



# COVID-19 Impact on Medi-Cal Utilization among Children in Foster Care

Reported through August 2022

# Understanding COVID-19 Impact on Children in Medi-Cal

- DHCS performs analysis and monitors 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

# 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

# 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

A decorative graphic consisting of several overlapping, wavy, horizontal bands in various shades of purple, ranging from a deep magenta to a light lavender. The bands flow across the width of the slide, creating a sense of movement and depth.

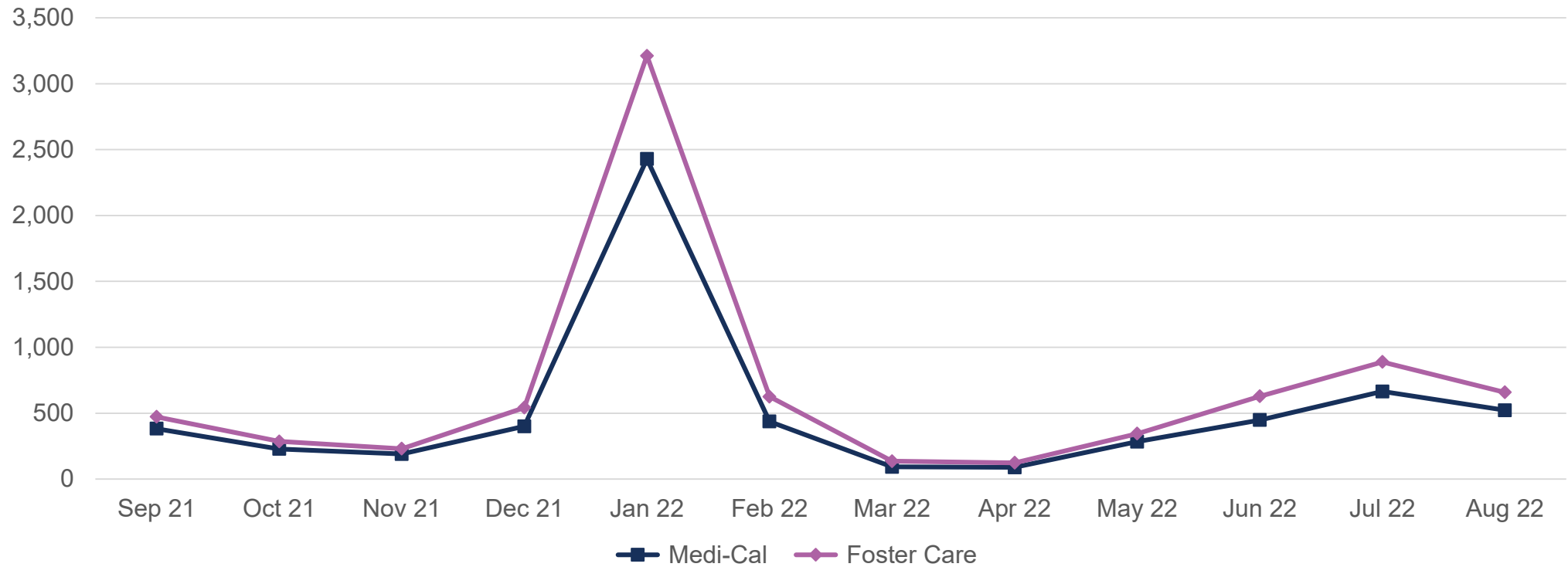
*Please refer to Slide 4 for consideration of claim lag time variations*

# COVID-19 Confirmed Cases

- » 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

# COVID-19 Confirmed Cases

Per 100,000 beneficiaries 0-17 years old in Medi-Cal vs in Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Medi-Cal	382	228	190	400	2,429	436	92	89	284	448	664	522
Foster Care	472	286	231	542	3,212	625	136	123	345	628	889	658

# COVID-19 Confirmed Cases

By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care

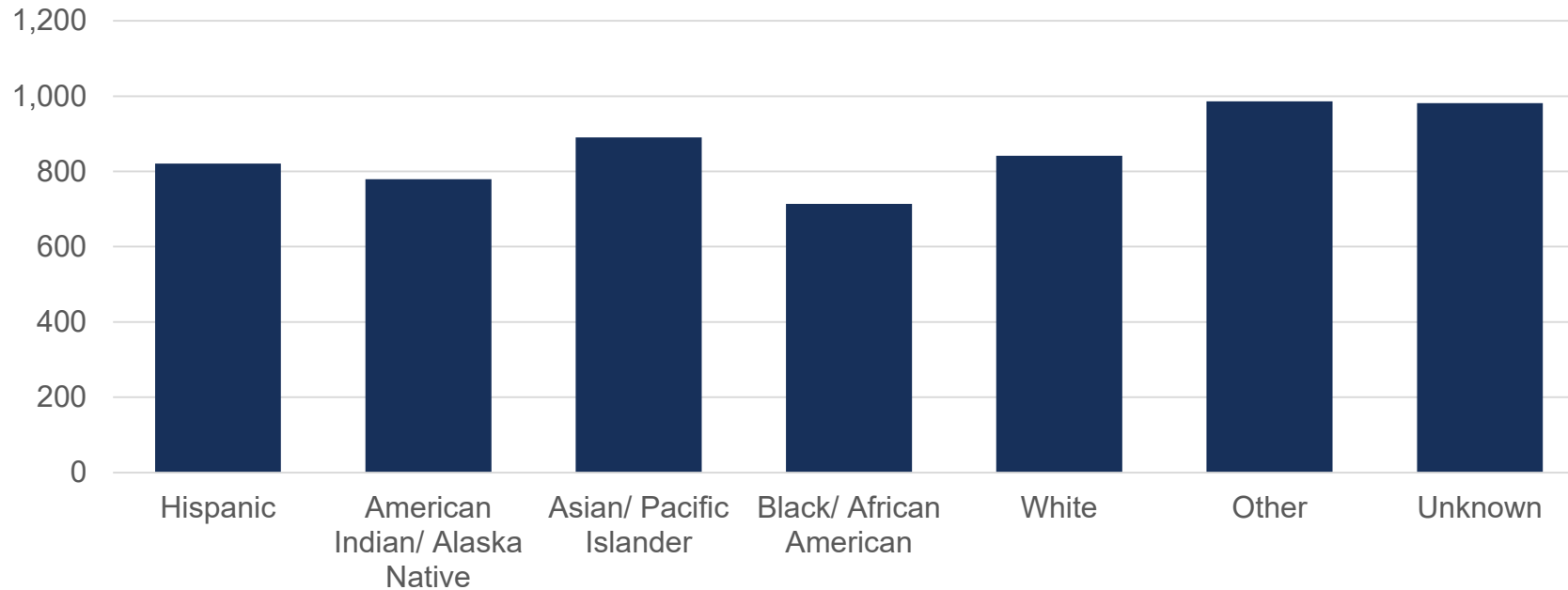


Sep-21 – Aug-22	Female	Male
	853	811



# COVID-19 Confirmed Cases

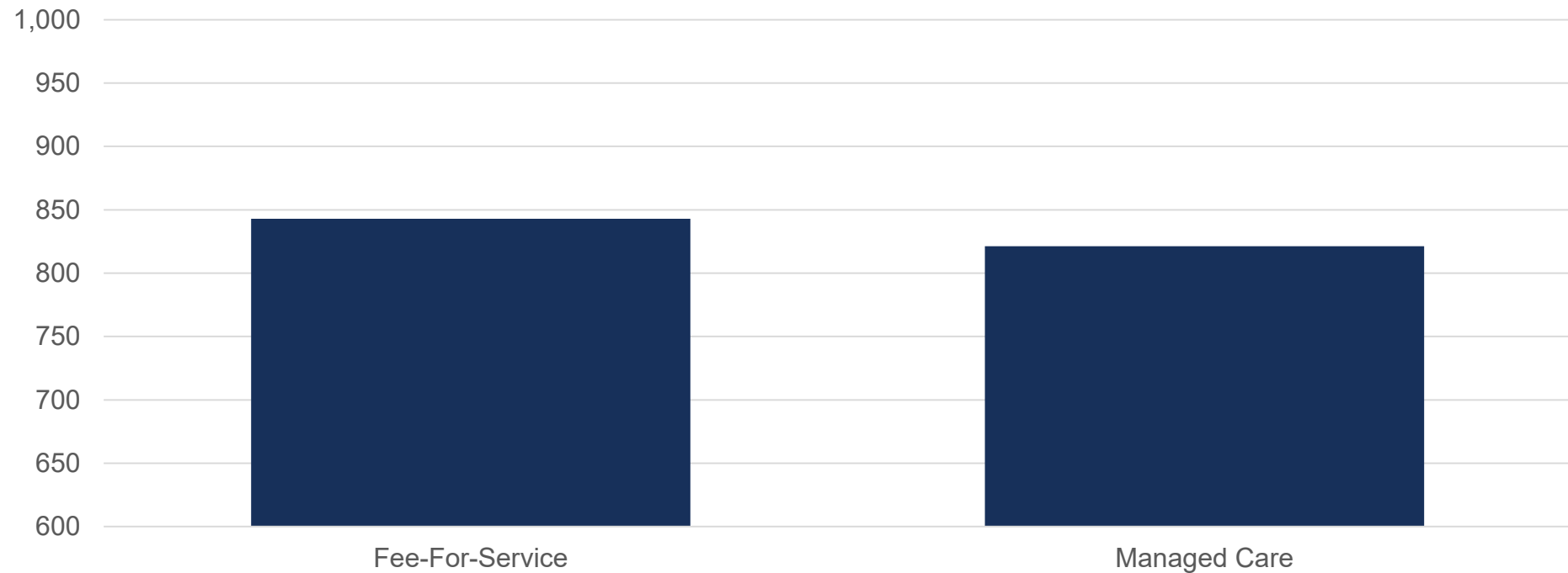
By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	821	779	890	714	842	986	981

# COVID-19 Confirmed Cases

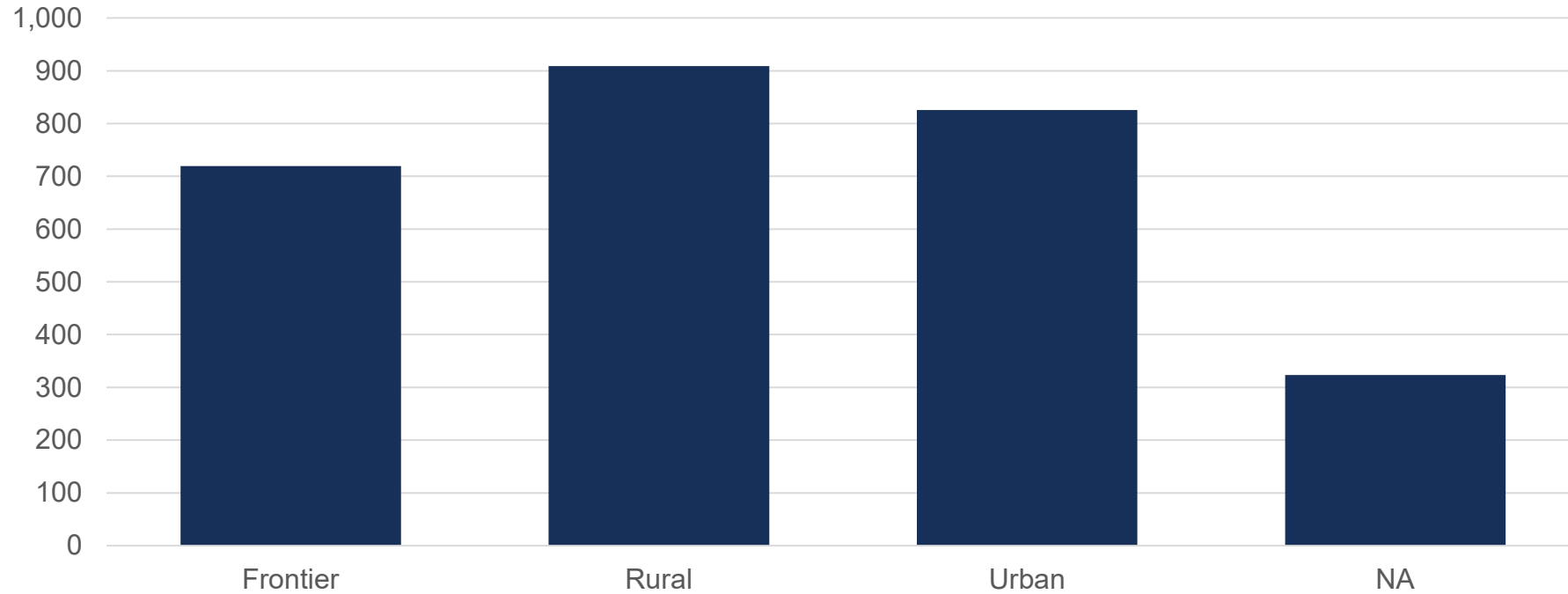
By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Fee-For-Service	Managed Care
	843	821

# COVID-19 Confirmed Cases

By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



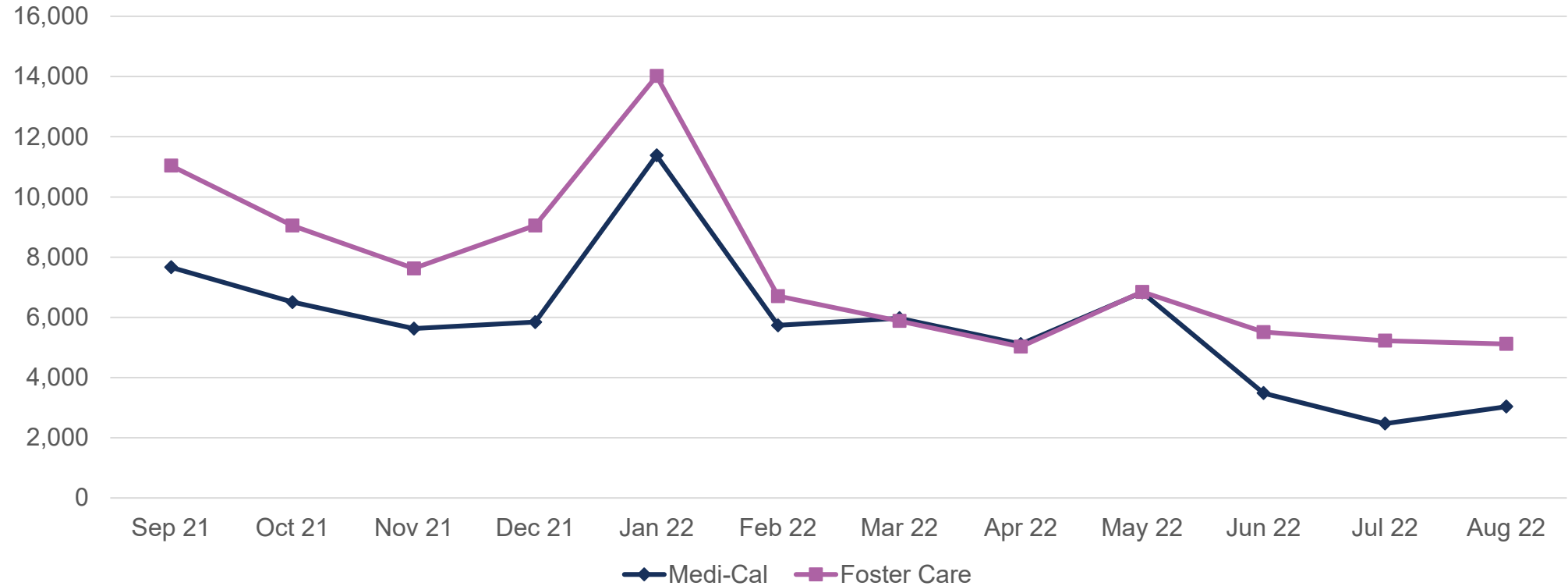
Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	719	909	826	324

# COVID-19 Testing

- » Total number of COVID-19 tests by month tested for beneficiaries 0-17 years old in Foster Care
- » 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
  - » California ("total population") Cases: CDPH CalREDIE, California Open Data Portal

# COVID-19 Testing

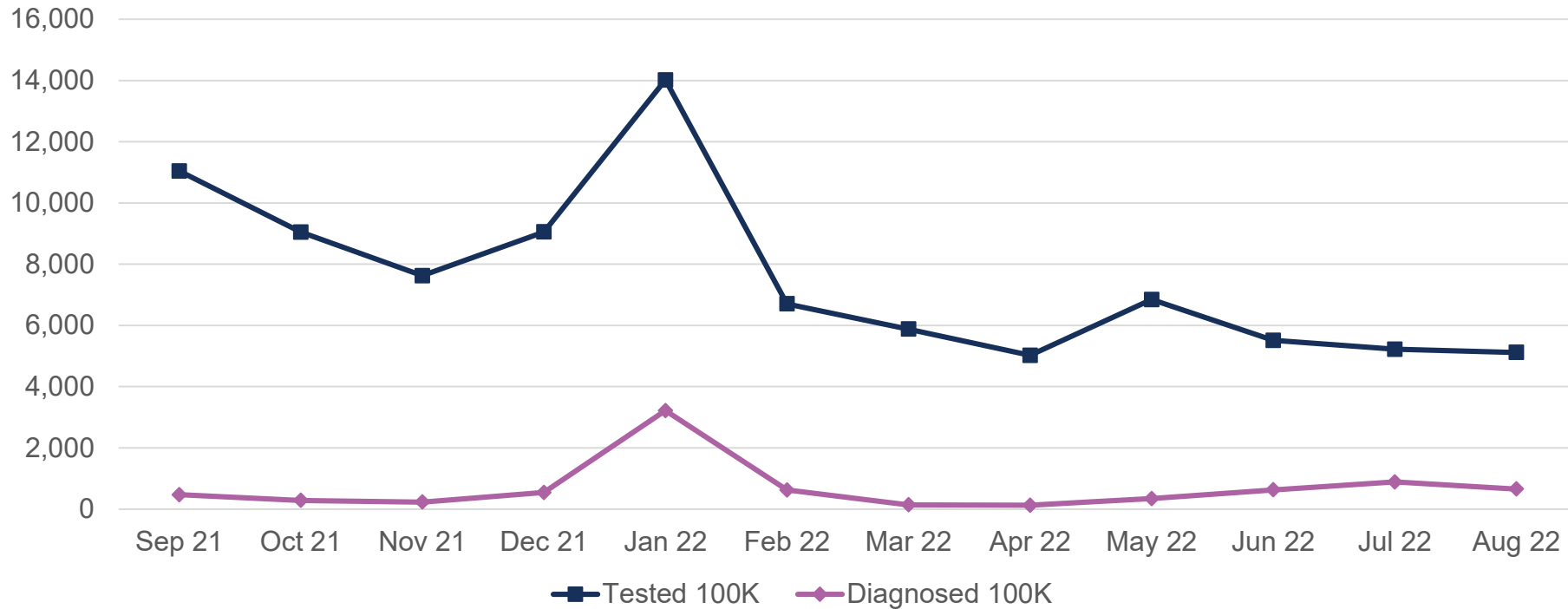
Per 100,000 beneficiaries 0-17 years old in Medi-Cal vs Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Medi-Cal	7,664	6,505	5,625	5,842	11,379	5,735	5,971	5,111	6,829	3,484	2,472	3,034
Foster Care	11,042	9,049	7,625	9,054	14,018	6,703	5,878	5,024	6,845	5,512	5,223	5,117

