

# **Supplemental Material**

**Table S1. The numbers of telehealth outpatient encounters per 100 patients with CVD by all and subsamples from January 2019 to June 2021 using the MarketScan® Commercial Claims and Encounters Database.**

Month	The number of telehealth outpatient encounters per 100 patients									
	All	Age Group		P-value	Sex		P-value	Urbanicity		P-value
		Aged 18-34	Aged 35-64		Male	Female		Urban	Rural	
19-Jan	0.14	0.22	0.13	p=0.009 <sub>3</sub>	0.10	0.18	p<0.001	0.15	0.10	p=0.0065
19-Feb	0.13	0.21	0.12	p=0.005	0.09	0.18	p<0.001	0.14	0.07	p<0.001
19-Mar	0.14	0.24	0.12	p<0.001	0.10	0.18	p<0.001	0.14	0.10	p=0.0154
19-Apr	0.15	0.31	0.14	p<0.001	0.10	0.21	p<0.001	0.16	0.10	p=0.0049
19-May	0.14	0.28	0.13	p<0.001	0.09	0.20	p<0.001	0.15	0.09	p=0.0014
19-Jun	0.16	0.32	0.14	p<0.001	0.11	0.21	p<0.001	0.16	0.17	p=0.6303
19-Jul	0.18	0.40	0.16	p<0.001	0.12	0.25	p<0.001	0.19	0.17	p=0.5354
19-Aug	0.18	0.42	0.16	p<0.001	0.12	0.24	p<0.001	0.18	0.18	p=0.9523
19-Sep	0.20	0.42	0.17	p<0.001	0.12	0.28	p<0.001	0.20	0.21	p=0.5760
19-Oct	0.21	0.43	0.18	p<0.001	0.13	0.28	p<0.001	0.20	0.21	p=0.8572
19-Nov	0.21	0.43	0.19	p<0.001	0.13	0.29	p<0.001	0.21	0.22	p=0.2481
19-Dec	0.23	0.39	0.22	p<0.001	0.16	0.30	p<0.001	0.24	0.21	p=0.3460
20-Jan	0.30	0.65	0.26	p<0.001	0.18	0.41	p<0.001	0.30	0.24	p=0.0295
20-Feb	0.30	0.52	0.27	p<0.001	0.19	0.40	p<0.001	0.31	0.23	p=0.0046
20-Mar	6.71	8.88	6.47	p<0.001	5.15	8.22	p<0.001	7.17	3.70	p<0.001
20-Apr	25.38	28.95	24.99	p<0.001	20.02	30.59	p<0.001	26.66	17.18	p<0.001
20-May	20.64	24.91	20.14	p<0.001	16.15	25.00	p<0.001	21.90	12.56	p<0.001
20-Jun	16.98	22.70	16.28	p<0.001	12.83	21.02	p<0.001	18.19	9.19	p<0.001
20-Jul	16.16	23.02	15.39	p<0.001	12.00	20.20	p<0.001	17.30	8.79	p<0.001
20-Aug	14.47	20.61	13.78	p<0.001	10.73	18.10	p<0.001	15.50	7.85	p<0.001
20-Sep	14.06	21.24	13.27	p<0.001	10.19	17.82	p<0.001	15.11	7.28	p<0.001
20-Oct	13.95	20.89	13.16	p<0.001	10.06	17.73	p<0.001	14.93	7.64	p<0.001
20-Nov	14.00	20.56	13.25	p<0.001	10.15	17.75	p<0.001	14.91	8.16	p<0.001
20-Dec	16.77	23.08	16.04	p<0.001	12.53	20.90	p<0.001	17.86	9.80	p<0.001
21-Jan	15.83	22.56	15.03	p<0.001	11.57	19.97	p<0.001	16.85	9.24	p<0.001
21-Feb	14.44	21.52	13.60	p<0.001	10.47	18.30	p<0.001	15.41	8.17	p<0.001
21-Mar	14.57	22.41	13.63	p<0.001	10.40	18.63	p<0.001	15.68	7.44	p<0.001
21-Apr	12.57	20.19	11.69	p<0.001	9.01	16.03	p<0.001	13.53	6.38	p<0.001
21-May	10.51	17.35	9.70	p<0.001	7.37	13.56	p<0.001	11.30	5.41	p<0.001
21-Jun	8.95	15.20	8.25	p<0.001	6.20	11.62	p<0.001	9.68	4.20	p<0.001

Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
	Census regions					Sub-CVD Diseases					
Month	Northeast	South	Midwest	West	P-value	AMI	HF	IHD	Stroke	AF	P-value
19-Jan	0.13	0.13	0.13	0.23	p=0.0068	0.09	0.10	0.11	0.12	0.12	p=0.9248
19-Feb	0.12	0.13	0.11	0.21	p=0.0179	0.08	0.09	0.08	0.12	0.10	p=0.6502
19-Mar	0.11	0.14	0.10	0.24	p<0.001	0.10	0.11	0.09	0.14	0.11	p=0.5189
19-Apr	0.11	0.15	0.10	0.35	p<0.001	0.10	0.11	0.12	0.18	0.14	p=0.6045
19-May	0.11	0.14	0.09	0.33	p<0.001	0.20	0.12	0.12	0.14	0.16	p=0.4969
19-Jun	0.17	0.17	0.09	0.27	p<0.001	0.11	0.19	0.11	0.18	0.17	p=0.2207
19-Jul	0.19	0.19	0.11	0.29	p<0.001	0.14	0.16	0.13	0.18	0.19	p=0.5181
19-Aug	0.17	0.20	0.11	0.27	p<0.001	0.13	0.20	0.12	0.21	0.12	p=0.0451
19-Sep	0.22	0.22	0.11	0.25	p<0.001	0.13	0.19	0.13	0.24	0.17	p=0.0439
19-Oct	0.18	0.22	0.13	0.36	p<0.001	0.17	0.18	0.14	0.20	0.21	p=0.3470
19-Nov	0.22	0.24	0.11	0.31	p<0.001	0.22	0.20	0.18	0.19	0.14	p=0.5365
19-Dec	0.28	0.25	0.11	0.38	p<0.001	0.46	0.36	0.20	0.23	0.15	p=0.0294
20-Jan	0.41	0.27	0.16	0.57	p<0.001	0.17	0.16	0.21	0.35	0.23	p=0.2163
20-Feb	0.37	0.29	0.17	0.53	p<0.001	0.18	0.25	0.22	0.28	0.19	p=0.1887
20-Mar	11.90	5.40	5.92	7.34	p<0.001	6.22	7.87	6.36	7.85	6.25	p<0.001
20-Apr	36.93	22.50	23.98	26.01	p<0.001	25.92	34.08	26.20	31.25	25.98	p<0.001
20-May	33.66	16.76	20.30	21.56	p<0.001	20.25	27.05	20.43	25.73	21.17	p<0.001
20-Jun	28.89	13.43	16.22	18.90	p<0.001	15.13	20.64	15.71	20.91	16.14	p<0.001
20-Jul	24.67	14.03	13.86	19.52	p<0.001	13.98	19.74	14.87	19.84	14.68	p<0.001
20-Aug	21.71	12.51	12.48	18.10	p<0.001	11.99	16.95	13.04	18.13	13.13	p<0.001
20-Sep	22.07	11.66	12.46	17.89	p<0.001	11.31	16.44	12.38	17.20	12.99	p<0.001
20-Oct	22.27	11.20	12.87	17.94	p<0.001	11.02	15.54	12.21	16.78	12.82	p<0.001
20-Nov	22.06	10.80	14.20	17.73	p<0.001	11.57	15.17	12.05	16.12	12.74	p<0.001
20-Dec	26.43	13.04	16.58	21.75	p<0.001	14.26	18.33	14.94	19.30	16.06	p<0.001

