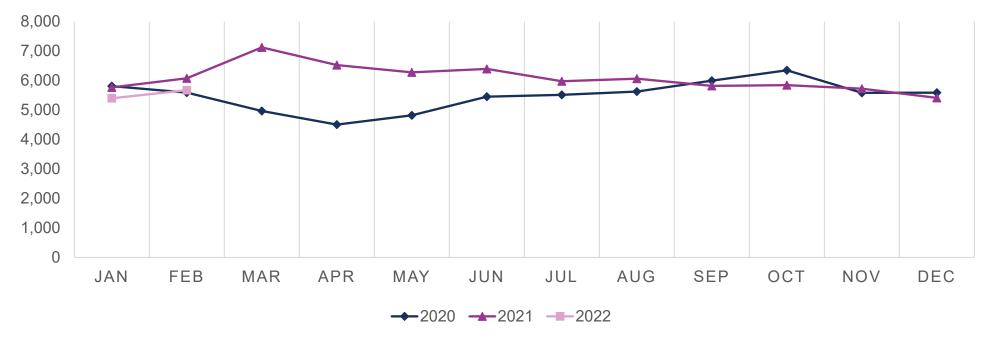
Total Mental Health Visits

Per 100,000 beneficiaries 0-20 years old



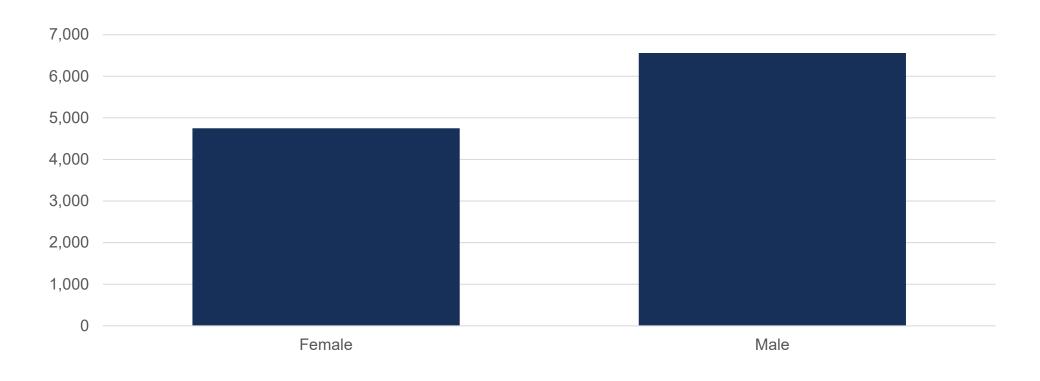
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	15,787	15,246	15,798	16,250	15,301	15,027	14,728	13,929	15,899	16,855	14,569	14,824
2021	15,189	15,725	18,222	16,699	15,475	15,410	14,106	14,373	14,236	13,696	12,875	11,867

Per 100,000 beneficiaries 0-20 years old



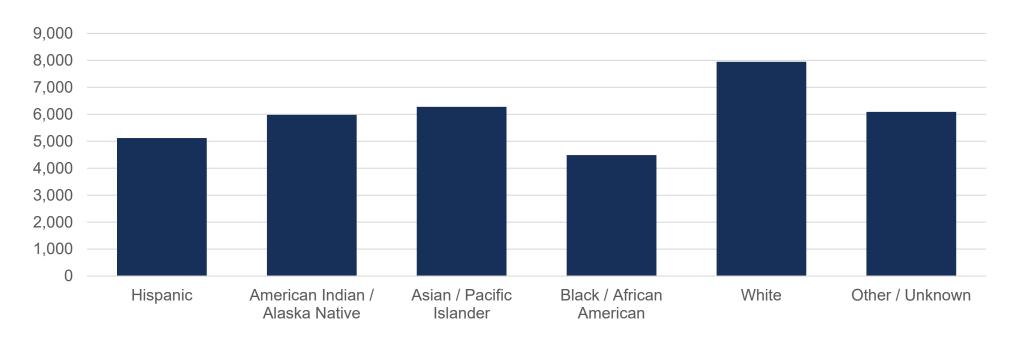
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	5,813	5,591	4,969	4,507	4,822	5,455	5,517	5,629	5,995	6,349	5,585	5,589
2021	5,768	6,079	7,127	6,525	6,279	6,396	5,978	6,065	5,819	5,844	5,725	5,412
2022	5,398	5,674										

