

NEBRASKA

Good Life. Great Mission.

DEPT. OF HEALTH AND HUMAN SERVICES



Pete Ricketts, Governor

December 15, 2021

Patrick O'Donnell, Clerk of the Legislature
State Capitol, Room 2018
P.O. Box 94604
Lincoln, NE 68509

RE: 2019 and 2020 Ambulatory Outpatient Surgical Reports

Dear Mr. O'Donnell:

In accordance with Neb. Rev. Stat. § 81-6,117, please find attached a copy of the 2019 and 2020 Ambulatory Outpatient Surgical Reports. These reports provides the twenty (20) most frequently performed procedures, the number of persons served by county, and the average billed charges for such procedures by county and state of patient residence in Nebraska from January 1, 2019, to December 31, 2019, and January 1, 2020, to December 31, 2020, respectively. Publication of the 2019 report was delayed to allow for additional legal and HIPAA review.

Sincerely,

A handwritten signature in blue ink that reads "Gary Anthon, M.D." with a stylized flourish at the end.

Gary J. Anthon, M.D.
Chief Medical Officer
Director, Division of Public Health
Department of Health and Human Services

INTRODUCTION

The purpose of this report is to present the most recent data from the Nebraska outpatient surgical procedures database. This report also fulfills the requirements of the legislation that established the outpatient surgical procedures database, a copy of which is presented in **Appendix A**. These data include outpatient surgical procedures that were performed between January 1, 2019 and December 31, 2019 at licensed hospitals and ambulatory surgical centers in Nebraska. An outpatient surgical procedure is defined as any surgical procedure that does not require an inpatient hospitalization.

The outpatient surgical procedures database was established by the Nebraska Unicameral in 2003, with three stated goals: 1) to collect and compile outpatient surgical procedure information from hospitals and ambulatory surgical centers; 2) to use and disclose such information for public health purposes; and 3) to prepare and publish an annual statistical report. All hospitals and ambulatory surgical centers within the State of Nebraska that are licensed under the Health Care Facility Licensure Act are required to report the following outpatient surgical and related information to the Nebraska Department of Health and Human Services (DHHS):

1) the name of the reporting facility; 2) the facility portion of billed charges for each patient served at the facility; 3) the county and state of residence by zip code for each patient served at the facility; 4) the primary outpatient surgical procedure performed for each patient at the facility, reported by Current Procedural Terminology (CPT) codes or Health Care Financing Administration codes; and 5) the primary source of payment for each patient served at the facility, reported as follows: a) private sources must be reported as either self-pay, commercial insurance, or worker's compensation; and b) public sources must be reported as either Medicaid, Medicare, or other government source. Certain procedures (collection of venous blood and capillary blood specimens, and childbirth [excluding deliveries by Caesarian section]) are exempt from the reportable list of procedures. Facilities must provide these data annually to DHHS no later than May 1st of each year for the preceding calendar year. All information obtained from the medical records of individual patients is considered confidential and cannot be disclosed by DHHS in a way that would identify an individual patient.

In addition to publishing an annual statistical report, the legislation that established the outpatient surgical procedures database also requires that certain information be included as part of this report. Specifically, the report must include: 1) the twenty most frequently performed outpatient surgical procedures by type of procedure; 2) the total number of persons served for each of the twenty most frequently performed procedures; 3) the total number of persons served by county, service region, and state of residence for all procedures performed, and 4) the average billed charges for the twenty most frequently performed procedures, by county and state of residence.

RESULTS

A total of 322,496 outpatient surgical procedures were performed at the Nebraska hospitals and ambulatory surgical centers that reported their data for the year 2019. As in previous years, the data presented in this report were limited to outpatient surgical procedures that were assigned a CPT surgical procedure code between 10021 and 69990. One hundred and thirty-two (132) hospitals and ambulatory surgical facilities in Nebraska that performed outpatient surgical procedures during 2019 provided their data. **Table 1** presents the twenty most frequently performed outpatient surgical procedures, by number and type of procedure (but limited to primary [i.e., first-listed] procedures only), along with the average billed charge per type of procedure. The most frequently performed outpatient surgical procedure was a Cataract surgery with insertion of intraocular lens (one stage procedure), with 21,554 reported, and followed by colonoscopy, with biopsy, with 21,167 reported. The average billed charge for the top twenty procedures are limited to only those cases where just one procedure was reported, as the hospitals and ambulatory surgical centers did not provide an itemized breakdown of their charges when more than one procedure was performed.

Tables 2 and 3 present the number of outpatient surgical procedures by the patient's place of residence and the place where these services were obtained. **Table 2** presents these data for Nebraska residents, by county of residence and place of service, while **Table 3** presents these data for patients who are not Nebraska residents, by state of residence and place of service. In both tables, the places where outpatient surgical procedures were obtained are grouped by county into five regions, and the counties that are included in each region are listed in the Table 3 footnote and are shown on the map in **Appendix B**.

Tables 4 and 5 present the average billed charges for the twenty most frequently performed outpatient surgical procedures, by the patient's place of residence. **Table 4** presents these data by county for Nebraska residents, while **Table 5** presents these data by state for out-of-state residents. As in Table 1, the average billed charges reported in these two tables are limited to only those cases where just one procedure was reported.

Table 1. Twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by number and type of procedure (primary procedure only), with average billed charge per type of procedure, 2019

Type of Procedure	CPT Code #	# Procedures	Average Billed Charge (\$)
Cataract surgery with insertion of intraocular lens (one stage procedure)	66984	21,554	4,496
Colonoscopy, with biopsy	45380	21,167	4,803
Diagnostic/screening colonoscopy	45378	17,506	2,498
Upper gastrointestinal endoscopy, with biopsy	43239	16,818	4,267
Lesion removal colonoscopy	45385	13,041	4,131
Cystoscopy	52000	10,634	1,584
Create eardrum opening	69436	5,048	4,892
Dental surgery procedure (unlisted procedure, dentoalveolar structures)	41899	4,594	8,218
Upper gastrointestinal endoscopy, diagnostic	43235	4,457	3,897
Injection, anesthetic agent and/or steroid, transformational epidural; lumbar or sacral, single level	64483	4,447	2,230
Aspiration procedure on the Spine and Spinal Cord	62323	3,950	2,258
Carpal Tunnel surgery	64721	3,903	5,544
Laparoscopic cholecystectomy	47562	3,327	16,139
Laser posterior capsulotomy	66821	3,273	1,082
Vitreous procedures on the posterior segment of the eye	67028	2,925	268
Diagnostic or therapeutic procedures on the paravertebral spinal nerves and branches	64493	2,734	3,286
Remove tonsils and adenoids	42820	2,724	8,136
Knee arthroscopy/surgery	29881	2,689	8,774
Insertion of central venous access devices with subcutaneous port	36561	2,419	11,612
Cystourethroscopy, with removal of foreign body, or ureteral stent from urethra or bladder	52310	2,141	2,608

Table 2. Total number of outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by Patient County of residence and place (region) of service, Nebraska residents only, 2019

County of Residence	Region of Service (for key to regions, see footnote at end of Table 3)					TOTAL
	Central	East	North	Southeast	West	
Adams	2,508	446	5	232	597	3,788
Antelope	13	113	542	14	325	1,007
Arthur	1	2	0	1	37	41
Banner	0	0	0	0	84	84
Blaine	28	8	1	1	29	67
Boone	50	113	657	39	185	1,044
Box Butte	10	16	2	1	1,827	1,856
Boyd	1	32	136	5	28	202
Brown	54	49	201	19	108	431
Buffalo	4,522	463	5	120	2,652	7,762
Burt	14	402	640	7	160	1,223
Butler	9	189	399	468	256	1,321
Cass	123	2,585	1	592	1,664	4,965
Cedar	2	93	354	1	172	622
Chase	35	18	0	7	599	659
Cherry	57	54	284	20	255	670
Cheyenne	8	10	0	4	1,541	1,563
Clay	410	72	0	220	230	932
Colfax	4	329	1,071	63	176	1,643
Cuming	1	277	1,183	19	231	1,711
Custer	1,164	118	4	52	747	2,085
Dakota	2	174	99	13	26	314
Dawes	3	4	1	0	488	496
Dawson	1,048	173	1	66	2,259	3,547
Deuel	8	13	0	2	256	279
Dixon	1	45	242	8	49	345
Dodge	54	2,706	6,984	62	810	10,616
Douglas	1,679	59,064	682	305	19,258	80,988
Dundy	35	10	0	2	158	205
Fillmore	48	71	1	729	318	1,167
Franklin	363	48	0	30	171	612
Frontier	73	31	0	10	338	452
Furnas	492	57	0	23	392	964
Gage	10	255	4	2,603	1,456	4,328
Garden	6	5	0	1	378	390
Garfield	273	19	11	4	105	412
Gosper	179	19	0	6	203	407
Grant	7	5	2	0	115	129
Greeley	109	36	82	14	99	340
Hall	3,045	620	22	292	5,262	9,241
Hamilton	675	126	1	150	568	1,520
Harlan	304	14	37	11	157	523
Hayes	11	3	0	6	104	124
Hitchcock	52	20	0	3	383	458
Holt	97	197	1,136	18	267	1,715
Hooker	12	5	5	3	130	155
Howard	240	68	26	33	497	864
Jefferson	16	70	6	858	389	1,339
Johnson	2	88	0	497	223	810

