

Supplementary Online Content

Uscher-Pines L, McCullough C, Dworsky MS, et al. Use of telehealth across pediatric subspecialties before and during the COVID-19 pandemic. *JAMA Netw Open*. 2022;5(3):e224759. doi:10.1001/jamanetworkopen.2022.4759

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Details on Missing Data

Specialty	Months of Data Available by Medical Group (Total of 28)							
	1	2	3	4	5	6	7*	8
Behavioral Health	28	12	28	0	28	28	22	28
Cardiology	28	28	28	28	28	28	22	28
Dermatology	28	0	0	0	28	28	22	28
Endocrinology	28	28	28	8	28	28	22	28
Gastroenterology	28	28	28	28	28	28	22	28
Genetics	28	0	0	28	28	28	22	28
Nephrology	28	28	28	28	28	28	22	28
Neurology	28	28	0	28	28	28	22	28
Orthopedics	28	16	0	0	28	28	22	0
Pulmonology	28	28	8	28	28	28	22	28
Urology	28	16	0	0	28	28	22	0

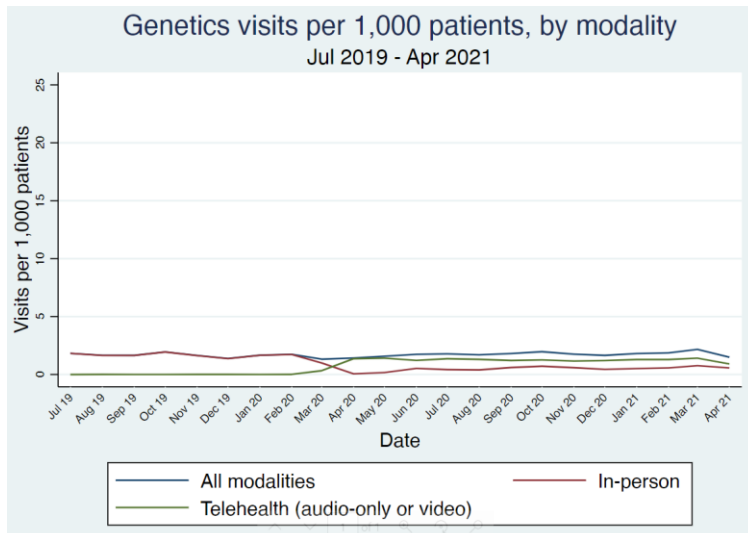
*Data available from July 2019-April 2021 (22 months total); data included in overall visit trend figures that focused on July 2019-April 2021

eTable 2. Patient Characteristics of Genetics and Behavioral Health Visits During the Pre-Pandemic and Pandemic Periods

Characteristic	Visits, No. (%)			P value		
	Pre-Pandemic visits (all in-person)	Pandemic period visits		Pre-pandemic total vs. pandemic total	Pandemic period in-person vs. telehealth	
	All	In-person	Telehealth			
Genetics						
Overall	9,099	9,132	2,467 (27.0)	6,665 (73.0)	NA	NA
Race						
White	3,162 (34.8)	3,126 (34.2)	867 (35.1)	2,259 (33.9)	0.5268	0.0024
Black	221 (2.4)	198 (2.2)	75 (3.0)	123 (1.8)		
Asian	691 (7.6)	692 (7.6)	180 (7.3)	512 (7.7)		
Other/Not reported	5,025 (55.2)	5,116 (56.0)	1,345 (54.5)	3,771 (56.6)		
Ethnicity						
Hispanic	3,420 (37.6)	3,314 (36.3)	1,087 (44.1)	2,227 (33.4)	<.01	<.01
Non-Hispanic	4,375 (48.1)	4,302 (47.1)	1,045 (42.4)	3,257 (48.9)		
Other/Not reported	1,304 (14.3)	1,516 (16.6)	335 (13.6)	1,181 (17.7)		
Preferred Language						
English	6,376 (79.3)	6,615 (81.8)	1,830 (74.9)	4,785 (84.8)	<.01	<.01
Language other than English	1,633 (20.3)	1,427 (17.6)	614 (25.1)	813 (14.4)		
Other/Not reported	28 (0.3)	43 (0.5)	0 (0.0)	43 (0.8)		
Age						
≤35 months	2,806 (30.8)	2,834 (31.0)	889 (36.0)	1,945 (29.1)	0.0446	<.01
3 – ≤5 years	1,536 (16.9)	1,506 (16.5)	409 (16.6)	1,097 (16.4)		
6 – ≤12 years	2,281 (25.1)	2,198 (24.0)	621 (25.2)	1,577 (23.6)		
13 – ≤17 years	1,184 (13.0)	1,254 (13.7)	385 (15.6)	869 (13.0)		
18+ years	1,292 (14.2)	1,356 (14.8)	163 (6.6)	1,193 (17.8)		
Other/Not reported	0 (0.0)	6 (0.1)	0 (0.0)	6 (0.1)		
Payer						
None/uninsured	844 (9.3)	118 (1.3)	25 (1.0)	93 (1.4)	<.01	<.01
Medi-Cal/CCS	3,754 (41.3)	4,222 (46.2)	1,396 (56.6)	2,826 (42.4)		
Other government insurance	392 (4.3)	474 (5.2)	148 (6.0)	326 (4.9)		
Private/commercial	4,098 (45.0)	4,290 (47.0)	896 (36.3)	3,394 (50.9)		
Other/Not reported	11 (0.1)	28 (0.3)	2 (0.1)	26 (0.4)		
Behavioral Health						
Overall	36,869	27,438	9,445 (34.4)	17,993 (65.6)	NA	NA
Race						
White	15,746 (42.7)	11,610 (42.3)	4,185 (44.3)	7,425 (41.3)	<.01	<.01
Black	1,955 (5.3)	1,223 (4.5)	418 (4.4)	805 (4.5)		
Asian	1,634 (4.4)	1,796 (6.5)	411 (4.4)	1,385 (7.7)		
Other/Not reported	17,534 (47.6)	12,809 (46.7)	4,431 (46.9)	8,378 (46.6)		
Ethnicity						
Hispanic	17,404 (47.2)	10,219 (37.2)	4,950 (52.4)	5,269 (29.3)	<.01	<.01
Non-Hispanic	16,236 (44.0)	12,516 (45.6)	3,653 (38.7)	8,863 (49.3)		
Other/Not reported	3,229 (8.8)	4,703 (17.1)	842 (8.9)	3,861 (21.5)		

