

Table 104. Discharges in nonfederal short-stay hospitals, by sex, age, and selected first-listed diagnosis: United States, selected years 1990 through 2009-2010

(Data are based on a sample of hospital records)

Age and first-listed diagnosis	Discharges								
	Both sexes			Male			Female		
	1990	2000	2009-2010 <sup>1</sup>	1990	2000	2009-2010 <sup>1</sup>	1990	2000	2009-2010 <sup>1</sup>
	Number in thousands								
All ages <sup>2</sup>	30,788	31,706	35,599	12,280	12,514	14,461	18,508	19,192	21,139
Under 18 years <sup>2</sup>	3,072	2,912	*2,506	1,572	1,515	*1,309	1,500	1,397	*1,197
Dehydration	63	114	*64	32	64	*35	31	50	*29
Acute bronchitis and bronchiolitis	114	201	*119	67	116	*73	47	85	*46
Pneumonia	221	182	*167	126	95	*84	95	87	*83
Asthma	182	214	*140	111	129	*88	71	85	*52
Appendicitis	83	86	*72	50	48	*45	34	38	*26
Injury	329	243	*173	210	156	*104	119	87	*69
Fracture	117	100	*76	76	68	*48	42	32	*28
Complications of care and adverse effects	41	*52	*39	22	*29	*21	19	*23	*18
18-44 years <sup>2</sup>	11,138	9,439	9,746	3,120	2,498	2,465	8,018	6,941	7,280
HIV/AIDS	*20	47	24	*15	32	17	*	15	*7
Cancer, all	181	117	114	64	41	40	116	76	74
Childbirth	...	...	...	...	...	...	3,815	3,588	3,851
Uterine fibroids	...	...	...	...	...	...	110	121	84
Diabetes	105	127	159	61	72	79	44	55	81
Alcohol and drug	284	330	215	199	217	147	84	*112	69
Schizophrenia, mood disorders, delusional disorders, nonorganic psychoses	384	*596	541	184	*296	271	200	*300	271
Schizophrenia	145	*160	140	88	*104	84	57	*56	56
Mood disorders	211	*399	368	83	*172	166	128	*227	202
Heart disease	236	242	228	163	148	140	73	95	88
Ischemic heart disease	129	109	68	95	79	47	34	31	21
Pneumonia	136	121	107	69	55	51	67	66	56
Asthma	106	100	85	27	30	26	79	70	59
Intervertebral disc disorders	222	138	96	138	81	49	84	58	47
Injury	935	509	503	641	346	316	294	164	187
Fracture	302	198	203	217	141	142	85	57	61
Poisoning and toxic effects	124	95	125	54	37	55	70	57	70
Complications of care and adverse effects	135	135	187	63	62	74	72	73	113
45-64 years <sup>2</sup>	6,244	6,958	9,585	3,115	3,424	4,710	3,129	3,534	4,874
HIV/AIDS	*3	*20	16	*3	*15	12	*	*	*4
Cancer, all	545	393	497	236	189	244	309	204	253
Colorectal cancer	59	49	60	33	27	30	26	22	29
Lung/bronchus/tracheal cancer	101	43	62	60	26	28	41	17	34
Breast cancer <sup>3</sup>	...	...	...	...	...	...	69	45	47
Prostate cancer	...	...	...	19	29	*53	...	...	...
Uterine fibroids	...	...	...	...	...	...	70	114	95
Diabetes	134	207	255	65	114	128	70	93	127
Alcohol and drug	100	146	194	77	102	142	23	44	52
Schizophrenia, mood disorders, delusional disorders, nonorganic psychoses	152	267	379	56	*120	169	95	146	210
Schizophrenia	47	80	115	19	*44	61	28	36	54
Mood disorders	91	*168	242	32	*66	97	58	*103	146
Heart disease	1,100	1,271	1,162	704	802	730	397	470	432
Ischemic heart disease	739	789	544	502	539	371	237	251	173
Heart attack	233	242	210	165	178	147	68	64	63
Arrhythmias	131	157	197	79	97	121	53	60	76
Heart failure	122	196	254	68	102	145	54	94	109
Hypertension	75	119	143	38	53	69	37	65	74
Stroke	162	229	288	91	116	160	72	113	127
Pneumonia	154	220	261	76	104	135	79	117	126
Chronic obstructive pulmonary disease	73	192	231	39	94	94	34	99	137
Asthma	86	84	125	26	19	34	59	65	92
Osteoarthritis	87	150	491	36	63	211	51	87	280
Intervertebral disc disorders	145	132	162	82	68	82	63	64	79
Injury	334	299	450	178	155	242	157	144	208
Fracture	149	164	233	74	77	122	75	87	111
Poisoning and toxic effects	29	39	95	10	17	43	19	23	52
Internal organ injury	36	28	56	23	18	35	14	10	*21
Complications of care and adverse effects	148	215	398	79	110	199	69	105	199
65-74 years <sup>2</sup>	4,689	4,678	5,251	2,268	2,199	2,540	2,421	2,479	2,711
Septicemia	49	65	150	27	33	76	21	32	74
Cancer, all	436	292	311	222	146	171	214	146	140
Colorectal cancer	48	42	35	24	25	20	24	17	15
Lung/bronchus/tracheal cancer	77	48	58	50	23	33	26	25	25
Breast cancer <sup>3</sup>	...	...	...	...	...	...	42	31	19
Prostate cancer	...	...	...	40	31	29	...	...	...
Diabetes	93	85	96	34	39	45	59	47	51
Schizophrenia, mood disorders, delusional disorders, nonorganic psychoses	59	68	*62	20	*28	*21	39	40	*41
Dementia and Alzheimer's disease	10	*21	*18	4	*13	*	*6	*7	*9
Heart disease	1,000	1,111	860	547	586	498	453	525	363
Ischemic heart disease	576	564	359	331	329	229	245	235	131
Heart attack	185	184	131	110	104	81	75	81	50
Arrhythmias	124	188	180	67	90	97	57	99	82
Heart failure	188	242	198	93	113	110	95	128	88
Hypertension	39	39	61	13	14	*24	26	26	38
Stroke	222	233	231	108	109	124	114	124	107
Pneumonia	176	223	177	90	106	85	86	117	92
Chronic obstructive pulmonary disease	81	188	208	41	85	91	40	103	117
Gallstones	79	61	47	30	25	23	49	36	24
Kidney disease	18	35	121	9	17	70	9	18	51
Urinary tract infection	54	47	80	17	16	25	37	31	56
Hyperplasia of the prostate	...	...	...	113	45	21	...	...	...
Osteoarthritis	122	186	339	44	86	133	78	101	206
Injury	193	187	203	71	70	75	122	117	128
Fracture	120	116	126	36	39	37	85	77	88
Hip fracture	48	49	39	12	*17	12	36	32	27
Complications of care and adverse effects	125	147	203	68	79	102	57	68	101
75-84 years <sup>2</sup>	3,949	5,119	5,257	1,660	2,107	2,283	2,289	3,013	2,973
Septicemia	54	85	183	24	38	84	30	46	99
Cancer, all	300	241	227	158	104	109	142	137	119

