

Table CDI-1
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2006
Number and Rate of Hospital Discharges, Median and Total Length of Stay and Charge
for Selected Chronic Disease Indicators

Diagnostic Group (ICD-9)	CDI ¹ Indicat	Hospital Discharges									
		No. of Disch	Rate ²		se	Adj Rate 95% CI		Length of Stay ³		Charge ⁴	
			Crude	Age-Adj			Lower	Upper	Median	Total	Median
Principal Diagnosis											
<i>All Discharges</i> ⁵		411,819	11,730.1	11,376.7	17.96	11,341.5	11,411.9	3.0	1,996,004	12,609	8,809,485,556
<i>Excluding newborn & pregnancy</i> ⁶		326,603	9,302.8	8,611.4	15.25	8,581.5	8,641.3	3.0	1,715,456	15,132	8,004,745,775
Diabetes (250)	78	5,134	146.2	137.0	1.93	133.3	140.8	3.0	29,256	12,498	115,563,689
Circulatory (390-459)		59,616	1,698.1	1,503.2	6.22	1,491.0	1,515.4	3.0	292,252	20,173	1,921,961,015
CHD (402, 410-4, 429.2)		16,850	479.9	426.4	3.32	419.8	432.9	2.0	70,127	31,942	677,507,064
Acute Myocardial Infarction (410)	49	6,334	180.4	157.5	2.00	153.6	161.4	4.0	35,424	34,771	290,272,280
Congestive Heart Failure (428)	50	9,703	276.4	238.3	2.45	233.5	243.1	4.0	53,846	16,210	263,426,488
Stroke (430-4, 436-8)	53	7,310	208.2	183.5	2.17	179.2	187.8	4.0	40,765	17,472	210,888,157
COPD (490-496)		9,844	280.4	266.8	2.72	261.5	272.1	3.0	41,585	10,874	148,889,378
Bronchitis (491)		4,570	130.2	116.9	1.75	113.5	120.4	4.0	23,185	13,225	81,635,271
Emphysema (492)		69	2.0	1.8	0.22	1.4	2.2	4.0	347	17,905	1,640,693
Asthma (493)	86	4,827	137.5	138.4	2.01	134.4	142.3	2.0	16,553	8,742	59,631,815
Other COPD (490,494-6)		378	10.8	9.7	0.50	8.7	10.7	3.0	1,500	11,239	5,981,599
Unintentional Injury ⁷		15,004	427.4	394.9	3.27	388.5	401.3	3.0	65,231	16,881	365,626,968
Any Diagnosis											
Diabetes (250)	78	66,468	1,893.3	1,715.2	6.72	1,702.0	1,728.3	4.0	340,601	15,952	1,561,804,416
Diabetes with LE Amputation ⁸	72	988	28.1	25.6	0.82	24.0	27.2	8.0	11,678	31,904	48,244,582
COPD (490-496)		71,046	2,023.6	1,871.0	7.10	1,857.1	1,885.0	4.0	396,157	15,365	1,703,909,779
Asthma (493)	86	30,329	863.9	838.0	4.86	828.5	847.6	3.0	139,810	13,021	592,472,100

1. Indicators for Chronic Disease Surveillance. MMWR no. RR-11. Sept. 10, 2004.

2. Connecticut population groupings were based on *Estimates for the July 1, 2000-July 1, 2006 United States resident population from the Vintage 2006 postcensal series by year, county, age, sex, race, and Hispanic origin*, prepared under a collaborative arrangement with the U.S. Census Bureau. <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm> and were adjusted (+5,978) by DPH staff to correct for incomplete birth and death counts used by the USCB. Backus, K, Mueller, LM (2006) *State-level Bridged Race Estimates for Connecticut, 2006*, Connecticut Department of Public Health, Office of Health Care Quality, Statistics, Analysis & Reporting, Hartford, CT. Rates are age-adjusted to the US 2000 population and are expressed as discharges per 100,000 population. Crude rates are based on a state population of 3,510,787.

3. Hospital stay in days.

4. Charge in U.S. dollars. Charge by hospital may differ from both cost to hospital and payment to hospital.

5. *Includes* newborn, birth and pregnancy-related hospitalizations.

