

Number of all-listed procedures for discharges from short-stay hospitals, by procedure category and sex: 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	Both sexes		Male		Female		
	Number	SE \1	Number	SE \1	Number	SE \1	
	Number in thousands						
All procedures \2	51,430	5,571	21,165	2,367	30,265	3,251	
Operations on the nervous system	01-05,17.61	1,243	191	594	97	649	102
Spinal tap	03.31	303	54	151	30	152	26
Operations on the endocrine system	06-07	117	17	49	9	67	11
Operations on the eye	08-16	81	14	48	10	33	7
Operations on the ear	18-20	43	11	*21	*5	*	*
Operations on the nose, mouth, and pharynx	21-29	281	42	178	30	104	18
Operations on the respiratory system	30-34	1,356	167	696	85	660	88
Bronchoscopy with or without biopsy	33.21-33.24,33.27,33.71-33.73,33.78,33.79	348	50	170	26	178	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	4,319	536	3,135	387
Balloon angioplasty of coronary artery or coronary atherectomy	00.66	500	74	334	49	166	27
Insertion of coronary artery stent(s)	36.06-36.07	454	70	308	47	146	25
Coronary artery bypass graft \3	36.1	395	63	296	48	99	18
Cardiac catheterization	37.21-37.23	1,029	136	638	85	391	53
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8,00.50,00.53,00.57	370	53	196	31	174	29
Hemodialysis	39.95	716	85	374	46	342	45
Operations on the hemic and lymphatic system	40-41	418	57	194	31	225	29
Operations on the digestive system	42-54,17.1-17.3,17.63	6,027	646	2,665	291	3,362	361
Endoscopy of small intestine with or without biopsy	45.11-45.14,45.16	1,107	123	493	54	614	72
Endoscopy of large intestine with or without biopsy	45.21-45.25	499	58	213	27	286	35
Partial excision of large intestine	45.7,17.3	247	30	112	13	136	18
Appendectomy, excluding incidental	47.0	305	46	164	25	142	24
Cholecystectomy	51.2	429	47	138	15	291	36
Lysis of peritoneal adhesions	54.5	356	43	94	15	262	31
Operations on the urinary system	55-59	1,221	138	559	66	663	77
Cystoscopy with or without biopsy	57.31-57.33	174	24	62	9	112	17
Operations on the male genital organs	60-64	218	37	218	37	...	...
Prostatectomy	60.2-60.6	138	24	138	24	...	...
Operations on the female genital organs	65-71	1,609	189	...	...	1,609	189
Oophorectomy and salpingo-oophorectomy	65.3-65.6	325	41	...	...	325	41
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	261	37	...	...	261	37
Hysterectomy	68.3-68.7,68.9	498	65	...	...	498	65
Obstetrical procedures	72-75	7,424	879	...	...	7,424	879
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	320	43	...	...	320	43
Artificial rupture of membranes	73.0	1,047	155	...	...	1,047	155
Medical induction of labor	73.4	762	105	...	...	762	105
Cesarean section	74.0-74.2,74.4,74.99	1,325	153	...	...	1,325	153
Repair of current obstetric laceration	75.5-75.6	1,291	143	...	...	1,291	143
Operations on the musculoskeletal system	76-84,00.70-00.77,00.80-00.84,00.85-00.87	5,561	775	2,552	363	3,009	420
Partial excision of bone	76.2-76.3,77.6-77.8	321	61	163	29	158	33
Reduction of fracture	76.7,79.0-79.3	671	94	282	43	389	54
Open reduction of fracture with internal fixation	79.3	438	65	176	29	262	39
Excision or destruction of intervertebral disc	80.5	342	56	164	29	178	31
Total hip replacement	81.51,00.85	332	52	154	25	178	29
Total knee replacement	81.54	719	103	273	42	445	63
Operations on the integumentary system	85-86	1,484	166	637	77	847	97
Debridement of wound, infection, or burn	86.22,86.28	306	44	170	23	136	24
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	8,435	942	8,458	963
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	*	*	*	*	*	*
Arteriography and angiocardiology using contrast material	88.4-88.5	2,390	318	1,430	193	960	131
Diagnostic ultrasound	88.7,00.21-00.25,00.28-00.29	1,055	192	508	91	547	106

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Physical therapy procedures	93.1-93.3	250	70	125	36	125	37
Respiratory therapy	93.9,96.7,00.12	1,433	166	732	91	701	79
Insertion of endotracheal tube	96.04	675	75	357	41	319	38
Transfusion of blood and blood components	99.0	2,767	327	1,227	147	1,540	185
Injection or infusion of cancer chemotherapeutic substance	99.25,00.10	221	36	126	26	94	15

* 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, Chapter 00 codes were established. These codes were grouped with the miscellaneous diagnostic and therapeutic procedures and new technologies chapter until the 2006 data year. Beginning in 2006, the 00 codes are included in the categories and chapters where their previous codes were assigned, where applicable. In 2008, Chapter 17 codes were created to accommodate other miscellaneous diagnostic and therapeutic procedures. These codes are assigned to the general miscellaneous diagnostic and therapeutic procedures and new technologies chapter, unless they relate to a specific body system (e.g. the nervous, cardiovascular or digestive system). 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.

\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.