21-Jan	24.85	12.51	14.95	21.24	p<0.001	12.46	18.00	14.06	18.00	14.43	p<0.001
21-Feb	23.66	11.21	13.71	18.67	p<0.001	12.12	16.54	12.54	16.65	13.13	p<0.001
21-Mar	25.21	10.97	13.73	18.83	p<0.001	11.04	15.59	12.08	16.80	12.66	p<0.001
21-Apr	21.72	9.27	12.29	16.27	p<0.001	9.93	13.22	10.17	14.49	10.88	p<0.001
21-May	18.30	7.95	9.89	13.21	p<0.001	7.51	11.47	8.60	11.83	8.83	p<0.001
21-Jun	15.65	6.96	8.23	10.70	p<0.001	6.64	9.30	7.32	10.67	7.37	p<0.001
Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	

Abbreviation: CVD, cardiovascular disease; AMI, acute myocardial infarction; HF, heart failure; IHD, ischemic heart disease; AF, atrial fibrillation

Note: The numbers are the corresponding estimates for Figure 2. For age groups, sex, and urbanicity, the differences between the subgroups in the numbers of telehealth outpatient encounters were tested using Welch's 2-tail t-test by each month. For census regions (Northeast, South, Midwest, and West) and sub-CVD diseases (AMI, HF, IHD, stroke, and AF), the differences between the subgroups were tested using one-way ANOVA by each month. The corresponding p-values for the test statistics were reported on the columns right to the comparison groups. The month-to-month changes from February 2020 (the month before the pandemic) to June 2020, and the changes between February 2020 and June 2021 were tested using Welch's 2-tail t-test for all and the subgroups. The corresponding p-values for the test statistics were reported at the bottom of each panel.

**Table S2. The numbers of in-person outpatient encounters per 100 patients with CVD by all and subsamples from January 2019 to June 2021 using the MarketScan® Commercial Claims and Encounters Database.**

Month	The number of in-person outpatient encounters per 100 patients									
	All	Age Group		P-value	Sex		P-value	Urbanicity		P-value
		Aged 18-34	Aged 35-64		Male	Female		Urban	Rural	
19-Jan	328.00	259.29	336.02	p<0.001	296.81	358.33	p<0.001	329.72	316.95	p<0.001
19-Feb	296.42	224.17	305.08	p<0.001	267.53	324.52	p<0.001	297.94	286.68	p<0.001
19-Mar	309.07	234.68	317.93	p<0.001	275.91	341.32	p<0.001	310.77	298.12	p<0.001
19-Apr	319.03	236.69	329.00	p<0.001	282.25	354.79	p<0.001	320.31	310.79	p=0.0013
19-May	319.36	239.71	328.92	p<0.001	284.14	353.60	p<0.001	320.78	310.17	p<0.001
19-Jun	295.38	219.63	304.06	p<0.001	260.05	329.75	p<0.001	296.44	288.61	p<0.0056
19-Jul	313.89	233.85	322.72	p<0.001	277.30	349.48	p<0.001	314.67	308.84	p=0.0383
19-Aug	314.53	233.26	323.43	p<0.001	282.23	345.95	p<0.001	314.79	312.87	p=0.5130
19-Sep	309.11	222.56	320.13	p<0.001	276.11	341.21	p<0.001	310.37	301.02	p<0.001
19-Oct	364.29	255.91	377.60	p<0.001	323.01	404.44	p<0.001	365.11	359.00	p=0.0029
19-Nov	316.99	225.00	328.17	p<0.001	281.79	351.23	p<0.001	318.11	309.83	p<0.001
19-Dec	330.53	226.51	342.82	p<0.001	298.64	361.55	p<0.001	330.94	327.90	p=0.3098
20-Jan	322.67	236.51	333.04	p<0.001	291.11	353.38	p<0.001	323.70	316.10	p=0.0075
20-Feb	298.90	214.36	309.46	p<0.001	269.40	327.59	p<0.001	300.17	290.74	p<0.001
20-Mar	248.45	180.21	256.94	p<0.001	229.29	267.09	p<0.001	248.38	248.91	p=0.8348
20-Apr	145.73	109.35	150.51	p<0.001	142.96	148.42	p<0.001	144.12	156.04	p<0.001
20-May	203.47	144.78	210.78	p<0.001	190.37	216.22	p<0.001	200.77	220.87	p<0.001
20-Jun	276.49	187.74	286.73	p<0.001	249.27	302.95	p<0.001	274.51	289.23	p<0.001
20-Jul	286.50	197.71	296.51	p<0.001	258.11	314.11	p<0.001	285.11	295.39	p<0.001
20-Aug	282.99	195.68	293.30	p<0.001	256.26	308.98	p<0.001	281.42	293.08	p<0.001
20-Sep	308.11	207.49	320.74	p<0.001	279.79	335.65	p<0.001	308.50	305.56	p=0.3071
20-Oct	332.16	224.19	345.80	p<0.001	299.84	363.59	p<0.001	331.82	334.33	p=0.4134
20-Nov	296.55	195.21	309.21	p<0.001	266.86	325.42	p<0.001	295.77	301.54	p=0.0483
20-Dec	317.92	206.21	331.37	p<0.001	289.72	345.35	p<0.001	317.24	322.31	p=0.0990
21-Jan	277.30	189.31	287.88	p<0.001	254.15	299.82	p<0.001	276.62	281.72	p=0.0648
21-Feb	272.73	181.06	284.33	p<0.001	250.56	294.29	p<0.001	272.50	274.16	p=0.5419
21-Mar	340.04	224.54	354.68	p<0.001	310.27	369.00	p<0.001	338.71	348.62	p=0.0022
21-Apr	317.01	215.99	330.01	p<0.001	289.95	343.32	p<0.001	316.49	320.31	p=0.1911
21-May	281.88	184.70	293.78	p<0.001	257.97	305.14	p<0.001	280.84	288.60	p=0.0065
21-Jun	263.24	165.54	275.05	p<0.001	234.62	291.08	p<0.001	262.19	270.01	p=0.0033

Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
	Census regions					Sub-CVD Diseases					
Month	Northeast	South	Midwest	West	P-value	AMI	HF	IHD	Stroke	AF	P-value
19-Jan	330.91	327.66	332.15	317.08	p=0.0013	418.51	604.87	379.64	455.51	416.99	p<0.001
19-Feb	288.46	298.77	304.57	279.12	p<0.001	369.85	550.52	344.28	407.95	373.46	p<0.001
19-Mar	313.65	306.56	318.04	295.87	p<0.001	382.57	568.24	357.75	425.09	385.96	p<0.001
19-Apr	317.48	316.91	331.92	304.13	p<0.001	398.16	584.47	371.95	432.84	392.62	p<0.001
19-May	321.15	318.79	327.60	301.99	p<0.001	387.72	584.54	372.70	431.38	395.56	p<0.001
19-Jun	293.47	297.14	299.12	281.77	p<0.001	345.96	539.82	340.83	397.98	371.15	p<0.001
19-Jul	305.48	319.19	316.49	295.15	p<0.001	362.49	568.76	360.69	417.06	393.24	p<0.001
19-Aug	299.65	317.99	322.16	302.93	p<0.001	375.21	577.41	365.79	420.05	389.20	p<0.001
19-Sep	313.09	305.98	320.69	293.58	p<0.001	360.22	550.42	359.19	404.94	389.27	p<0.001
19-Oct	366.21	363.40	374.93	342.03	p<0.001	413.72	636.40	424.74	472.39	456.08	p<0.001
19-Nov	315.38	316.99	327.26	297.25	p<0.001	352.30	557.69	367.09	406.51	394.27	p<0.001
19-Dec	316.43	333.92	340.40	313.87	p<0.001	369.01	577.42	384.39	420.49	422.11	p<0.001
20-Jan	324.86	321.47	335.14	298.50	p<0.001	360.35	568.93	373.36	412.57	405.44	p<0.001
20-Feb	294.68	299.89	310.49	274.70	p<0.001	343.49	533.70	350.19	386.57	366.29	p<0.001
20-Mar	224.44	258.37	250.00	232.17	p<0.001	299.20	488.75	297.33	322.48	307.62	p<0.001
20-Apr	109.30	160.21	135.37	151.37	p<0.001	202.19	355.62	186.80	206.42	191.98	p<0.001
20-May	153.45	222.92	196.01	198.02	p<0.001	260.08	426.96	253.76	270.78	261.89	p<0.001
20-Jun	234.49	291.66	281.42	252.68	p<0.001	326.40	517.56	329.16	361.54	348.52	p<0.001
20-Jul	261.08	294.68	297.34	260.09	p<0.001	337.44	530.77	341.47	365.08	356.46	p<0.001
20-Aug	257.85	289.72	297.86	254.00	p<0.001	329.12	526.46	339.40	359.45	358.54	p<0.001
20-Sep	295.35	312.19	321.63	277.30	p<0.001	367.93	557.17	366.70	390.29	385.11	p<0.001
20-Oct	321.92	336.60	342.81	301.99	p<0.001	385.40	588.58	391.37	417.01	409.84	p<0.001
20-Nov	282.11	304.54	300.35	269.96	p<0.001	346.84	524.51	347.31	373.10	366.99	p<0.001

