

Table CDI-1
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2011
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			Adj Rate 95% CI		Length of Stay ³		Charge ⁴	
			Crude	Age-Adj	se	Lower	Upper	Median	Total	Median	Total
Principal Diagnosis											
All Discharges ⁵		408,313	11,403.1	10,812.7	17.40	10,778.6	10,846.8	3.0	1,998,117	19,183	13,081,490,716
Excluding newborn & pregnancy ⁶		332,471	9,285.1	8,269.7	14.73	8,240.8	8,298.6	3.0	1,745,907	22,460	11,980,973,137
Diabetes (250)	78	5,368	149.9	137.4	1.92	133.6	141.1	3.0	27,624	18,134	163,760,251
Circulatory (390-459)		56,274	1,571.6	1,305.9	5.64	1,294.8	1,316.9	3.0	271,470	27,125	2,534,913,726
CHD (402, 410-4, 429.2)		12,576	351.2	290.8	2.65	285.6	295.9	3.0	51,564	42,342	693,315,244
Acute Myocardial Infarction (410)	49	6,099	170.3	139.5	1.83	135.9	143.1	3.0	30,072	45,378	362,441,947
CHF(428.0, 428.2-428.4)	50	10,293	287.5	229.3	2.32	224.8	233.9	4.0	61,228	23,049	401,703,853
Stroke (430-4, 436-8)	53	7,523	210.1	173.8	2.05	169.8	177.8	3.0	41,285	26,742	351,023,970
COPD (490-496)		10,900	304.4	274.9	2.70	269.6	280.2	3.0	46,114	15,897	237,231,762
Bronchitis (491)		6,033	168.5	140.9	1.85	137.2	144.5	4.0	29,473	17,782	145,645,395
Emphysema (492)		61	1.7	1.5	0.20	1.1	1.9	5.0	361	31,419	2,486,286
Asthma (493)	86	4,492	125.5	124.9	1.91	121.2	128.7	2.0	15,029	13,383	81,321,629
Other COPD (490,494-6)		314	8.8	7.6	0.44	6.7	8.4	3.0	1,251	15,989	7,778,452
Unintentional Injury ⁷		14,706	410.7	361.8	3.07	355.8	367.8	3.0	60,794	26,657	530,100,075
Any Diagnosis											
Diabetes (250)	78	67,617	1,888.4	1,617.0	6.37	1,604.5	1,629.5	3.0	326,471	22,121	2,153,655,571
Diabetes with LE Amputation ⁸	72	951	26.6	22.5	0.75	21.1	24.0	8.0	9,492	42,568	60,512,956
COPD (490-496)		67,099	1,873.9	1,671.5	6.62	1,658.5	1,684.5	4.0	332,710	20,853	2,026,085,020
Asthma (493)	86	29,886	834.6	805.2	4.77	795.8	814.5	3.0	128,380	18,916	799,410,062
Principal Procedure											
PCI (0.66, 17.55, 36.01-.02, 36.05)		5,474	152.9	128.3	1.77	124.8	131.7	2.0	15,913	51,642	328,160,760
CABG ⁹		1,478	41.3	34.8	0.92	33.0	36.6	7.0	13,923	93,875	166,721,134

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, 2011 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, 2011, 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 3,580,709.

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, 2011
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													
<i>All Discharges</i> ³		175,077	10,034.1	9,891.7	24.11	9,844.4	9,938.9	233,236	12,704.2	11,837.0	25.58	11,786.8	11,887.1
<i>Excluding newborn & pregnancy</i> ⁴		156,608	8,975.6	8,623.8	22.24	8,580.2	8,667.4	175,863	9,579.2	8,012.4	19.93	7,973.3	8,051.5
Diabetes (250)	78	3,050	174.8	166.6	3.08	160.6	172.7	2,318	126.3	111.9	2.40	107.2	116.6
Circulatory (390-459)		29,602	1,696.6	1,592.9	9.45	1,574.4	1,611.5	26,672	1,452.8	1,068.9	6.81	1,055.6	1,082.3
CHD (402, 410-4, 429.2)		7,841	449.4	407.9	4.71	398.7	417.1	4,735	257.9	191.8	2.88	186.1	197.4
Acute Myocardial Infarction (410)	49	3,570	204.6	187.3	3.21	181.0	193.6	2,529	137.8	99.2	2.05	95.2	103.2
CHF (428.0, 428.2-428.4)	50	4,997	286.4	275.8	3.97	268.0	283.6	5,296	288.5	194.2	2.79	188.8	199.7
Stroke (430-4, 436-8)	53	3,614	207.1	196.5	3.33	190.0	203.1	3,909	212.9	155.3	2.58	150.2	160.3
COPD (490-496)		4,429	253.8	251.3	3.85	243.8	258.9	6,471	352.5	296.6	3.83	289.1	304.1
Bronchitis (491)		2,582	148.0	140.6	2.83	135.1	146.2	3,451	188.0	142.7	2.50	137.8	147.6
Emphysema (492)		39	2.2	2.1	0.35	1.4	2.8	22	1.2	1.0	0.22	0.6	1.5
Asthma (493)	86	1,679	96.2	101.4	2.51	96.5	106.3	2,813	153.2	145.2	2.83	139.6	150.7
Other COPD (490,494-6)		129	7.4	7.2	0.64	5.9	8.4	185	10.1	7.7	0.59	6.5	8.9
Unintentional Injury ⁵		6,868	393.6	384.4	4.72	375.1	393.6	7,838	426.9	327.4	3.90	319.8	335.1
Any Diagnosis													
Diabetes (250)	78	32,663	1,872.0	1,747.7	9.89	1,728.3	1,767.1	34,954	1,903.9	1,521.3	8.41	1,504.8	1,537.8
Diabetes with LE Amputation ⁶	72	653	37.4	33.8	1.36	31.1	36.4	298	16.2	13.1	0.78	11.6	14.7
COPD (490-496)		27,039	1,549.7	1,498.6	9.29	1,480.4	1,516.8	40,060	2,182.0	1,853.9	9.62	1,835.1	1,872.8
Asthma (493)	86	9,518	545.5	542.5	5.66	531.4	553.6	20,368	1,109.4	1,050.0	7.59	1,035.1	1,064.9
Principal Procedure													
PCI (0.66, 17.55, 36.01-.02, 36.05)		3,776	216.4	193.0	3.22	186.7	199.3	1,698	92.5	72.7	1.81	69.1	76.2
CABG ⁷		1,077	61.7	55.0	1.72	51.6	58.4	401	21.8	17.6	0.90	15.9	19.4