# COVID-19 Testing Compared to Confirmed Cases

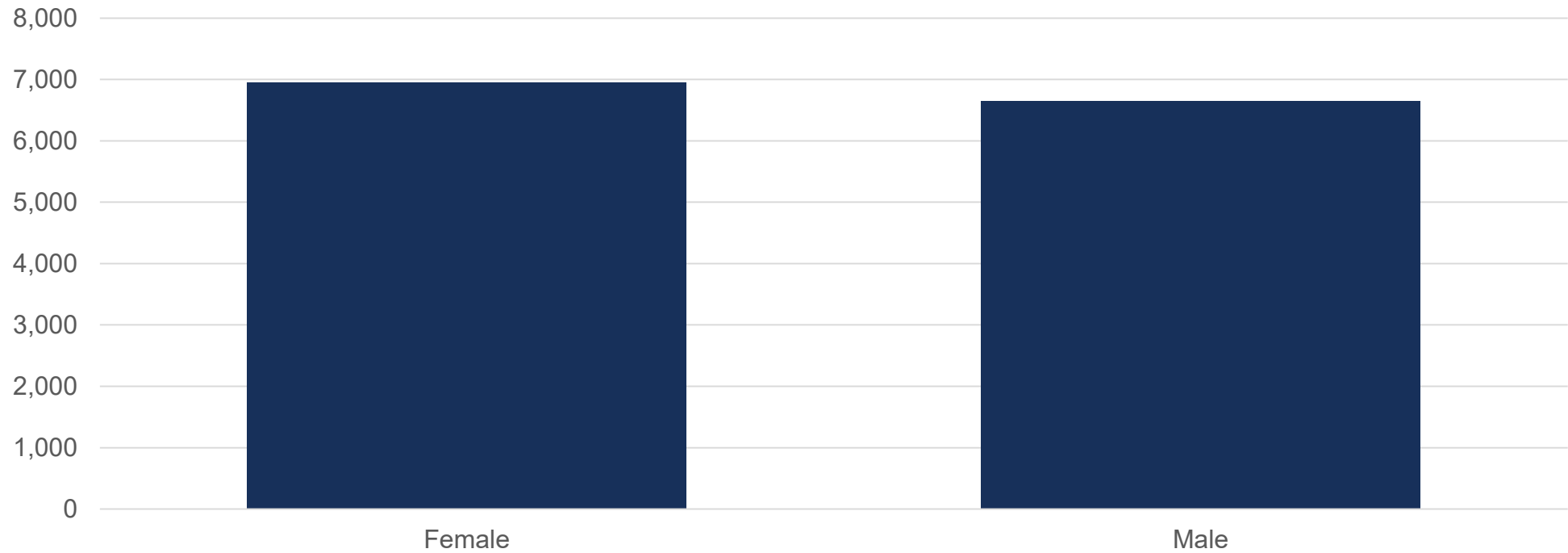
## Per 100,000 beneficiaries 0-17 years old in Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
<b>Tested 100K</b>	11,042	9,049	7,625	9,054	14,018	6,703	5,878	5,024	6,845	5,512	5,223	5,117
<b>Diagnosed 100K</b>	472	286	230	541	3,217	627	138	126	344	627	887	657

# COVID-19 Testing

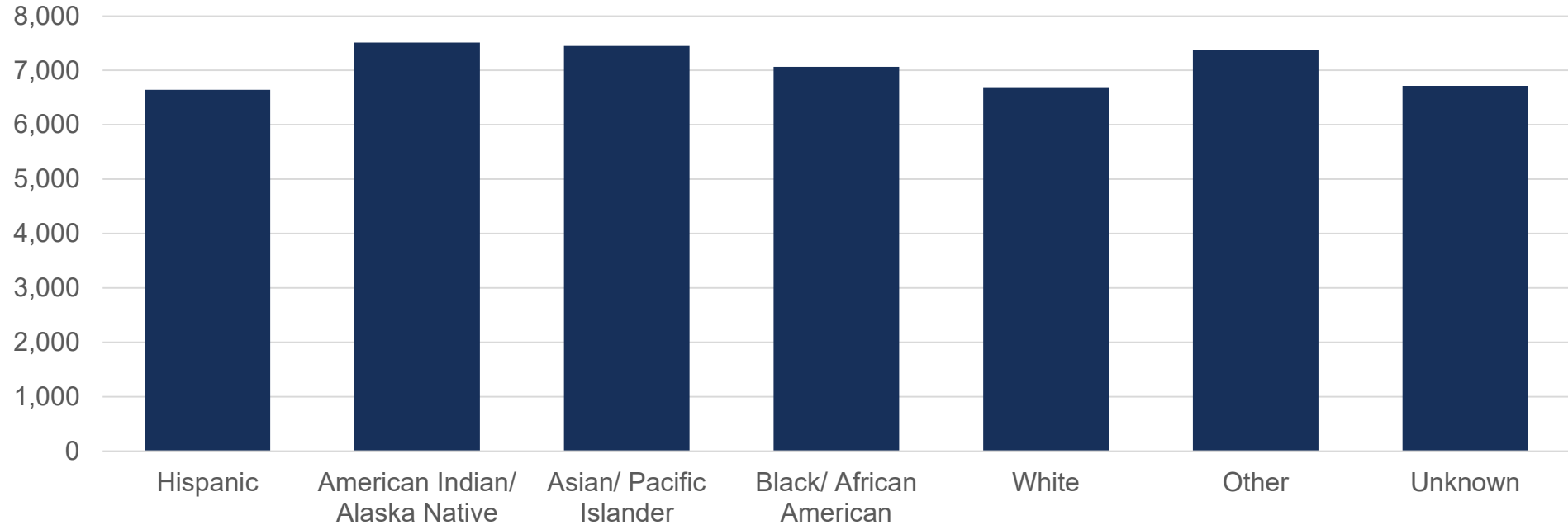
By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Female	Male
	6,959	6,653

# COVID-19 Testing

By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care

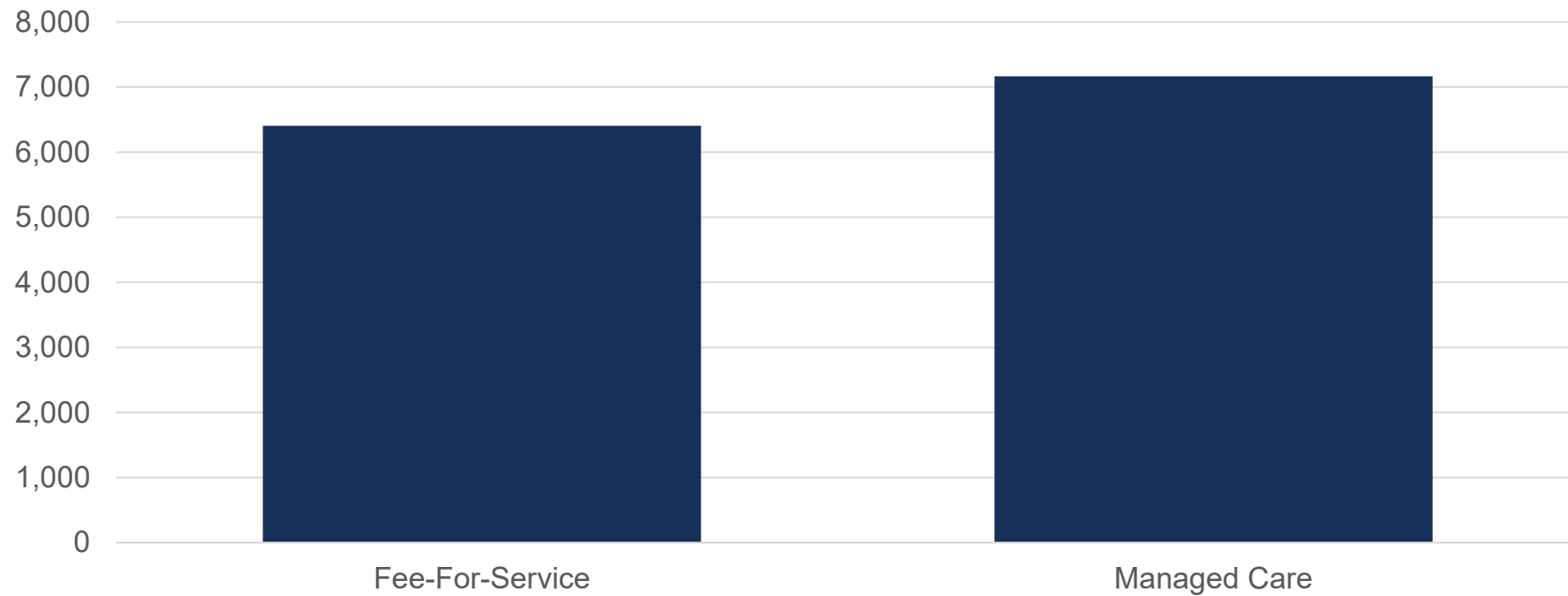


Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	6,643	7,510	7,448	7,067	6,689	7,376	6,717



# COVID-19 Testing

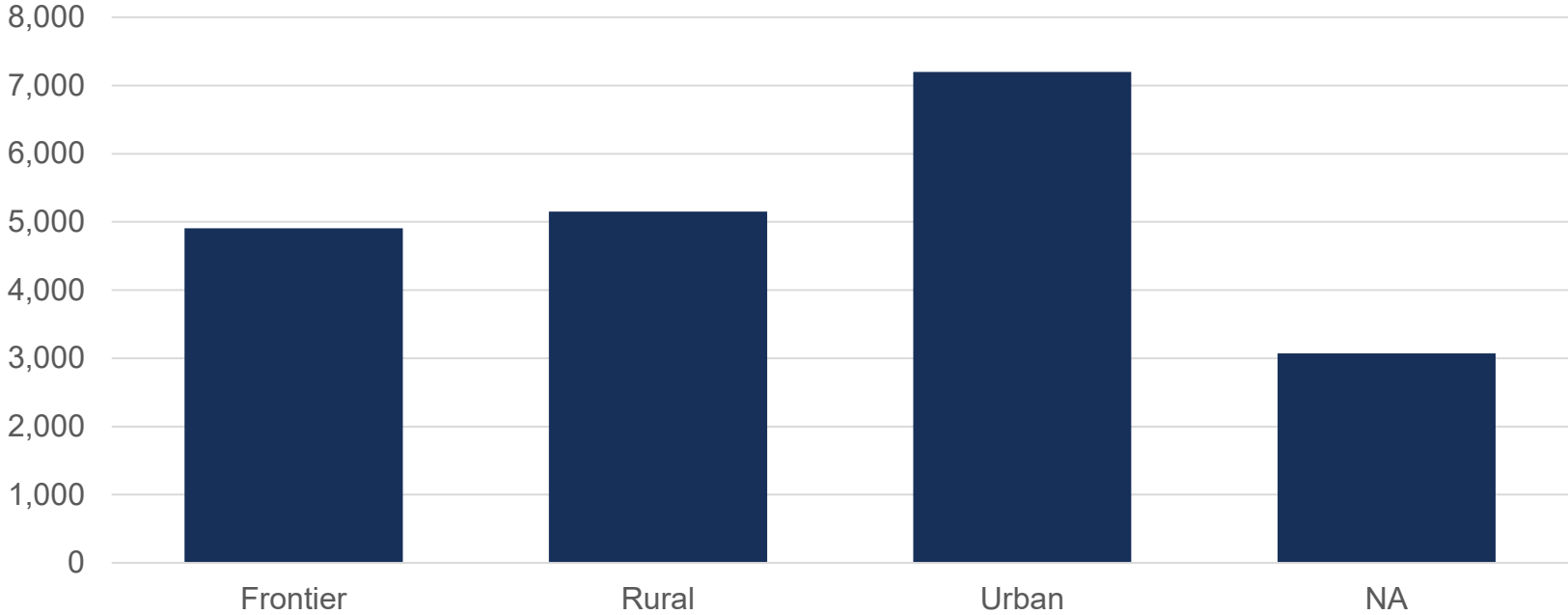
By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Fee-For-Service	Managed Care
	6,405	7,164

# COVID-19 Testing

By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	4,909	5,150	7,200	3,074

# COVID-19 Hospitalizations

- » Hospitalizations can be 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 2019 (Pre-COVID) 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 Hospitalizations

Per 100,000 beneficiaries 0-17 years old in Foster Care

» This Line Graph has been suppressed due to de-identification guidelines.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	0	*	0	*	12	*	21	14	12	*	22	40
2021	18	15	*	*	*	*	*	16	21	11	*	16
2022	97	25	14	*	*	31	23					

\* - Counts less than 11 have been suppressed to meet de-identification guidelines.

# COVID-19 Hospitalizations

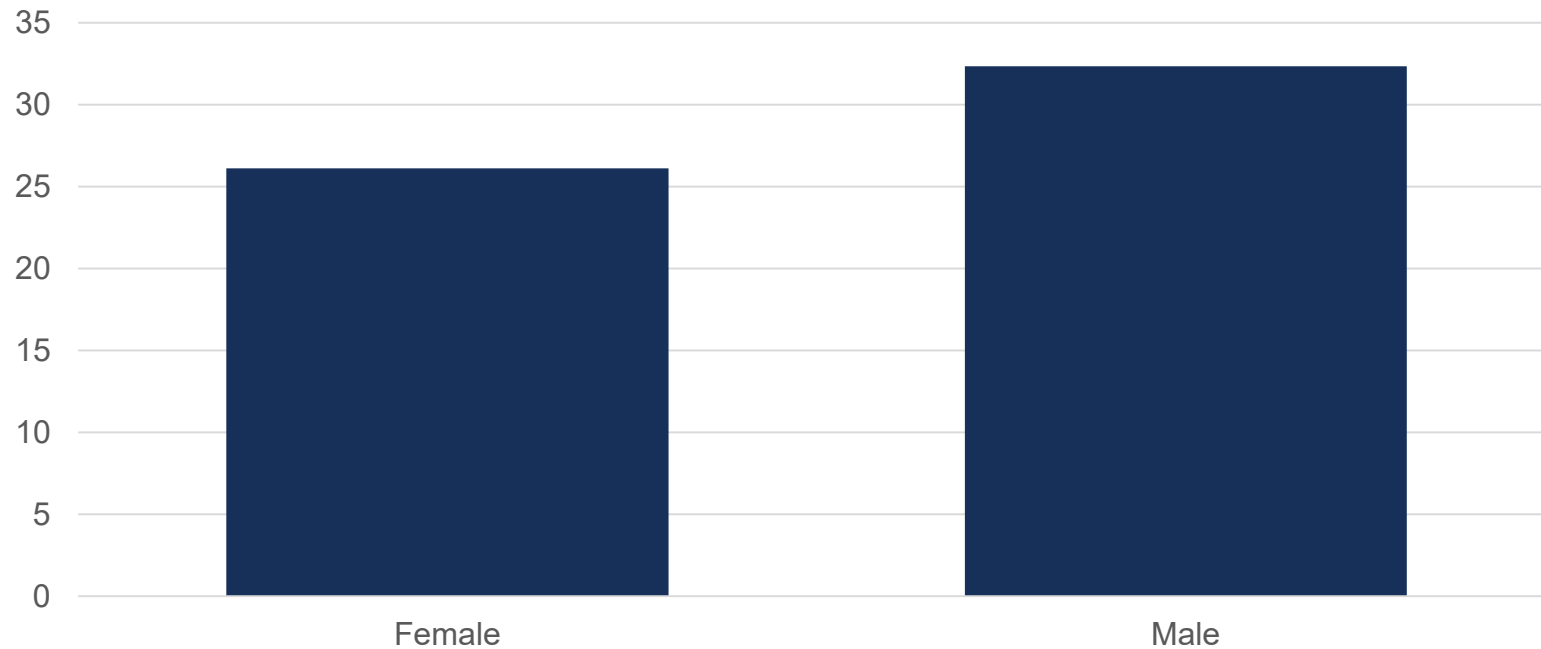
Percent of Hospitalizations Per 100,000 beneficiaries 0-17 years old in Foster Care

» Line Graph has been suppressed to meet de-identification guidelines.

Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22
4.3%	4.3%	*	*	*	22.9%	6.7%	*	*	*	8.1%	6.8%

# COVID-19 Hospitalizations

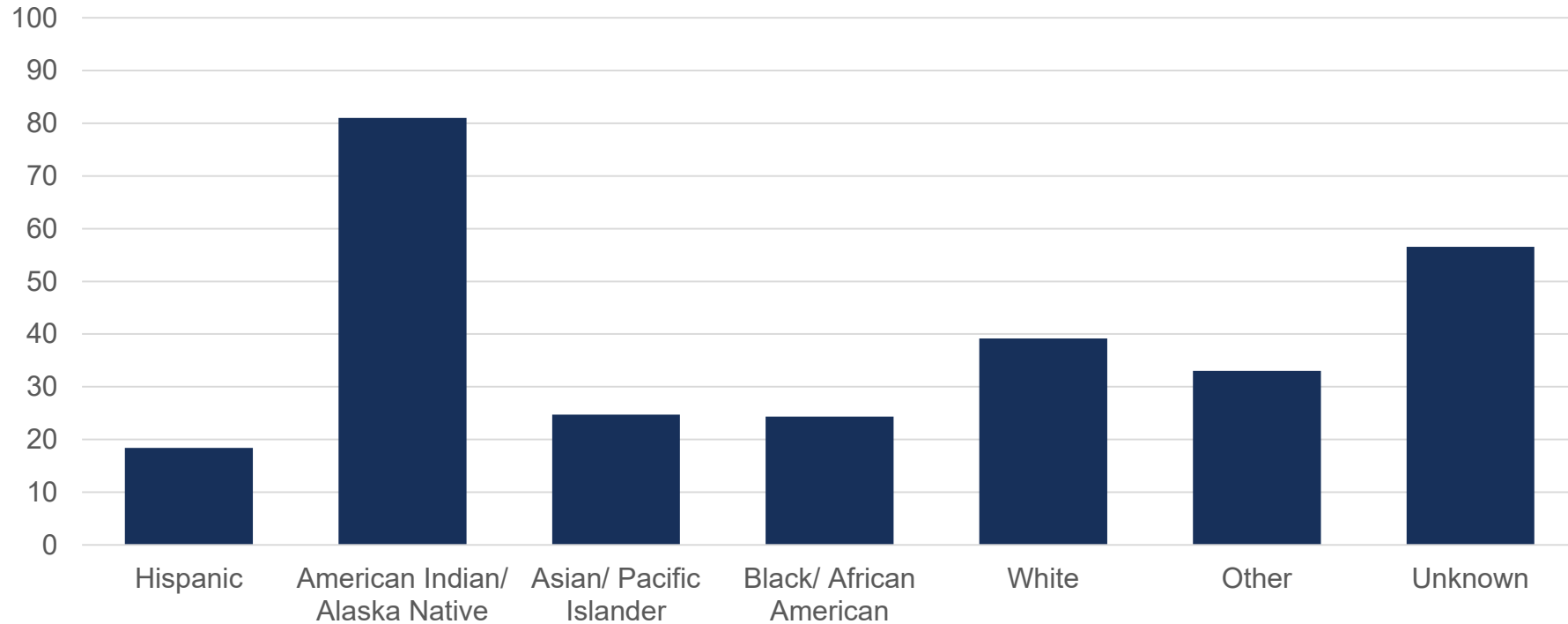
By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Female	Male
	26	32

