

Table CDI-1
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2014
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		383,840	10,672.1	9,986.88	16.70	9,954.1	10,019.6	3.0	1,896,005	23,601	14,712,197,021
Excluding newborn & pregnancy ⁶		312,454	8,687.3	7,554.86	13.97	7,527.5	7,582.2	3.0	1,670,961	27,574	13,512,344,548
Diabetes (250)	78	5,640	156.8	142.32	1.96	138.5	146.2	3.0	28,812	22,265	197,813,954
Circulatory (390-459)		51,722	1,438.1	1,155.04	5.22	1,144.8	1,165.3	3.0	254,612	32,043	2,799,635,260
CHD (402, 410-4, 429.2)		9,946	366.3	220.29	2.27	215.9	224.7	3.0	44,553	54,048	689,045,077
Acute Myocardial Infarction (410)	49	6,321	232.8	139.54	1.80	136.0	143.1	3.0	29,402	54,189	436,524,980
CHF(428.0, 428.2-428.4)	50	10,335	307.0	223.51	2.26	219.1	227.9	4.0	60,354	27,444	457,116,613
Stroke (430-4, 436-8)	53	7,558	210.1	167.14	1.97	163.3	171.0	3.0	39,071	31,711	393,519,703
COPD (490-496)		10,295	286.2	251.24	2.56	246.2	256.3	3.0	41,522	19,098	265,188,696
Bronchitis (491)		5,714	254.0	126.84	1.71	123.5	130.2	4.0	26,484	20,923	159,529,850
Emphysema (492)		56	1.8	1.45	0.20	1.1	1.8	4.0	267	28,557	2,115,657
Asthma (493)	86	4,230	117.6	116.09	1.84	112.5	119.7	2.0	13,522	16,673	94,335,061
Other COPD (490,494-6)		295	8.2	6.87	0.41	6.1	7.7	3.0	1,249	20,485	9,208,128
Unintentional Injury ⁷		10,826	301.0	260.20	2.59	255.1	265.3	3.0	42,570	31,202	420,602,783
Any Diagnosis											
Diabetes (250)	78	64,318	1,788.3	1,485.20	6.02	1,473.4	1,497.0	3.0	312,144	26,829	2,477,403,412
Diabetes with LE Amputation ⁸	72	1,083	43.8	24.60	0.77	23.1	26.1	7.0	10,491	49,982	79,763,567
COPD (490-496)		65,650	1,825.3	1,588.97	6.40	1,576.4	1,601.5	4.0	316,103	25,285	2,376,398,500
Asthma (493)	86	30,930	860.0	815.91	4.78	806.5	825.3	3.0	133,913	23,741	1,031,880,105
Traumatic Brain Injury ⁹		2,690	74.8	65.28	1.30	62.7	67.8	3.0	15,971	36,061	180,323,440
Principal Procedure											
PCI (0.66, 17.55, 36.01-.02, 36.05)		3,727	103.6	83.77	1.41	81.0	86.5	2.0	12,673	67,327	294,544,465
CABG ¹⁰		1,521	42.3	33.89	0.89	32.2	35.6	8.0	14,598	120,008	217,004,835

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, 2014 United States resident population from the Vintage 2014 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 (2015) http://www.cdc.gov/nchs/nvss/bridged_race.htm.

State-level Bridged Race Estimates for Connecticut, 2014, 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 3,596,677.

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. Any diagnosis 800-801, 803-804, 850-854.1, 959.01, or 995.55 (CDC definition at http://www.cdc.gov/traumaticbraininjury/pdf/blue_book.pdf).

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

Table CDI-2
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2014
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		166,925	9,513.8	9,199.6	23.12	9,154.3	9,244.9	216,914	11,775.2	10,881.3	24.54	10,833.2	10,929.4
<i>Excluding newborn & pregnancy</i> ⁴		149,652	8,529.4	7,962.6	21.11	7,921.2	8,004.0	162,801	8,837.7	7,247.6	18.85	7,210.6	7,284.5
Diabetes (250)	78	3,357	191.3	179.0	3.18	172.8	185.2	2,283	123.9	109.3	2.38	104.6	114.0
Circulatory (390-459)		27,341	1,558.3	1,410.9	8.74	1,393.8	1,428.0	24,381	1,323.5	949.5	6.35	937.1	961.9
CHD (402, 410-4, 429.2)		6,327	360.6	315.2	4.07	307.2	323.2	3,619	196.5	142.0	2.45	137.2	146.8
Acute Myocardial Infarction (410)	49	3,903	222.5	196.6	3.23	190.3	202.9	2,418	131.3	93.1	1.97	89.2	96.9
CHF (428.0, 428.2-428.4)	50	5,004	285.2	265.2	3.82	257.7	272.6	5,331	289.4	194.0	2.77	188.5	199.4
Stroke (430-4, 436-8)	53	3,684	210.0	191.1	3.22	184.7	197.4	3,874	210.3	148.0	2.48	143.2	152.9
COPD (490-496)		4,238	241.5	229.6	3.62	222.5	236.7	6,057	328.8	270.6	3.63	263.5	277.7
Bronchitis (491)		2,492	142.0	126.1	2.59	121.0	131.1	3,222	174.9	128.3	2.32	123.8	132.9
Emphysema (492)		28	1.6	1.6	0.30	1.0	2.2	28	1.5	1.3	0.25	0.8	1.8
Asthma (493)	86	1,591	90.7	95.2	2.44	90.5	100.0	2,639	143.3	133.9	2.72	128.6	139.3
Other COPD (490,494-6)		127	7.2	6.7	0.61	5.5	7.9	168	9.1	7.0	0.57	5.9	8.2
Unintentional Injury ⁵		4,926	280.8	270.4	3.94	262.7	278.1	5,900	320.3	240.9	3.32	234.4	247.4
Any Diagnosis													
Diabetes (250)	78	31,759	1,810.1	1,632.4	9.40	1,613.9	1,650.8	32,559	1,767.5	1,371.2	7.90	1,355.7	1,386.7
Diabetes with LE Amputation ⁶	72	805	45.9	39.5	1.43	36.7	42.3	278	15.1	11.9	0.73	10.4	13.3
COPD (490-496)		26,467	1,508.5	1,404.3	8.85	1,386.9	1,421.6	39,183	2,127.1	1,776.2	9.36	1,757.8	1,794.5
Asthma (493)	86	10,127	577.2	566.0	5.76	554.7	577.3	20,803	1,129.3	1,048.8	7.56	1,034.0	1,063.6
Traumatic Brain Injury ⁷		1,571	89.5	86.6	2.23	82.2	90.9	1,119	60.7	46.0	1.46	43.1	48.9
Principal Procedure													
PCI (0.66, 17.55, 36.01-.02, 36.05)		2,592	147.7	126.2	2.55	121.2	131.2	1,135	61.6	47.2	1.45	44.3	50.0
CABG ⁸		1,159	66.1	56.4	1.70	53.1	59.8	362	19.7	15.1	0.81	13.5	16.7