Non-Specialty Mental Health Visits By Sex per 100,000 beneficiaries 0-20 years old



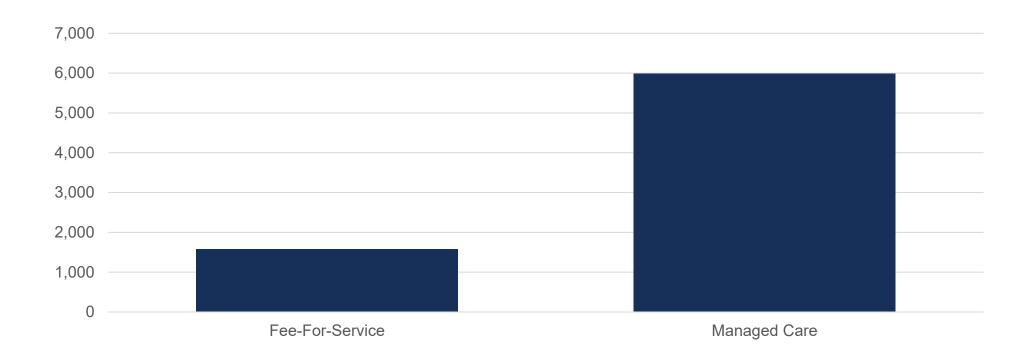
Mar 21 – Feb 22	Female	Male		
Mai 21 1 00 22	4,749	6,560		

Non-Specialty Mental Health Visits By Race/Ethnicity per 100,000 beneficiaries 0-20 years old



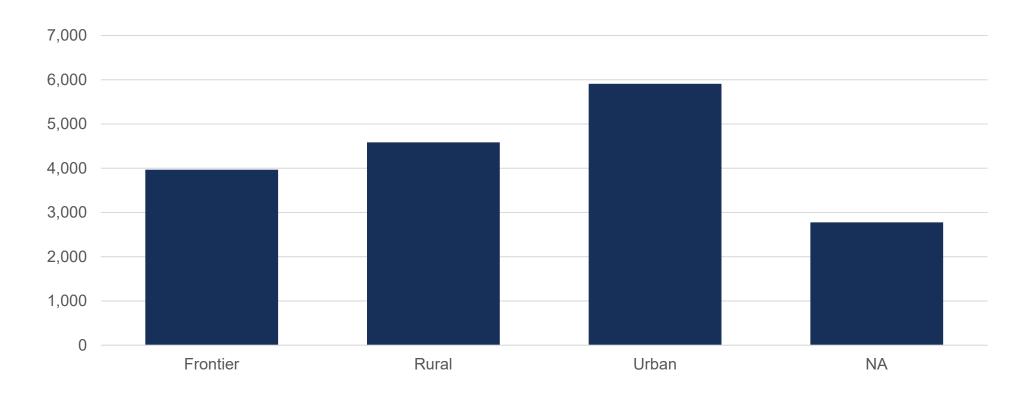
Mar 21 – Feb 22	Hispanic	American Indian / Alaska Native	Asian / Pacific Islander	Black / African American	White	Other / Unknown
	5,121	5,983	6,277	4,489	7,949	6,092

By Delivery System per 100,000 beneficiaries 0-20 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care		
Wai 21 1 65 22	1,577	5,985		

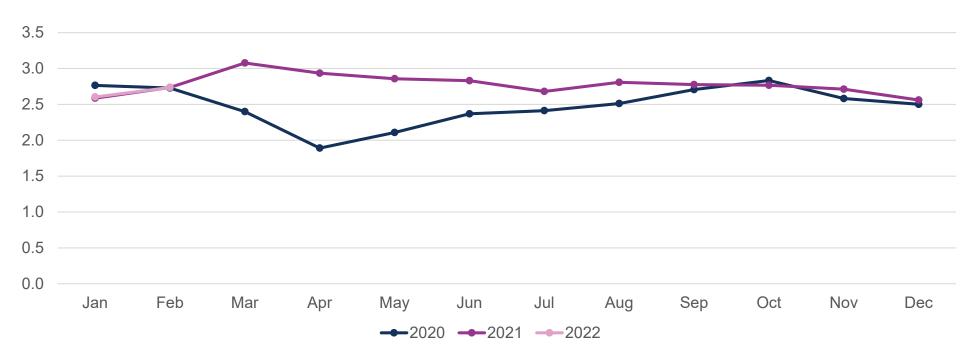
Non-Specialty Mental Health Visits By Location per 100,000 beneficiaries 0-20 years old