# COVID-19 Hospitalizations

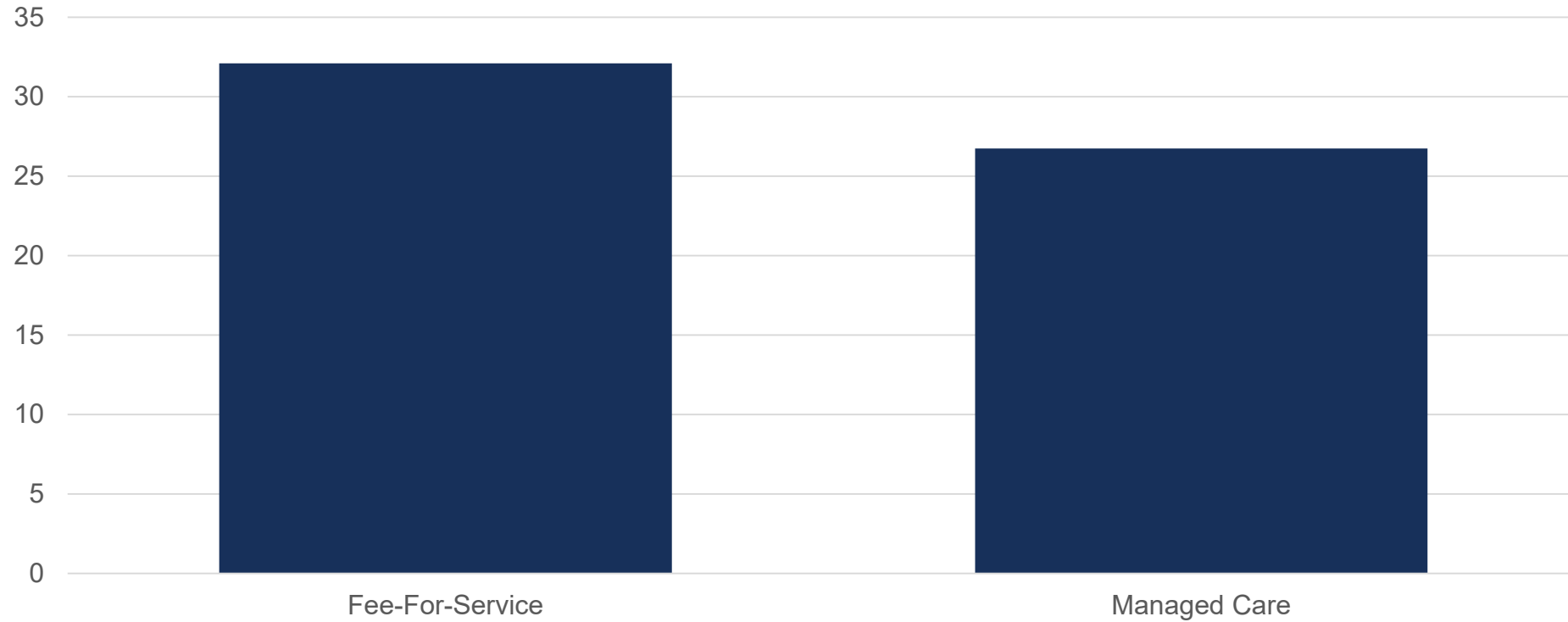
By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	18	81	25	24	39	33	57

# COVID-19 Hospitalizations

By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care

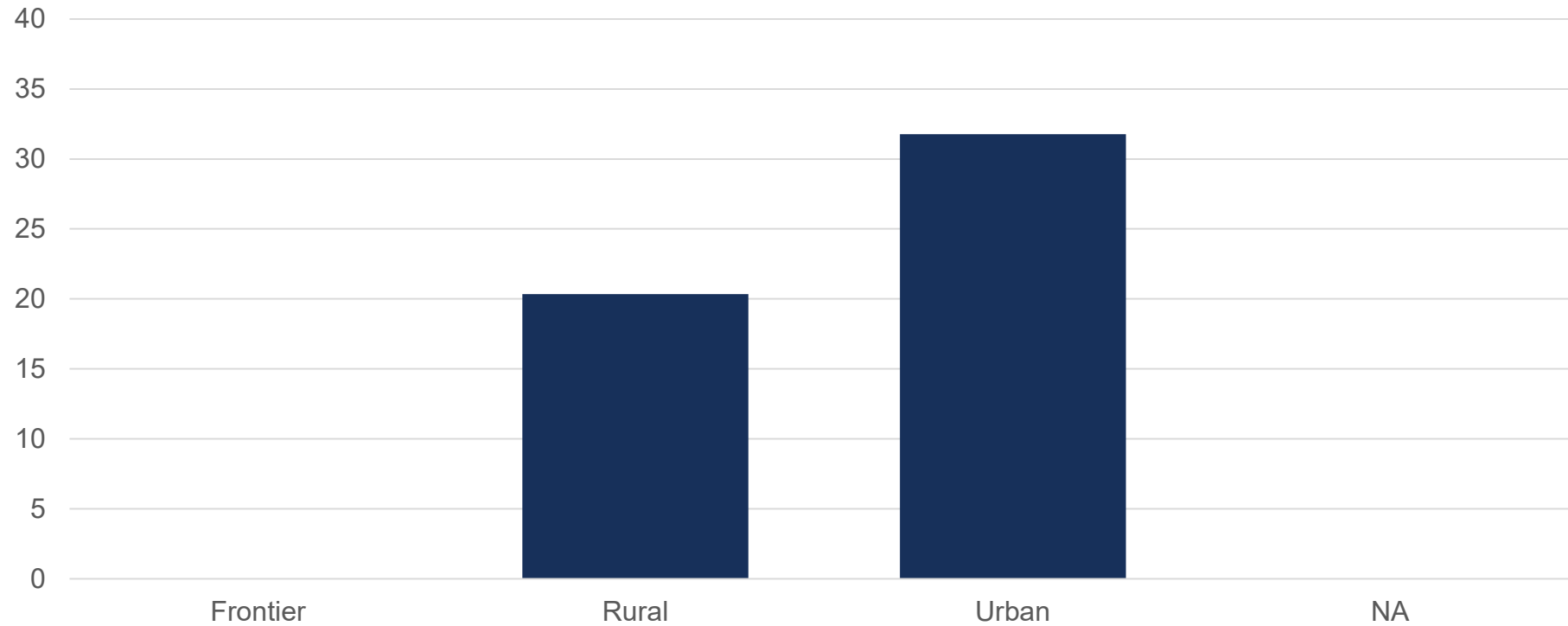


Aug-21 – Jul-22	Fee-For-Service	Managed Care
	32	27



# COVID-19 Hospitalizations

By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Frontier	Rural	Urban	NA
	0	20	32	0

# Utilization of Services Prior to and During the Pandemic

A decorative graphic consisting of several overlapping, wavy, horizontal bands in various shades of purple, ranging from a deep magenta to a light lavender. The bands flow across the width of the slide, creating a sense of movement and depth.

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

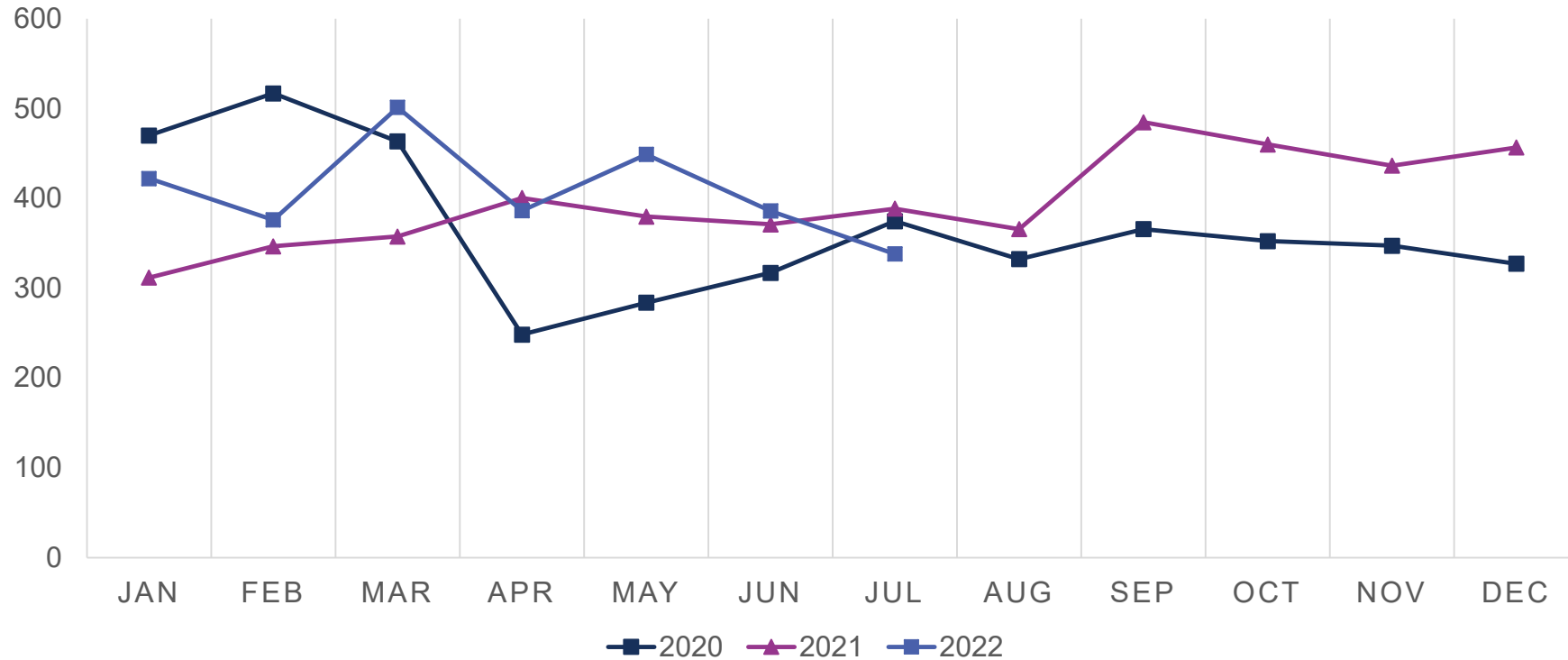
# Medi-Cal Utilization of Services During the Pandemic Response

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
- » Beneficiaries with Dental Visits
- » Mental Health Visits

# Hospitalizations

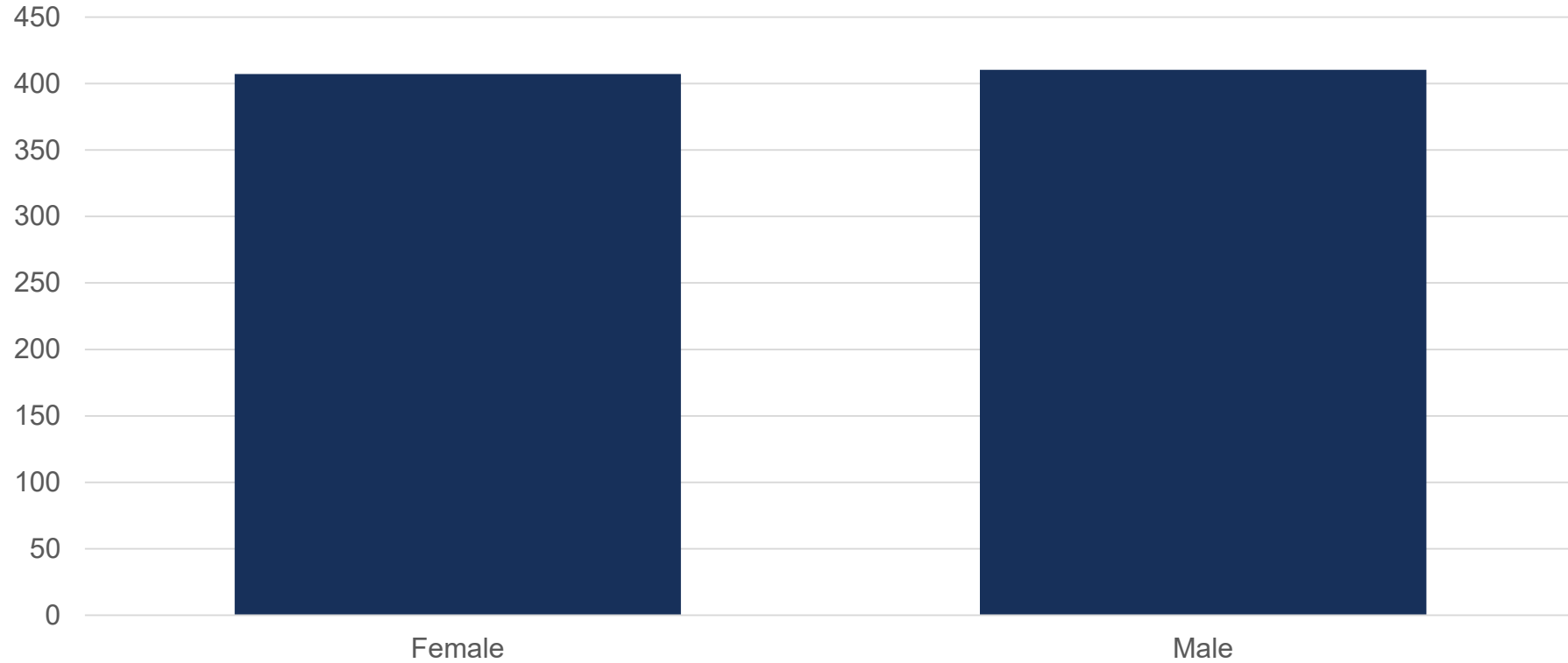
Per 100,000 beneficiaries 0-17 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	470	517	463	248	284	317	375	332	366	352	347	327
2021	312	346	358	400	380	371	389	366	485	460	436	457
2022	422	376	501	386	449	386	338					

# Hospitalizations

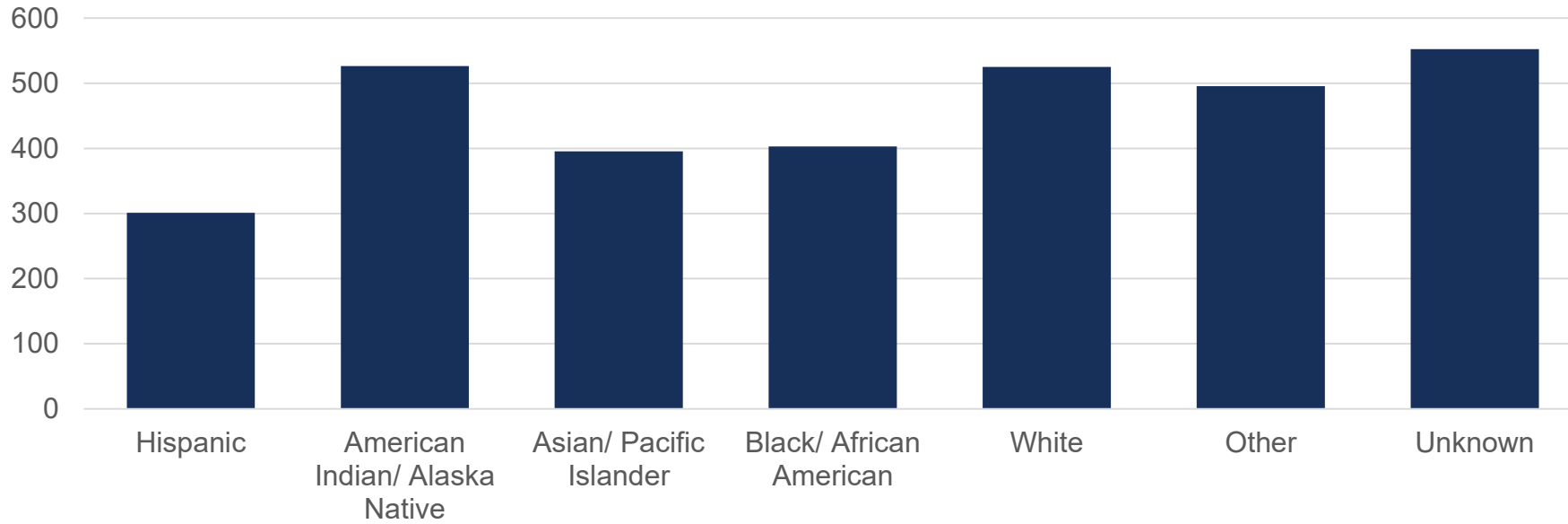
By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Female	Male
	407	410

# Hospitalizations

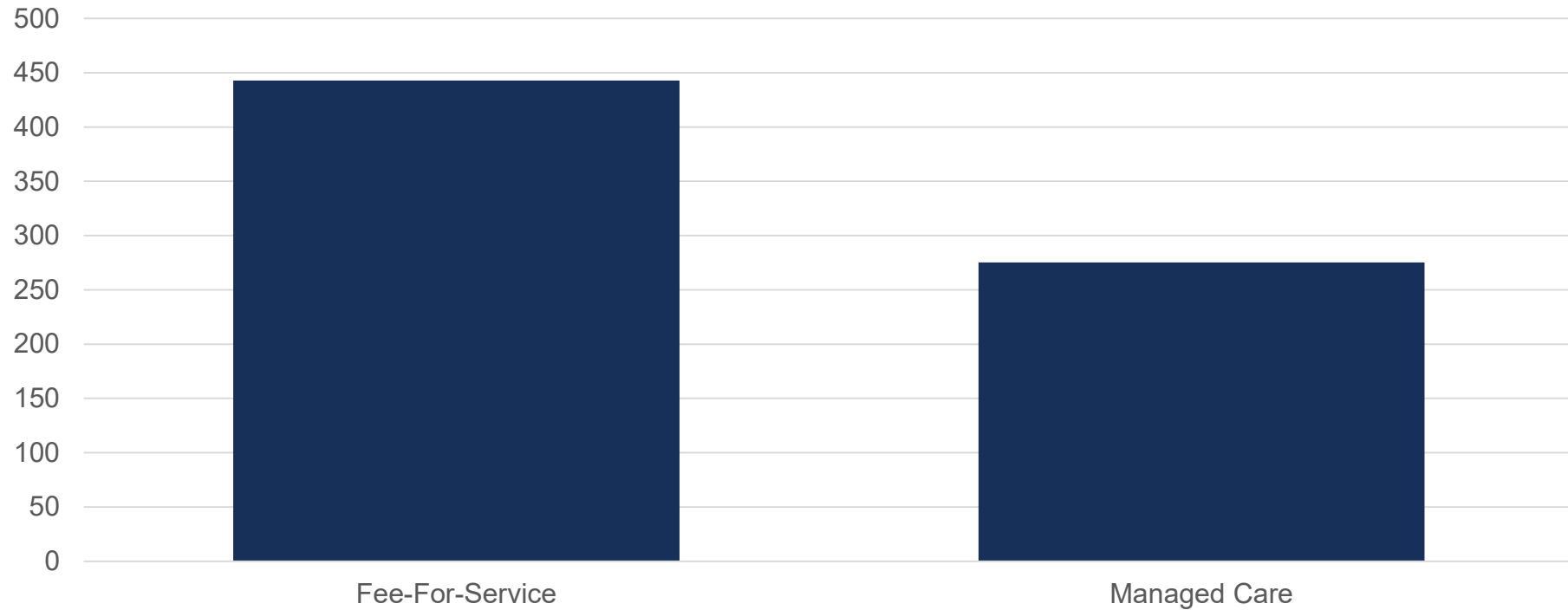
By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	301	527	396	403	525	495	553