County of Residence	Region of Service (for key to regions, see footnote at end of Table 3)					TOTAL
	Central	East	North	Southeast	West	
Kearney	724	49	0	15	335	1,123
Keith	56	44	0	19	1,100	1,219
Keya Paha	8	11	67	1	23	110
Kimball	0	1	0	0	666	667
Knox	1	79	419	11	252	762
Lancaster	212	3,054	69	20,136	21,118	44,589
Lincoln	371	387	1	84	6,260	7,103
Logan	10	7	0	1	126	144
Loup	61	10	0	2	17	90
Madison	28	827	2,356	69	2,812	6,092
McPherson	2	1	1	0	50	54
Merrick	407	84	86	114	405	1,096
Morrill	5	2	0	2	758	767
Nance	72	36	124	30	101	363
Nemaha	14	203	0	490	251	958
Nuckolls	524	52	0	78	68	722
Otoe	26	507	2	1,317	658	2,510
Pawnee	2	57	0	221	104	384
Perkins	13	8	0	2	406	429
Phelps	1,212	86	1	57	386	1,742
Pierce	3	113	414	7	394	941
Platte	61	1,004	3,953	273	529	5,820
Polk	39	84	144	345	138	750
Red Willow	249	109	0	32	1,213	1,603
Richardson	6	246	0	637	190	1,079
Rock	11	14	41	1	55	122
Saline	7	165	8	1,447	552	2,179
Sarpy	885	20,109	49	118	7,847	29,008
Saunders	28	1,580	787	936	883	4,214
Scotts Bluff	17	42	0	3	5,236	5,298
Seward	22	184	6	1,575	764	2,551
Sheridan	4	13	2	3	371	393
Sherman	298	31	1	9	189	528
Sioux	1	0	0	0	56	57
Stanton	1	76	228	6	237	548
Thayer	41	41	2	525	125	734
Thomas	26	3	8	3	90	130
Thurston	0	269	177	10	49	505
Valley	546	29	4	13	188	780
Washington	66	1,949	1,192	25	642	3,874
Wayne	2	144	586	6	235	973
Webster	375	36	1	23	80	515
Wheeler	40	12	25	3	21	101
York	82	155	15	1,421	401	2,074
TOTAL	24,416	101,308	25,606	37,704	103,143	292,177

Table 3. Total number of outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient state of residence and place (region) of service, non-Nebraska residents only, 2019

State of Residence	Region of Service (for key to regions, see footnote at end of table)					TOTAL
	Central	East	North	Southeast	West	
Alabama	2	7	1	2	7	19
Alaska	0	13	0	1	4	18
Arizona	4	39	5	9	56	113
Arkansas	2	22	0	9	3	36
California	5	33	3	11	17	69
Colorado	13	43	7	16	282	361
Connecticut	0	1	0	0	1	2
Delaware	0	0	0	0	0	0
Dist.-of-Colum	0	0	0	0	0	0
Florida	1	36	3	8	45	93
Georgia	3	5	0	4	11	23
Hawaii	0	11	3	0	1	15
Idaho	1	2	1	1	9	14
Illinois	4	42	3	10	18	77
Indiana	1	4	0	0	7	12
Iowa	1,449	17,094	364	258	4,155	23,320
Kansas	900	270	55	424	1,071	2,720
Kentucky	0	4	0	1	3	8
Louisiana	1	8	0	2	5	16
Maine	0	0	0	0	3	3
Maryland	1	1	0	1	4	7
Massachusetts	0	0	0	2	2	4
Michigan	0	8	0	3	6	17
Minnesota	7	43	9	8	18	85
Mississippi	0	10	0	0	0	10
Missouri	9	350	28	71	83	541
Montana	0	1	0	0	4	5
Nevada	1	5	0	2	7	16
New Hampshire	0	0	0	0	2	2
New Jersey	1	2	1	1	0	5
New Mexico	3	11	1	2	5	22
New York	1	5	0	1	4	11
North Carolina	1	7	1	1	6	16
North Dakota	2	21	0	3	2	28
Ohio	0	7	0	2	9	18
Oklahoma	2	32	0	6	5	45
Oregon	1	5	1	1	3	11
Pennsylvania	0	3	0	2	3	8
Rhode Island	0	0	0	0	0	0
South Carolina	0	5	0	0	1	6
South Dakota	8	292	55	10	146	511
Tennessee	0	5	1	1	6	13
Texas	15	56	25	21	45	162
Utah	1	6	0	1	5	13
Vermont	0	0	0	1	1	2
Virginia	0	16	1	1	8	26
Washington	2	18	0	5	8	33
West Virginia	1	3	0	0	1	5
Wisconsin	0	12	2	5	12	31

State of Residence	Region of Service (for key to regions, see footnote at end of table)					TOTAL
	Central	East	North	Southeast	West	
Unknown	0	4	0	0	1	5
Wyoming	7	18	1	3	1,592	1,621
TOTAL	2,449	18,661	571	910	7,728	30,319

NOTE: Regions of service are comprised of the following groups of counties:

Central—Adams, Blaine, Buffalo, Clay, Custer, Franklin, Garfield, Greeley, Hall, Hamilton, Harlan, Howard, Kearney, Loup, Merrick, Nuckolls, Phelps, Sherman, Valley, Webster, and Wheeler Counties

East—Douglas and Sarpy Counties

North—Antelope, Boone, Boyd, Brown, Burt, Cedar, Cherry, Colfax, Cuming, Dakota, Dixon, Dodge, Holt, Keya Paha, Knox, Madison, Nance, Pierce, Platte, Rock, Stanton, Thurston, Washington, and Wayne Counties

Southeast—Butler, Cass, Fillmore, Gage, Jefferson, Johnson, Lancaster, Nemaha, Otoe, Pawnee, Polk, Richardson, Saline, Saunders, Seward, Thayer, and York Counties

West—Arthur, Banner, Box Butte, Chase, Cheyenne, Dawes, Dawson, Deuel, Dundy, Frontier, Furnas, Garden, Gosper, Grant, Hayes, Hitchcock, Hooker, Keith, Kimball, Lincoln, Logan, McPherson, Morrill, Perkins, Red Willow, Scotts Bluff, Sheridan, Sioux, and Thomas Counties

Table 4. Average billed charge (in dollars(\$)) for the twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient county of residence, Nebraska residents only, 2019