Mar 21 – Feb 22	Frontier	Rural	Urban	NA
Wai 21 1 65 22	3,967	4,585	5,908	2,777

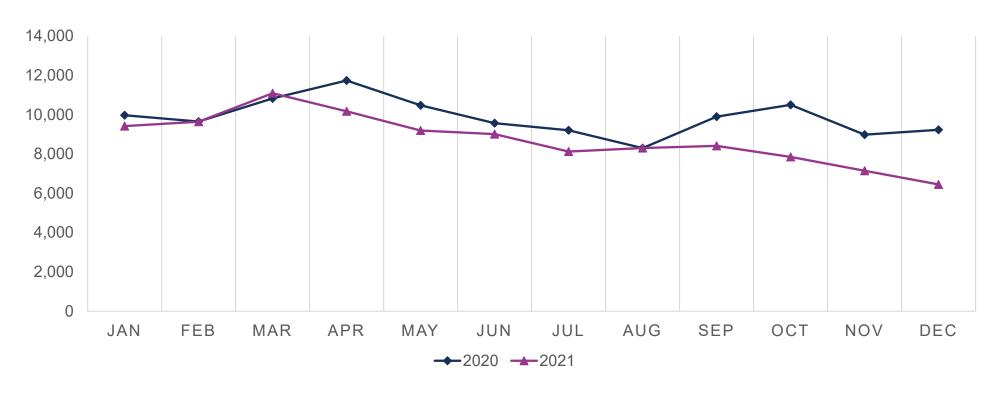
Non-Specialty Mental Health Penetration Rates

For beneficiaries 0-20 years old



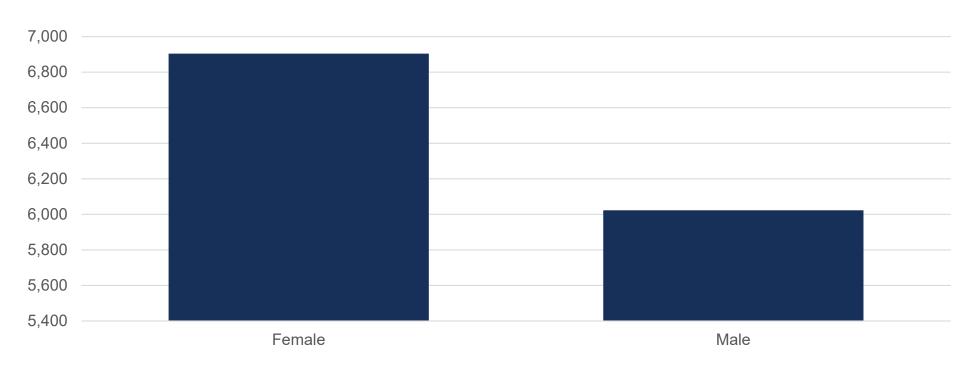
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	2.8	2.7	2.4	1.9	2.1	2.4	2.4	2.5	2.7	2.8	2.6	2.5
2021	2.6	2.7	3.1	2.9	2.9	2.8	2.7	2.8	2.8	2.8	2.7	2.6
2022	2.6	2.7										

Per 100,000 beneficiaries 0-20 years old



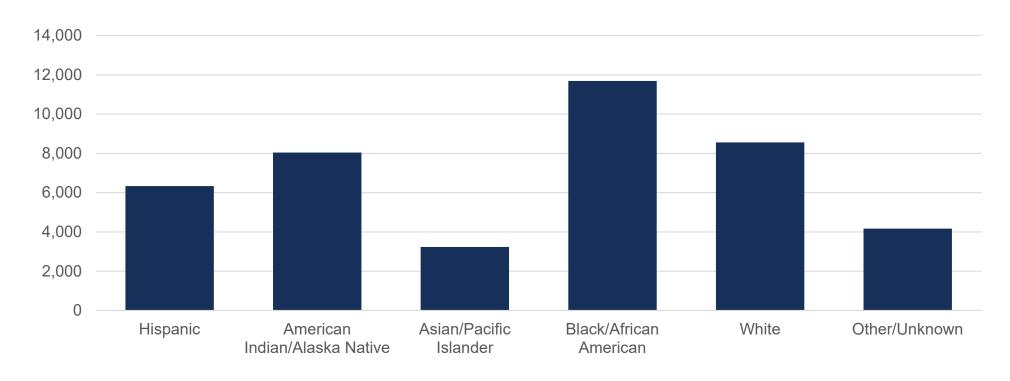
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	9,974	9,655	10,830	11,743	10,479	9,572	9,211	8,301	9,904	10,506	8,984	9,234
2021	9,421	9,646	11,095	10,174	9,196	9,014	8,127	8,308	8,417	7,852	7,149	6,455

