

**Table CDI-1**  
**CONNECTICUT RESIDENT HOSPITALIZATIONS, 2009**  
**Number and Rate of Hospital Discharges, Median and Total Length of Stay and Charge**  
**for Selected Chronic Disease Indicators**

Diagnostic Group (ICD-9)	CDI <sup>1</sup> Indicat	Hospital Discharges									
		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI		Length of Stay <sup>3</sup>		Charge <sup>4</sup>	
			Crude	Age-Adj		Lower	Upper	Median	Total	Median	Total
<b>Principal Diagnosis</b>											
All Discharges <sup>5</sup>		414,733	11,787.9	11,280.5	17.83	11,245.5	11,315.4	3.0	2,004,362	16,752	11,627,140,548
Excluding newborn & pregnancy <sup>6</sup>		335,323	9,530.9	8,699.5	15.28	8,669.5	8,729.4	3.0	1,739,496	19,737	10,650,831,845
Diabetes (250)	78	5,066	144.0	133.6	1.908	129.8	137.3	3.0	26,593	16,633	138,521,948
Circulatory (390-459)		58,853	1,672.8	1,445.8	6.049	1,434.0	1,457.7	3.0	283,413	24,802	2,336,966,400
CHD (402, 410-4, 429.2)		14,458	506.0	354.4	2.987	348.5	360.2	2.0	58,901	39,075	721,191,584
Acute Myocardial Infarction (410)	49	6,371	223.0	154.6	1.965	150.8	158.5	3.0	33,103	42,002	352,952,697
CHF(428.0, 428.2-428.4)	50	10,985	333.0	262.4	2.54	257.4	267.3	4.0	63,368	20,953	372,242,819
Stroke (430-4, 436-8)	53	7,487	212.8	183.3	2.149	179.1	187.5	3.0	40,214	23,229	283,110,961
COPD (490-496)		11,506	327.0	303.5	2.877	297.8	309.1	3.0	48,548	14,239	221,374,352
Bronchitis (491)		5,946	211.3	147.0	1.932	143.2	150.8	4.0	29,590	16,260	131,384,252
Emphysema (492)		75	3.1	1.9	0.226	1.5	2.4	4.0	437	25,228	2,393,357
Asthma (493)	86	5,192	147.6	147.2	2.074	143.1	151.3	2.0	17,281	11,818	81,523,847
Other COPD (490,494-6)		293	9.5	7.3	0.433	6.5	8.1	3.0	1,240	15,503	6,072,896
Unintentional Injury <sup>7</sup>		15,475	439.8	401.5	3.287	395.1	408.0	3.0	65,886	22,516	498,695,276
<b>Any Diagnosis</b>											
Diabetes (250)	78	68,045	1,934.0	1,711.3	6.659	1,698.2	1,724.3	3.0	331,999	20,175	1,979,696,962
Diabetes with LE Amputation <sup>8</sup>	72	840	35.4	20.8	0.728	19.4	22.2	8.0	8,649	39,529	47,336,885
COPD (490-496)		68,444	1,945.4	1,780.7	6.92	1,767.1	1,794.2	4.0	338,505	18,570	1,860,888,748
Asthma (493)	86	31,542	896.5	871.5	4.986	861.7	881.2	3.0	132,710	16,425	739,841,453
<b>Principal Procedure</b>											
PCTA(0.66, 17.55, 36.01-.02, 36.05)		6,191	187.69	152.86	1.968	149.0	156.7	2.0	16,473	46,902	330,637,954
CABG <sup>9</sup>		1,616	74.83	40.45	1.02	38.5	42.4	8.0	16,510	79,683	166,529,598

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, 2009 United States resident population from the Vintage 2009 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 (2010) [http://www.cdc.gov/nchs/nvss/bridged\\_race.htm](http://www.cdc.gov/nchs/nvss/bridged_race.htm).

*State-level Bridged Race Estimates for Connecticut, 2009*, 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 3,518,288.

