

Table CDI-1
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2010
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	Total
Principal Diagnosis											
All Discharges ⁵		412,352	11,532.7	10,983.8	17.53	10,949.5	11,018.2	3.0	1,985,563	17,840	12,269,552,078
Excluding newborn & pregnancy ⁶		335,167	9,374.0	8,426.2	14.90	8,396.9	8,455.4	3.0	1,729,238	20,921	11,236,439,150
Diabetes (250)	78	5,133	143.6	132.5	1.89	128.7	136.2	3.0	26,654	16,964	148,279,471
Circulatory (390-459)		58,646	1,640.2	1,381.1	5.83	1,369.7	1,392.5	3.0	278,753	25,939	2,461,037,207
CHD (402, 410-4, 429.2)		14,138	493.7	333.0	2.85	327.4	338.6	2.0	56,819	41,144	748,002,882
Acute Myocardial Infarction (410)	49	6,225	217.4	144.6	1.87	140.9	148.2	3.0	31,418	44,716	359,592,380
CHF(428.0, 428.2-428.4)	50	10,781	346.3	244.0	2.40	239.3	248.7	4.0	62,430	21,957	390,064,586
Stroke (430-4, 436-8)	53	7,452	208.4	174.6	2.07	170.5	178.6	3.0	40,105	24,755	308,851,751
COPD (490-496)		10,747	300.6	273.3	2.70	268.0	278.6	3.0	44,985	14,596	216,889,232
Bronchitis (491)		5,791	217.6	137.0	1.84	133.4	140.6	4.0	28,181	16,502	130,523,437
Emphysema (492)		56	1.9	1.4	0.19	1.0	1.8	4.0	357	30,991	2,024,031
Asthma (493)	86	4,558	127.5	126.6	1.92	122.9	130.4	2.0	15,031	12,177	76,722,517
Other COPD (490,494-6)		342	10.3	8.3	0.46	7.4	9.2	3.0	1,416	15,955	7,619,247
Unintentional Injury ⁷		14,592	408.1	363.2	3.08	357.2	369.3	3.0	63,118	24,419	503,671,483
Any Diagnosis											
Diabetes (250)	78	68,729	1,922.2	1,668.6	6.50	1,655.9	1,681.3	3.0	330,653	21,161	2,088,584,913
Diabetes with LE Amputation ⁸	72	908	34.1	21.7	0.73	20.2	23.1	8.0	9,754	39,818	56,330,514
COPD (490-496)		67,969	1,901.0	1,710.2	6.71	1,697.0	1,723.3	4.0	334,072	19,618	1,945,710,418
Asthma (493)	86	30,552	854.5	826.9	4.83	817.4	836.4	3.0	129,721	17,291	770,638,009
Principal Procedure											
PCI (0.66, 17.55, 36.01-.02, 36.05)		6,159	215.1	146.4	1.90	142.7	150.1	2.0	16,841	49,580	356,451,852
CABG ⁹		1,672	75.4	40.3	1.00	38.3	42.3	7.0	15,602	86,977	175,196,095

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, 2010 United States resident population from the Vintage 2011 postcensal series by year, county, age, sex, race, and Hispanic origin*, prepared under a collaborative arrangement with the U.S. Census Bureau.

Backus, K, Mueller, LM (2012) http://www.cdc.gov/nchs/nvss/bridged_race.htm.

State-level Bridged Race Estimates for Connecticut, 2010, 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 3,575,498.

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.

9. Procedure codes 36.10-36.17, 36.19, 36.2-36.3, 36.31-36.34, 36.39.

Table CDI-2
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2010
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
Principal Diagnosis													
<i>All Discharges</i> ³		175,846	10,102.4	10,017.2	24.29	9,969.5	10,064.8	236,506	12,889.6	12,051.1	25.76	12,000.6	12,101.5
<i>Excluding newborn & pregnancy</i> ⁴		157,168	9,029.4	8,767.4	22.51	8,723.3	8,811.5	177,999	9,700.9	8,184.3	20.16	8,144.8	8,223.8
Diabetes (250)	78	2,856	164.1	157.6	3.01	151.7	163.5	2,277	124.1	110.4	2.38	105.8	115.1
Circulatory (390-459)		31,016	1,781.9	1,702.9	9.85	1,683.6	1,722.2	27,630	1,505.8	1,119.5	6.99	1,105.7	1,133.2
CHD (402, 410-4, 429.2)		8,949	514.1	475.1	5.13	465.1	485.2	5,189	282.8	214.4	3.07	208.4	220.5
Acute Myocardial Infarction (410)	49	3,692	212.1	197.4	3.31	190.9	203.8	2,533	138.1	100.6	2.07	96.6	104.7
CHF (428.0, 428.2-428.4)	50	5,297	304.3	299.5	4.17	291.3	307.7	5,484	298.9	203.5	2.86	197.9	209.1
Stroke (430-4, 436-8)	53	3,601	206.9	200.3	3.40	193.6	206.9	3,851	209.9	153.7	2.57	148.6	158.7
COPD (490-496)		4,287	246.3	243.9	3.79	236.4	251.3	6,460	352.1	301.5	3.88	293.9	309.1
Bronchitis (491)		2,481	142.5	137.1	2.80	131.6	142.6	3,310	180.4	139.1	2.48	134.2	144.0
Emphysema (492)		39	2.2	2.0	0.33	1.4	2.7	17	0.9	0.8	0.20	0.4	1.2
Asthma (493)	86	1,619	93.0	96.4	2.43	91.6	101.1	2,939	160.2	153.5	2.92	147.8	159.2
Other COPD (490,494-6)		148	8.5	8.3	0.70	7.0	9.7	194	10.6	8.1	0.60	6.9	9.3
Unintentional Injury ⁵		6,803	390.8	387.2	4.76	377.8	396.5	7,789	424.5	327.2	3.90	319.5	334.8
Any Diagnosis													
Diabetes (250)	78	32,947	1,892.8	1,793.9	10.08	1,774.2	1,813.7	35,782	1,950.1	1,575.6	8.59	1,558.8	1,592.4
Diabetes with LE Amputation ⁶	72	607	34.9	32.2	1.33	29.6	34.8	301	16.4	13.0	0.76	11.5	14.5
COPD (490-496)		27,268	1,566.6	1,530.4	9.43	1,511.9	1,548.8	40,701	2,218.2	1,903.6	9.77	1,884.4	1,922.7
Asthma (493)	86	9,643	554.0	552.6	5.72	541.4	563.8	20,909	1,139.5	1,083.2	7.70	1,068.1	1,098.3
Principal Procedure													
PCI (0.66, 17.55, 36.01-.02, 36.05)		4,254	244.4	221.6	3.47	214.8	228.4	1,905	103.8	82.0	1.92	78.2	85.7
CABG ⁷		1,201	69.0	63.3	1.87	59.6	66.9	471	25.7	20.9	0.98	19.0	22.8