# Hospitalizations

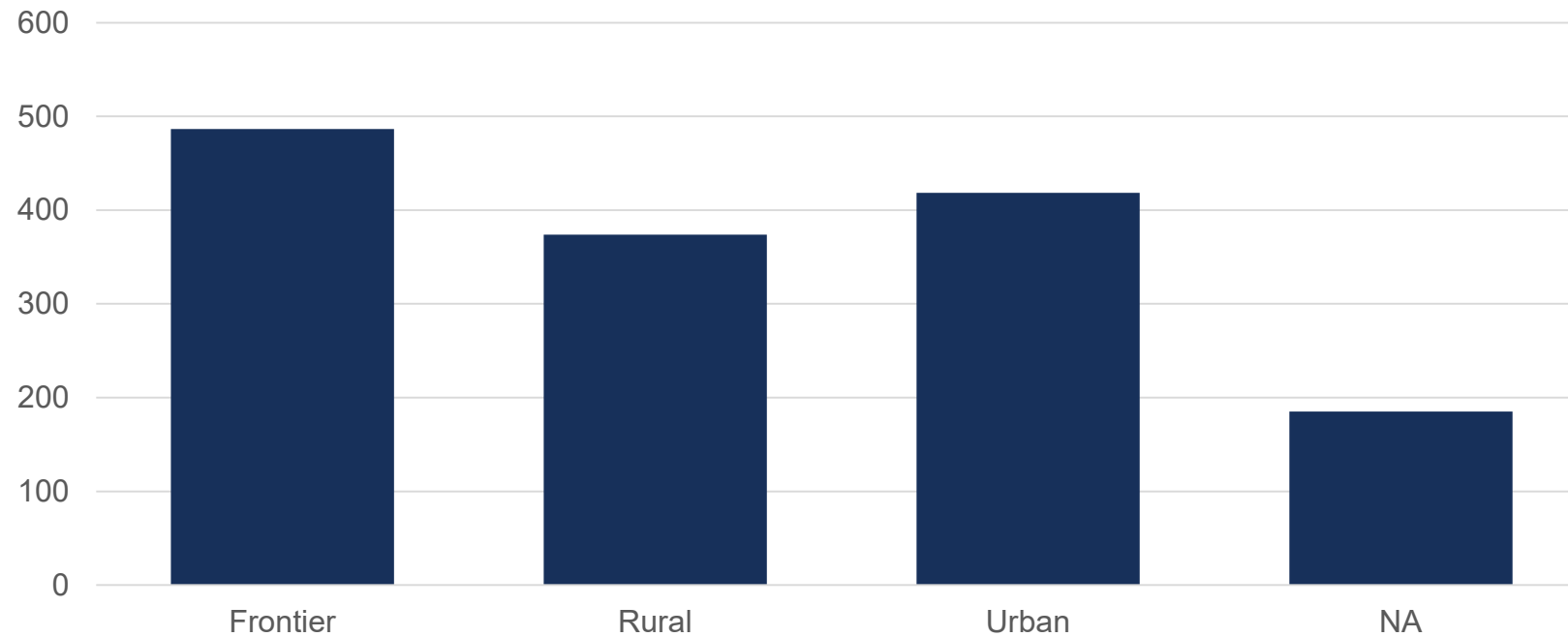
By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Fee-For-Service	Managed Care
	443	275

# Hospitalizations

By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



Aug-21 – Jul-22	Frontier	Rural	Urban	NA
	487	374	418	185

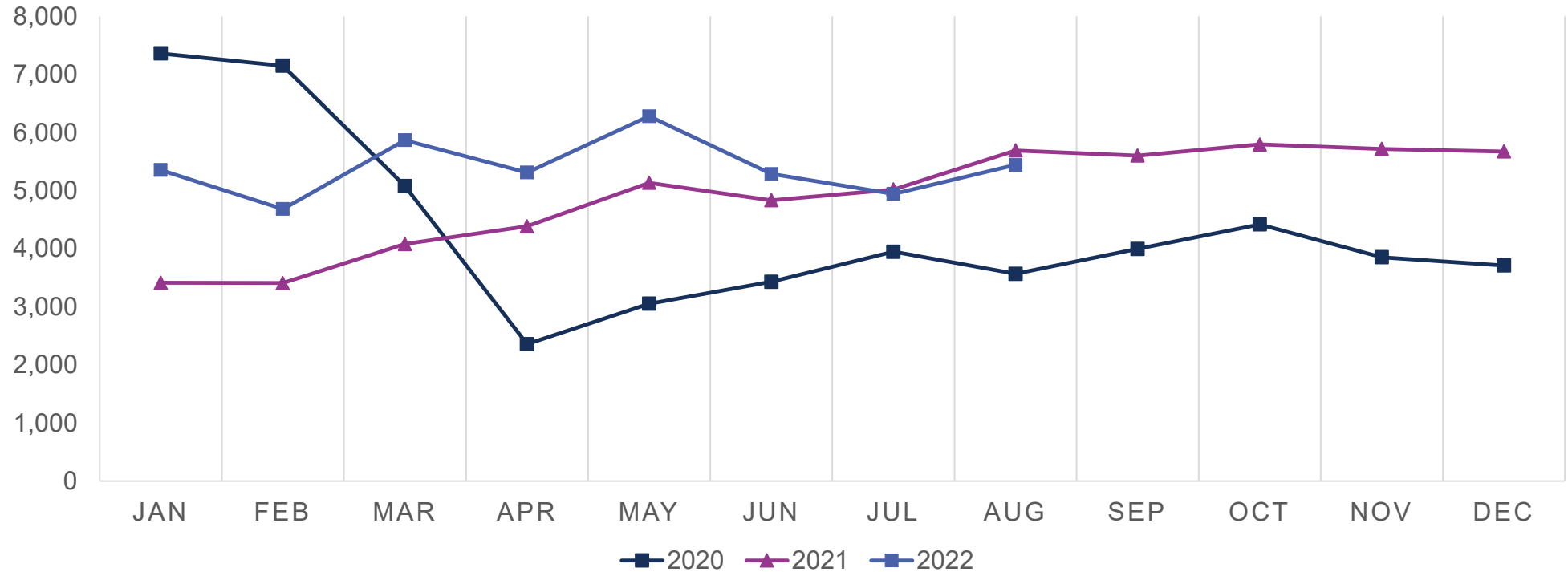


# Emergency Department Visits

- » Total number Emergency Department visits including those related to COVID-19 among beneficiaries 0-17 years old in Foster Care
- » 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

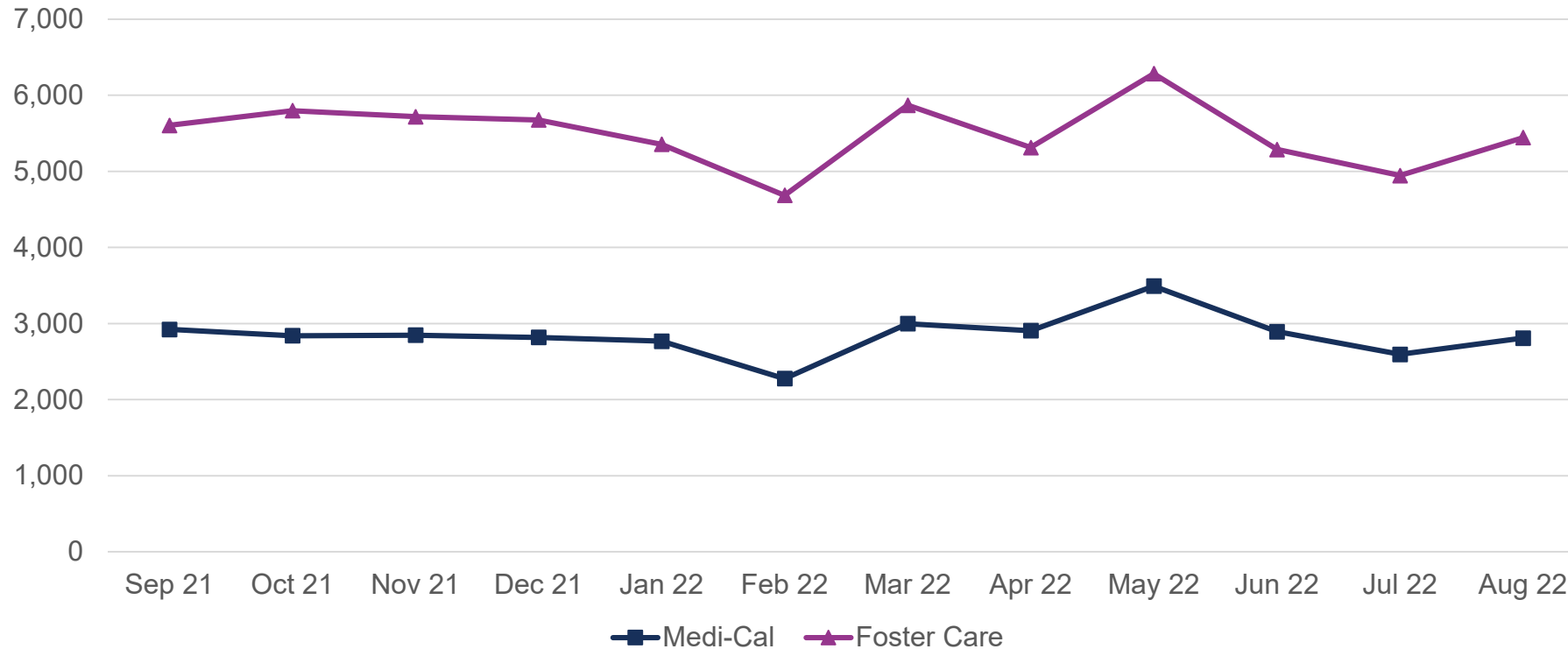
## Per 100,000 beneficiaries 0-17 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	7,364	7,151	5,080	2,357	3,052	3,430	3,949	3,568	3,997	4,420	3,854	3,712
2021	3,414	3,409	4,081	4,387	5,136	4,834	5,020	5,692	5,603	5,797	5,719	5,675
2022	5,355	4,684	5,870	5,312	6,284	5,288	4,946	5,444				

# Emergency Department Visits

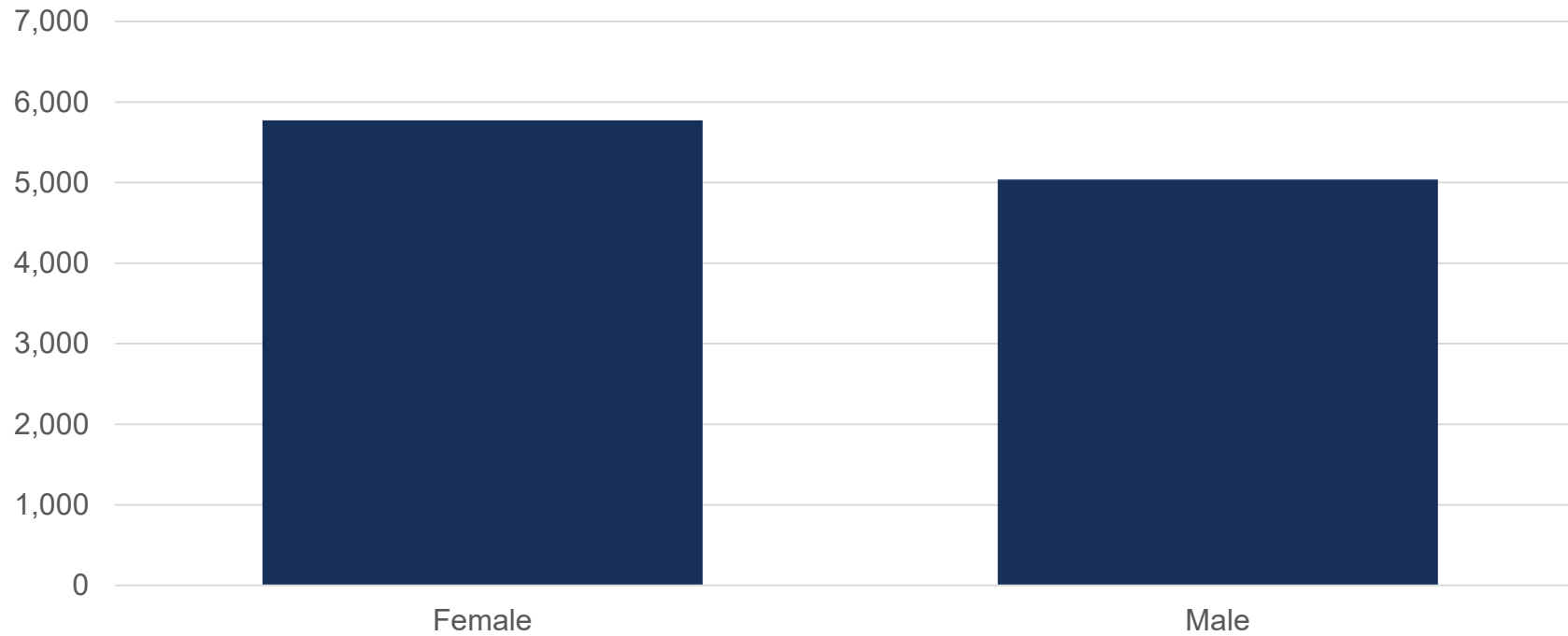
## Per 100,000 0-17 years old beneficiaries in Medi-Cal vs Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Medi-Cal	2,923	2,840	2,847	2,817	2,768	2,276	2,998	2,906	3,492	2,894	2,595	2,808
Foster Care	5,603	5,797	5,719	5,675	5,355	4,684	5,870	5,312	6,284	5,288	4,946	5,444

# Emergency Department Visits

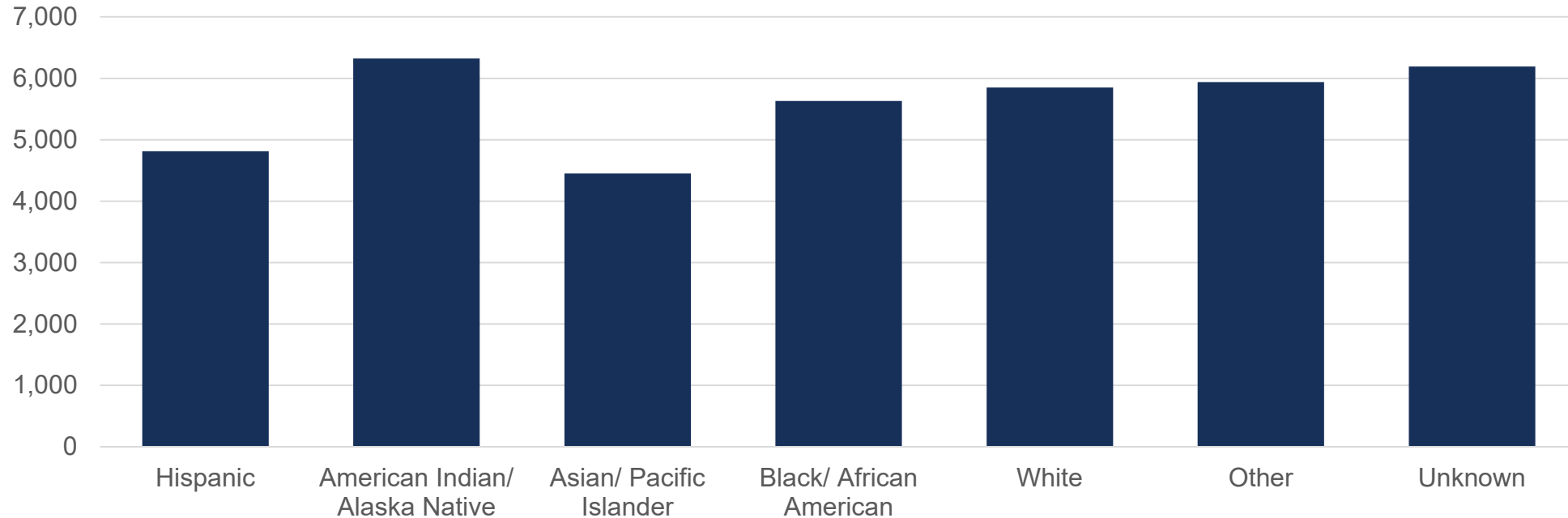
## By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Female	Male
	5,772	5,038

# Emergency Department Visits

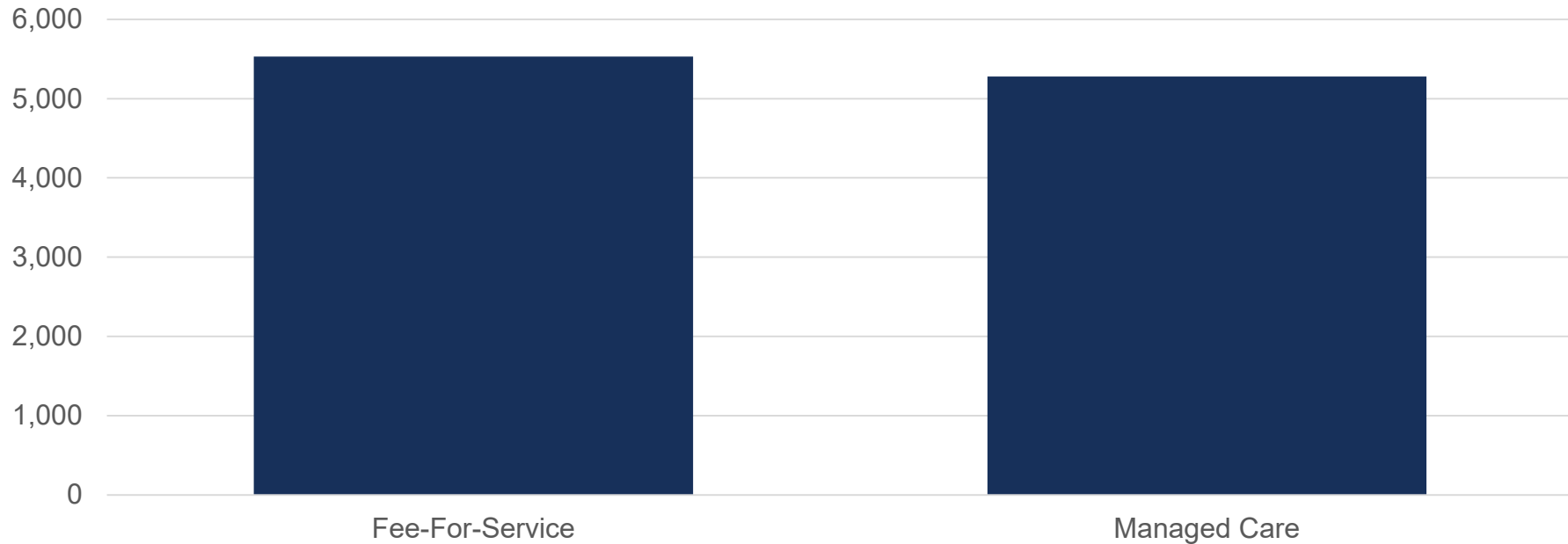
By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	4,813	6,323	4,451	5,629	5,849	5,940	6,191