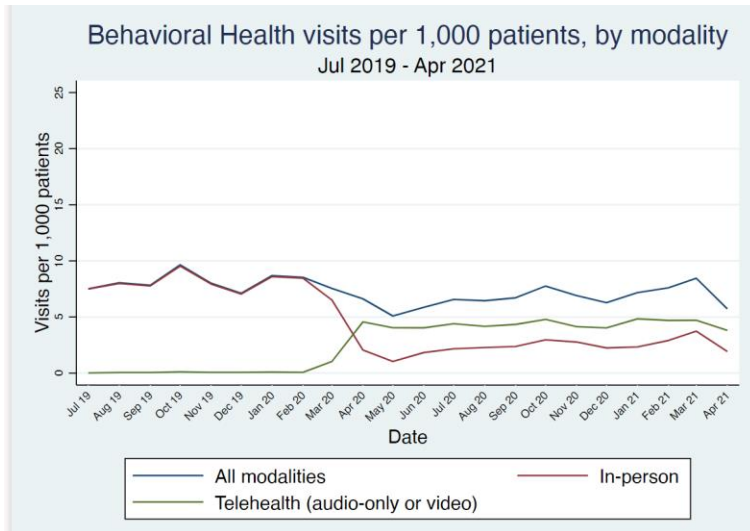
Preferred Language						
English	29,015 (78.7)	22,886 (83.4)	7,208 (76.3)	15,678 (87.1)	<.01	<.01
Language other than English	7,821 (21.2)	4,462 (16.3)	2,217 (23.5)	2,245 (12.5)		
Other/Not reported	32 (0.1)	89 (0.3)	20 (0.2)	69 (0.4)		
Age						
≤35 months	2,778 (7.5)	2,856 (10.4)	617 (6.5)	2,239 (12.4)	<.01	<.01
3 - ≤5 years	3,142 (8.5)	3,094 (11.3)	687 (7.3)	2,407 (13.4)		
6 - ≤12 years	16,484 (44.7)	11,262 (41.0)	4,066 (43.0)	7,196 (40.0)		
13 - ≤17 years	12,837 (34.8)	8,804 (32.1)	3,640 (38.5)	5,164 (28.7)		
18+ years	1,628 (4.4)	1,422 (5.2)	435 (4.6)	987 (5.5)		
Other/Not reported	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)		
Payer						
None/uninsured	18,652 (50.6)	4,357 (15.9)	3,689 (39.1)	668 (3.7)	<.01	<.01
Medi-Cal/CCS	7,258 (19.7)	6,191 (22.6)	2,040 (21.6)	4,151 (23.1)		
Other government insurance	1,177 (3.2)	1,282 (4.7)	211 (2.2)	1,071 (6.0)		
Private/commercial	9,368 (25.4)	12,439 (45.3)	1,814 (19.2)	10,625 (59.1)		
Other/Not reported	414 (1.1)	3,169 (11.5)	1,691 (17.9)	1,478 (8.2)		

eFigure 1. Genetics Visits per 1,000 Patients by Modality



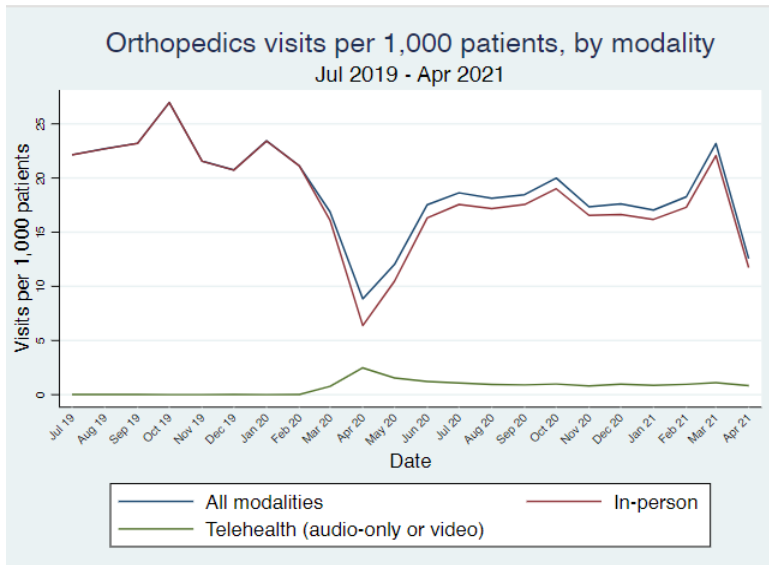
*Genetics visits reported by 6/8 organizations, denominator = 496,609

eFigure 2. Behavioral Health Visits per 1,000 Patients by Modality



*Behavioral Health visits reported by 5/8 organizations, denominator = 479,730

eFigure 3. Orthopedics Visits per 1,000 Patients by Modality



*Orthopedics visits reported by 4/8 organizations, denominator = 460,821