6. This row in part appears in table H1AA of the separate Hospitalization Report.

7. Primary diagnosis 800-909.2, 909.4, 909.9-994.9, 995.5-995.59 with first e-code E800-E869, E880-E929, excluding E849, E869.4, E870-E879, E930-E949, E967.

8. Any diagnosis 250 with a procedure code 84.1 and not having 895-897. Denominator for rate is total population, not estimated persons with diabetes.

By contrast, Healthy People 2010 objective 5-10 does not exclude ICD-9-CM 895-897 and uses an estimate of the number of people with diabetes as the denominator.

Table CDI-2
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2006
Number and Rate of Hospital Discharges
by Sex for Selected Chronic Disease Indicators

Diagnostic Group (ICD-9)	CDI ¹ Indicat	Male						Female					
		No. of Disch	Rate ²		se	Adj Rate 95% CI		No. of Disch	Rate ²		se	Adj Rate 95% CI	
		Crude	Age-Adj		Lower	Upper	Crude	Age-Adj		Lower	Upper		
Principal Diagnosis													
All Discharges ³		172,439	10,088.8	10,346.0	25.12	10,296.8	10,395.3	239,379	13,287.2	12,560.2	26.38	12,508.5	12,611.9
Excluding newborn & pregnancy ⁴		151,753	8,878.5	9,002.9	23.32	8,957.1	9,048.6	174,850	9,705.4	8,354.7	20.52	8,314.5	8,394.9
Diabetes (250)	78	2,735	160.0	158.2	3.06	152.3	164.2	2,399	133.2	119.9	2.50	115.0	124.8
Circulatory (390-459)		31,592	1,848.3	1,884.0	10.71	1,863.0	1,905.0	28,024	1,555.5	1,200.8	7.37	1,186.4	1,215.3
CHD (402, 410-4, 429.2)		10,503	614.5	606.2	5.99	594.5	617.9	6,347	352.3	278.1	3.57	271.1	285.1
Acute Myocardial Infarction (410)	49	3,626	212.1	211.3	3.55	204.3	218.2	2,708	150.3	113.7	2.25	109.3	118.1
Congestive Heart Failure (428)	50	4,619	270.2	288.0	4.27	279.7	296.4	5,084	282.2	203.8	2.95	198.0	209.6
Stroke (430-4, 436-8)	53	3,613	211.4	219.6	3.69	212.3	226.8	3,697	205.2	155.8	2.63	150.6	161.0
COPD (490-496)		4,061	237.6	247.2	3.91	239.5	254.8	5,783	321.0	285.5	3.84	277.9	293.0
Bronchitis (491)		1,967	115.1	120.1	2.73	114.7	125.5	2,603	144.5	116.1	2.32	111.6	120.7
Emphysema (492)		38	2.2	2.2	0.36	1.5	2.9	31	1.7	1.5	0.27	0.9	2.0
Asthma (493)	86	1,906	111.5	115.9	2.67	110.6	121.1	2,921	162.1	157.5	2.97	151.7	163.3
Other COPD (490,494-6)		150	8.8	9.0	0.74	7.6	10.5	228	12.7	10.4	0.70	9.0	11.7
Unintentional Injury ⁶		7,099	415.3	422.6	5.05	412.7	432.5	7,905	438.8	350.4	4.09	342.4	358.5
Any Diagnosis													
Diabetes (250)	78	31,359	1,834.7	1,855.0	10.59	1,834.3	1,875.8	35,109	1,948.8	1,624.4	8.85	1,607.0	1,641.7
Diabetes with LE Amputation ⁵	72	628	36.7	36.4	1.47	33.5	39.3	360	20.0	16.8	0.90	15.0	18.5
COPD (490-496)		29,601	1,731.9	1,795.7	10.53	1,775.0	1,816.3	41,445	2,300.5	1,991.3	10.03	1,971.6	2,010.9
Asthma (493)	86	9,807	573.8	579.4	5.90	567.9	591.0	20,522	1,139.1	1,079.6	7.68	1,064.5	1,094.6

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Crude rates are based on a state population of 3,510,787.