# Emergency Department Visits

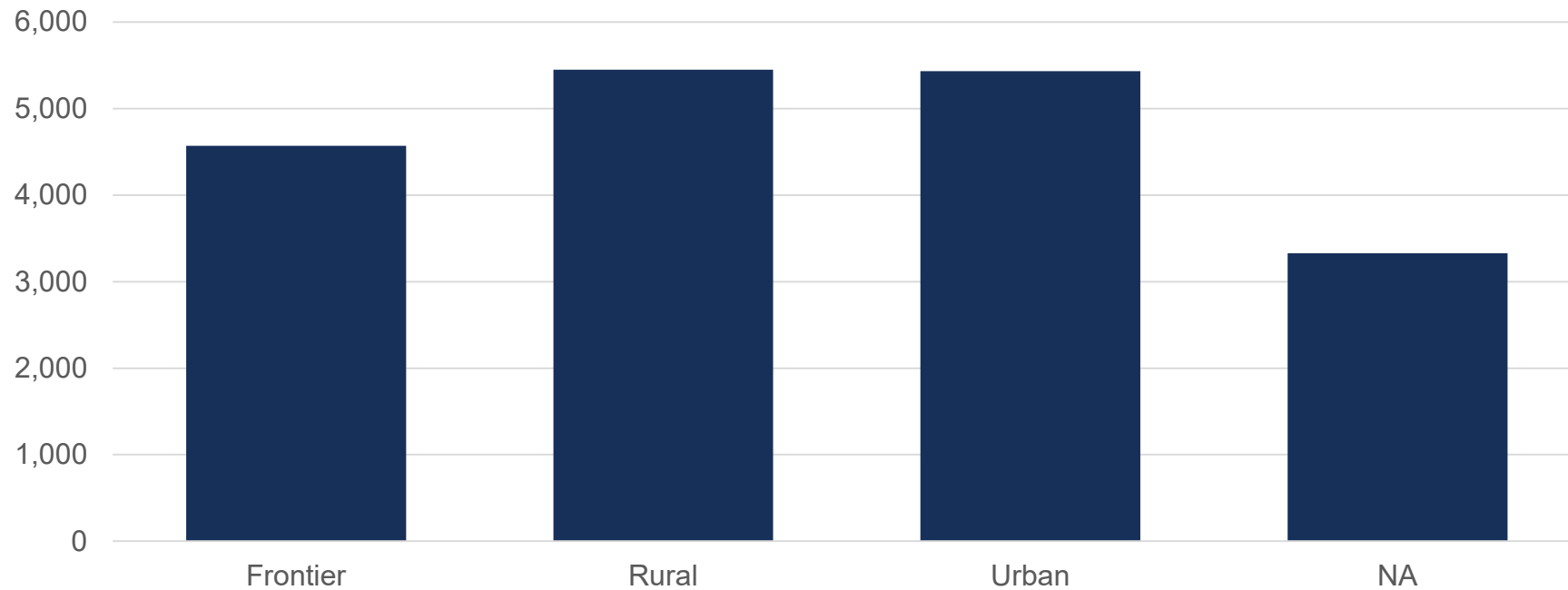
By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Fee-For-Service	Managed Care
	5,529	5,281

# Emergency Department Visits

## By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	4,569	5,447	5,431	3,329

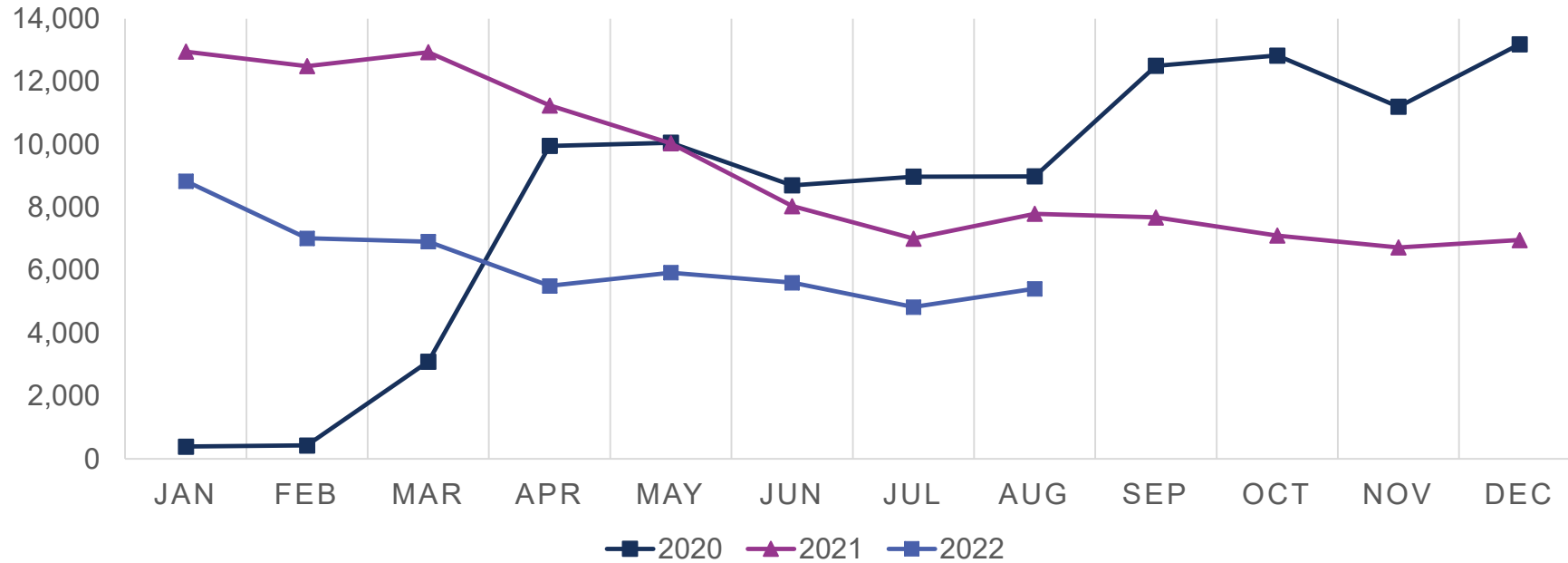
# Telehealth Visits

- » 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

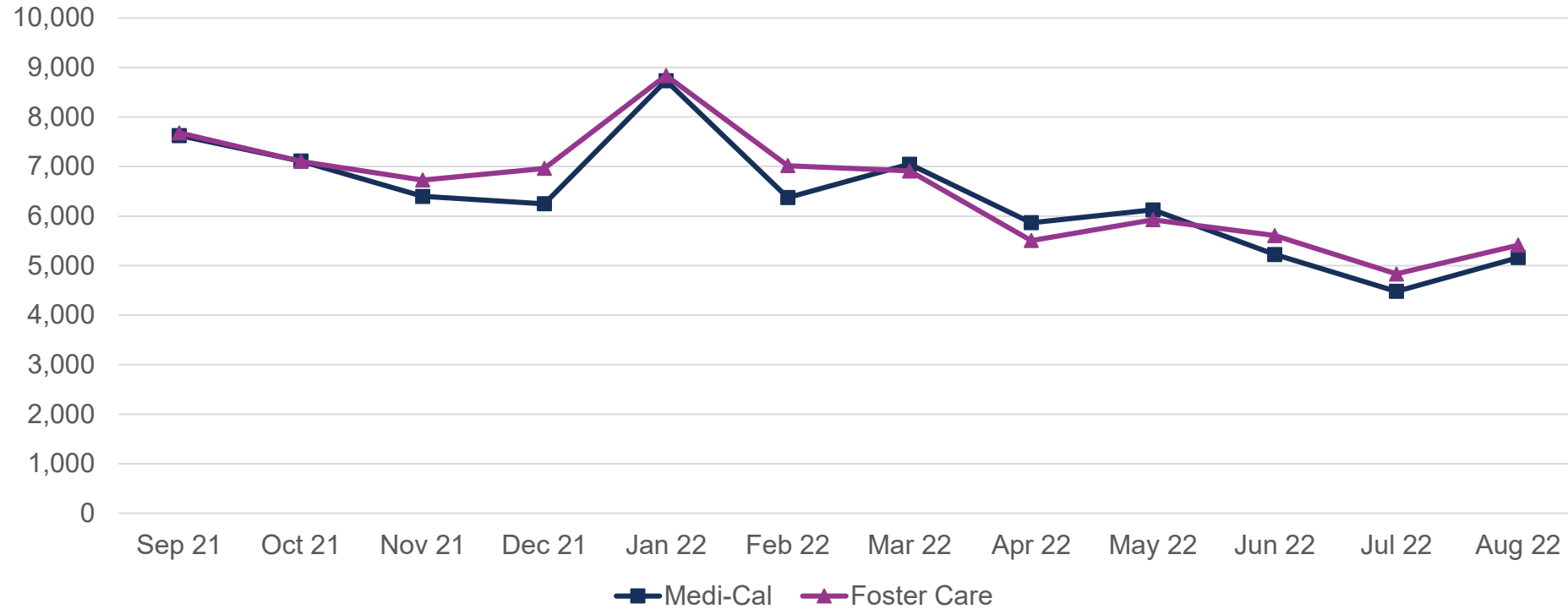
Per 100,000 beneficiaries 0-17 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	392	431	3,095	9,957	10,059	8,701	8,979	8,989	12,500	12,828	11,201	13,187
2021	12,953	12,491	12,933	11,242	10,037	8,040	7,006	7,795	7,681	7,103	6,728	6,961
2022	8,837	7,015	6,911	5,505	5,925	5,605	4,830	5,412				

# Telehealth Visits

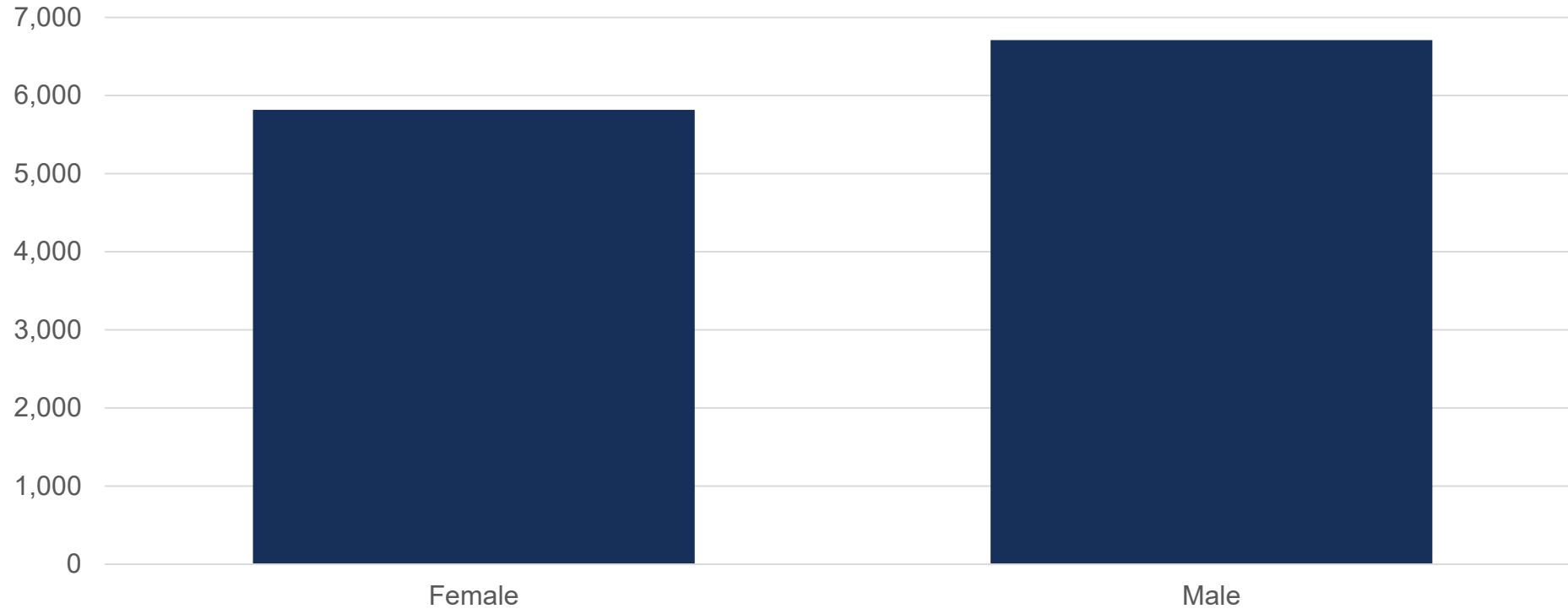
Per 100,000 beneficiaries 0-17 years old in Medi-Cal vs Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Medi-Cal	7,625	7,108	6,396	6,248	8,734	6,373	7,047	5,865	6,124	5,223	4,480	5,160
Foster Care	7,681	7,103	6,728	6,961	8,837	7,015	6,911	5,505	5,925	5,605	4,830	5,412

# Telehealth Visits

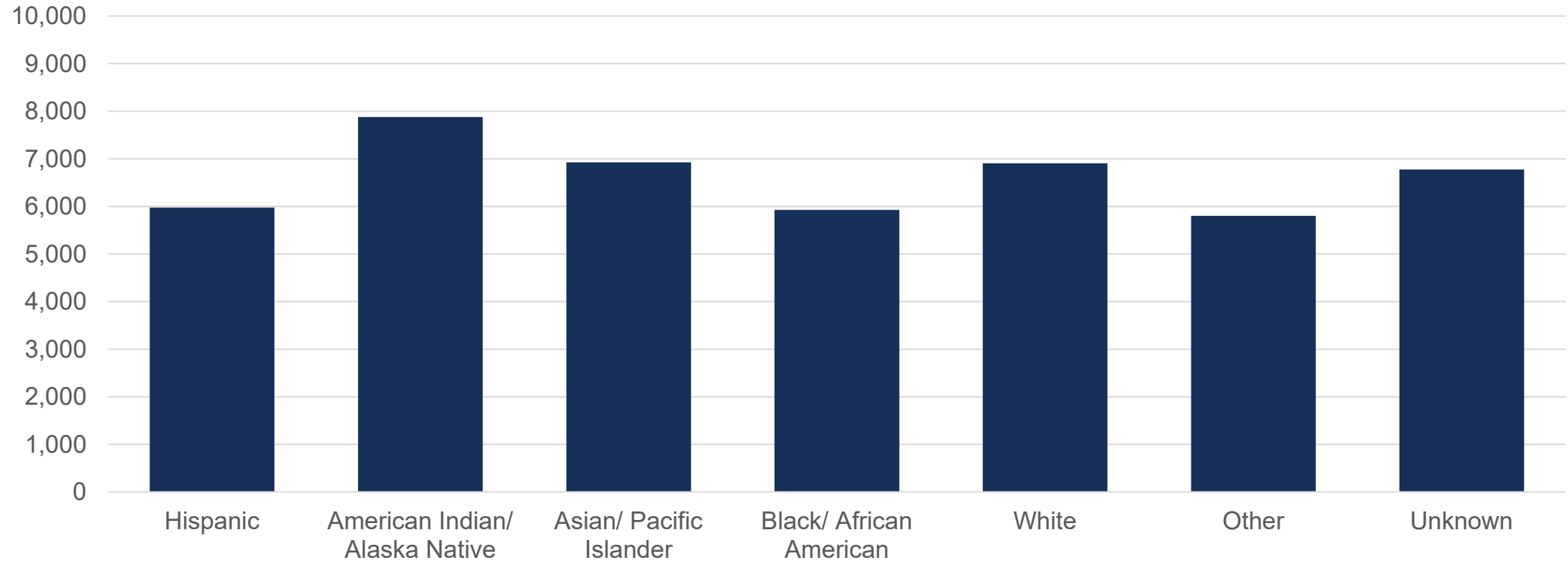
By Sex Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Female	Male
	5,818	6,710

# Telehealth Visits

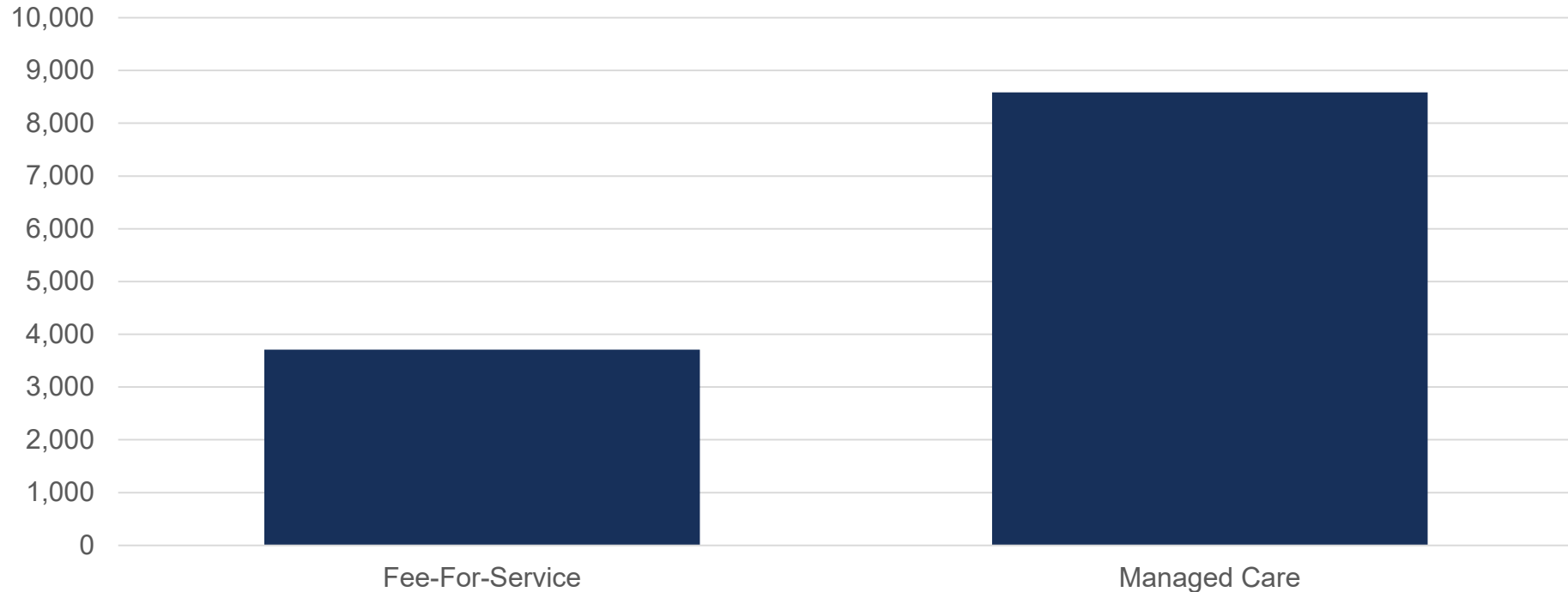
By Race/Ethnicity Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other	Unknown
	5,974	7,877	6,926	5,924	6,902	5,801	6,775