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, 2014 United States resident population from the Vintage 2014 postcensal series by year, county, age, sex, race, and Hispanic origin*, prepared under a collaborative arrangement with the U.S. Census Bureau.

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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. Any diagnosis 800-801, 803-804, 850-854.1, 959.01, or 995.55 (CDC definition at http://www.cdc.gov/traumaticbraininjury/pdf/blue_book.pdf).

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

Table CDI-3
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2014
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																				
All Discharges ³		267,524	10,678.7	9,218.8	19	9,181	9,257	47,535	12,663.3	13,398.9	63	13,275	13,523	45,128	8,339.3	10,139.0	54	10,033	10,245	
Excluding newborn & pregnancy ⁴		228,785	9,132.4	6,921.6	16	6,891	6,952	38,084	10,145.6	10,903.6	58	10,791	11,016	31,746	5,866.4	8,126.2	51	8,026	8,227	
Diabetes (250)	78	3,021	120.6	99.0	2	95	103	1,398	372.4	395.9	11	375	417	1,039	192.0	251.9	9	235	269	
Circulatory (390-459)		40,298	1,608.6	1,061.8	6	1,051	1,073	5,701	1,518.8	1,735.0	24	1,688	1,782	3,722	687.8	1,238.4	22	1,195	1,282	
CHD (402, 410-4, 429.2)		7,869	314.1	208.2	2	203	213	758	201.9	225.4	8	209	242	783	144.7	253.5	10	234	273	
Acute Myocardial Infarctn (410)	49	5,047	201.5	132.3	2	129	136	452	120.4	136.0	7	123	149	509	94.1	169.6	8	154	186	
CHF(428.0, 428.2-428.4)	50	7,971	318.2	196.0	2	191	200	1,299	346.1	410.9	12	388	434	776	143.4	288.4	11	266	310	
Stroke (430-4, 436-8)	53	5,898	235.4	153.1	2	149	157	871	232.0	266.4	9	248	285	470	86.9	166.2	8	150	183	
COPD (490-496)		6,748	269.4	197.4	3	192	202	1,694	451.3	470.0	12	447	493	1,406	259.8	359.5	11	338	381	
Bronchitis (491)		4,797	191.5	126.9	2	123	131	499	132.9	150.7	7	137	164	305	56.4	109.0	7	96	122	
Emphysema (492)		40	1.6	1.4	0	1	2	9	2.4	2.4	1	1	4	data from counts less than 6 are censored						
Asthma (493)	86	1,698	67.8	63.1	2	60	66	1,143	304.5	304.9	9	287	323	1,070	197.7	240.8	8	225	257	
Other COPD (490,494-6)		213	8.5	6.0	0	5	7	43	11.5	12.0	2	8	16	28	5.2	9.0	2	5	13	
Unintentional Injury ⁵		8,678	346.4	258.6	3	253	264	760	202.5	209.2	8	194	224	942	174.1	224.6	8	208	241	
Any Diagnosis																				
Diabetes (250)	78	42,578	1,699.6	1,188.3	6	1,176	1,200	10,463	2,787.4	3,111.2	31	3,050	3,173	8,752	1,617.3	2,668.6	31	2,607	2,730	
Diabetes with LE Amputation ⁶	72	667	26.6	18.2	1	17	20	216	57.5	63.2	4	55	72	173	32.0	49.2	4	41	57	
COPD (490-496)		46,515	1,856.7	1,378.6	7	1,365	1,392	8,489	2,261.5	2,371.0	26	2,319	2,423	8,315	1,536.5	2,083.6	26	2,033	2,134	
Asthma (493)	86	16,717	667.3	590.0	5	580	600	5,949	1,584.8	1,587.6	21	1,546	1,629	6,712	1,240.3	1,507.6	20	1,468	1,548	
Traumatic Brain Injury ⁷		2,025	80.8	60.0	1	57	63	227	60.5	63.7	4	55	72	287	53.0	69.7	5	60	79	
Principal Procedure																				
PCI (0.66,17.55,36.01-.02,36.05)		2,922	116.6	80.5	2	77	84	277	73.8	78.6	5	69	88	300	55.4	90.5	6	79	102	
CABG ⁸		1,222	48.8	32.8	1	31	35	71	18.9	20.5	3	16	25	104	19.2	32.2	3	26	39	

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

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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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