

Supplemental Information

SUPPLEMENTAL TABLE 5 Diagnoses Arranged by Frequency in the Comparator Period for Each *ICD-10-CM* Diagnosis Chapter With Percent Change During the Pandemic Period

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Injury, poisoning and certain other consequences of external causes				
Superficial injury; contusion, initial encounter	37 005	19 403	–47.6%	–17 602
Other unspecified injury	27 929	14 667	–47.5%	–13 262
Open wounds of head and neck, initial encounter	26 738	22 026	–17.6%	–4712
Fracture of the upper limb, initial encounter	25 244	17 615	–30.2%	–7629
Sprains and strains, initial encounter	13 776	5341	–61.2%	–8435
Open wounds to limbs, initial encounter	12 015	10 981	–8.6%	–1034
Fracture of the lower limb (except hip), initial encounter	8390	6225	–25.8%	–2165
Effect of foreign body entering opening, initial encounter	7943	6871	–13.5%	–1072
Traumatic brain injury; concussion, initial encounter	6698	3945	–41.1%	–2753
Allergic reactions	5390	3690	–31.5%	–1700
Dislocations, initial encounter	5075	3881	–23.5%	–1194
Burn and corrosion, initial encounter	3344	2870	–14.2%	–474
Complication of other surgical or medical care, injury, initial encounter	3223	2492	–22.7%	–731
Fracture of head and neck, initial encounter	3205	2635	–17.8%	–570
Maltreatment or abuse	3125	2668	–14.6%	–457
Toxic effects, initial encounter	2693	1970	–26.8%	–723
Poisoning by drugs, initial encounter	2414	2218	–8.1%	–196
Other specified injury	1455	706	–51.5%	–749
Open wounds of trunk, initial encounter	1030	898	–12.8%	–132
Effect of other external causes, initial encounter	989	578	–41.6%	–411
Fracture of the upper limb, subsequent encounter	765	362	–52.7%	–403
Complication of cardiovascular device, implant or graft, initial encounter	679	607	–10.6%	–72
Open wounds of head and neck, subsequent encounter	674	594	–11.8%	–80
Internal organ injury, initial encounter	623	603	–3.2%	–20
Crushing injury, initial encounter	551	443	–19.6%	–108
Open wounds to limbs, subsequent encounter	460	427	–7.1%	–33
Fracture of torso, initial encounter	358	253	–29.3%	–105
Fracture of the spine and back, initial encounter	333	320	–3.8%	–13
Fracture of lower limb (except hip), subsequent encounter	321	177	–44.9%	–144
Amputation of a limb, initial encounter	285	270	–5.4%	–15
Adverse effects of drugs and medicaments, initial encounter	275	118	–57.1%	–157
Injury to nerves, muscles and tendons, initial encounter	266	200	–24.8%	–66
Drug induced or toxic related condition	193	134	–30.6%	–59
Complication of genitourinary device, implant or graft, initial encounter	188	148	–21.4%	–40
Fracture of the neck of the femur (hip), initial encounter	185	160	–13.7%	–25
Other unspecified injuries, subsequent encounter	171	80	–53.1%	–91
Superficial injury; contusion, subsequent encounter	169	51	–69.9%	–118
Complication of transplanted organs or tissue, initial encounter	153	138	–10.0%	–15
Injury, sequela	107	70	–34.6%	–37
Burns and corrosion, subsequent encounter	83	55	–33.7%	–28
Traumatic brain injury; concussion, subsequent encounter	75	25	–66.8%	–50
Complication of internal orthopedic device or implant, initial encounter	75	43	–42.4%	–32
Sprains and strains, subsequent encounter	69	8	–88.5%	–61
Effect of foreign body entering opening, subsequent encounter	48	36	–25.5%	–12
Injury to blood vessels, initial encounter	39	42	6.8%	3