20-Dec	288.53	331.00	323.39	284.93	p<0.001	370.50	556.96	376.40	395.56	402.11	p<0.001
21-Jan	269.44	282.21	286.05	245.19	p<0.001	325.30	509.01	332.23	344.76	346.62	p<0.001
21-Feb	254.17	277.14	284.95	251.13	p<0.001	327.90	496.35	326.55	347.27	335.76	p<0.001
21-Mar	329.97	345.83	352.14	299.28	p<0.001	384.09	597.14	401.60	423.20	416.11	p<0.001
21-Apr	308.81	319.69	331.27	284.57	p<0.001	364.67	571.75	377.97	393.20	386.59	p<0.001
21-May	270.62	291.81	285.33	242.12	p<0.001	337.28	524.71	339.01	354.52	353.86	p<0.001
21-Jun	248.24	281.67	253.09	217.23	p<0.001	299.85	461.14	308.82	329.93	325.86	p<0.001
Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	

Abbreviation: CVD, cardiovascular disease; AMI, acute myocardial infarction; HF, heart failure; IHD, ischemic heart disease; AF, atrial fibrillation

Note: The numbers are the corresponding estimates for Figure 2. For age groups, sex, and urbanicity, the differences between the subgroups in the numbers of in-person outpatient encounters were tested using Welch's 2-tail t-test by each month. For census regions (Northeast, South, Midwest, and West) and sub-CVD diseases (AMI, HF, IHD, stroke, and AF), the differences between the subgroups were tested using one-way ANOVA by each month. The corresponding p-values for the test statistics were reported on the columns right to the comparison groups. The month-to-month changes from February 2020 (the month before the pandemic) to June 2020, and the changes between February 2020 and June 2021 were tested using Welch's 2-tail t-test for all and the subgroups. The corresponding p-values for the test statistics were reported at the bottom of each panel.

**Table S3. The proportion of telehealth to total outpatient encounters by all and subsamples from January 2019 to June 2021 using the MarketScan® Commercial Claims and Encounters Database.**