By Sex per 100,000 beneficiaries 0-20 years old



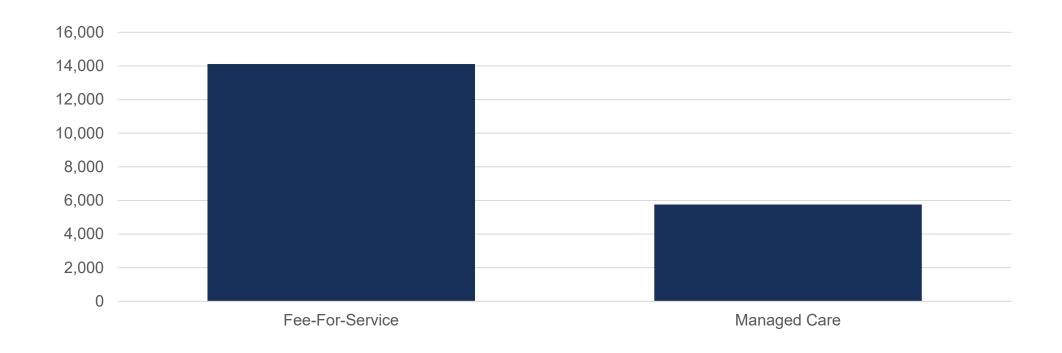
Jan 21 – Dec 21	Female	Male
	6,904	6,023

By Race/Ethnicity per 100,000 beneficiaries 0-20 years old



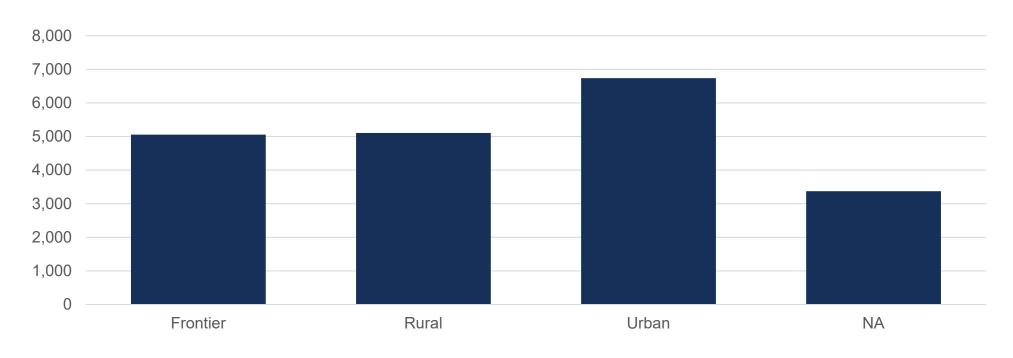
Jan 21 – Dec 21	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other/Unknown
	6,334	8,044	3,234	11,690	8,558	4,168

By Delivery System per 100,000 beneficiaries 0-20 years old



Jan 21 – Dec 21	Fee-For-Service	Managed Care
	14,116	5,759

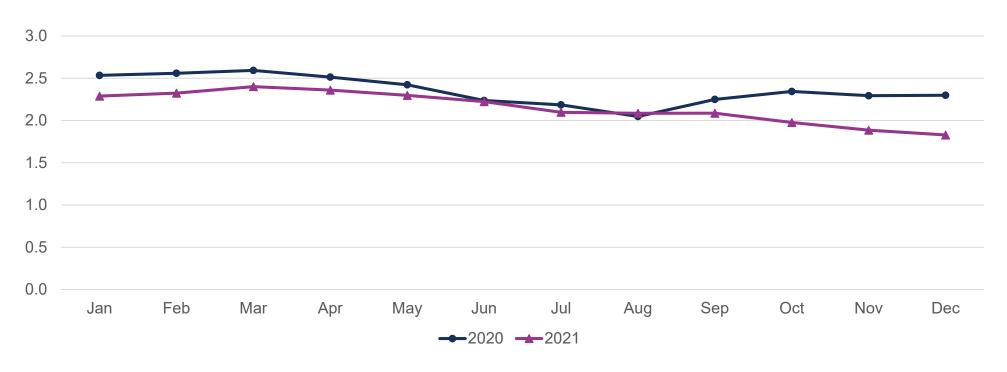
Specialty Mental Health VisitsBy Location per 100,000 beneficiaries 0-20 years old