Complication of other surgical or medical care, injury, subsequent encounter	36	19	–47.2%	–17
Spinal cord injury, initial encounter	33	32	–3.0%	–1
Dislocations, subsequent encounter	31	10	–67.7%	–21
Fracture of head and neck, subsequent encounter	26	18	–29.9%	–8
Open wounds of trunk, subsequent encounter	25	25	–1.3%	0
Allergic reactions, subsequent encounter	18	6	–67.3%	–12

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period		Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019				
		<i>n</i>	<i>n</i>		
Amputation of a limb, subsequent encounter	11	7		−36.4%	−4
Other specified injury, subsequent encounter	11	2		−81.8%	−9
Crushing injury, subsequent encounter	10	8		−20.0%	−2
Toxic effects, subsequent encounter	9	12		28.6%	3
Fracture of torso, subsequent encounter	9	4		−55.6%	−5
Fracture of the spine and back, subsequent encounter	8	5		−40.0%	−3
Maltreatment or abuse, subsequent encounter	7	3		−59.1%	−4
Complication, sequela	5	2		−57.1%	−3
Injury to nerves, muscles and tendons, subsequent encounter	5	1		−78.6%	−4
Internal organ injury, subsequent encounter	4	5		15.4%	1
Poisoning by drugs, subsequent encounter	4	3		−25.0%	−1
Amputation of other body parts, initial encounter	4	3		−18.2%	−1
Fracture of the neck of the femur (hip), subsequent encounter	3	0		−100.0%	−3
Complication of internal orthopedic device or implant, subsequent encounter	3	0		−100.0%	−3
Effect of other external causes, sequela	2	0		−100.0%	−2
Complication of cardiovascular device, implant or graft, subsequent encounter	2	2		0.0%	−2
Effect of other external causes, subsequent encounter	1	1		−25.0%	0
Poisoning, toxic effect, adverse effects, or underdosing, sequela	1	3		125.0%	2
Complication of genitourinary device, implant or graft, subsequent encounter	1	0		−100.0%	−1
Spinal cord injury, subsequent encounter	1	0		−100.0%	−1
Adverse effects of drugs and medicaments, subsequent encounter	0	1		200.0%	1
Injury to blood vessels, subsequent encounter	0	1			1
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified					
Abdominal pain and other digestive or abdomen signs and symptoms	37 384	19 246		−48.5%	−18 138
Fever	36 087	23 745		−34.2%	−12 342
Nausea and vomiting	25 743	8781		−65.9%	−16 962
Respiratory signs and symptoms	20 721	11 441		−44.8%	−9280
Skin or subcutaneous signs and symptoms	11 219	5219		−53.5%	−6000
Other general signs and symptoms	7452	4821		−35.3%	−2631
Syncope	4576	2695		−41.1%	−1881
Nervous system signs and symptoms	3285	2520		−23.3%	−765
Genitourinary signs and symptoms	3134	1937		−38.2%	−1197
Circulatory signs and symptoms	2418	1968		−18.6%	−450
Symptoms of mental and substance use conditions	2121	1828		−13.8%	−293
General sensation or perception signs and symptoms	1920	1056		−45.0%	−864
Abnormal findings without diagnosis	919	629		−31.5%	−290
Malaise and fatigue	826	577		−30.1%	−249
Dysphagia	305	273		−10.4%	−32
Shock	14	10		−26.8%	−4
Diseases of the respiratory system					
Other specified upper respiratory infections	92 103	28 015		−69.6%	−64 088
Asthma	23 950	6245		−73.9%	−17 705
Acute bronchitis	11 565	2571		−77.8%	−8994
Pneumonia (except that caused by tuberculosis)	8887	2695		−69.7%	−6192
Influenza	5250	981		−81.3%	−4269
Other specified and unspecified lower respiratory disease	3698	1302		−64.8%	−2396
Other specified and unspecified upper respiratory disease	2968	1319		−55.6%	−1649
Respiratory failure, insufficiency, arrest	2922	1276		−56.3%	−1646