# Telehealth Visits

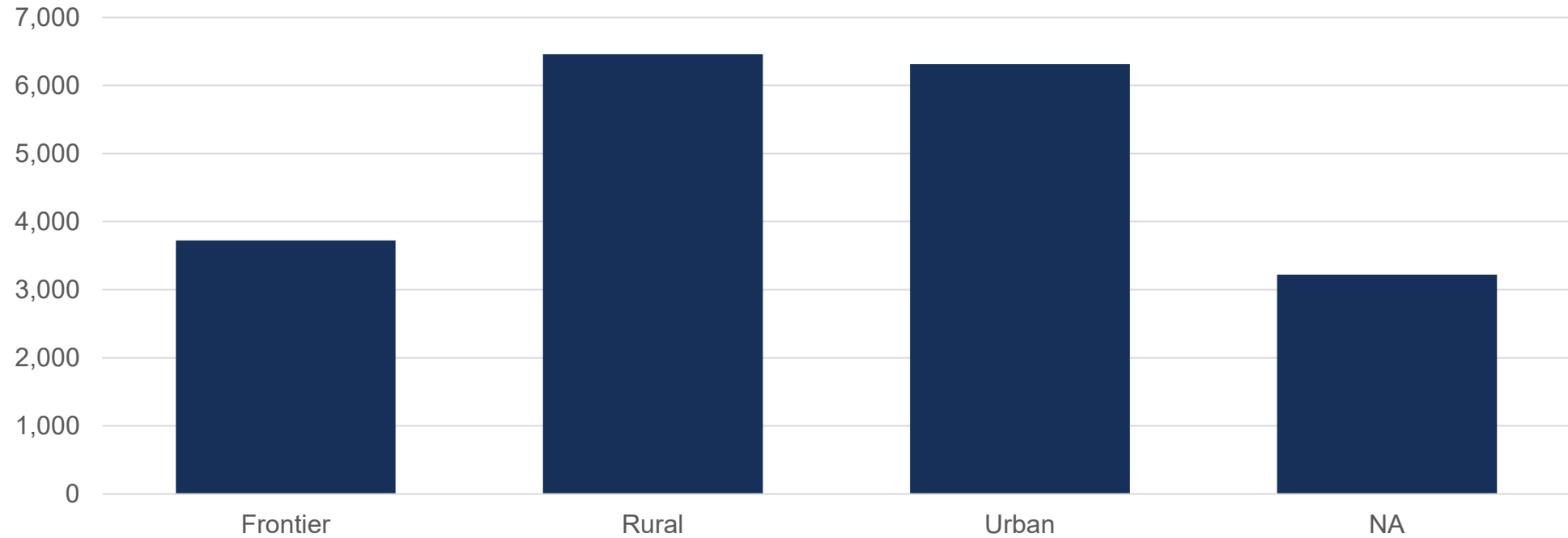
By Delivery System Per 100,000 beneficiaries 0-17 years old in Foster Care



Sep-21 – Aug-22	Fee-For-Service	Managed Care
	3,710	8,583

# Telehealth Visits

By Location Per 100,000 beneficiaries 0-17 years old in Foster Care



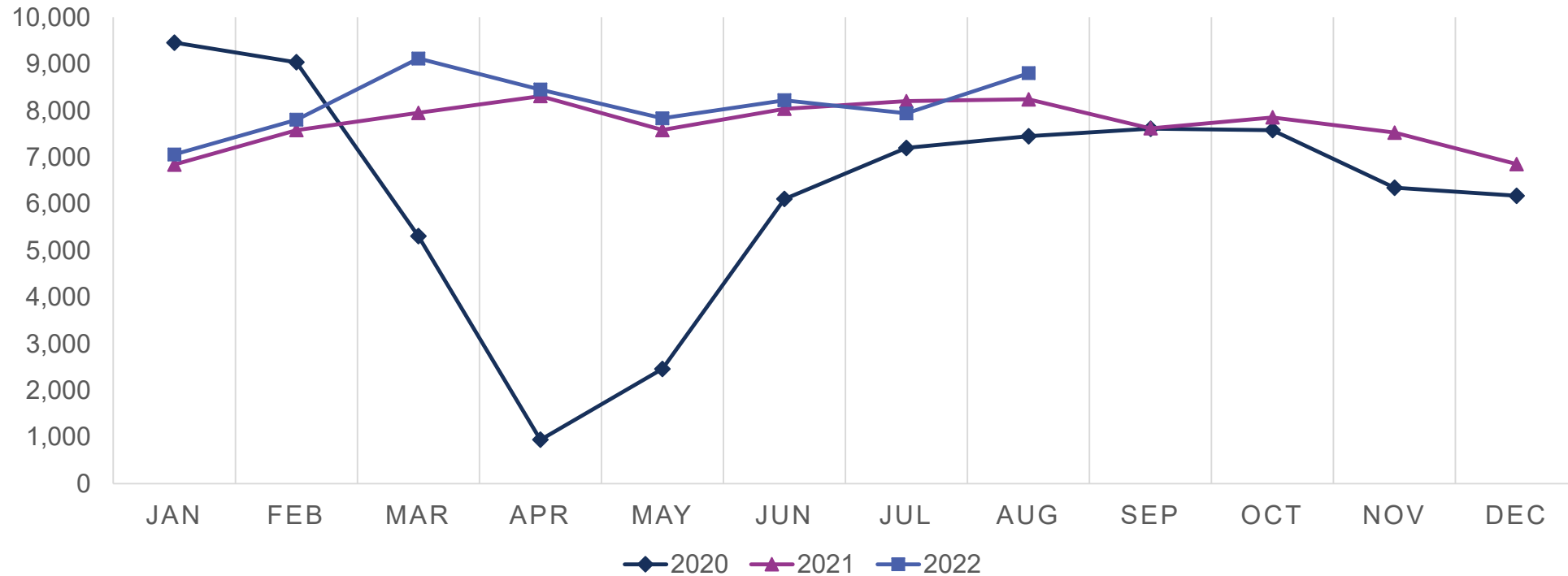
Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	3,723	6,456	6,311	3,221

# Beneficiaries with Dental Visits

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

# Beneficiaries with Dental Visits

Per 100,000 beneficiaries 0-20 years old in Foster Care

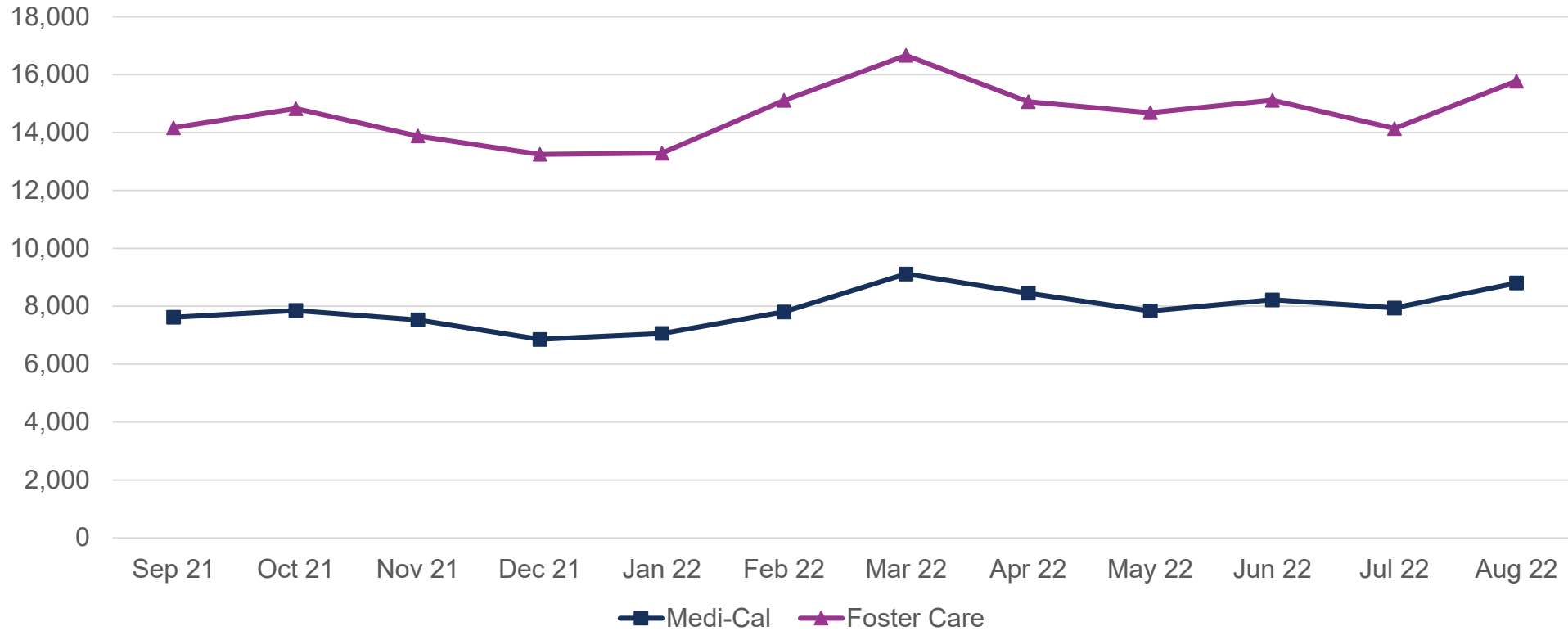


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2020	9,457	9,038	5,307	942	2,462	6,105	7,199	7,451	7,612	7,583	6,347	6,174
2021	6,842	7,582	7,953	8,312	7,585	8,038	8,203	8,243	7,620	7,854	7,529	6,855
2022	7,060	7,804	9,116	8,452	7,836	8,223	7,940	8,803				



# Beneficiaries with Dental Visits

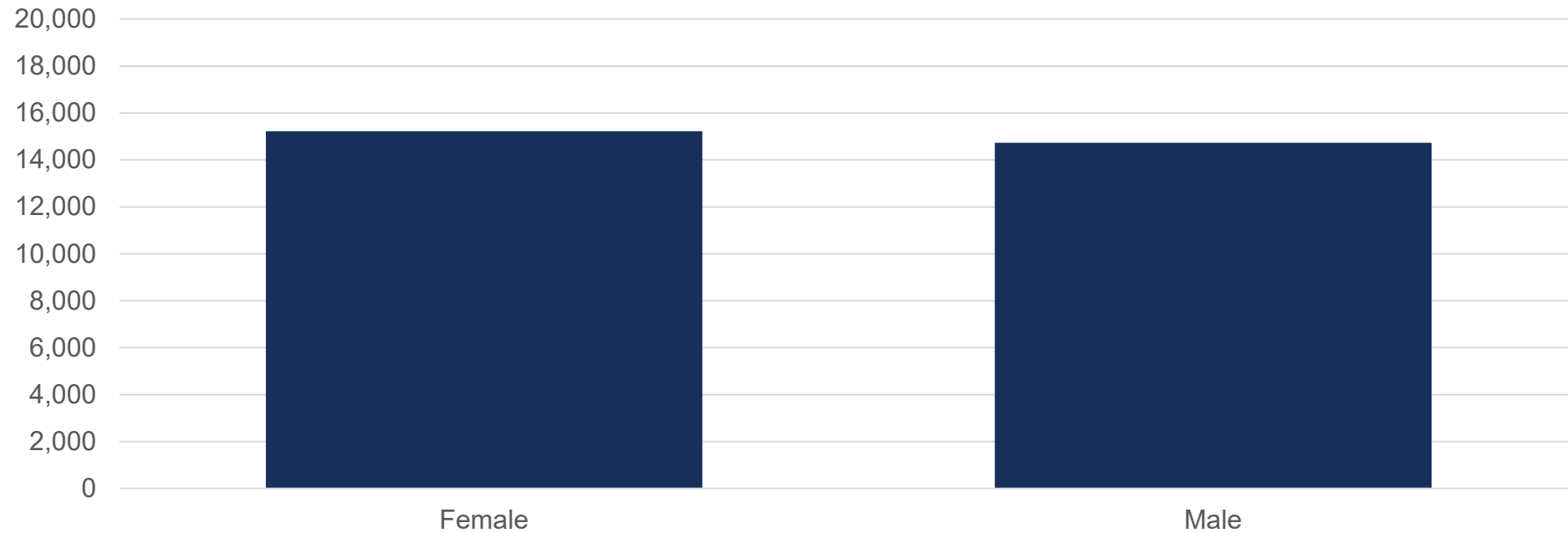
## Per 100,000 beneficiaries 0-20 years old in Medi-Cal vs Foster Care



	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22
Medi-Cal	7,620	7,854	7,529	6,855	7,060	7,804	9,116	8,452	7,836	8,223	7,940	8,803
Foster Care	14,167	14,824	13,881	13,249	13,287	15,109	16,667	15,066	14,685	15,114	14,138	15,775

# Beneficiaries with Dental Visits

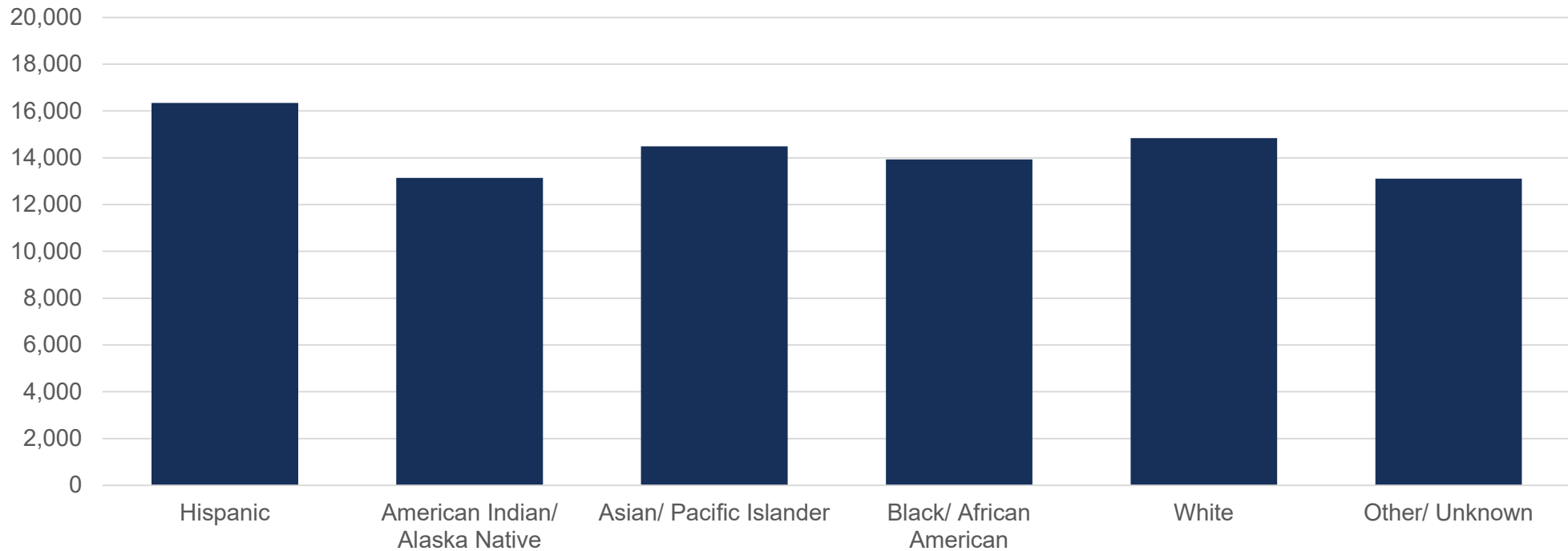
## By Sex Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Female	Male
	15,224	14,735

# Beneficiaries with Dental Visits

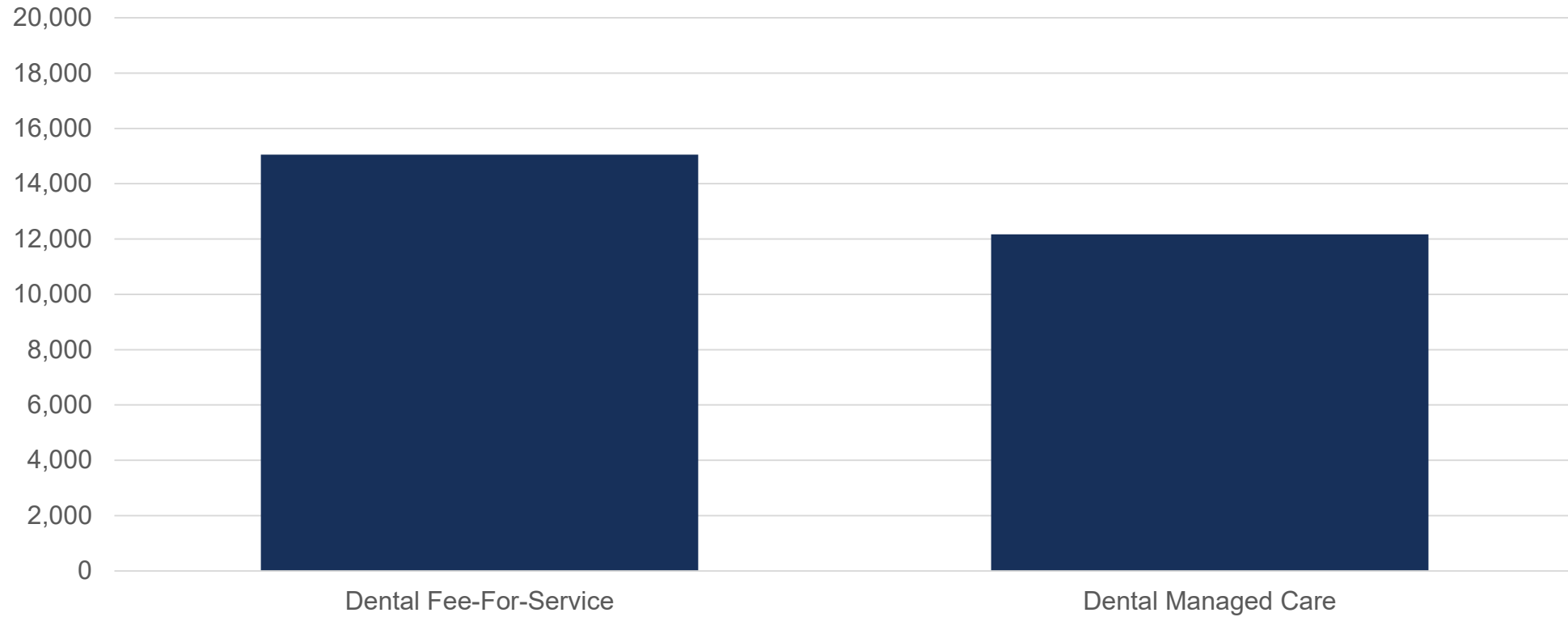
By Race/Ethnicity Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other/Unknown
	16,338	13,140	14,486	13,925	14,836	13,110