Colorectal cancer.....	50	41	39	20	18	17	29	23	22
Lung/bronchus/tracheal cancer.....	36	33	44	22	16	22	*15	18	22
Breast cancer <sup>3</sup> .....	...	...	...	...	...	...	24	23	13
Prostate cancer.....	...	...	37	13	...	*6	...	...	...
Diabetes.....	44	79	88	17	33	37	27	45	51
Schizophrenia, mood disorders, delusional disorders, nonorganic psychoses.....	39	51	*	*10	*15	*	28	36	*24
Dementia and Alzheimer's disease.....	20	45	58	9	18	26	11	27	33
Heart disease.....	865	1,185	976	377	521	466	488	664	510
Ischemic heart disease.....	382	517	328	177	259	173	205	258	156
Heart attack.....	156	207	149	83	104	70	73	103	78
Arrhythmias.....	133	219	223	58	86	92	76	134	131
Heart failure.....	261	327	291	108	133	137	153	194	154
Hypertension.....	23	49	50	*	*14	*10	19	35	33
Stroke.....	258	317	260	104	137	116	154	181	144
Pneumonia.....	224	327	237	112	153	107	112	175	130
Chronic obstructive pulmonary disease.....	55	181	173	34	88	83	22	93	91
Gallstones.....	48	49	52	20	20	22	28	29	30
Kidney disease.....	24	47	145	10	24	68	*14	23	77
Urinary tract infection.....	86	106	162	25	36	48	61	71	114
Hyperplasia of the prostate.....	...	...	...	69	33	21	...	...	...
Osteoarthritis.....	69	125	213	25	38	84	44	87	129
Injury.....	259	284	313	58	84	104	201	200	208
Fracture.....	195	211	219	35	57	62	161	154	158
Hip fracture.....	115	123	92	20	34	25	95	89	66
Complications of care and adverse effects.....	81	126	162	38	67	83	43	59	79