County of Residence	Type of Procedure (for key to procedure codes, see footnote at end of Table 5)																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Adams	2,064	6,633	3,383	5,911	5,326	2,349	5,384	8,044	4,353	2,015	1,702	5,107	15,538	302		2,085	8,704	10,231	10,690	6,148
Antelope	4,073	4,069	2,874	3,511	3,926	2,436	4,122	3,977	3,165	1,558	1,985	4,770	14,387	1,034		1,263	7,943	10,577	13,377	1,742
Arthur	4,444	6,218	3,697	5,543	4,070				3,237	1,350		3,838		965			5,937	3,534		
Banner	1,969	3,294	2,629	4,350				1,716				4,554		800	200	2,117		13,706		
Blaine	3,238	4,077	1,908	2,486	3,604	1,309			5,432	1,736		2,278		1,001				5,572	10,398	
Boone	3,054	4,225	2,493	4,811	2,744	1,373	4,084	3,102	5,432	1,591	1,791	3,094	9,355	821	6,531	1,933	8,416	9,895	9,923	1,668
Box Butte	2,164	3,808	2,804	4,055	3,855	4,185	4,042	5,925	3,945	1,356	2,112	6,023	16,812	800	199	2,456	5,709	11,057	12,352	
Boyd	6,859	4,728	3,006	4,651	2,724		4,621	13,739		1,341		5,382	5,119				5,861		4,532	
Brown	4,956	5,257	3,519	4,712	1,364	924	2,339	7,694	6,078	1,614	1,410	5,119	14,899	478			6,823	9,571	8,688	1,754
Buffalo	3,413	4,598	2,274	5,050	6,656	2,739	2,421	9,712	5,087	1,650	1,630	4,500	19,003	981	69,059	1,936	5,782	7,136	8,188	6,481
Burt	5,291	4,709	3,109	4,846	4,498	1,070	5,084	5,711	4,871	2,315	2,530	5,507	16,561	850		2,395	9,518	10,510	14,771	4,296
Butler	2,879	4,686	2,557	5,256	3,335	1,387	4,117	5,366	5,243	1,465	2,582	5,167	15,434	853		2,249	6,472	8,341	10,733	1,756
Cass	4,931	5,906	2,742	3,877	4,153	2,079	5,055	11,457	3,835	2,739	2,246	5,872	16,583	1,246		4,349	10,389	7,847	14,053	2,083
Cedar	5,025	4,575	3,255	4,231	5,133	1,098	3,089	8,678	5,406	1,639	2,134	1,877	13,648	947		1,598	4,228	11,529	9,971	7,166
Chase	5,194	4,581	3,046	4,970	4,239	3,665		4,290	3,984	1,735	1,973	4,563	11,847	1,005	217	2,572	6,335	6,708	9,373	2,398
Cherry	4,549	3,665	4,106	3,537	8,531	1,073	6,551	3,732	3,850	2,119	806	3,170	12,236	494		3,452	7,388	6,846	8,150	1,110
Cheyenne	3,451	5,076	3,420	5,276	5,231	6,172	6,592	6,476	4,685	3,855	3,266	6,341	21,118	800	201	3,758	9,064	11,449	12,231	
Clay	2,809	5,534	2,742	4,548	4,564	1,536	4,812	7,264	2,652	1,636	1,837	4,342	17,601	918		1,550	8,681	7,028	7,404	2,351
Colfax	3,481	4,62	2,886	5,253	4,532	1,011	5,362	2,949	4,227	1,061	1,908	6,253	18,001	701		3,201	9,413	8,869	10,301	2,125
Cuming	5,102	4,353	2,796	3,867	3,858	1,142	7,133	6,802	4,230	1,665	1,776	4,251	13,653	965		1,985	9,046	7,618	11,691	2,275
Custer	3,209	3,866	2,487	3,920	4,431	1,458	2,194	8,790	3,823	1,898	1,088	5,700	11,717	1,005		2,989	6,800	5,570	6,651	1,726
Dakota	4,125	7,632	3,038	6,538	5,304	1,706	5,130	8,790	3,827		2,964	3,923		900		750	8,776	7,370	10,561	1,748
Dawes	5,390	4,960	4,552	5,294	3,314		4,749	8,428	5,262	1,201	1,566	6,251	17,884	800	202	2,932	7,617	9,076	17,653	
Dawson	3,061	4,832	2,587	4,226	6,050	1,912	3,176	6,990	4,859	1,734	1,749	4,118	11,939	1005		2,105	5,719	6,720	7,690	4,842
Deuel	4,145	5,311	3,274	5,443	5,821			6,883	4,050	2,106	1,791	4,926	5,959	800	203	3,671	6,669		8,784	
Dixon	4,281	4,714	3,074	4,768	4,923	892	4,505	2,133	4,314	2,813	2,490	2,406	15,422	919		1,924	4,684	6,763	12,175	
Dodge	4,425	4,439	2,698	4,487	3,892	969	4,431	4,784	3,297	2,443	1,586	4,455	18,914	866		2,875	9,120	9,937	14,297	2,278
Douglas	6,124	5,217	2,627	4,725	4,469	2,290	5,737	9,827	3,843	2,757	2,673	7,534	22,870	961	4,659	3,659	11,070	11,486	14,666	3,177
Dundy	6,423	6,755	2,858	4,320	3,306	4,427		3,455	3,212	1,567	2,650	4,007	16,297	1,005		1,690	7,651	6,404	8,440	4,377
Fillmore	4,277	3,480	2,625	5,881	3,387	2,623	4,697	2,237	3,366	1,301	3,372	5,201	11,849	1,379		4,223	7,020	9,565	12,360	1,431
Franklin	3,069	5,250	3,267	3,874	5,384	2,230	2,652	9,951	3,906	1,636	1,044	7,299	13,817	914		1,461	4,013	6,562	8,749	
Frontier	3,239	3,666	1,821	3,874	5,052	2,104	4,316	3,097	2,110	1,009	1,009	2,112	15,226	1,005		4,247	5,447	5,621	7,408	3,091
Furnas	3,817	4,895	2,970	4,838	5,050	2,641	2,839	7,222	5,022	1,856	2,087	5,277	17,409	993		2,187	6,189	7,294	6,989	1,300
Gage	5,797	4,715	2,834	3,732	3,876	961	3,687	8,145	4,165	1,782	2,471	4,376	14,241	1,431		1,871	4,774	8,304	12,297	2,039

Type of Procedure (for key to procedure codes, see footnote at end of Table 5)

County of Residence	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Polk	2,974	3,871	2,426	4,154	3,900	991	4,470	3,572	4,076	1,074	1,702	5,261	11,160	1,013		1,480	8,111	5,657	13,398	1,152
Red Willow	5,697	5,822	3,219	5,260	5,415	736	6,059	7,749	4,403	2,119	2,008	5,135	13,092	1,005		3,220	7,290	8,200	8,100	5,527
Richardson	4,815	5,148	2,727	4,619	4,221	985	4,136	6,942	3,884	2,290	4,602	4,900	10,177	1,448		5,208	9,697	6,119	21,319	1,245
Rock	3,761	4,853	2,873	6,107	5,361	881	4,470	5,715	1,674	1,674	1,674	2,214		576		1,674	8,561		3,952	
Saline	4,919	4,300	2,395	3,244	3,267	836	3,742	3,130	3,568	1,693		3,963	11,267	1,366		3,405	5,625	6,143	7,822	1,385
Sarpy	4,776	5,468	3,011	4,594	4,487	2,508	5,878	10,697	3,971	3,151	2,579	7,905	20,653	1,171		3,920	11,088	11,784	13,680	3,142
Saunders	5,515	4,346	2,457	4,011	4,057	1,299	5,285	8,919	3,027	1,928	2,023	6,177	17,388	1,114	25,772	2,910	8,163	8,118	10,604	2,095
Scotts Bluff	2,063	3,955	2,475	4,374	4,283	825	7,002	7,077	3,375	3,063	3,163	7,199	22,109	872	202	2,634	9,461	12,592	9,676	4,279
Seward	4,476	4,491	2,632	3,680	2,904	1,046	4,221	6,516	3,243	2,094	2,335	4,132	9,661	1,338		3,300	4,718	5,817	9,651	2,256
Sheridan	4,154	4,395	3,880	4,600	4,212	1,787	5,473	5,978	3,470	1,800	1,419	5,334	18,690	800	210	762	10,052	12,867	11,962	1,300
Sherman	4,000	3,397	2,081	4,974	6,198		1,200	6,311	4,189	1,838	1,510	4,232	9,868	998	206	5,753	6,286	6,922	11,863	
Sioux	1,969	7,257	3,073	2,828	3,554													11,644		
Stanton	4,263	3,585	2,368	2,573	1,905	980	4,919	3,805	3,000	1,674	1,958	3,686	13,209	925		1,058	8,344	8,647	8,395	
Thayer	4,272	4,160	2,264	2,101	3,114	1,250	3,750	14,316	5,168	1,280	4,273	4,999	10,097	759		3,272	7,685	7,810	7,610	1,300
Thomas	3,789	3,460	1,542	6,641	7,433	662	3,701	3,341	3,829	1,606	806	4,662	5,000				5,937	7,686		5,072
Thurston	6,343	5,463	2,949	3,655	4,358	4,841	4,709	9,649	3,982	1,674	1,674	6,009	16,816	850			8,313	7,728	9,987	3,555
Valley	5,063	3,837	2,788	3,861	4,987	1,643	5,476	5,440	4,782	920	815	4,309	11,207	996		1,123	5,954	4,903	7,484	
Washington	6,035	4,667	2,579	4,571	3,958	1,400	6,395	7,629	3,558	2,973	2,874	5,305	18,367	1,109		2,511	9,937	9,546	14,201	3,444
Wayne	4,374	5,940	2,930	4,518	3,818	1,379	3,428	6,526	3,464	1,639	2,439	2,527	11,004	1,253		1,388	6,884	6,903	8,221	
Webster	1,897	5,486	3,077	6,382	4,874	4,305		10,253	4,160	1,941	937	4,075	14,580	251		1,143	8,532	8,652	13,125	
Wheeler	5,043	3,296	3,005	10,040	6,857	1,357	5,270				1,943	1,968	13,456					2,700		
York	3,799	3,777	2,958	3,356	3,448	1,225	5,515	4,493	2,936	1,780	3,026	4,037	10,873	1,281		2,459	6,838	7,153	7,628	1,300

