

Number of all-listed procedures for discharges from short-stay hospitals, by procedure category and age: United States, 2010

[Discharges of inpatients from nonfederal hospitals. Excludes newborn infants. Procedure groupings and code numbers are based on the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM)]

Procedure category and ICD-9-CM code	All ages		Under 15 years		15-44 years		45-64 years		65 years and over	
	Number	SE \1	Number	SE \1	Number	SE \1	Number	SE \1	Number	SE \1
Number in thousands										
All procedures \2	51,430	5,571	1,771	493	15,036	1,674	15,404	1,689	19,219	2,088
Operations on the nervous system	01-05,17.61	1,243	191	*	324	60	386	58	367	58
Spinal tap	03.31	303	54	*	84	15	77	11	40	7
Operations on the endocrine system	06-07	117	17	*	30	6	46	8	40	8
Operations on the eye	08-16	81	14	*	*23	*6	22	6	32	9
Operations on the ear	18-20	43	11	*	*	*	*	*	*	*
Operations on the nose, mouth, and pharynx	21-29	281	42	*	69	14	81	15	70	13
Operations on the respiratory system	30-34	1,356	167	*	174	28	456	62	664	83
Bronchoscopy with or without biopsy	33.21-33.24,33.27,33.71-33.73,33.78,33.79	348	50	*	41	9	117	19	173	27
Operations on the cardiovascular system	35-39,00.49-00.51,00.53-00.55,00.57,00.61-00.66,17.51,17.52	7,454	913	*	681	91	2,706	333	3,891	484
Balloon angioplasty of coronary artery or coronary atherectomy	00.66	500	74	*	23	5	220	31	257	43
Insertion of coronary artery stent(s)	36.06-36.07	454	70	*	21	4	201	29	233	41
Coronary artery bypass graft \3	36.1	395	63	*	*	*	156	27	229	38
Cardiac catheterization	37.21-37.23	1,029	136	*	64	11	456	59	502	70
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8,00.50,00.53,00.57	370	53	*	*	*	57	13	305	44
Hemodialysis	39.95	716	85	*	88	14	281	34	346	43
Operations on the hemic and lymphatic system	40-41	418	57	*	54	10	174	26	176	26
Operations on the digestive system	42-54,17.1-17.3,17.63	6,027	646	222	64	1,241	139	2,079	219	2,485
Endoscopy of small intestine with or without biopsy	45.11-45.14,45.16	1,107	123	*	*	165	22	365	42	563
Endoscopy of large intestine with or without biopsy	45.21-45.25	499	58	*	*	62	10	152	19	279
Partial excision of large intestine	45.7,17.3	247	30	*	*	33	6	97	14	115
Appendectomy, excluding incidental	47.0	305	46	*	*	156	24	62	10	31
Cholecystectomy	51.2	429	47	*	*	141	20	142	17	143
Lysis of peritoneal adhesions	54.5	356	43	*	*	117	15	109	15	126
Operations on the urinary system	55-59	1,221	138	*	*	268	34	417	50	509
Cystoscopy with or without biopsy	57.31-57.33	174	24	*	*	46	9	62	10	65
Operations on the male genital organs	60-64	218	37	*	*	*	*	85	16	95
Prostatectomy	60.2-60.6	138	24	*	*	*	*	63	13	75
Operations on the female genital organs	65-71	1,609	189	*	*	837	101	547	74	216
Oophorectomy and salpingo-oophorectomy	65.3-65.6	325	41	*	*	109	15	164	23	50
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	261	37	*	*	261	37	*	*	*
Hysterectomy	68.3-68.7,68.9	498	65	*	*	221	32	225	31	52
Obstetrical procedures	72-75	7,424	879	*	*	7,407	876	*	*	...
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	320	43	*	*	318	43	*	*	...
Artificial rupture of membranes	73.0	1,047	155	*	*	1,044	154	*	*	...
Medical induction of labor	73.4	762	105	*	*	761	105	*	*	...
Cesarean section	74.0-74.2,74.4,74.99	1,325	153	*	*	1,323	153	*	*	...
Repair of current obstetric laceration	75.5-75.6	1,291	143	*	*	1,289	143	*	*	...
Operations on the musculoskeletal system	76-84,00.70-00.77,00.80-00.84,00.85-00.87	5,561	775	152	43	913	152	2,267	327	2,229
Partial excision of bone	76.2-76.3,77.6-77.8	321	61	*	*	57	12	149	29	107
Reduction of fracture	76.7,79.0-79.3	671	94	*	*	161	27	166	29	289
Open reduction of fracture with internal fixation	79.3	438	65	*	*	102	18	114	20	196
Excision or destruction of intervertebral disc	80.5	342	56	*	*	85	17	178	28	76
Total hip replacement	81.51,00.85	332	52	*	*	16	4	148	27	168
Total knee replacement	81.54	719	103	*	*	14	4	317	49	385
Operations on the integumentary system	85-86	1,484	166	72	20	394	47	532	67	486
Debridement of wound, infection, or burn	86.22,86.28	306	44	*	*	65	11	118	23	113
Miscellaneous diagnostic and therapeutic procedures and new technologies \4	87-99,00,17.4,17.62,17.69,17.70,38.24,38.25	16,893	1,889	741	203	2,607	362	5,591	638	7,954
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	*	*	*	*	*	*	*	*	*
Arteriography and angiocardigraphy using contrast material	88.4-88.5	2,390	318	*	*	169	26	1,005	133	1,205

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Number in thousands											
Diagnostic ultrasound	88.7,00.21-00.25,00.28-00.29	1,055	192	*	*	137	30	342	57	538	99
Physical therapy procedures	93.1-93.3	250	70	*	*	*	*	68	20	146	43
Respiratory therapy	93.9,96.7,00.12	1,433	166	122	32	162	24	462	63	686	75
Insertion of endotracheal tube	96.04	675	75	39	11	89	13	222	28	325	36
Transfusion of blood and blood components	99.0	2,767	327	*	*	323	42	761	96	1,622	195
Injection or infusion of cancer chemotherapeutic substance	99.25,00.10	221	36	*	*	47	9	64	10	63	10

* Figure does not meet standards of reliability or precision. Estimates preceded by the asterisk should be used with caution.
... Category not applicable.
\1 SE is standard error.
\2 In 2002, the Chapter 00 codes were established. For reporting purposes, between 2003 and 2005, all Chapter 00 codes were grouped with the miscellaneous diagnostic and therapeutic procedures and new technologies category. Beginning in 2006, the 00 codes are included in the categories and chapters of their previous codes, where applicable.
\3 The number of discharges with a coronary artery bypass graft was 219,000.
\4 Chapter 00 codes included in this category: 00.01-00.03, 00.09-00.19, 00.21-00.25, 00.28-00.29, 00.31-00.35, 00.39, 00.40-00.48, 00.52, 00.56, 00.58-00.59, 00.67-00.69, 00.91-00.94.

NOTE: Users should be aware that some estimates of all-listed procedures in 2010 may exhibit marked increases if compared with prior years, due to the expansion of procedure codes collected from 4 to 8.

SOURCE: CDC/NCHS National Hospital Discharge Survey, 2010.

More information about survey methodology can be found at:
ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHDS/NHDS_2010_Documentation.pdf.