Acute and chronic tonsillitis	2511	1209		−51.8%	−1302
Sinusitis	1793	306		−82.9%	−1487
Postprocedural or postoperative respiratory system complication	851	450		−47.1%	−401
Aspiration pneumonitis	464	218		−53.1%	−246
Pleurisy, pleural effusion, and pulmonary collapse	282	204		−27.7%	−78

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Pneumothorax	214	150	−30.0%	−64
Chronic obstructive pulmonary disease and bronchiectasis	128	68	−46.7%	−60
Lung disease due to external agents	56	64	14.3%	8
Mediastinal disorders	7	6	−18.2%	−1
Diseases of the digestive system				
Other specified and unspecified gastrointestinal disorders	16 636	9548	−42.6%	−7088
Noninfectious gastroenteritis	12 844	3357	−73.9%	−9487
Diseases of mouth; excluding dental	11 144	3039	−72.7%	−8105
Intestinal infection	9857	3004	−69.5%	−6853
Appendicitis and other appendiceal conditions	4886	4937	1.0%	51
Disorders of teeth and gingiva	4287	3224	−24.8%	−1063
Esophageal disorders	3212	2204	−31.4%	−1008
Gastritis and duodenitis	2716	1457	−46.4%	−1259
Postprocedural or postoperative digestive system complication	2363	1939	−17.9%	−424
Gastrointestinal hemorrhage	2201	1379	−37.4%	−822
Intestinal obstruction and ileus	1716	1081	−37.0%	−635
Abdominal hernia	904	764	−15.5%	−140
Biliary tract disease	853	734	−14.0%	−119
Regional enteritis and ulcerative colitis	726	575	−20.8%	−151
Anal and rectal conditions	617	336	−45.5%	−281
Pancreatic disorders (excluding diabetes)	513	440	−14.3%	−73
Peritonitis and intraabdominal abscess	403	292	−27.5%	−111
Other specified and unspecified disorders of stomach and duodenum	217	112	−48.4%	−105
Hemorrhoids	172	101	−41.3%	−71
Other specified and unspecified liver disease	120	95	−20.6%	−25
Diverticulosis and diverticulitis	112	79	−29.3%	−33
Gastroduodenal ulcer	47	35	−25.0%	−12
Hepatic failure	28	16	−42.9%	−12
Noninfectious hepatitis	28	16	−42.2%	−12
Gastrointestinal and biliary perforation	12	18	54.3%	6
Diseases of the ear and mastoid process				
Otitis media	33 551	8342	−75.1%	−25 209
Other specified and unspecified disorders of the ear	8716	5008	−42.5%	−3708
Diseases of middle ear and mastoid (except otitis media)	865	300	−65.3%	−565
Diseases of inner ear and related conditions	93	63	−32.3%	−30
Hearing loss	44	22	−50.0%	−22
Postprocedural or postoperative ear and/or mastoid process complication	17	12	−28.0%	−5
Diseases of the skin and subcutaneous tissue				
Skin and subcutaneous tissue infections	19 621	11 446	−41.7%	−8175
Other specified inflammatory condition of skin	10 404	4894	−53.0%	−5510
Other specified and unspecified skin disorders	5998	2796	−53.4%	−3202
Contact dermatitis	4788	2263	−52.7%	−2525
Postprocedural or postoperative skin complication	138	103	−25.5%	−35
Pressure ulcer of skin	82	43	−47.6%	−39
Nonpressure ulcer of skin	52	39	−25.0%	−13
Certain infectious and parasitic diseases				
Viral infection	26 361	12 658	−52.0%	−13 703
Fungal infections	1897	798	−57.9%	−1099
Parasitic, other specified and unspecified infections	1877	765	−59.2%	−1112
Septicemia	1305	1286	−1.5%	−19
Bacterial infections	1157	384	−66.8%	−773
Sexually transmitted infections (excluding HIV and hepatitis)	331	301	−9.1%	−30
Hepatitis	40	40	0.8%	0
Foodborne intoxications	21	37	73.4%	16
Tuberculosis	18	24	33.3%	6
HIV infection	16	10	−37.5%	−6

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period		Percent Change	Absolute Change
	March 15 to June 30, 2017–2019			
	<i>n</i>	<i>n</i>		