NOTE: Average billed charges in bold are based on five or fewer procedures

Table 5. Average billed charge (in dollars) for the twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient state of residence, non-Nebraska residents only, 2019

Type of Procedure (for key to procedure codes, see footnote at end of table)

State of Residence	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Alabama		1,413		7,742		736		13,007				5,494								
Alaska	1,969	3,489	3,954	953		1,664					1,674									
Arizona	6,634	1,709	2,036	1,641	2,175	3,127			2,939	7,076		1,007	16,172	1,149	206	3,743		5,937		
Arkansas	3,818	1,384									2,009					1,650				914
California	4,319	3,759	1,450	3,311	1,450	1,293			1,500		1,966	2,800			217	3,806		6,886	13,732	4,95
Colorado	4,861	3,842	3,894	4,695	6,017	1,159		4,209	5,794	3,829	1,892	6,233	27,183	885	198	3,522	5,937	10,067		1,30
Connecticut							8,023													
Delaware																				
Florida	6,112	2,879	1,759	6,742	3,132	1,420			1,387		2,864	5,185	33,803	1,930	217	3,500	6,733	9,344		1,04
Georgia		3,113	3,700	1,100	1,450				2,900											
Hawaii	2,000			6,686						4,308									13,600	
Idaho	4,783	4,350			1,000	914														
Illinois	1,950	2,923	1,206	2,110	3,198	1,251					2,393							4,987		
Indiana			2,625	3,043	4,509									965						
Iowa	4,250	5,953	2,644	5,022	4,135	2,284	6,395	12,678	4,444	3,038	2,442	6,549	20,788	962	4,671	4,353	11,603	9,936	16,059	3,31
Kansas	3,933	5,281	2,726	4,604	5,230	1,014	2,851	7,093	5,456	1,957	2,013	3,997	18,127	1,216		3,242	2,422	7,527	8,130	1,75
Kentucky			2,927			2,165						8,879								
Louisiana		1,450		6,329								14,622	8,331							
Maine																				
Maryland		1,275		1,450				1,278												
Massachusetts																				
Michigan				9,970	1,450	3,356								1,930			3,000	12,450		2,207
Minnesota		2,718		2,358	1,000	3,356						9,409								
Mississippi		9,476		10,936										850				20,209	8,314	3,414
Missouri	5,571	3,437	2,211	5,444	4,346	1,188	5,542	8,868	6,745	1,953	2,533	6,259	17,026							
Montana				1,878	2,900	736				3,479					217					
Nevada		1,450	1,000	6,070					1,413								5,937			
New Hampshire																				
New Jersey																				
New Mexico			1,500	11,404	4,120						2,008							5,375		
New York		4,008	6,325		1,450														13,537	
North Carolina	3,700	1,875		2,388		736							8,331							
North Dakota		8,853	4,102															3,786	18,891	

Type of Procedure (for key to procedure codes, see footnote at end of table)

State of Residence	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Ohio	1,000	7,534	11,459	1,450													23,552			3,029
Oklahoma	6,001	1,875	3,413	2,625	5,316								28,813							
Oregon	3,700	6,922			1,100															
Pennsylvania																				
Rhode Island																				
South Carolina													10,914							
South Dakota	5,707	6,556	3,015	7,297	4,690	1,259	8,321	13,009	5,133	1,455	1,972	5,058	10,210	746	200	750	22,975	10,293	14,884	1,97
Tennessee				6,958	2,900				16,636	888								6,995		
Texas	2,240	5,089	1,719	6,592	4,300	979		18,377	2,100	2,100	1,030			965		4,697	23,232	5,698	7,661	
Utah				8,024																
Vermont						736														2,838
Virginia			3,221		11,045	914			1,414	1,639			38,616	251						
West Virginia					4,828								16,826							2,104
Washington				2,625																
Wisconsin	5,551	1,633	4,500						4,832											
Wyoming	1,996	4,045	2,252	4,316	3,858	1,478	8,091	90,11	2,880	2,452	3,784	6,592	17,162	802	203	2,117	9,673	12,800	12,815	3,02
Unknown			1,000		7,999		3,229				2,864									

NOTE: Average billed charges in bold are based on five or fewer procedures
 Procedure codes:

- A: Cataract surgery with insertion of intraocular lens (one stage procedure)
- B: Colonoscopy, with biopsy
- C: Diagnostic/screening colonoscopy
- D: Upper gastrointestinal endoscopy, with biopsy
- E: Lesion removal colonoscopy
- F: Cystoscopy
- G: Create eardrum opening
- H: Dental surgery procedure (unlisted procedure, dentoalveolar structures)
- I: Upper gastrointestinal endoscopy, diagnostic
- J: Injection. Anesthetic agent and/or steroid, transformational epidural; lumbar or sacral, single level
- K: Aspiration procedure on the spine and spinal cord
- L: Carpal Tunnel surgery
- M: Laparoscopic cholecystectomy
- N: Laser posterior capsulotomy

- O: Vitreous procedures on the posterior segment of the eye
- P: Diagnostic or therapeutic procedures on the paravertebral spinal nerves and branches
- Q: Remove tonsils and adenoids
- R: Knee arthroscopy/surgery
- S: Insertion of central venous access devices with subcutaneous port
- T: Cystourethroscopy, with removal of foreign body, or ureteral stent from urethra or bladder

INTRODUCTION

The purpose of this report is to present the most recent data from the Nebraska outpatient surgical procedures database. This report also fulfills the requirements of the legislation that established the outpatient surgical procedures database, a copy of which is presented in **Appendix A**. These data include outpatient surgical procedures that were performed between January 1, 2020 and December 31, 2020 at licensed hospitals and ambulatory surgical centers in Nebraska. An outpatient surgical procedure is defined as any surgical procedure that does not require an inpatient hospitalization.

The outpatient surgical procedures database was established by the Nebraska Unicameral in 2003, with three stated goals: 1) to collect and compile outpatient surgical procedure information from hospitals and ambulatory surgical centers; 2) to use and disclose such information for public health purposes; and 3) to prepare and publish an annual statistical report. All hospitals and ambulatory surgical centers within the State of Nebraska that are licensed under the Health Care Facility Licensure Act are required to report the following outpatient surgical and related information to the Nebraska Department of Health and Human Services (DHHS):

1) the name of the reporting facility; 2) the facility portion of billed charges for each patient served at the facility; 3) the county and state of residence by zip code for each patient served at the facility; 4) the primary outpatient surgical procedure performed for each patient at the facility, reported by Current Procedural Terminology (CPT) codes or Health Care Financing Administration codes; and 5) the primary source of payment for each patient served at the facility, reported as follows: a) private sources must be reported as either self-pay, commercial insurance, or worker's compensation; and b) public sources must be reported as either Medicaid, Medicare, or other government source. Certain procedures (collection of venous blood and capillary blood specimens, and childbirth [excluding deliveries by Caesarian section]) are exempt from the reportable list of procedures. Facilities must provide these data annually to DHHS no later than May 1st of each year for the preceding calendar year. All information obtained from the medical records of individual patients is considered confidential and cannot be disclosed by DHHS in a way that would identify an individual patient.