3. Includes newborn, birth and pregnancy-related hospitalizations.

4. This row in part appears in table H1AA of the separate Hospitalization Report.

5. Any diagnosis 250 with a procedure code 84.1 and not having 895-897. Denominator for rate is total population, not estimated persons with diabetes.

By contrast, Healthy People 2010 objective 5-10 does not exclude ICD-9-CM 895-897 and uses an estimate of the number of people with diabetes as the denominator.

6. Primary diagnosis 800-909.2, 909.4, 909.9-994.9, 995.5-995.59 with first e-code E800-E869, E880-E929, excluding E849, E869.4, E870-E879, E930-E949, E967.

Table CDI-3
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2006
Number and Rate of Hospital Discharges

by Race-Ethnicity Groups for Selected Chronic Disease Indicators

Diagnostic Group (ICD-9)	CDI ¹ Indicat	White non-Hispanic						Black non-Hispanic						Hispanic					
		No. of Disch	Rate ²		Adj Rate 95% CI		No. of Disch	Rate ²		Adj Rate 95% CI		No. of Disch	Rate ²		Adj Rate 95% CI				
Principal Diagnosis																			
<i>All Discharges</i> ³		298,846	11,294	10,294.1	20	10,256	10,333	45,897	13,514	15,011.9	73	14,869	15,155	41,607	10,588	12,373.1	71	12,233	12,513
<i>Excluding newborn & pregnancy</i> ⁴		249,637	9,434	7859.1	16	7,827	7,891	35,087	10,331	12165.4	67	12,033	12,298	26,854	6,834	9,491.8	67	9,360	9,624
Diabetes (250)	78	3,155	119	102.6	2	99	106	1,134	334	395.9	12	372	420	648	165	238.3	11	218	259
Circulatory (390-459)		49,192	1,859	1,413.3	6	1,401	1,426	5,149	1,516	2,019.9	29	1,963	2,077	2,978	758	1,467.2	30	1,409	1,525
CHD (402, 410-4, 429.2)		14,136	534	412.2	4	405	419	1,007	297	391.5	13	367	416	912	232	451.5	16	420	483
Acute Myocardial Infarctn (410)	49	5,387	204	153.2	2	149	157	349	103	137.6	8	123	153	319	81	164.4	10	145	184
Congestive Heart Failure (428)	50	7,854	297	213.2	2	208	218	991	292	397.9	13	372	423	569	145	312.3	14	284	340
Stroke (430-4, 436-8)	53	6,023	228	170.9	2	167	175	673	198	269.5	11	248	291	313	80	153.9	10	135	173
COPD (490-496)		6,668	252	212.1	3	207	217	1,447	426	470.9	13	446	496	1,384	352	471.7	15	442	501
Bronchitis (491)		4,019	152	117.0	2	113	121	273	80	115.3	7	101	129	166	42	103.4	9	86	120
Emphysema (492)		54	2	1.7	0	1	2	6	2	2.1	1	0	4	4	1	1.4	1	0	3
Asthma (493)	86	2,315	87	85.1	2	82	89	1,127	332	337.5	10	317	358	1,178	300	352.0	12	329	375
Other COPD (490,494-6)		280	11	8.3	1	7	9	41	12	16.0	3	11	21	36	9	14.9	3	9	20
Unintentional Injury ⁵		11,859	448	374.3	4	367	381	1,168	344	373.1	11	351	395	1,148	292	337.3	12	314	360
Any Diagnosis																			
Diabetes (250)	78	47,351	1,789	1,412.5	7	1,400	1,425	9,533	2,807	3,637.1	39	3,562	3,713	6,878	1,750	3,187.9	43	3,104	3,271
Diabetes with LE Amputation ⁶	72	671	25	20.0	1	18	22	209	62	82.0	6	71	93	85	22	42.0	5	32	52
COPD (490-496)		54,056	2,043	1,663.6	7	1,649	1,678	7,735	2,277	2,718.2	32	2,655	2,781	6,757	1,720	2,525.6	36	2,455	2,596
Asthma (493)	86	18,368	694	638.3	5	629	648	5,319	1,566	1,682.8	24	1,636	1,729	5,393	1,372	1,726.9	27	1,674	1,780

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