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 3,580,709.

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, 2011
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		291,677	11,357.7	9,972.1	20	9,933	10,011	48,515	13,431.0	14,488.6	68	14,356	14,622	45,238	9,152.1	10,803.0	59	10,687	10,919
<i>Excluding newborn & pregnancy</i> ⁴		250,518	9,755.0	7,646.2	16	7,614	7,678	38,198	10,574.8	11,740.3	62	11,619	11,862	30,562	6,183.0	8,503.7	56	8,394	8,614
Diabetes (250)	78	2,974	115.8	96.8	2	93	100	1,388	384.3	414.2	11	392	437	849	171.8	231.2	9	214	249
Circulatory (390-459)		45,202	1,760.1	1,218.2	6	1,207	1,230	5,766	1,596.3	1,920.0	26	1,869	1,971	3,369	681.6	1,261.8	24	1,214	1,309
CHD (402, 410-4, 429.2)		10,216	397.8	278.1	3	273	284	918	254.1	296.2	10	276	316	817	165.3	290.1	11	268	312
Acute Myocardial Infarctn (410)	49	5,063	197.1	135.3	2	131	139	415	114.9	136.6	7	123	150	375	75.9	134.4	8	119	149
CHF(428.0, 428.2-428.4)	50	8,308	323.5	206.4	2	202	211	1,136	314.5	387.6	12	364	411	622	125.8	256.9	11	235	279
Stroke (430-4, 436-8)	53	5,967	232.4	158.5	2	154	163	833	230.6	278.1	10	258	298	446	90.2	173.4	9	156	191
COPD (490-496)		7,435	289.5	221.3	3	216	227	1,600	442.9	479.6	12	455	504	1,556	314.8	444.0	13	418	470
Bronchitis (491)		5,189	202.1	141.3	2	137	145	475	131.5	161.5	8	146	177	296	59.9	134.4	9	118	151
Emphysema (492)		48	1.9	1.5	0	1	2	6	1.7	1.9	1	0	4	a	a	a	a	a	a
Asthma (493)	86	1,953	76.0	71.5	2	68	75	1,090	301.8	305.4	9	287	324	1,229	248.6	299.2	10	280	318
Other COPD (490,494-6)		245	9.5	7.0	0	6	8	29	8.0	10.7	2	7	15	26	5.3	9.4	2	5	13
Unintentional Injury ⁵		11,861	461.9	356.1	3	349	363	1,068	295.7	322.4	10	302	342	1,198	242.4	300.2	10	280	320
Any Diagnosis																			
Diabetes (250)	78	46,670	1,817.3	1,321.8	6	1,309	1,334	10,596	2,933.4	3,424.0	34	3,356	3,492	7,937	1,605.7	2,760.9	35	2,693	2,829
Diabetes with LE Amputation ⁶	72	602	23.4	17.4	1	16	19	205	56.8	65.9	5	57	75	127	25.7	42.1	4	34	50
COPD (490-496)		49,816	1,939.8	1,491.0	7	1,477	1,505	7,960	2,203.7	2,415.0	28	2,360	2,470	7,441	1,505.4	2,087.1	28	2,032	2,142
Asthma (493)	86	17,331	674.9	611.3	5	602	621	5,373	1,487.5	1,517.7	21	1,476	1,559	5,962	1,206.2	1,448.2	21	1,407	1,490
Principal Procedure																			
PCI (0.66,17.55,36.01-.02,36.05)		4,395	171.1	123.3	2	120	127	397	109.9	122.9	6	110	135	359	72.6	117.7	7	104	131
CABG ⁷		1,211	47.2	33.9	1	32	36	72	19.9	23.4	3	18	29	89	18.0	30.6	4	24	37

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Crude rates are based on a state population of 3,580,709. 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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