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

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Crude rates are based on a state population of 3,575,498.

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

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

5. 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.

6. 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.

7. Procedure codes 36.10-36.17, 36.19, 36.2-36.3, 36.31-36.34, 36.39.

Table CDI-3
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2010
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		se	Adj Rate 95% CI		No. of Disch	Rate ²		se	Adj Rate 95% CI		No. of Disch	Rate ²		se	Adj Rate 95% CI	
Principal Diagnosis																			
<i>All Discharges</i> ³		294,134	11,391.0	10,062.1	20	10,023	10,101	48,955	13,667.6	14,876.3	69	14,740	15,012	45,970	9,545.1	11,366.8	62	11,244	11,489
<i>Excluding newborn & pregnancy</i> ⁴		251,694	9,747.4	7,725.8	16	7,694	7,758	38,683	10,799.8	12,131.9	64	12,007	12,257	31,279	6,494.7	9,033.4	59	8,917	9,150
Diabetes (250)	78	2,891	112.0	92.9	2	89	96	1,213	338.7	374.3	11	353	396	862	179.0	245.2	9	227	264
Circulatory (390-459)		47,467	1,838.3	1,292.2	6	1,280	1,304	5,674	1,584.1	1,950.2	27	1,897	2,003	3,468	720.1	1,380.4	26	1,329	1,432
CHD (402, 410-4, 429.2)		11,601	449.3	320.7	3	315	327	987	275.6	330.8	11	309	352	877	182.1	345.7	13	320	371
Acute Myocardial Infarctn (410)	49	5,151	199.5	139.6	2	136	144	425	118.7	144.0	7	130	158	395	82.0	156.7	9	140	174
CHF(428.0, 428.2-428.4)	50	8,681	336.2	218.5	2	214	223	1,184	330.6	423.4	13	398	449	645	133.9	298.4	13	273	324
Stroke (430-4, 436-8)	53	5,921	229.3	158.9	2	155	163	814	227.3	283.6	10	263	304	430	89.3	182.8	10	163	202
COPD (490-496)		7,193	278.6	214.8	3	210	220	1,715	478.8	527.0	13	501	553	1,574	326.8	471.4	14	444	499
Bronchitis (491)		4,961	192.1	136.2	2	132	140	453	126.5	160.1	8	145	175	291	60.4	130.5	8	114	147
Emphysema (492)		38	1.5	1.2	0	1	2	13	3.6	4.0	1	2	6	a	a	a	a	a	a
Asthma (493)	86	1,936	75.0	70.1	2	67	73	1,209	337.5	348.9	10	329	369	1,251	259.8	328.8	11	308	350
Other COPD (490,494-6)		258	10.0	7.4	0	6	8	40	11.2	14.0	2	9	19	30	6.2	11.7	2	7	16
Unintentional Injury ⁵		11,675	452.1	353.6	3	347	360	1,171	326.9	349.6	11	329	370	1,165	241.9	295.3	10	275	315
Any Diagnosis																			
Diabetes (250)	78	47,500	1,839.6	1,359.0	6	1,346	1,372	10,571	2,951.3	3,534.2	36	3,464	3,604	8,194	1,701.4	2,969.6	37	2,898	3,042
Diabetes with LE Amputation ⁶	72	612	23.7	17.2	1	16	19	167	46.6	54.2	4	46	63	107	22.2	37.5	4	30	45
COPD (490-496)		50,011	1,936.8	1,506.1	7	1,492	1,520	8,218	2,294.4	2,563.0	29	2,505	2,620	7,788	1,617.1	2,265.7	30	2,207	2,325
Asthma (493)	86	17,464	676.3	618.4	5	609	628	5,604	1,564.6	1,615.1	22	1,572	1,658	6,294	1,306.9	1,588.7	23	1,544	1,634
Principal Procedure																			
PCI (0.66,17.55,36.01-.02,36.05)		5,016	194.3	141.9	2	138	146	413	115.3	133.4	7	120	147	399	82.9	151.7	8	135	168
CABG ⁷		1,369	53.0	39.0	1	37	41	77	21.5	25.9	3	20	32	89	18.5	33.4	4	26	41

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Crude rates are based on a state population of 3,575,498. In keeping with confidentiality regulations, numbers and rates are not disclosed for less than six events, but are replaced by 'a'.

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

4. This row in part appears in table H2 of the separate Hospitalization Report.

5. 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.

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