# Beneficiaries with Dental Visits

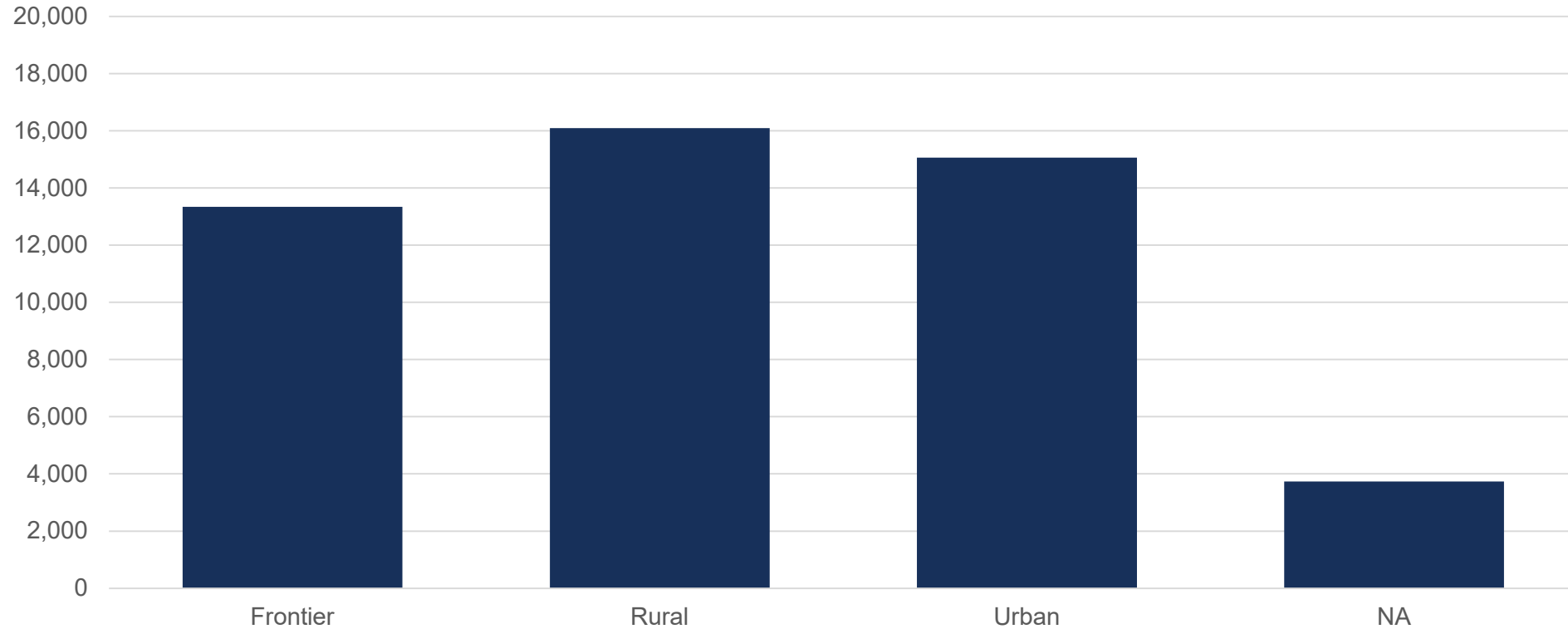
By Delivery System Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Dental Fee-For-Service	Dental Managed Care
	15,050	12,166

# Beneficiaries with Dental Visits

## By Location Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	13,341	16,095	15,062	3,736

# 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

# 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 (MHPs)
- » Services for children/youth whose mental health needs require care services not included in managed care plan (MCP) mental health benefits

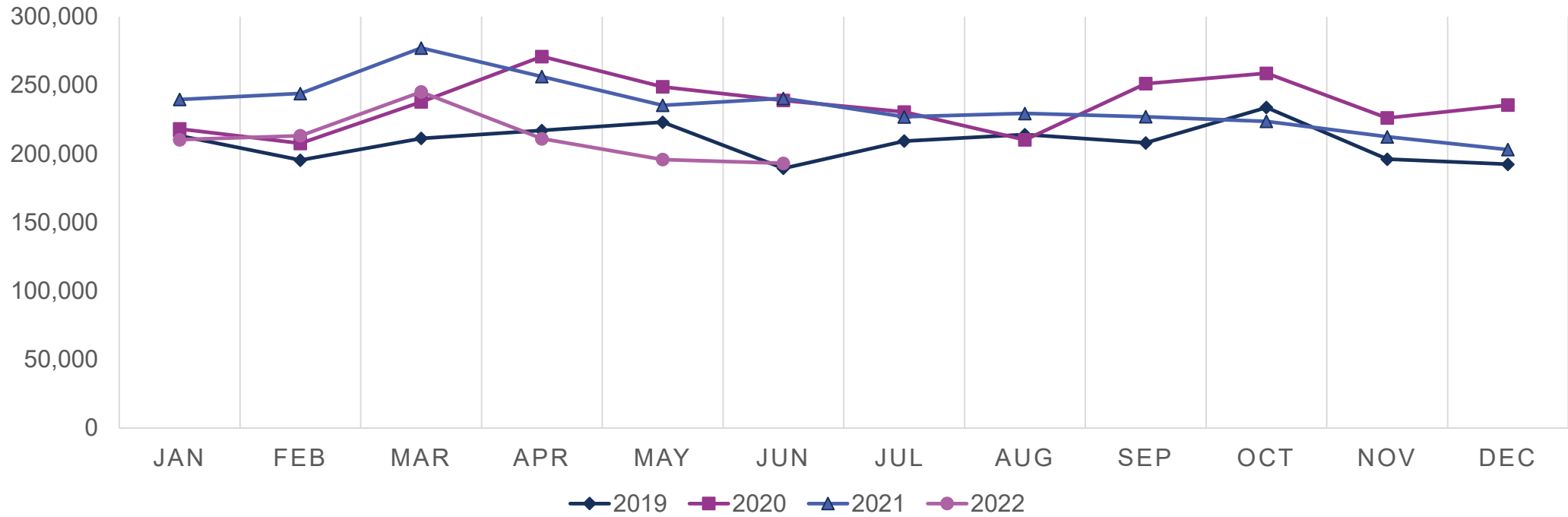
## » Substance Use Disorder Benefits

- » 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



# Total Mental Health Visits

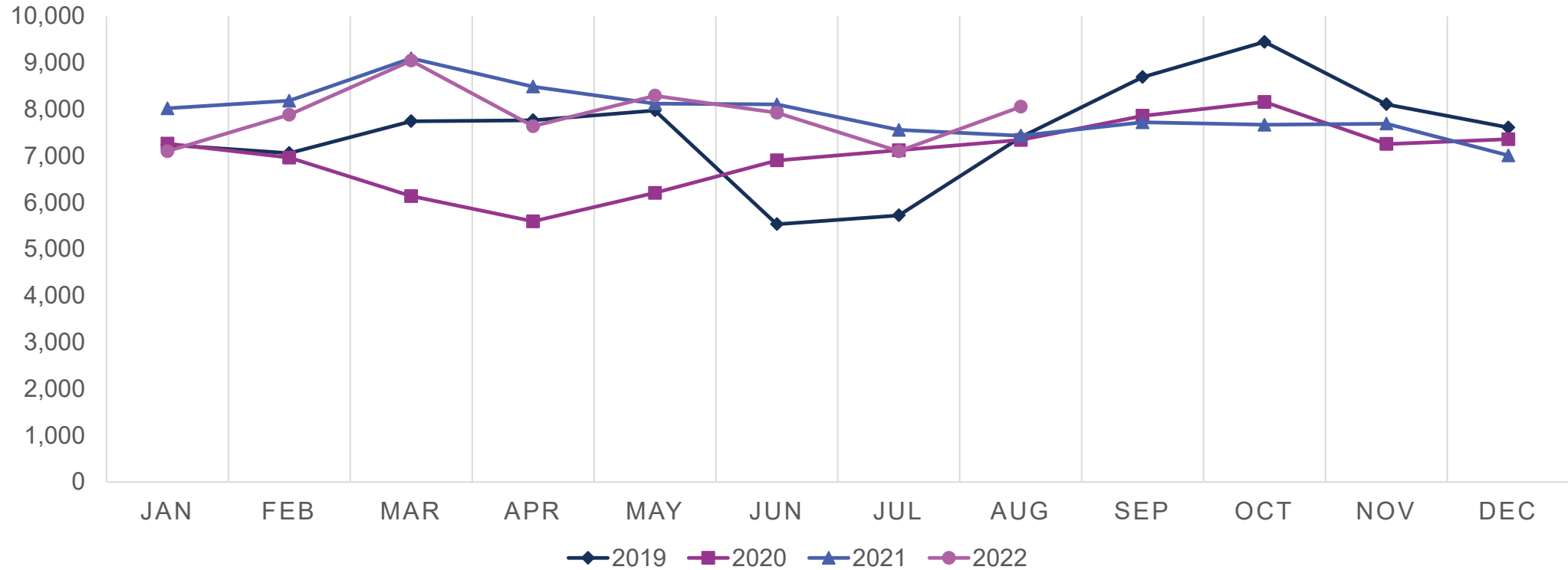
## Per 100,000 beneficiaries 0-20 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	213,133	195,361	211,208	217,029	223,079	189,406	209,301	214,024	208,001	233,770	196,110	192,379
2020	218,153	207,609	237,875	270,939	248,880	238,928	230,459	210,203	251,118	258,677	226,141	235,536
2021	239,654	243,945	277,144	256,300	235,407	240,386	226,954	229,397	227,004	223,674	212,408	203,132
2022	210,276	213,161	245,096	211,014	195,819	193,061						

# Non-Specialty Mental Health Visits

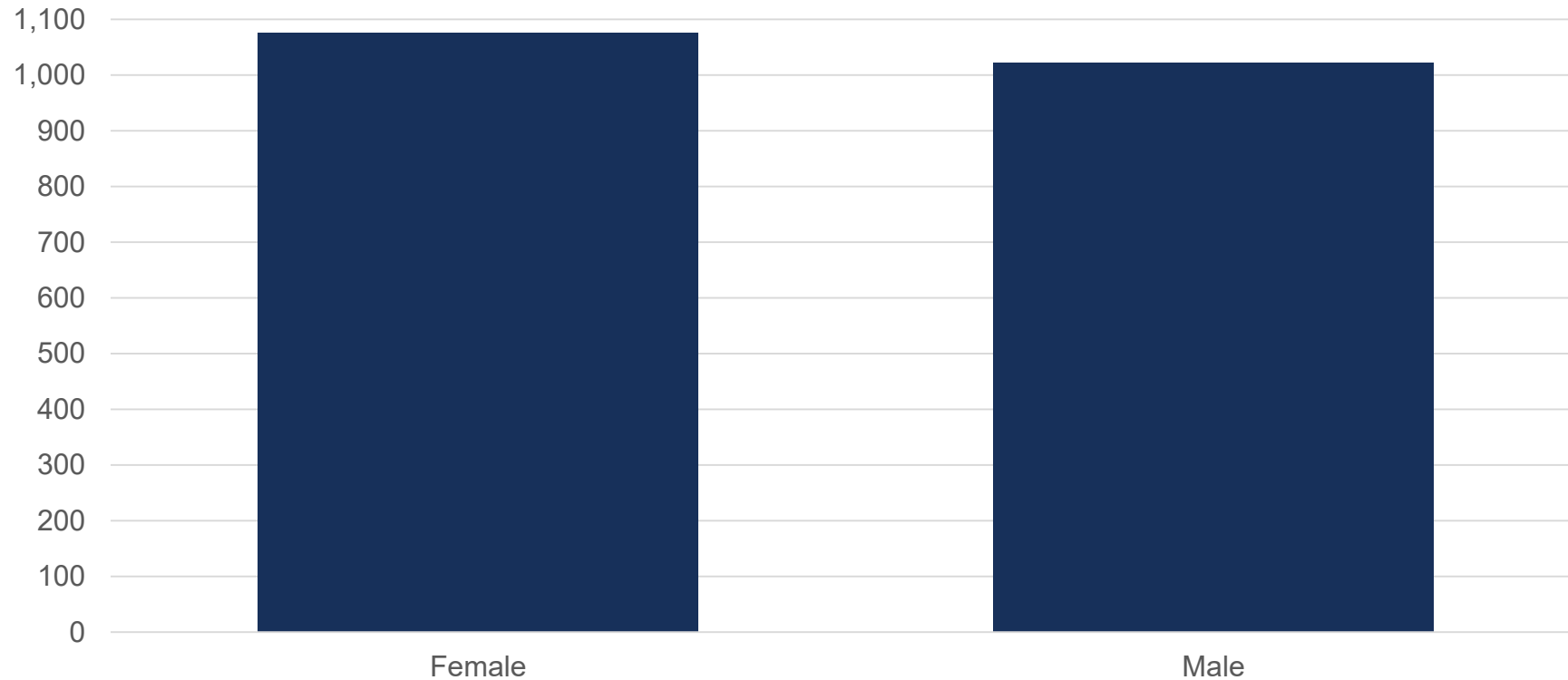
## Per 100,000 beneficiaries 0-20 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	7,242	7,060	7,746	7,767	7,977	5,534	5,726	7,404	8,693	9,450	8,109	7,611
2020	7,264	6,965	6,139	5,597	6,208	6,904	7,122	7,344	7,861	8,159	7,256	7,359
2021	8,022	8,184	9,095	8,489	8,125	8,107	7,559	7,435	7,721	7,671	7,693	7,010
2022	7,100	7,887	9,047	7,637	8,293	7,928	7,102	8,055				

# Non-Specialty Mental Health Visits

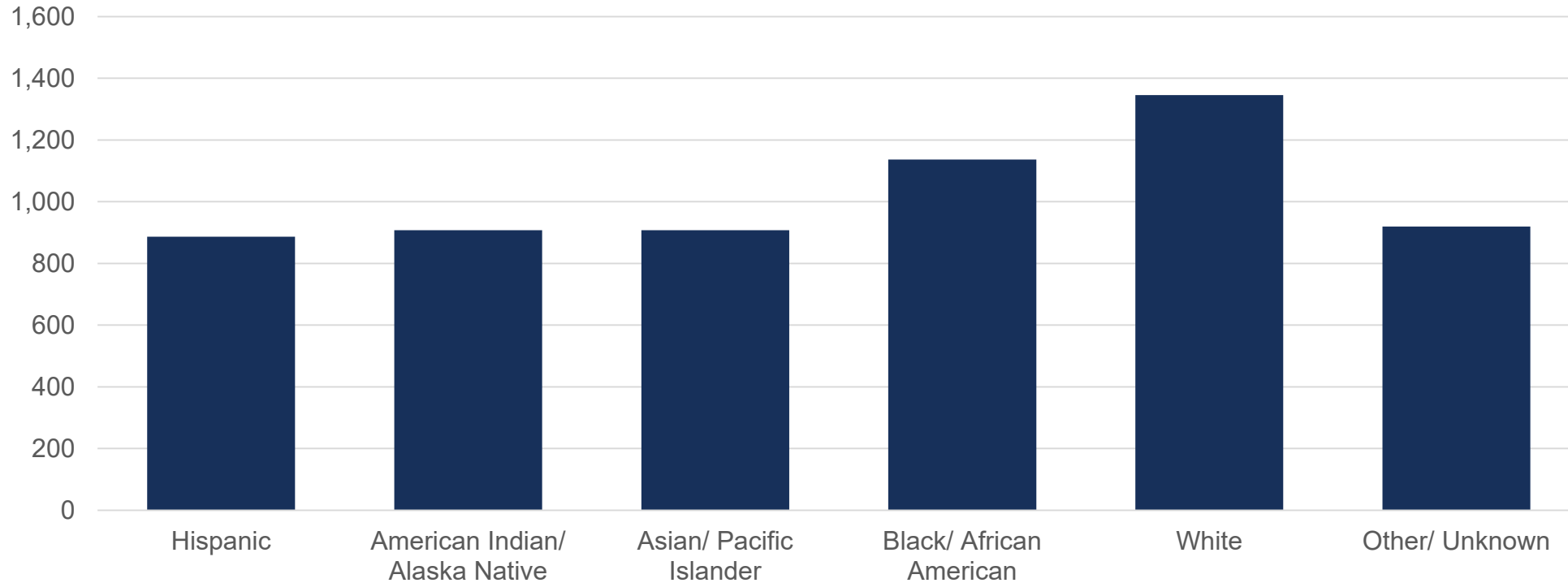
## By Sex Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Female	Male
	1,076	1,022

# Non-Specialty Mental Health Visits

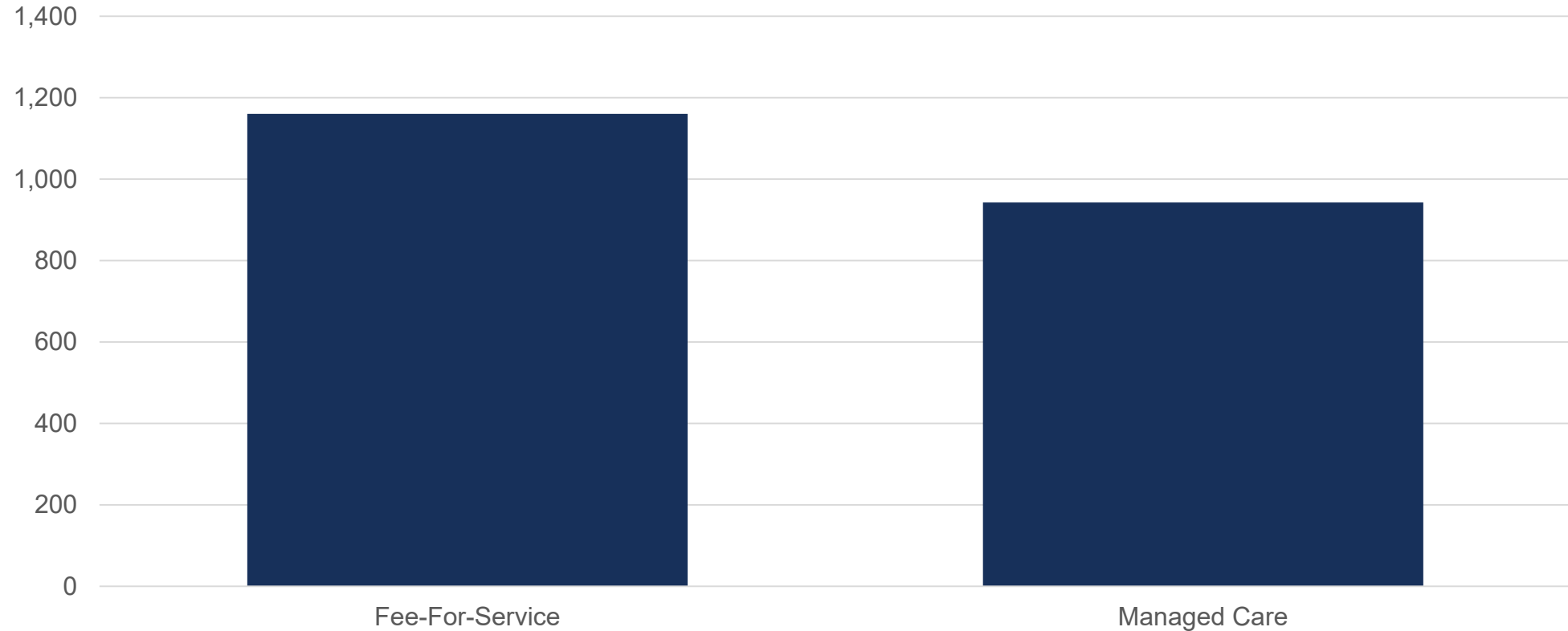
## By Race/Ethnicity Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Black/African American	White	Other/Unknown
	886	908	908	1,136	1,345	919