In addition to publishing an annual statistical report, the legislation that established the outpatient surgical procedures database also requires that certain information be included as part of this report. Specifically, the report must include: 1) the twenty most frequently performed outpatient surgical procedures by type of procedure; 2) the total number of persons served for each of the twenty most frequently performed procedures; 3) the total number of persons served by county, service region, and state of residence for all procedures performed, and 4) the average billed charges for the twenty most frequently performed procedures, by county and state of residence.

RESULTS

A total of 243,131 outpatient surgical procedures were performed at the Nebraska hospitals and ambulatory surgical centers that reported their data for the year 2020. As in previous years, the data presented in this report were limited to outpatient surgical procedures that were assigned a CPT surgical procedure code between 10021 and 69990. One hundred and twenty-eight (128) hospitals and ambulatory surgical facilities in Nebraska that performed outpatient surgical procedures during 2020 provided their data. **Table 1** presents the twenty most frequently performed outpatient surgical procedures, by number and type of procedure (but limited to primary [i.e., first-listed] procedures only), along with the average billed charge per type of procedure. The most frequently performed outpatient surgical procedure was a Upper gastrointestinal endoscopy with biopsy, with 14,335 reported, and followed by Cataract surgery with insertion of intraocular lens (one stage procedure), with 13,406 reported. The average billed charge for the top twenty procedures are limited to only those cases where just one procedure was reported, as the hospitals and ambulatory surgical centers did not provide an itemized breakdown of their charges when more than one procedure was performed.

Tables 2 and 3 present the number of outpatient surgical procedures by the patient's place of residence and the place where these services were obtained. **Table 2** presents these data for Nebraska residents, by county of residence and place of service, while **Table 3** presents these data for patients who are not Nebraska residents, by state of residence and place of service. In both tables, the places where outpatient surgical procedures were obtained are grouped by county into five regions, and the counties that are included in each region are listed in the Table 3 footnote and are shown on the map in **Appendix B**.

Tables 4 and 5 present the average billed charges for the twenty most frequently performed outpatient surgical procedures, by the patient's place of residence. **Table 4** presents these data by county for Nebraska residents, while **Table 5** presents these data by state for out-of-state residents. As in Table 1, the average billed charges reported in these two tables are limited to only those cases where just one procedure was reported.

Table 1. Twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by number and type of procedure (primary procedure only), with average billed charge per type of procedure, 2020

Type of Procedure	CPT Code #	# Procedures	Average Billed Charge (\$)
Upper gastrointestinal endoscopy, with biopsy	43239	14,335	4,457
Cataract surgery with insertion of intraocular lens (one stage procedure)	66984	13,406	4,464
Colonoscopy, with biopsy	45380	13,093	4,030
Diagnostic/screening colonoscopy	45378	12,421	2,727
Lesion removal colonoscopy	45385	10,287	3,947
Cystoscopy	52000	6,864	1,409
Upper gastrointestinal endoscopy, diagnostic	43235	3,626	3,910
Aspiration procedure on the Spine and Spinal Cord	62323	3,105	2,290
Injection, anesthetic agent and/or steroid, transformational epidural; lumbar or sacral, single level	64483	2,561	2,249
Create eardrum opening	69436	2,552	4,993
Vitreous procedures on the posterior segment of the eye	67028	2,544	271
Carpal Tunnel surgery	64721	2,464	5,438
Dental surgery procedure (unlisted procedure, dentoalveolar structures)	41899	2,362	8,908
Laparoscopic cholecystectomy	47562	2,155	15,778
Laser posterior capsulotomy	66821	1,970	889
Insertion of central venous access devices with subcutaneous port	36561	1,891	11,278
Arthrocentesis, aspiration and /or injection	20610	1,835	2,075
Knee arthroscopy/surgery	29881	1,662	9,622
Cystourethroscopy, with removal of foreign body, or ureteral stent from urethra or bladder	52310	1,391	3,002
Ureter and Pelvis Transurethral Surgical Procedures	52332	1,388	8,744

Table 2. Total number of outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by Patient County of residence and place (region) of service, Nebraska residents only, 2020

County of Residence	Region of Service (for key to regions, see footnote at the end of Table 3)					TOTAL
	Central	East	North	Southeast	West	
Adams	2,337	405	30	277	4	3,053
Antelope	11	91	872	34	1	1,009
Arthur	0	4	0	1	9	14
Banner	0	1	0	0	53	54
Blaine	33	3	2	0	9	47
Boone	60	137	745	45	0	987
Box Butte	2	16	0	3	1,264	1,285
Boyd	4	16	119	1	0	140
Brown	41	41	216	4	9	311
Buffalo	4,840	398	5	134	18	5,395
Burt	15	399	606	9	0	1,029
Butler	6	261	320	527	0	1,114
Cass	116	2,960	8	692	0	3,776
Cedar	2	73	560	6	0	641
Chase	57	42	3	16	352	470
Cherry	32	42	272	22	90	458
Cheyenne	4	13	7	0	783	807
Clay	388	75	54	221	1	739
Colfax	13	254	883	66	0	1,216
Cuming	9	235	1,195	11	0	1,450
Custer	891	93	7	74	95	1,160
Dakota	9	179	164	10	0	362
Dawes	1	6	0	6	294	307
Dawson	1,171	182	0	70	1,022	2,445
Deuel	4	6	0	2	104	116
Dixon	0	77	241	3	0	321
Dodge	45	2,168	4,796	49	0	7,058
Douglas	1,597	63,437	443	255	6	65,738
Dundy	44	6	0	3	134	187
Fillmore	41	73	0	633	0	747
Franklin	366	35	1	23	0	425
Frontier	79	28	0	7	123	237
Furnas	430	51	0	30	62	573
Gage	5	175	0	2,476	2	2,658
Garden	6	3	0	0	159	168
Garfield	215	25	8	11	3	262
Gosper	169	19	0	19	67	274
Grant	5	5	1	2	91	104
Greeley	257	41	74	13	1	386
Hall	5,846	586	11	423	4	6,870
Hamilton	819	131	1	168	0	1,119
Harlan	327	20	6	13	4	370
Hayes	9	6	0	2	56	73
Hitchcock	84	22	4	13	147	270
Holt	71	150	1,086	26	0	1,333
Hooker	16	7	4	0	39	66
Howard	1,029	65	2	39	1	1,136
Jefferson	7	59	3	650	1	720
Johnson	3	70	0	548	0	621

County of Residence	Region of Service (for key to regions, see footnote at the end of Table 3)					TOTAL
	Central	East	North	Southeast	West	
Kearney	746	58	2	22	2	830
Keith	50	59	0	23	508	640
Keya Paha	11	9	59	3	4	86
Kimball	4	2	0	0	425	431
Knox	1	60	616	10	0	687
Lancaster	209	2,826	108	27,586	9	30,738
Lincoln	274	324	2	131	2,746	3,477
Logan	8	3	2	3	54	70
Loup	30	8	0	2	0	40
Madison	22	695	6,172	54	0	6,943
McPherson	1	0	0	0	24	25
Merrick	654	123	72	119	1	969
Morrill	2	5	2	2	656	667
Nance	89	34	193	44	1	361
Nemaha	12	171	0	493	0	676
Nuckolls	440	37	5	74	1	557
Otoe	21	464	2	1,437	0	1,924
Pawnee	1	42	0	293	0	336
Perkins	23	15	0	7	294	339
Phelps	973	61	0	66	19	1,119
Pierce	2	98	885	7	0	992
Platte	51	875	2,897	329	0	4,152
Polk	61	101	117	224	1	504
Red Willow	283	124	5	47	541	1,000
Richardson	3	163	1	493	0	660
Rock	19	17	86	2	0	124
Saline	9	122	0	1,302	0	1,433
Sarpy	811	21,273	32	110	1	22,227
Saunders	38	1,352	483	900	0	2,773
Scotts Bluff	12	36	1	6	3,799	3,854
Seward	13	156	7	1,624	0	1,800
Sheridan	2	7	3	3	287	302
Sherman	394	29	4	19	2	448
Sioux	0	0	0	1	64	65
Stanton	0	51	447	5	1	504
Thayer	52	69	1	453	0	575
Thomas	16	3	6	1	36	62
Thurston	2	175	170	2	0	349
Valley	439	28	2	20	0	489
Washington	53	1,915	705	19	0	2,692
Wayne	4	114	804	9	0	931
Webster	303	39	0	39	0	381
Wheeler	34	9	45	6	0	94
York	102	169	14	1,234	0	1,519
TOTAL	27,790	105,112	26,699	44,861	14,484	218,946