Jan 21 – Dec 21	Frontier	Rural	Urban	NA	
	5,056	5,106	6,736	3,371	

Specialty Mental Health Penetration Rates

For beneficiaries 0-20 years old

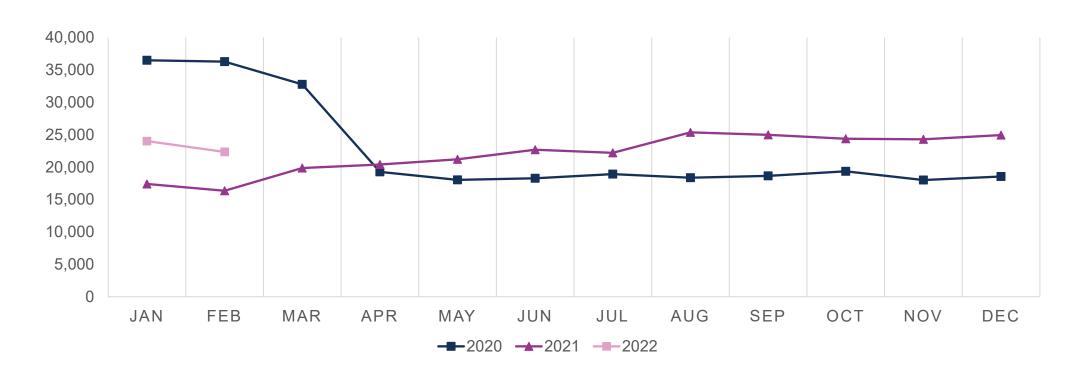


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	2.5	2.6	2.6	2.5	2.4	2.2	2.2	2.0	2.2	2.3	2.3	2.3
2021	2.3	2.3	2.4	2.4	2.3	2.2	2.1	2.1	2.1	2.0	1.9	1.8

Prescription Claims

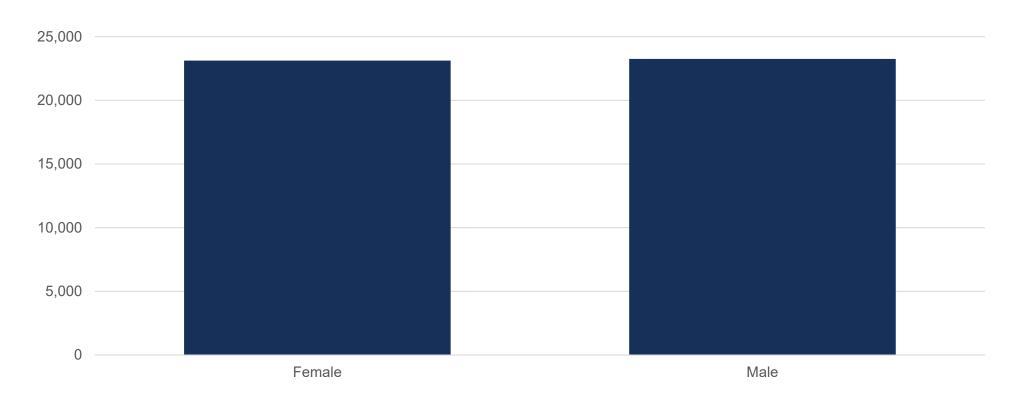
- » Data represent totals of prescriptions (claims), not individual people
- » Data only includes outpatient prescriptions
- » Source of data:
 - » MIS/DSS Claims and Eligibility
 - » Pharmacy Claims