# Non-Specialty Mental Health Visit

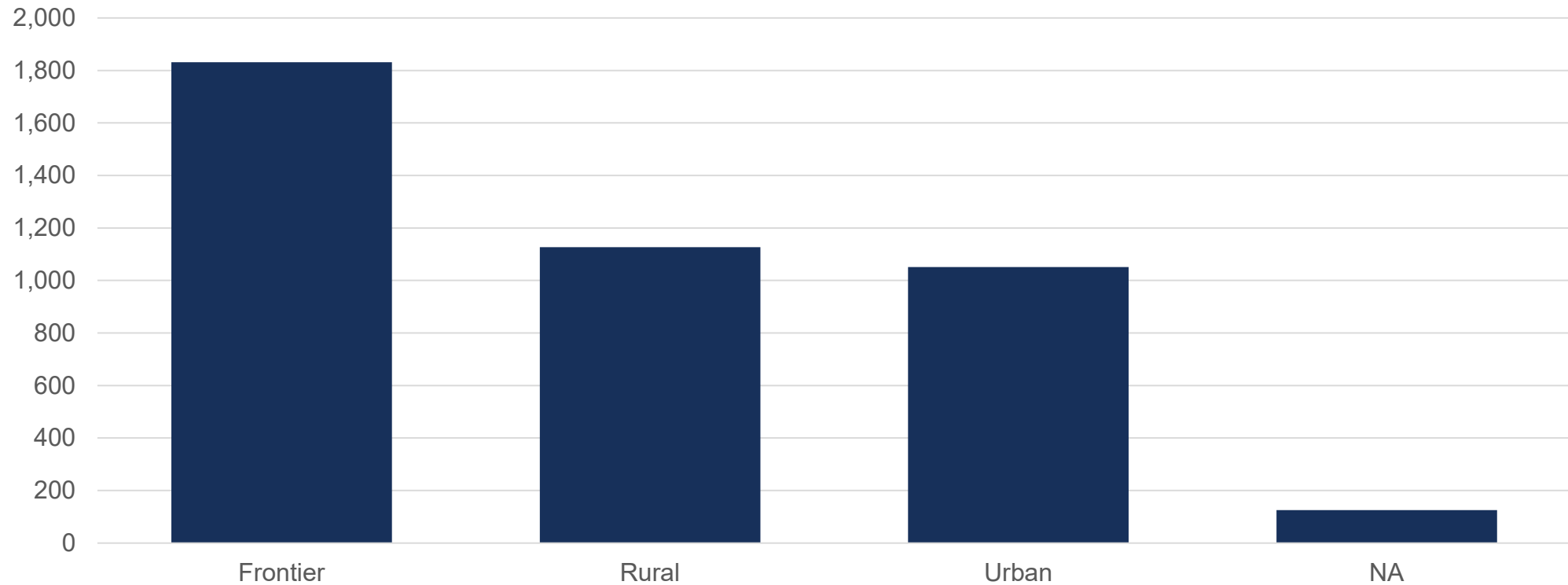
## By Delivery System Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Fee-For-Service	Managed Care
	1,160	942

# Non-Specialty Mental Health Visits

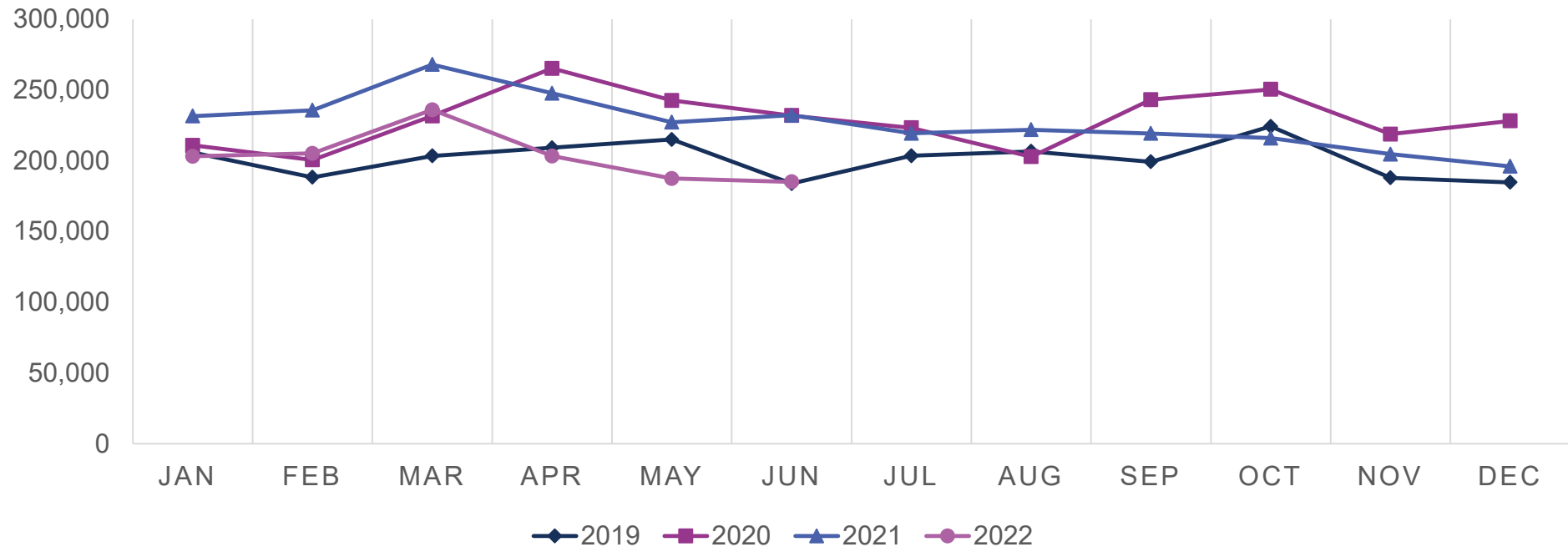
## By Location Per 100,000 beneficiaries 0-20 years old in Foster Care



Sep-21 – Aug-22	Frontier	Rural	Urban	NA
	1,832	1,127	1,052	125

# Specialty Mental Health Visits

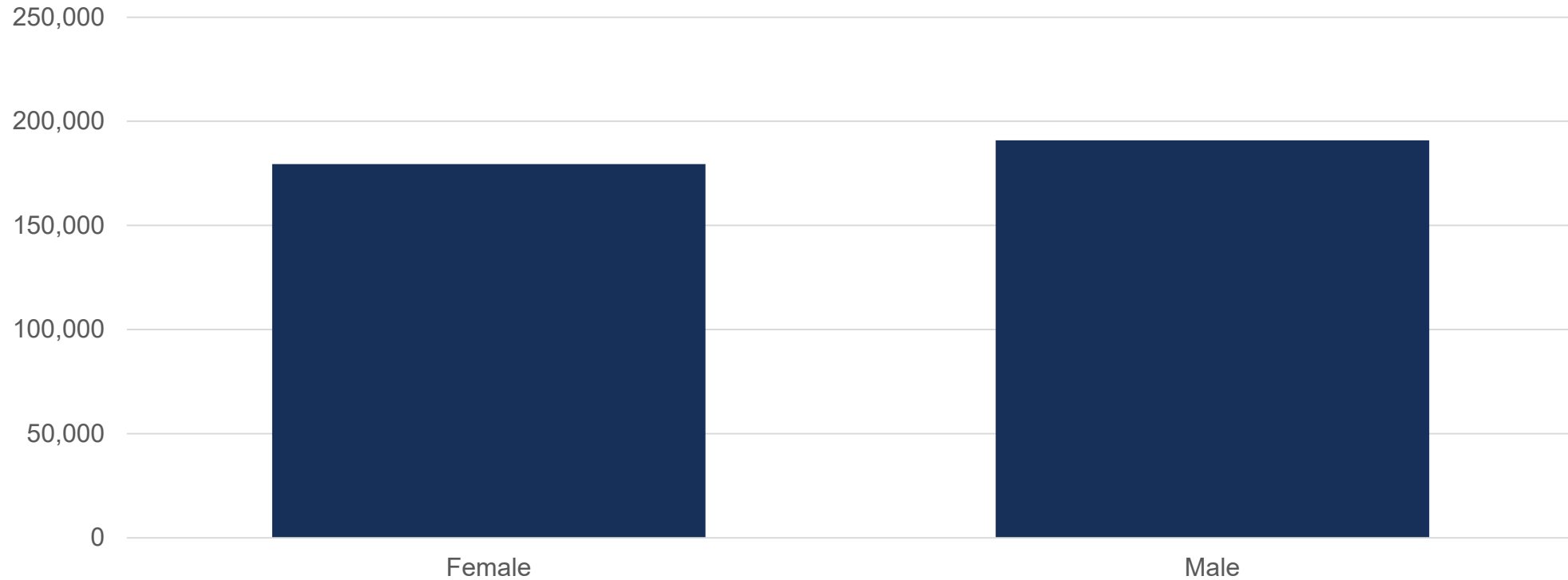
Per 100,000 beneficiaries 0-20 years old in Foster Care



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019	205,891	188,300	203,462	209,262	215,101	183,871	203,575	206,620	199,309	224,320	188,001	184,767
2020	210,889	200,645	231,736	265,342	242,672	232,024	223,337	202,859	243,257	250,517	218,886	228,176
2021	231,632	235,760	268,048	247,811	227,281	232,279	219,395	221,962	219,283	216,003	204,715	196,121
2022	203,175	205,274	236,049	203,377	187,525	185,133						

# Specialty Mental Health Visits

By Sex Per 100,000 beneficiaries 0-20 years old in Foster Care

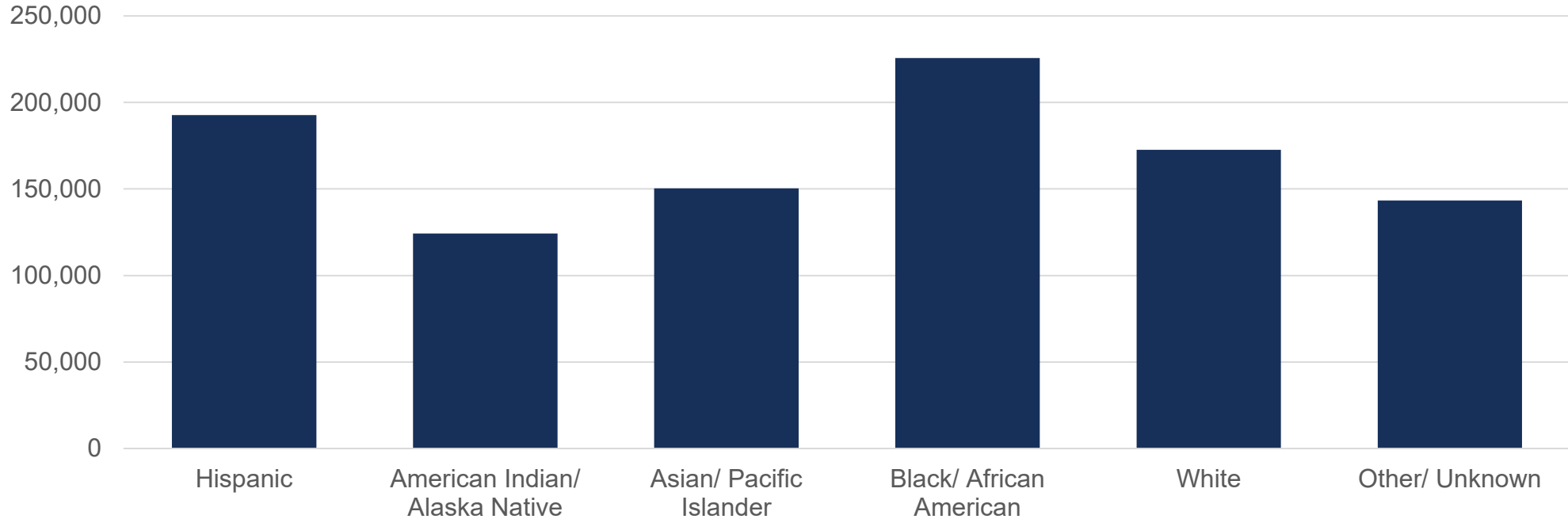


Jul-21 – Jun-22	Female	Male
	179,458	190,815



# Specialty Mental Health Visits

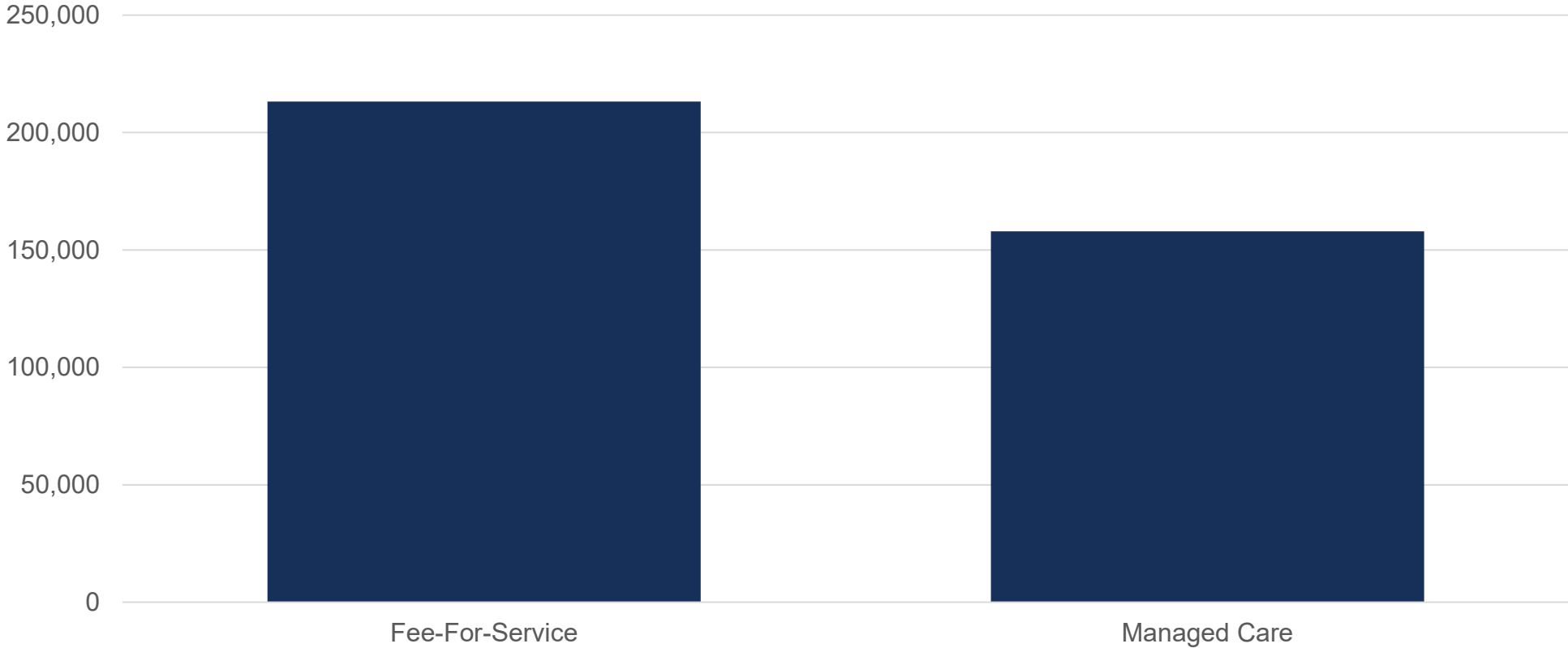
## By Race/Ethnicity Per 100,000 beneficiaries 0-20 years old in Foster Care



Jul-21 – Jun-22	Hispanic	American Indian/ Alaska Native	Asian/ Pacific Islander	Black/ African American	White	Other/ Unknown
	192,625	124,221	150,350	225,646	172,612	143,286

# Specialty Mental Health Visits

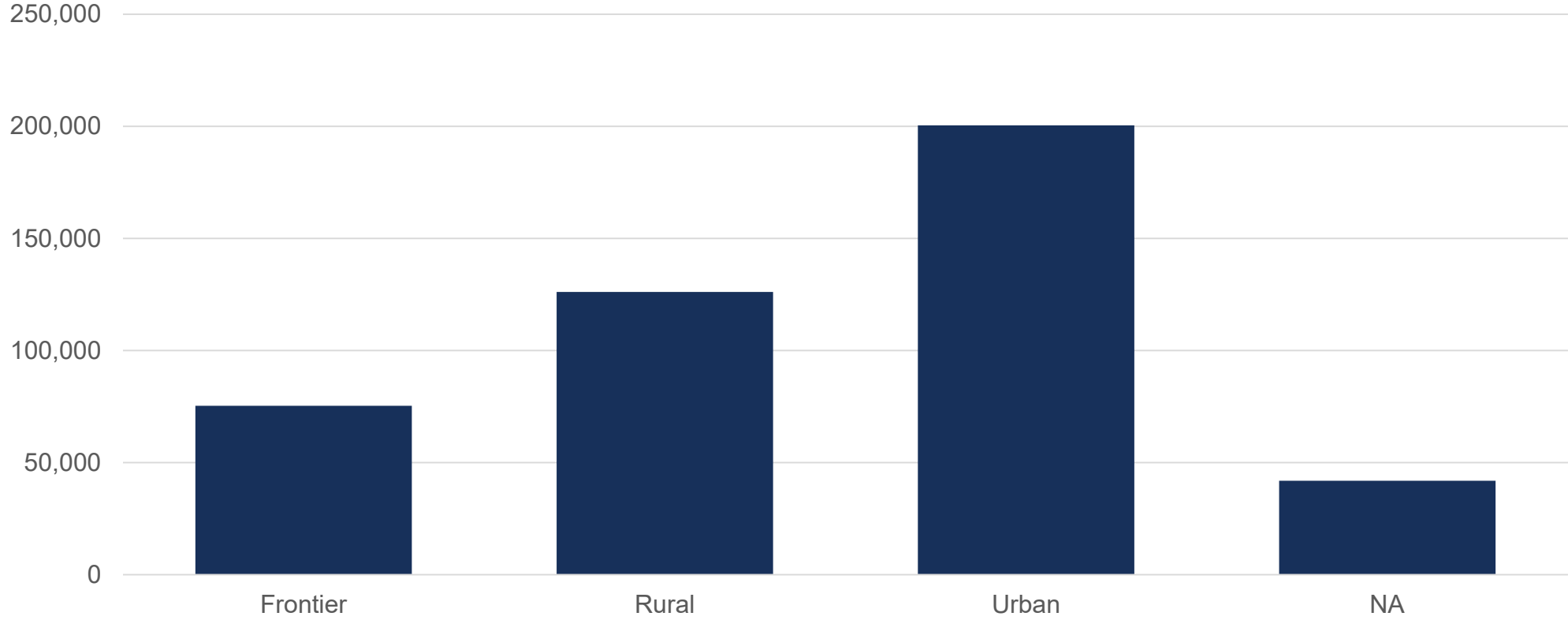
By Delivery System Per 100,000 beneficiaries 0-20 years old in Foster Care



Period	Fee-For-Service	Managed Care
Jul-21 – Jun-22	213,225	157,909

# Specialty Mental Health Visits

By Location Per 100,000 beneficiaries 0-20 years old in Foster Care



Jul-21 – Jun-22	Frontier	Rural	Urban	NA
	75,313	126,069	200,425	41,863

# Thank you!

For more information, see  
[DHCS Data & Statistics Reports](#)