Table 3. Total number of outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient state of residence and place (region) of service, non-Nebraska residents only, 2020

State of Residence	Region of Service (for key to regions, see footnote at the end of the table)					TOTAL
	Central	East	North	Southeast	West	
Alabama	5	8	0	2	0	15
Alaska	1	5	0	0	1	7
Arizona	9	43	8	13	11	84
Arkansas	2	19	0	4	0	25
California	4	33	8	8	2	55
Colorado	13	51	16	18	112	210
Connecticut	0	0	0	0	0	0
Delaware	1	3	0	0	0	4
Florida	5	69	4	9	7	94
Georgia	1	8	4	0	0	13
Hawaii	0	5	0	0	0	5
Idaho	0	3	1	1	1	6
Illinois	3	34	2	5	1	45
Indiana	2	16	1	3	1	23
Iowa	1,251	16,598	1,017	211	2	19,079
Kansas	803	272	13	379	182	1,649
Kentucky	0	4	0	1	0	5
Louisiana	1	3	1	3	0	8
Maine	0	0	0	1	0	1
Maryland	1	4	1	1	1	8
Massachusetts	0	3	0	0	0	3
Michigan	0	8	1	8	2	19
Minnesota	3	28	15	10	1	57
Mississippi	1	8	1	1	0	11
Missouri	15	337	4	86	3	445
Montana	0	3	0	0	1	4
Nevada	0	18	1	4	1	24
New Hampshire	0	0	0	0	0	0
New Jersey	1	0	0	1	0	2
New Mexico	0	8	3	2	1	14
New York	1	7	0	1	1	10
North Carolina	2	6	1	3	2	14
North Dakota	0	16	2	1	2	21
Ohio	1	2	0	0	0	3
Oklahoma	2	14	6	7	1	30
Oregon	1	8	0	1	2	12
Pennsylvania	2	2	0	1	2	7
Puerto Rico	0	0	0	1	0	1
Rhode Island	0	1	0	0	0	1
South Carolina	3	3	1	4	0	11
South Dakota	5	318	183	28	52	586
Tennessee	4	9	2	2	1	18
Texas	7	89	27	19	7	149
Utah	1	5	0	1	1	8
Vermont	0	2	0	0	0	2
Virgin Islands	2	0	0	0	0	2
Virginia	1	9	2	3	0	15
Washington	2	8	1	9	0	20
Wisconsin	0	10	1	1	0	12

State of Residence	Region of Service (for key to regions, see footnote at the end of the table)					TOTAL
	Central	East	North	Southeast	West	
West Virginia	0	0	0	0	0	0
Wyoming	2	30	1	6	1,295	1,334
Unknown	1	11	0	2	0	14
TOTAL	2,159	18,141	1,328	861	1,696	24,185

NOTE: Regions of service are comprised of the following groups of counties:

Central—Adams, Blaine, Buffalo, Clay, Custer, Franklin, Garfield, Greeley, Hall, Hamilton, Harlan, Howard, Kearney, Loup, Merrick, Nuckolls, Phelps, Sherman, Valley, Webster, and Wheeler Counties

East—Douglas and Sarpy Counties

North—Antelope, Boone, Boyd, Brown, Burt, Cedar, Cherry, Colfax, Cuming, Dakota, Dixon, Dodge, Holt, Keya Paha, Knox, Madison, Nance, Pierce, Platte, Rock, Stanton, Thurston, Washington, and Wayne Counties

Southeast—Butler, Cass, Fillmore, Gage, Jefferson, Johnson, Lancaster, Nemaha, Otoe, Pawnee, Polk, Richardson, Saline, Saunders, Seward, Thayer, and York Counties

West—Arthur, Banner, Box Butte, Chase, Cheyenne, Dawes, Dawson, Deuel, Dundy, Frontier, Furnas, Garden, Gosper, Grant, Hayes, Hitchcock, Hooker, Keith, Kimball, Lincoln, Logan, McPherson, Morrill, Perkins, Red Willow, Scotts Bluff, Sheridan, Sioux, and Thomas Counties

Table 4. Average billed charge (in dollars(\$)) for the twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient county of residence, Nebraska residents only, 2020

County of Residence	Type of Procedure (for key to procedure codes, see footnote at the end of Table 5)																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Adams	6,187	2,157	5,481	3,825	6,275	3,180	4,741	2,791	1,685	5,531		5,569	6,717	16,280	372	9,911	2,718	10,522	2,140	11,424
Antelope	5,133	3,671	3,666	3,637	2,320	1,145	4,079	1,723	1,499	5,554	6,068	4,768	5,140	8,035	750	4,417	1,633	9,525	5,131	19,794
Arthur	1,450			4,350						3,294			12,589			8,992				
Banner	3,792	1,969	4,945	2,519					4,492						1,005	14,333				
Blaine	8,117	4,210	4,510	3,671	13,724															
Boone	5,379	3,086	4,205	2,894	3,961	1,082	3,703	1,599	1,923	6,015		3,902	3,500	9,634	713	8,734	1,465	7,572	996	10,196
Box Butte	4,780	2,108	4,475	3,225	4,818	5,894	4,191	3,333	2,839	4,010	217	6,502	6,633	16,439	800	8,901	1,663	12,940		12,839
Boyd	5,899	6,530	4,435	4,775	1,502			1,779	1,306				9,765	5,273		10,873	1,159	10,838		
Brown	6,253	5,628	4,519	3,967	5,433	3,037		1,389	888	8,855			10,315	17,545	492	4,261	1,192	10,615		12,182
Buffalo	5,779	2,599	5,636	2,568	7,991	3,215	4,816	1,817	1,554	2,912		7,896	11,240	20,585	993	11,431	1,429	9,806	9,313	18,311
Burt	4,764	5,112	4,438	2,968	3,758	1,014	4,283	2,643	1,882	5,900		5,462	8,859	14,645	850	9,869	1,264	10,823	2,694	2,951
Butler	3,300	2,703	3,944	3,003	3,407	1,152	3,875	2,051	1,724	4,874		3,828	3,193	15,218	688	10,387	1,856	8,810	2,335	3,266
Cass	4,648	4,673	4,707	3,610	4,704	2,321	3,509	2,308	2,718	4,475		5,104	9,552	19,536	1,103	13,378	5,095	11,457	3,202	11,676
Cedar	5,954	3,799	3,724	3,284	3,290		4,983	1,906	1,398	4,016		1,877	9,414	11,093	947	9,163	1,343	14,713	2,278	20,255
Chase	5,769	4,234	5,824	3,671	4,462	4,321	5,103	3,317	3,111			6,250	11,558	13,314	976	11,669	2,103		4,140	
Cherry	4,416	4,274	3,140	2,206	7,063	2,159	5,591	1,816	2,541	8,134	217	6,948	5,584	22,414	655	8,241	2,019	10,347	4,960	8,311
Cheyenne	7,693	2,466	7,586	5,261	8,978		5,267	3,645	4,720	3,796		4,753	7,244	14,613	334	9,227	957	8,792	2,335	3,331
Clay	5,073	2,761	4,657	3,070	2,997	1,451	5,945	1,311	2,063	3,796		4,492	4,352	24,033	688	10,224	1,209	10,784	2,006	8,749
Colfax	6,196	3,326	4,041	3,790	4,695	1,097	2,864	1,716	1,152	6,270		6,226	7,153	17,288		9,398	2,561	8,921	2,113	2,736
Cuming	6,225	5,806	5,487	4,302	4,718	1,125	6,384	1,741	1,990	5,108		5,025	11,662	11,889	1,047	13,974	961	3,931	6,374	10,669
Custer	6,229	3,105	5,303	4,131	5,522	1,431	3,778	2,449	2,792	2,591		7,632	9,622	19,605	800	10,419	501	11,096	6,746	
Dakota	6,995	4,593	5,262	4,108	7,925	2,297	5,020	2,284	1,501	5,818	217	5,572	8,587	12,418	1,010	5,439	1,527	7,728	11,120	13,503
Dawes	5,668	5,387	6,184	5,702	2,485	1,930	13,143	2,561	4,723	4,277		3,386	10,289	14,367	800	15,128				12,989
Dawson	5,336	2,736	4,725	2,951	6,458		5,159	2,736	2,524	4,277		2,671	16,633		940		984			14,310
Deuel	6,830	3,421	4,424	4,415	7,406		3,992	1,186				3,784	6,001	16,828	944	4,532		5,349		
Dixon	4,846	4,899	4,756	3,520	4,323	445	4,293	2,020	1,673			4,947	6,852	19,447	910	13,508	1,716	10,899	2,247	3,369
Dodge	5,057	5,240	4,477	2,573	4,073	914	4,074	2,365	2,574	5,143		6,971	11,313	21,158	1,005	13,698	2,691	11,816	4,611	16,638
Douglas	4,529	6,177	4,003	2,623	4,248	2,227	3,731	2,535	2,727	6,076		7,099		9,550	798		656	15,800	4,128	
Dundy	7,192	4,732	4,498	4,685	4,535	6,571	8,628	1,768	3,386			6,848	1,500	14,575	838	8,753	2,573	7,659	2,335	10,275
Fillmore	4,225	4,491	3,717	3,174	3,228	1,825	4,776	3,554	2,129	3,906		3,196	10,756	13,525	1,005	8,489	870	9,481	4,111	12,757
Franklin	5,760	2,331	4,593	2,769	8,387		3,625	2,225	1,191			1,837	10,776	17,040	1,005	8,194	937	7,093	4,111	
Frontier	6,141	3,147	4,498	2,130	15,346	1,427	7,680	3,347		2,833		5,890	12,358	14,687	1,047	8,969	1,206	9,154		
Furnas	6,524	3,184	5,358	2,803	5,396		5,830	2,871	1,600	10,467		4,700	4,714	11,179		6,784	1,301	9,110	2,257	9,802
Gage	3,919	8,684	5,235	3,891	3,249	1,680	3,522	2,388	1,811	3,652										