Sequela of specified infectious disease conditions	1	3	200.0%	2
COVID-19	0	7414	n/a	n/a
Diseases of the nervous system				
Headache, including migraine	14 451	6840	−52.7%	−7611
Epilepsy, convulsions	13 546	9071	−33.0%	−4475
Nervous system pain and pain syndromes	1069	484	−54.7%	−585
Other specified nervous system disorders	726	599	−17.5%	−127
Sleep wake disorders	589	434	−26.3%	−155
Meningitis	573	151	−73.7%	−422
Nerve and nerve root disorders	517	506	−2.1%	−11
Other specified hereditary and degenerative nervous system conditions	415	294	−29.1%	−121
Neurocognitive disorders	274	89	−67.5%	−185
Encephalitis	176	115	−34.5%	−61
Postprocedural or postoperative nervous system complication	147	87	−41.0%	−60
Coma, stupor, and brain damage	119	83	−30.4%	−36
Polyneuropathies	86	66	−23.0%	−20
Myopathies	71	28	−60.4%	−43
Multiple sclerosis	52	37	−29.3%	−15
Cerebral palsy	52	32	−38.5%	−20
CNS abscess	40	25	−38.0%	−15
Paralysis (other than cerebral palsy)	34	30	−10.9%	−4
Transient cerebral ischemia	29	16	−45.5%	−13
Other specified central nervous system infection and poliomyelitis	7	0	−100.0%	−7
Parkinson disease	3	2	−33.3%	−1
Diseases of the genitourinary system				
Urinary tract infections	12 548	9158	−27.0%	−3390
Other specified male genital disorders	3669	3057	−16.7%	−612
Inflammatory conditions of male genital organs	2192	1655	−24.5%	−537
Inflammatory diseases of female pelvic organs	2160	1332	−38.3%	−828
Other specified female genital disorders	1517	1080	−28.8%	−437
Benign ovarian cyst	803	712	−11.3%	−91
Nonmalignant breast conditions	782	485	−38.0%	−297
Menstrual disorders	663	567	−14.5%	−96
Hematuria	662	372	−43.8%	−290
Calculus of urinary tract	605	627	3.7%	22
Other specified and unspecified diseases of kidney and ureters	518	495	−4.5%	−23
Nephritis; nephrosis; renal sclerosis	440	279	−36.5%	−161
Acute and unspecified renal failure	281	213	−24.3%	−68
Postprocedural or postoperative genitourinary system complication	188	143	−23.9%	−45
Chronic kidney disease	127	91	−28.2%	−36
Other specified and unspecified diseases of bladder and urethra	124	89	−28.2%	−35
Urinary incontinence	105	56	−46.8%	−49
Proteinuria	24	5	−79.5%	−19
Vesicoureteral reflux	22	20	−10.4%	−2
Endometriosis	22	12	−44.6%	−10
Prolapse of female genital organs	17	14	−17.6%	−3
Hyperplasia of prostate	15	16	9.1%	1
Menopausal disorders	13	3	−76.9%	−10
Female infertility	5	5	0.0%	0
Erectile dysfunction	2	3	80.0%	1
Diseases of the musculoskeletal system and connective tissue				
Musculoskeletal pain, not low back pain	14 287	7377	−48.4%	−6910
Spondylopathies or spondyloarthropathy (including infective)	3083	1660	−46.2%	−1423
Other specified bone disease and musculoskeletal deformities	2181	1226	−43.8%	−955
Low back pain	1898	958	−49.5%	−940
Other specified joint disorders	1236	641	−48.1%	−595

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Other specified connective tissue disease	1047	563	−46.2%	−484
Tendon and synovial disorders	869	444	−48.9%	−425
Muscle disorders	813	423	−48.0%	−390
Systemic lupus erythematosus and connective tissue disorders	552	496	−10.1%	−56
Osteomyelitis	350	336	−4.1%	−14
Infective arthritis	193	145	−24.7%	−48
Disorders of jaw	166	103	−38.1%	−63
Pathologic fracture, initial encounter	98	85	−13.3%	−13
Acquired deformities (excluding foot)	93	39	−57.9%	−54
Juvenile arthritis	87	42	−51.7%	−45
Osteoarthritis	70	48	−31.8%	−22