Prescription Claims Per 100,000 beneficiaries 0-17 years old



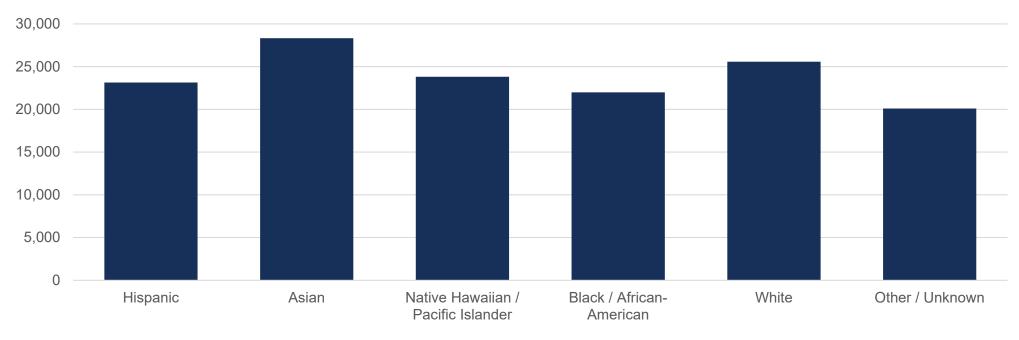
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	36,502	36,289	32,781	19,279	18,037	18,291	18,935	18,375	18,665	19,362	18,021	18,564
2021	17,416	16,362	19,867	20,412	21,218	22,702	22,213	25,370	24,996	24,388	24,296	24,962
2022	24,024	22,350										

Prescription Claims By Sex per 100,000 beneficiaries 0-17 years old



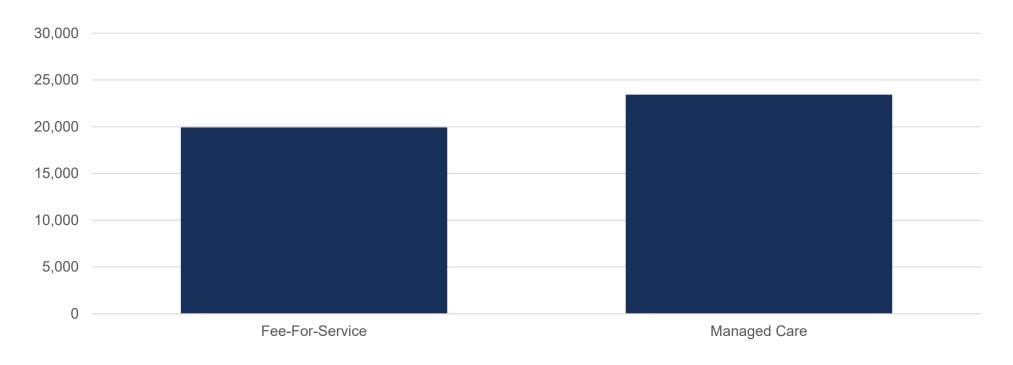
Mar 21 – Feb 22	Female	Male		
Mar 21 – Feb 22	23,116	23,254		

Prescription Claims By Race/Ethnicity per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Hispanic	Asian	Native Hawaiian / Pacific Islander	Black / African- American	White	Other / Unknown
	23,143	28,327	23,820	21,992	25,573	20,097

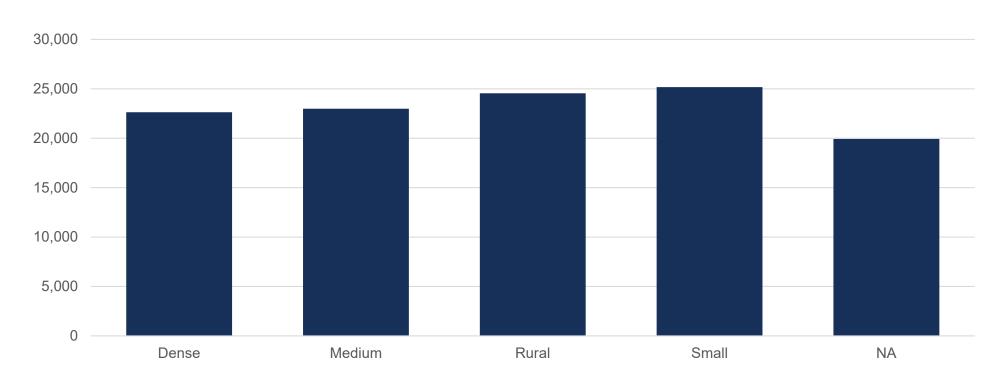
Prescription Claims By Delivery System per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Fee-For-Service	Managed Care
Wai 21 1 65 22	19,929	23,435

Prescription Claims

By Location per 100,000 beneficiaries 0-17 years old



Mar 21 – Feb 22	Dense	Medium	Rural	Small	NA	
	22,628	22,987	24,553	25,176	19,929	

Thank you!

For more information, see DHCS Data & Statistics Reports