Type of Procedure (for key to procedure codes, see footnote at the end of Table 5)

County of Residence	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Garden	5,565	2,324	5,236	3,821	7,058	4,008		3,941	2,399			5,725		23,078	800	8,956	1,097		6,125	10,048
Garfield	5,257	5,645	3,360	3,782	7,288	1,861	4,792	1,827	943	1,553	222	21,286		9,891	1,029	10,725	1,012	7,729	5,843	8,532
Gosper	4,607	2,452	4,247	2,958	4,478	2,297	2,370	1,720	2,427	2,800				11,278	1,117		450			
Grant	5,260	2,425	3,944	2,882	4,554	6,678		2,390	2,460		217				800	15,439	8,058			19,627
Greeley	5,172	3,946	3,257	2,823	4,411	824	3,996	1,140	1,191	3,293		5,207	8,876	5,000	680	9,768		2,700	6,398	
Hall	3,005	3,603	1,805	1,492	1,774	2,732	5,413	1,075	1,253	2,057		4,021	2,619	10,868	739	6,257	2,070	3,744	3,190	8,865
Hamilton	4,202	4,190	3,034	1,290	3,178	1,766	3,630	973	1,406	3,111		4,109	4,799	9,968	700	7,248	768	5,486		12,189
Harlan	4,924	2,538	5,345	2,890	8,148	881	2,431		2,583	1,553		6,289	8,958	17,400	1,005	6,452	1,763	6,159		
Hayes	9,192	4,250	2,801	4,210				3,079	4,059				8,674				1,747		4,224	
Hitchcock	5,232	3,765	6,089	4,740	4,252	881	1,500	3,102	1,191			5,388	11,930	18,820	1,089	10,785	2,884	10,015		
Holt	6,019	6,461	4,844	3,856	3,294	4,271	3,396	1,746	1,217	3,438		6,364	7,140	8,241	653	8,547	1,757	13,968	1,499	12,393
Hooker	10,657		15,208		1,568							9,074	5,110	15,337	1,005		1,106	5,572		
Howard	4,072	3,604	2,179	1,127	2,883	1,955	3,731	750	1,774	4,990		4,328	7,670	7,848		6,902	1,979	2,831	1,500	13,120
Jefferson	2,128	5,638	4,010	3,754	2,321	1,321	2,092	3,349	2,320	4,132		3,402	3,353	9,446		5,845	2,180	6,701	2,414	4,938
Johnson	4,774	4,989	4,849	3,194	4,865	837	2,767	2,756	2,544	3,024		3,656	4,025	11,945		15,449	687	6,307	2,205	
Kearney	5,209	2,710	5,560	2,949	8,314		5,002	1,657	2,430	3,951		3,968	8,988	20,178	847	8,222	1,221	6,074		10,195
Keith	5,485	4,363	5,132	3,683	6,442	1,777	6,204	2,598	4,204		217	5,158	14,674	15,162	903	11,717	1,212	8,587		
Keya Paha	5,552	5,592	5,134	3,234			2,571			2,890			6,712	39,934	617			6,307		
Kimball	3,802	1,969	4,130	3,227	5,909	1,842	4,273	3,747	2,183	7,584	217	12,117		19,024	800	2,754	2,289			
Knox	4,787	4,038	5,340	4,235	3,811	831	16,204	1,983	1,599	2,675		4,096	3,134	8,561	905	4,207	1,432	17,674	5,167	17,814
Lancaster	2,775	4,137	2,540	1,649	2,106	931	2,839	2,123	2,013	3,858	4,294	3,288	4,317	9,694	837	7,445	1,467	6,080	2,431	10,895
Lincoln	6,764	2,559	4,176	4,064	4,141	3,503	4,071	3,831	3,902	6,455		4,708	13,859	21,074		9,949	1,542	11,284	4,046	
Logan	11,891							4,612						21,939		43,897	1,004			
Loup	6,078	2,450			3,829	1,349						5,540				8,037				
Madison	5,365	4,044	2,870	2,190	1,877	1,316	5,537	1,742	1,501	3,357		4,275	3,399	8,321	902	5,606	1,659	9,839	2,873	7,188
McPherson	6,771								4,505			8,041		19,721			1,098			
Merrick	4,997	3,572	2,247	2,146	2,058	976	4,784	925	1,765	3,471		4,350	11,326	10,068	680	7,457	2,577	4,987	4,093	14,012
Morrill	6,767	1,969	5,369	3,771	3,483		5,713	3,073	3,645	6,367	222	5,830	5,117	30,864	800		19,505	11,887		23,261
Nance	3,945	2,511	4,445	2,608	3,643	3,209	3,398	1,655	1,251	2,512			1,158	5,000	680	4,722	2,129	6,719	9,084	
Nemaha	3,303	5,601	4,351	3,441	3,104	4,425	5,099	3,773	2,250	4,339		3,536	4,591	12,829	850	9,622	4,196	5,515	2,335	17,634
Nuckolls	5,350	2,752	4,715	3,563	5,066	1,466	5,218	2,770	1,650	3,179		2,687	8,886	17,102	267	6,602	1,448	6,082	1,500	
Otoe	3,680	5,584	4,345	2,839	3,833	1,437	3,353	3,477	2,814	4,683		3,950	6,814	8,935	1,000	9,566	1,716	6,909	3,036	9,990
Pawnee	3,446	6,258	2,732	3,740	3,193	1,024	3,678		5,003	3,527	217	4,652	3,417	22,194	1,005	10,430	1,209	12,851	1,623	11,037
Perkins	4,928	4,589	4,547	3,958	5,905		4,416	2,589	2,894			5,431	13,099	12,289		8,994	1,966	4,108	2,335	21,590
Phelps	4,935	2,697	4,144	2,424	5,585	2,297	4,703	2,414	2,340	5,216		6,421	8,142	14,129	1,005	7,653	1,594	9,793	2,335	9,663
Pierce	6,910	4,001	4,059	2,385	3,120	1,193	5,576	1,698	1,453	5,656	2,983	14,371	2,061	8,758	850	4,226	2,128	7,576		3,322
Platte	4,890	2,584	4,446	2,393	3,570	1,747	4,958	1,676	1,368	5,583		5,999	5,082	12,331	770	10,356	1,546	13,779	1,688	15,016