Month	The proportion of telehealth to total outpatient encounters, %									
	All	Age Group		P-value	Sex		P-value	Urbanicity		P-value
		Aged 18-34	Aged 35-64		Male	Female		Urban	Rural	
19-Jan	0.04	0.09	0.04	p=0.0046	0.03	0.05	p=0.0198	0.05	0.03	p=0.0528
19-Feb	0.05	0.09	0.04	p=0.0003	0.03	0.06	p=0.0012	0.05	0.02	p=0.0170
19-Mar	0.04	0.10	0.04	p<0.001	0.03	0.05	p=0.0185	0.05	0.03	p=0.0588
19-Apr	0.05	0.13	0.04	p<0.001	0.03	0.06	p=0.0041	0.05	0.03	p=0.0062
19-May	0.05	0.12	0.04	p<0.001	0.03	0.06	p=0.0010	0.05	0.03	p=0.0834
19-Jun	0.05	0.14	0.05	p<0.001	0.04	0.06	p=0.0031	0.05	0.06	p=0.4145
19-Jul	0.06	0.17	0.05	p<0.001	0.04	0.07	p<0.001	0.06	0.06	p=0.7320
19-Aug	0.06	0.18	0.05	p<0.001	0.04	0.07	p=0.0017	0.06	0.06	p=0.6227
19-Sep	0.06	0.19	0.05	p<0.001	0.04	0.08	p<0.001	0.06	0.07	p=0.9390
19-Oct	0.06	0.17	0.05	p<0.001	0.04	0.07	p<0.001	0.06	0.06	p=0.1097
19-Nov	0.07	0.19	0.06	p<0.001	0.05	0.08	p<0.001	0.07	0.07	p=0.5923
19-Dec	0.07	0.17	0.06	p<0.001	0.05	0.08	p<0.001	0.07	0.06	p=0.3543
20-Jan	0.09	0.27	0.08	p<0.001	0.06	0.11	p<0.001	0.09	0.08	p=0.0516
20-Feb	0.10	0.24	0.09	p<0.001	0.07	0.12	p<0.001	0.10	0.08	p=0.1751
20-Mar	2.63	4.70	2.46	p<0.001	2.20	2.99	p<0.001	2.81	1.46	p<0.001
20-Apr	14.83	20.94	14.24	p<0.001	12.29	17.09	p<0.001	15.61	9.92	p<0.001
20-May	9.21	14.68	8.72	p<0.001	7.82	10.37	p<0.001	9.83	5.38	p<0.001
20-Jun	5.79	10.79	5.37	p<0.001	4.90	6.49	p<0.001	6.22	3.08	p<0.001
20-Jul	5.34	10.43	4.93	p<0.001	4.44	6.04	p<0.001	5.72	2.89	p<0.001
20-Aug	4.86	9.53	4.49	p<0.001	4.02	5.53	p<0.001	5.22	2.61	p<0.001
20-Sep	4.36	9.29	3.97	p<0.001	3.51	5.04	p<0.001	4.67	2.33	p<0.001
20-Oct	4.03	8.52	3.67	p<0.001	3.25	4.65	p<0.001	4.31	2.23	p<0.001
20-Nov	4.51	9.53	4.11	p<0.001	3.66	5.17	p<0.001	4.80	2.63	p<0.001
20-Dec	5.01	10.06	4.62	p<0.001	4.15	5.71	p<0.001	5.33	2.95	p<0.001
21-Jan	5.40	10.65	4.96	p<0.001	4.35	6.24	p<0.001	5.74	3.18	p<0.001
21-Feb	5.03	10.62	4.56	p<0.001	4.01	5.85	p<0.001	5.35	2.89	p<0.001
21-Mar	4.11	9.08	3.70	p<0.001	3.24	4.81	p<0.001	4.42	2.09	p<0.001
21-Apr	3.81	8.55	3.42	p<0.001	3.01	4.46	p<0.001	4.10	1.95	p<0.001
21-May	3.59	8.59	3.20	p<0.001	2.78	4.26	p<0.001	3.87	1.84	p<0.001
21-Jun	3.29	8.41	2.91	p<0.001	2.57	3.84	p<0.001	3.56	1.53	p<0.001



Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001		p<0.001	p<0.001		
	Census regions					Sub-CVD Diseases					
Month	Northeast	South	Midwest	West	P-value	AMI	HF	IHD	Stroke	AF	P-value
19-Jan	0.04	0.04	0.04	0.07	p=0.0258	0.02	0.02	0.03	0.03	0.03	p=0.8582
19-Feb	0.04	0.04	0.04	0.08	p=0.0041	0.02	0.02	0.02	0.03	0.03	p=0.3495
19-Mar	0.04	0.05	0.03	0.08	p<0.001	0.02	0.02	0.03	0.03	0.03	p=0.2411
19-Apr	0.03	0.05	0.03	0.12	p<0.001	0.03	0.02	0.03	0.04	0.04	p=0.0574
19-May	0.04	0.04	0.03	0.11	p<0.001	0.05	0.02	0.03	0.03	0.04	p=0.9030
19-Jun	0.06	0.06	0.03	0.10	p<0.001	0.03	0.03	0.03	0.04	0.04	p=0.7946
19-Jul	0.06	0.06	0.04	0.10	p<0.001	0.04	0.03	0.04	0.04	0.05	p=0.7391
19-Aug	0.06	0.06	0.03	0.09	p<0.001	0.03	0.03	0.03	0.05	0.03	p=0.5067
19-Sep	0.07	0.07	0.03	0.09	p<0.001	0.04	0.03	0.04	0.06	0.04	p=0.3498
19-Oct	0.05	0.06	0.04	0.11	p<0.001	0.04	0.03	0.03	0.04	0.05	p=0.4107
19-Nov	0.07	0.08	0.03	0.10	p<0.001	0.06	0.04	0.05	0.05	0.04	p=0.4443
19-Dec	0.09	0.07	0.03	0.12	p<0.001	0.12	0.06	0.05	0.05	0.04	p=0.2298
20-Jan	0.13	0.08	0.05	0.19	p<0.001	0.05	0.03	0.06	0.09	0.06	p=0.8801
20-Feb	0.12	0.10	0.05	0.19	p<0.001	0.05	0.05	0.06	0.07	0.05	p=0.5142
20-Mar	5.04	2.05	2.31	3.06	p<0.001	2.04	1.58	2.09	2.38	1.99	p=0.0032
20-Apr	25.26	12.31	15.05	14.66	p<0.001	11.36	8.74	12.30	13.15	11.92	p<0.001
20-May	17.99	6.99	9.38	9.82	p<0.001	7.22	5.96	7.45	8.68	7.48	p<0.001
20-Jun	10.97	4.40	5.45	6.96	p<0.001	4.43	3.84	4.55	5.47	4.43	p<0.001
20-Jul	8.63	4.54	4.46	6.98	p<0.001	3.98	3.59	4.17	5.15	3.95	p<0.001
20-Aug	7.76	4.14	4.02	6.65	p<0.001	3.51	3.12	3.70	4.80	3.53	p<0.001
20-Sep	6.95	3.60	3.73	6.06	p<0.001	2.98	2.87	3.26	4.22	3.26	p<0.001
20-Oct	6.47	3.22	3.62	5.61	p<0.001	2.78	2.57	3.03	3.87	3.03	p<0.001
20-Nov	7.25	3.42	4.52	6.16	p<0.001	3.23	2.81	3.35	4.14	3.35	p<0.001
20-Dec	8.39	3.79	4.88	7.09	p<0.001	3.70	3.19	3.82	4.65	3.84	p<0.001

21-Jan	8.45	4.25	4.97	7.97	p<0.001	3.69	3.41	4.06	4.96	4.00	p<0.001
21-Feb	8.52	3.89	4.59	6.92	p<0.001	3.57	3.23	3.70	4.57	3.76	p<0.001
21-Mar	7.10	3.07	3.75	5.92	p<0.001	2.79	2.54	2.92	3.82	2.95	p<0.001
21-Apr	6.57	2.82	3.58	5.41	p<0.001	2.65	2.26	2.62	3.55	2.74	p<0.001
21-May	6.33	2.65	3.35	5.17	p<0.001	2.18	2.14	2.47	3.23	2.43	p<0.001
21-Jun	5.93	2.41	3.15	4.69	p<0.001	2.17	1.98	2.32	3.13	2.21	p<0.001
Test difference between Feb-20 and Mar-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Mar-20 and Apr-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Apr-20 and May-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between May-20 and Jun-20	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	
Test difference between Feb-20 and Jun-21	p<0.001	p<0.001	p<0.001	p<0.001		p<0.001	p<0.001	p<0.001	p<0.001	p<0.001	

Abbreviation: CVD, cardiovascular disease; AMI, acute myocardial infarction; HF, heart failure; IHD, ischemic heart disease; AF, atrial fibrillation

Note: The numbers are the corresponding estimates for Figure 3. For age groups, sex, and urbanicity, the differences between the subgroups in the proportions of telehealth to total outpatient encounters were tested using Welch's 2-tail t-test by each month. For census regions (Northeast, South, Midwest, and West) and sub-CVD diseases (AMI, HF, IHD, stroke, and AF), the differences between the subgroups were tested using one-way ANOVA by each month. The corresponding p-values for the test statistics were reported on the columns right to the comparison groups. The month-to-month changes from February 2020 (the month before the pandemic) to June 2020, and the changes between February 2020 and June 2021 were tested using Welch's 2-tail t-test for all and the subgroups. The corresponding p-values for the test statistics were reported at the bottom of each panel.