Scoliosis and other postural dorsopathic deformities	67	38	−43.3%	−29
Immune-mediated or reactive arthropathies	48	24	−49.7%	−24
Acquired foot deformities	45	18	−60.3%	−27
Stress fracture, initial encounter	43	20	−53.5%	−23
Postprocedural or postoperative musculoskeletal system complication	36	19	−46.7%	−17
Gout	33	14	−58.0%	−19
Autoinflammatory syndromes	24	32	33.3%	8
Rheumatoid arthritis and related disease	17	8	−52.9%	−9
Aseptic necrosis and osteonecrosis	16	7	−57.1%	−9
Musculoskeletal abscess	13	13	−2.5%	0
Osteoporosis	8	3	−64.0%	−5
Pathologic fracture, subsequent encounter	4	1	−76.9%	−3
Stress fracture, subsequent encounter	3	0	−100.0%	−3
Biomechanical lesions	2	3	28.6%	1
Crystal arthropathies (excluding gout)	2	0	−100.0%	−2
Traumatic arthropathy	1	4	200.0%	3
Atypical fracture, initial encounter	1	3	350.0%	2
Neurogenic/neuropathic arthropathy	0	1	200.0%	1
Mental, behavioral and neurodevelopmental disorders				
Depressive disorders	5684	3476	−38.8%	−2208
Suicidal ideation or attempt or intentional self-harm	3918	3760	−4.0%	−158
Anxiety and fear-related disorders	2626	2124	−19.1%	−502
Disruptive, impulse-control and conduct disorders	2606	1364	−47.7%	−1242
Trauma- and stressor-related disorders	1963	1220	−37.9%	−743
Other specified and unspecified mood disorders	1629	1094	−32.8%	−535
Neurodevelopmental disorders	1570	1005	−36.0%	−565
Alcohol-related disorders	432	350	−18.9%	−82
Schizophrenia spectrum and other psychotic disorders	383	322	−16.0%	−61
Bipolar and related disorders	355	202	−43.2%	−153
Miscellaneous mental and behavioral disorders or conditions	347	115	−66.9%	−232
Cannabis-related disorders	338	299	−11.5%	−39
Feeding and eating disorders	293	330	12.8%	37
Other specified substance-related disorders	125	125	0.0%	0
Somatic disorders	96	57	−40.4%	−39
Stimulant-related disorders	82	84	2.0%	2
Personality disorders	70	19	−73.0%	−51
Obsessive-compulsive and related disorders	59	50	−14.8%	−9
Opioid-related disorders	35	42	20.0%	7
Sedative-related disorders	26	24	−7.7%	−2
Hallucinogen-related disorders	15	36	134.8%	21
Tobacco-related disorders	6	1	−82.4%	−5
Inhalant-related disorders	5	3	−35.7%	−2
Mental and substance use disorders in remission	5	4	−14.3%	−1
Suicide attempt or intentional self-harm, subsequent encounter	1	1	50.0%	0

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Factors influencing health status and contact with health services				
Encounter for observation and examination for conditions ruled out (excludes infectious disease, neoplasm, mental disorders)	6086	3477	−42.9%	−2609
Other specified status	5770	1917	−66.8%	−3853
Other aftercare encounter	3462	2306	−33.4%	−1156
Exposure, encounters, screening or contact with infectious disease	1437	5823	305.1%	4386
Implant, device-, or graft-related encounter	1163	902	−22.4%	−261
Medical examination/evaluation	651	601	−7.7%	−50
Socioeconomic and/or psychosocial factors	410	374	−8.7%	−36
Other specified encounters and counseling	270	213	−21.2%	−57
Encounter for administrative purposes	185	144	−22.3%	−41
Personal/family history of disease	121	62	−48.6%	−59
Encounter for mental health conditions	106	30	−71.6%	−76
Encounter for prophylactic measures (excludes immunization)	95	79	−16.5%	−16
Neoplasm-related encounters	91	114	24.8%	23
Lifestyle or life management factors	58	34	−41.4%	−24
Encounter for antineoplastic therapies	49	60	21.6%	11
Contraceptive and procreative management	11	2	−81.8%	−9