85 years and over<sup>2</sup>..... 1,694 2,599 3,256 543 771 1,153 1,151 1,828 2,102

Septicemia.....	41	66	150	12	26	60	29	40	90
Cancer, all.....	77	84	83	31	31	39	45	52	44
Colorectal cancer.....	14	21	10	*5	*7	*4	9	14	*6
Lung/bronchus/tracheal cancer.....	*6	5	*14	*	*3	*	*	*3	*6
Breast cancer <sup>3</sup> .....	...	...	...	...	...	...	*9	*6	*5
Prostate cancer.....	...	...	...	*7	*6	*4	...	...	...
Diabetes.....	16	28	34	*5	*7	13	11	21	*21
Schizophrenia, mood disorders, delusional disorders, nonorganic psychoses.....	*8	*16	*	*	*	*8	*7	*13	*
Dementia and Alzheimer's disease.....	15	46	44	*2	12	18	13	34	26
Heart disease.....	335	558	606	112	176	228	223	382	378
Ischemic heart disease.....	128	183	142	49	67	60	79	117	82
Heart attack.....	60	108	92	23	37	37	37	71	56
Arrhythmias.....	51	100	122	16	31	40	35	69	82
Heart failure.....	126	206	259	39	57	98	87	149	161
Hypertension.....	*5	18	28	*	*2	*9	*4	15	19
Stroke.....	129	161	163	35	50	52	95	111	111
Pneumonia.....	151	221	204	64	76	80	88	145	124
Chronic obstructive pulmonary disease.....	13	56	83	*6	19	32	*7	37	50
Gallstones.....	18	17	23	*6	*4	*8	13	*13	15
Kidney disease.....	14	21	96	8	*9	43	*6	*13	53
Urinary tract infection.....	65	82	185	20	19	40	45	63	144
Hyperplasia of the prostate.....	...	...	...	13	*9	*6	...	...	...
Osteoarthritis.....	13	24	40	*	*	*10	8	17	30
Injury.....	164	234	302	37	44	80	127	190	222
Fracture.....	133	194	228	28	32	51	104	162	177
Hip fracture.....	82	118	122	19	18	29	63	100	93
Complications of care and adverse effects.....	29	34	73	11	11	30	18	23	43

\*Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20%-30%.

Data not shown have an RSE of greater than 30%.

...Category not applicable.

<sup>1</sup>Starting with 2008 data, the sample of nonfederal short-stay hospitals was cut in half.

This smaller sample size has increased standard errors. Therefore, caution should be exercised in interpreting trends in these data. See Appendix I, National Hospital Discharge Survey (NHDS).

<sup>2</sup>Includes discharges with first-listed diagnoses not shown in table.

<sup>3</sup>Shown for women only.

NOTES: Excludes newborn infants.

Diagnostic categories are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*.

See Appendix II, Diagnosis; Human immunodeficiency virus (HIV) disease; *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*;

Table X for ICD-9-CM codes.

Additional data and diagnosis categories are available from: <http://www.cdc.gov/nchs/hdi.htm>.

Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS, National Hospital Discharge Survey.

See Appendix I, National Hospital Discharge Survey (NHDS).

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