County of Residence	Type of Procedure (for key to procedure codes, see footnote at the end of Table 5)																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Polk	4,754	3,113	4,393	2,377	3,467	1,024	1,444	1,812	2,189	3,537		3,853	2,574	9,253	680	14,211	1,734	7,019		2,714
Red Willow	6,333	4,174	5,029	4,182	4,570	2,297	4,418	3,117	1,441	6,602		5,245	14,611	13,936	1,005	13,364	1,262	10,390	4,196	13,785
Richardson	5,068	4,829	4,127	3,137	3,588	2,139	5,224	1,779	2,438	5,470		3,976	4,270	10,913		10,337	1,132	6,500	2,240	27,394
Rock	8,348	3,579	4,635	3,651	3,481	881		1,725		2,120				18,202		16,937	377	5,283		3,322
Saline	2,880	5,318	3,522	2,427	3,470	1,220	2,411	2,130	1,713	3,313		3,600	3,011	10,727		7,176	1,423	6,301	2,335	17,029
Sarpy	5,753	4,746	5,271	3,657	5,564	2,732	4,583	2,543	2,731	6,177	5,349	6,392	12,029	20,446	1,155	14,053	3,596	12,655	3,742	14,423
Saunders	4,295	5,561	3,724	2,445	3,874	1,046	2,545	2,253	1,757	5,412		5,569	7,738	13,031	925	12,181	2,206	7,178	3,849	4,487
Scotts Bluff	4,944	1,974	3,848	2,710	3,801	5,276	4,545	2,935	3,852	7,231	220	7,096	9,426	24,024	799	10,200	4,995	15,389	5,560	19,104
Seward	2,909	4,052	3,469	2,853	2,681	1,025	2,402	3,327	1,822	4,075	14,723	4,381	2,692	10,377		7,340	1,157	5,678	2,312	12,686
Sheridan	5,232	4,522	5,676	5,149	5,994	831	5,289	6,003	2,498	7,605	217	9,674	9,235	13,447	800		1,642	10,515		
Sherman	5,127	3,761	4,359	2,236	7,238	2,297	3,627	750	1,150	1,200		16,718	4,075	15,137	1,005	6,432	2,177	6,478	1,678	
Sioux		1,969	3,417	2,539				2,399		217										
Stanton	4,717	3,824	3,168	2,107	1,977			1,792	1,516	3,045		3,367	2,082	8,444	792	7,425	1,332	23,801	2,059	
Thayer	3,887	4,541	4,078	3,011	5,205	1,730	3,888	4,255	2,251	4,603		4,625	3,125	12,352	466	7,248	1,666	7,799	2,583	12,477
Thomas	5,726	5,617	6,416	2,567								10,221	5,598	22,097		8,823	1,160		5,668	
Thurston	6,590	4,848	5,590	3,407	7,437	953	5,104	2,043	1,725	6,539		3,665	9,478	18,610	893	14,628	757	8,829	4,304	3,047
Valley	4,665	5,753	4,106	3,780	4,916	1,756	3,113	750	3,137	2,832		6,147		13,129	1,009	5,665	1,722	6,013		18,390
Washington	4,311	6,194	4,495	2,552	3,643	1,053	4,203	2,893	2,375	6,216	6,068	6,312	9,056	17,743	1,222	12,935	9,040	12,304	2,386	5,078
Wayne	5,183	4,214	3,633	3,285	3,396	1,412	3,615	1,765	1,406	2,645		3,189	2,161	7,017	974	7,036	1,585	4,424		3,871
Webster	4,643	2,262	5,981	2,633	4,791	2,002		1,817		6,373		4,631	9,723	22,470	383	11,407	450	6,773		
Wheeler	3,722	7,103	5,069	3,725	3,811	1,695	3,654			3,365				10,668		13,707	2,182			
York	3,802	4,108	3,392	2,789	3,180	1,503	2,807	2,203	1,561	4,736		4,505	7,901	10,545	680	7,841	1,813	9,683	2,268	15,903

NOTE: Average billed charges in bold are based on five or fewer procedures.

Table 5. Average billed charge (in dollars) for the twenty most frequent outpatient surgical procedures performed at Nebraska hospitals and ambulatory surgical centers, by patient state of residence, non-Nebraska residents only, 2020

State of Residence	Type of Procedure (for key to procedure codes, see footnote at the end of the table)																				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
Alabama	9,737				2,900	914													3,120		
Alaska	7,360	10,283		1,500																	
Arizona	12,603	3,343	3,530	1,833	7,995	864					217		8,906	22,325	800	11,416			2,335		
Arkansas	9,816			1,450	2,900																
California	1,450	4,419	1,000	1,450	9,642	831			4,308					16,743			3,170				
Colorado	3,531	2,599	5,299	4,088	3,735	2,086		3,514	3,978		217			16,743	800		1,528	10,577	2,207	3,510	
Florida	3,533	6,219	2,417	1,450	2,739		8,191	2,054						5,273	1,000		2,897	9,685			
Georgia	5,122		6,437		2,175														9,000		
Hawaii			4,350																		
Idaho			1,925	1,000																	
Illinois	7,043		5,029	3,591	2,900							5,755		13,138					20,366		3,047
Indiana								1,970				3,848									
Iowa	4,816	3,919	4,416	2,987	4,056	2,571	4,211	2,232	3,083	6,499	4,952	6,992	13,322	21,067	973	15,654	2,661	10,724	4,207	10,914	
Kansas	5,187	3,282	4,650	3,084	5,476	2,591	6,864	3,166	2,095	3,074		5,951	13,192	18,574	837	19,756	1,954	8,940		10,916	
Kentucky				2,900																	
Louisiana	9,381							1,725						7,135							
Maine	6,831																				
Maryland	1,450																				
Massachusetts	2,900		8,502																		
Michigan	7,087		5,590	3,000						2,800		6,271									
Minnesota	6,741	4,249	7,124			1,083	1,360														
Mississippi	9,151						12,257														
Missouri	4,889					2,424	4,842	2,864							1,010	14,458	1,863	7,839		12,949	
Montana	11,519		3,787	4,156	2,771	2,900											1,132				
Nevada	1,450		1,225		5,199		1,500		1,650												
New Jersey	30,985																				
New Mexico			11,591	1,450				2,015													
New York																					
North Carolina			2,900																		
North Dakota	14,179		8,866	1,450			3,041														
Ohio																					
Oklahoma	8,107		2,900	1,000	2,050																
Oregon	2,900	4,249	2,900				7,279														
Pennsylvania			3,954																		
										3,378			17,572	11,103						3,120	

South Carolina	4,173	1,000	5,211	6,127	1,385	16,007	2,214	3,735	9,826	217	6,115	13,823	7,677	761	14,458	2,329	13,169	1,714
South Dakota	5,621	2,960	4,190	5,211	6,127	1,385	16,007	2,214	3,735	9,826	217	6,115	13,823	7,677	14,458	2,329	13,169	1,714
Tennessee	3,734	5,102	4,603	1,500	4,014	1,577	1,457	1,404	27,053	217	3,000	11,030						26,086
Texas	8,104	6,641	11,114	3,822	4,014	1,577	1,457	1,404	27,053	217	3,000	11,030					3,120	22,228
Utah	6,641	11,114	5,321	736														
Virginia	11,114	3,693	1,450	881														
Washington	3,693	1,450	14,001															
Wisconsin	5,451	1,969	3,803	2,798	3,513	1,967	3,747	3,700	7,482	217	9,276	17,325	810	9,190	3,747	12,853	2,335	13,361
Wyoming							3,875											
Unknown																		

NOTE: Average billed charges in **bold** are based on five or fewer procedures.

Procedure codes:

- A: Upper gastrointestinal endoscopy, with biopsy
- B: Cataract surgery with insertion of intraocular lens (one stage procedure)
- C: Colonoscopy, with biopsy
- D: Diagnostic/screening colonoscopy
- E: Lesion removal colonoscopy
- F: Cystoscopy
- G: Upper gastrointestinal endoscopy, diagnostic
- H: Aspiration procedure on the spine and spinal cord
- I: Injection. Anesthetic agent and/or steroid, transformational epidural; lumbar or sacral, single level
- J: Create eardrum opening
- K: Vitreous procedures on the posterior segment of the eye
- L: Carpal Tunnel surgery
- M: Dental surgery procedure (unlisted procedure, dentoalveolar structures)
- N: Laparoscopic cholecystectomy
- O: Laser posterior capsulotomy
- P: Insertion of central venous access devices with subcutaneous port
- Q: Arthrocentesis, aspiration and /or injection
- R: Knee arthroscopy/surgery
- S: Cystourethroscopy, with removal of foreign body, or ureteral stent from urethra or bladder
- T: Ureter and Pelvis Transurethral Surgical Procedures