Acquired absence of limb or organ	11	2	−81.3%	−9
Organ transplant status	8	4	−50.0%	−4
Encounter for prophylactic or other procedures	7	5	−25.0%	−2
No immunization or underimmunization	2	0	−100.0%	−2
Counseling related to sexual behavior or orientation	2	2	0.0%	0
Carrier status	2	3	80.0%	1
Screening for neurocognitive or neurodevelopmental condition	1	1	0.0%	0
Encounter for mental health services related to abuse	1	4	500.0%	3
Diseases of the eye and adnexa				
Cornea and external disease	12 749	3481	−72.7%	−9268
Other specified eye disorders	2187	1043	−52.3%	−1144
Oculofacial plastics and orbital conditions	1101	555	−49.6%	−546
Blindness and vision defects	418	264	−36.9%	−154
Neuro-ophthalmology	181	169	−6.6%	−12
Uveitis and ocular inflammation	107	49	−54.2%	−58
Strabismus	64	53	−16.8%	−11
Retinal and vitreous conditions	40	38	−5.8%	−2
Glaucoma	17	16	−5.9%	−1
Refractive error	12	4	−67.6%	−8
Cataract and other lens disorders	9	7	−25.0%	−2
Postprocedural or postoperative eye complication	6	8	26.3%	2
Diseases of the circulatory system				
Nonspecific chest pain	8382	5846	−30.3%	−2536
Other specified diseases of veins and lymphatics	1813	1057	−41.7%	−756
Cardiac dysrhythmias	654	455	−30.5%	−199
Essential hypertension	402	262	−34.8%	−140
Hypotension	290	180	−37.9%	−110
Acute phlebitis; thrombophlebitis and thromboembolism	172	138	−19.6%	−34
Cardiac arrest and ventricular fibrillation	169	180	6.5%	11
Hypertension with complications and secondary hypertension	151	104	−31.1%	−47
Heart failure	148	128	−13.3%	−20
Acute hemorrhagic cerebrovascular disease	119	122	2.2%	3
Conduction disorders	99	59	−40.4%	−40
Pericarditis and pericardial disease	98	69	−29.4%	−29
Myocarditis and cardiomyopathy	77	52	−32.8%	−25
Cerebral infarction	69	63	−8.3%	−6
Peripheral and visceral vascular disease	57	49	−14.0%	−8
Acute pulmonary embolism	44	38	−13.6%	−6
Pulmonary heart disease	44	34	−22.7%	−10

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period		Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019				
		<i>n</i>	<i>n</i>		
Other and ill-defined cerebrovascular disease	29	37	29.1%	8	
Other and ill-defined heart disease	28	22	−21.4%	−6	
Other specified and unspecified circulatory disease	26	25	−5.1%	−1	
Gangrene	26	15	−42.3%	−11	
Nonrheumatic and unspecified valve disorders	26	22	−15.4%	−4	
Postprocedural or postoperative circulatory system complication	22	23	4.5%	1	
Acute rheumatic heart disease	17	4	−76.0%	−13	
Endocarditis and endocardial disease	16	22	34.7%	6	
Postthrombotic syndrome and venous insufficiency or hypertension	13	10	−23.1%	−3	
Varicose veins of lower extremity	13	19	46.2%	6	
Aortic, peripheral, and visceral artery aneurysms	13	9	−28.9%	−4	
Coronary atherosclerosis and other heart disease	12	6	−51.4%	−6	
Chronic phlebitis; thrombophlebitis and thromboembolism	11	5	−54.5%	−6	
Acute myocardial infarction	8	3	−60.9%	−5	
Sequela of cerebral infarction and other cerebrovascular disease	7	7	0.0%	0	
Aortic and peripheral arterial embolism or thrombosis	6	4	−36.8%	−2	
Chronic rheumatic heart disease	5	5	−6.3%	0	
Arterial dissections	5	6	28.6%	1	
Occlusion or stenosis of precerebral or cerebral arteries without infarction	5	4	−14.3%	−1	
Sequela of hemorrhagic cerebrovascular disease	2	1	−57.1%	−1	
Endocrine, nutritional and metabolic diseases					
Fluid and electrolyte disorders	5552	2740	−50.6%	−2812	
Diabetes mellitus with complication	3681	3274	−11.1%	−407	
Other specified and unspecified endocrine disorders	577	381	−34.0%	−196	
Other specified and unspecified nutritional and metabolic disorders	436	270	−38.1%	−166	
Diabetes mellitus without complication	297	224	−24.7%	−73	
Malnutrition	280	278	−0.8%	−2	
Cystic fibrosis	225	93	−58.7%	−132	
Thyroid disorders	140	90	−35.7%	−50	
Pituitary disorders	91	54	−40.4%	−37	
Nutritional deficiencies	24	29	20.8%	5	
Obesity	18	10	−43.4%	−8	
Postprocedural or postoperative endocrine or metabolic complication	17	3	−82.0%	−14	
Disorders of lipid metabolism	8	5	−40.0%	−3	
Certain conditions originating in the perinatal period					
Other specified and unspecified perinatal conditions	2667	1950	−26.9%	−717	
Neonatal digestive and feeding disorders	2030	1508	−25.7%	−522	
Hemolytic jaundice and perinatal jaundice	1928	1640	−14.9%	−288	
Perinatal infections	1019	546	−46.4%	−473	
Respiratory perinatal condition	878	632	−28.0%	−246	
Hemorrhagic and hematologic disorders of newborn	258	203	−21.2%	−55	
Neonatal acidemia and hypoxia	204	124	−39.1%	−80	
Newborn affected by maternal conditions or complications of labor or delivery	122	66	−45.9%	−56	
Birth trauma	98	73	−25.3%	−25	
Neonatal cerebral disorders	81	91	12.8%	10	
Respiratory distress syndrome	52	52	0.0%	0	
Short gestation, low birth wt, and fetal growth retardation	32	27	−16.5%	−5	
Liveborn	20	32	60.0%	12	
Neonatal abstinence syndrome	17	11	−35.3%	−6	
Fetal alcohol syndrome	1	1	50.0%	0	
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism					
Sickle cell trait or anemia	3975	2515	−36.7%	−1460	

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Coagulation and hemorrhagic disorders	1108	563	−49.2%	−545
Diseases of white blood cells	1052	808	−23.2%	−244
Aplastic anemia	472	302	−36.1%	−170
Nutritional anemia	455	370	−18.7%	−85
Hemolytic anemia	184	101	−45.0%	−83
Immunity disorders	98	41	−58.0%	−57
Acute posthemorrhagic anemia	45	55	21.3%	10
Other specified and unspecified hematologic conditions	23	24	2.9%	1
Congenital malformations, deformations, and chromosomal abnormalities				
Digestive congenital anomalies	772	651	−15.7%	−121
Cardiac and circulatory congenital anomalies	413	292	−29.3%	−121
Musculoskeletal congenital conditions	305	180	−41.0%	−125
Respiratory congenital malformations	291	209	−28.2%	−82
Other specified and unspecified congenital anomalies	199	112	−43.7%	−87
Genitourinary congenital anomalies	193	149	−22.9%	−44
Congenital malformations of eye, ear, face, and/or neck	147	87	−40.7%	−60
Nervous system congenital anomalies	139	112	−19.2%	−27
Chromosomal abnormalities	39	15	−61.5%	−24
Cleft lip or palate	17	3	−82.4%	−14
Neoplasms				
Leukemia: acute lymphoblastic leukemia	502	368	−26.7%	−134
Conditions due to neoplasm or the treatment of neoplasm	496	389	−21.6%	−107
Benign neoplasms	496	365	−26.4%	−131
Nervous system cancers - brain	230	198	−13.8%	−32
Neoplasms of unspecified nature or uncertain behavior	144	114	−20.6%	−30
Non-Hodgkin's lymphoma	84	74	−11.6%	−10
Leukemia: acute myeloid leukemia	57	43	−24.6%	−14
Secondary malignancies	50	42	−16.0%	−8
Bone cancer	49	47	−4.7%	−2
Endocrine system cancers: all other types	47	39	−17.0%	−8
Urinary system cancers - kidney	47	56	20.0%	9
Hodgkin's lymphoma	44	28	−36.8%	−16
Leukemia: all other types	35	26	−25.7%	−9
Sarcoma	31	32	3.2%	1
Gastrointestinal cancers: liver	26	29	11.5%	3
Nervous system cancers: all other types	25	12	−52.0%	−13
Head and neck cancers: eye	15	12	−18.2%	−3
Cancer of other sites	9	3	−66.7%	−6
Female reproductive system cancers: ovary	7	4	−45.5%	−3
Gastrointestinal cancers: all other types	6	7	10.5%	1
Leukemia: chronic myeloid leukemia	6	10	57.9%	4
Male reproductive system cancers: testis	6	8	41.2%	2
Respiratory cancers	6	1	−82.4%	−5
Cardiac cancers	5	6	25.0%	1
Endocrine system cancers: thyroid	4	3	−25.0%	−1
Gastrointestinal cancers: colorectal	4	6	63.6%	2
Urinary system cancers: bladder	4	4	9.1%	0
Head and neck cancers: all other types	3	4	20.0%	1
Myelodysplastic syndrome	3	2	−33.3%	−1
Gastrointestinal cancers: stomach	2	0	−100.0%	−2
Malignant neoplasm, unspecified	2	4	100.0%	2
Gastrointestinal cancers: small intestine	2	0	−100.0%	−2
Head and neck cancers: nasopharyngeal	2	0	−100.0%	−2
Malignant neuroendocrine tumors	2	0	−100.0%	−2
Breast cancer: all other types	1	1	−25.0%	0
Endocrine system cancers: pancreas	1	3	125.0%	2
Female reproductive system cancers: vagina	1	0	−100.0%	−1

SUPPLEMENTAL TABLE 5 Continued

Diagnosis	Comparator Period	Pandemic Period	Percent Change	Absolute Change
	March 15 to June 30, 2017–2019	March 15 to June 30, 2020		
	<i>n</i>	<i>n</i>		
Gastrointestinal cancers: peritoneum	1	2	100.0%	1
Head and neck cancers: salivary gland	1	0	–100.0%	–1
Male reproductive system cancers: prostate	1	0	–100.0%	–1
Skin cancers: all other types	1	0	–100.0%	–1
Urinary system cancers: ureter and renal pelvis	1	1	0.0%	0
Endocrine system cancers: adrenocortical	1	0	–100.0%	–1
Endocrine system cancers: thymus	1	0	–100.0%	–1
Female reproductive system cancers: cervix	1	0	–100.0%	–1
Gastrointestinal cancers: esophagus	1	1	50.0%	0
Head and neck cancers: laryngeal	1	0	–100.0%	–1
Head and neck cancers: lip and oral cavity	1	0	–100.0%	–1
Head and neck cancers: pharyngeal	1	0	–100.0%	–1
Leukemia: chronic lymphocytic leukemia	1	1	50.0%	0
Endocrine system cancers: pituitary gland	0	2	500.0%	2
Pregnancy, childbirth and the puerperium				
Other specified complications in pregnancy	1044	756	–27.6%	–288
Early, first or unspecified trimester hemorrhage	492	400	–18.6%	–92
Spontaneous abortion and complications of spontaneous abortion	152	114	–24.8%	–38
Uncomplicated pregnancy, delivery, or puerperium	101	68	–32.7%	–33
Complications specified during the puerperium	83	72	–13.3%	–11
Molar pregnancy and other abnormal products of conception	40	39	–2.5%	–1
Early or threatened labor	29	35	19.3%	6
Hypertension and hypertensive-related conditions complicating pregnancy; childbirth; and the puerperium	24	11	–54.2%	–13
Ectopic pregnancy and complications of ectopic pregnancy	21	22	3.1%	1
Complications specified during childbirth	19	16	–14.3%	–3
Hemorrhage after first trimester	15	15	2.3%	0
Maternal care for abnormality of pelvic organs	13	6	–55.0%	–7
Maternal care related to fetal conditions	12	14	20.0%	2
Malposition, disproportion, or other labor complications	7	8	9.1%	1
Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	5	6	28.6%	1
Supervision of high-risk pregnancy	5	3	–35.7%	–2
Gestational weeks	4	0	–100.0%	–4
Induced abortion and complications of termination of pregnancy	4	3	–18.2%	–1
Obstetrical-related trauma to perineum and vulva	4	4	9.1%	0
Maternal care related to disorders of the placenta and placental implantation	3	2	–40.0%	–1
Multiple gestation	1	2	50.0%	1
Polyhydramnios and other problems of amniotic cavity	1	2	50.0%	1
Prolonged pregnancy	1	1	50.0%	0