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, 2009**  
**Number and Rate of Hospital Discharges**  
**by Sex for Selected Chronic Disease Indicators**

Diagnostic Group (ICD-9)	CDI <sup>1</sup> Indicat	Male						Female					
		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI	
		Crude	Age-Adj		Lower	Upper	Crude	Age-Adj		Lower	Upper		
<b>Principal Diagnosis</b>													
<i>All Discharges</i> <sup>3</sup>		176,242	10,260.7	10,359.9	25.02	10,310.8	10,408.9	238,491	13,244.7	12,393.6	26.21	12,342.2	12,444.9
<i>Excluding newborn &amp; pregnancy</i> <sup>4</sup>		157,004	9,140.7	9,121.7	23.37	9,075.8	9,167.5	178,319	9,903.0	8,440.5	20.65	8,400.1	8,481.0
Diabetes (250)	78	2,837	165.2	160.4	3.06	154.4	166.4	2,229	123.8	110.4	2.40	105.7	115.1
Circulatory (390-459)		30,947	1,801.7	1,796.0	10.38	1,775.6	1,816.3	27,906	1,549.8	1,170.8	7.23	1,156.7	1,185.0
CHD (402, 410-4, 429.2)		9,006	524.3	501.9	5.39	491.3	512.4	5,452	302.8	233.5	3.24	227.2	239.9
Acute Myocardial Infarction (410)	49	3,694	215.1	209.5	3.51	202.6	216.4	2,677	148.7	110.2	2.19	105.9	114.5
CHF (428.0, 428.2-428.4)	50	5,362	312.2	326.3	4.52	317.5	335.2	5,623	312.3	218.3	3.01	212.4	224.2
Stroke (430-4, 436-8)	53	3,609	210.1	212.7	3.60	205.7	219.8	3,878	215.4	160.7	2.66	155.5	166.0
COPD (490-496)		4,776	278.1	283.2	4.15	275.0	291.3	6,730	373.8	325.2	4.08	317.2	333.2
Bronchitis (491)		2,626	152.9	153.5	3.05	147.5	159.5	3,320	184.4	145.2	2.57	140.1	150.2
Emphysema (492)		50	2.9	2.8	0.40	2.0	3.6	25	1.4	1.2	0.24	0.7	1.7
Asthma (493)	86	1,978	115.2	119.7	2.71	114.4	125.0	3,214	178.5	171.5	3.10	165.4	177.5
Other COPD (490,494-6)		122	7.1	7.1	0.65	5.8	8.4	171	9.5	7.4	0.59	6.3	8.6
Unintentional Injury <sup>5</sup>		7,410	431.4	437.7	5.15	427.6	447.8	8,065	447.9	353.7	4.10	345.7	361.8
<b>Any Diagnosis</b>													
Diabetes (250)	78	32,438	1,888.5	1,852.6	10.47	1,832.1	1,873.1	35,607	1,977.5	1,618.3	8.79	1,601.0	1,635.5
Diabetes with LE Amputation <sup>6</sup>	72	582	33.9	31.9	1.35	29.3	34.6	258	14.3	11.8	0.75	10.3	13.3
COPD (490-496)		27,479	1,599.8	1,621.4	9.92	1,601.9	1,640.8	40,965	2,275.0	1,973.4	10.04	1,953.7	1,993.0
Asthma (493)	86	9,894	576.0	580.1	5.90	568.5	591.7	21,648	1,202.2	1,146.8	7.98	1,131.1	1,162.4
<b>Principal Procedure</b>													
PCTA(0.66, 17.55, 36.01-.02, 36.05)		4,293	249.9	232.6	3.619	225.5	239.7	1,898	105.4	85.5	2.00	81.6	89.4
CABG <sup>7</sup>		1,164	67.8	64.3	1.923	60.5	68.0	452	25.1	20.7	0.99	18.8	22.7

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, 2000-July 1, 2009 United States resident population from the Vintage 2009 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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Crude rates are based on a state population of 3,518,288.

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, 2009**  
**Number and Rate of Hospital Discharges**  
**by Race-Ethnicity Groups for Selected Chronic Disease Indicators**

Diagnostic Group (ICD-9)	CDI <sup>1</sup> Indicat	White non-Hispanic						Black non-Hispanic						Hispanic						
		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI		No. of Disch	Rate <sup>2</sup>		se	Adj Rate 95% CI		
		Crude	Age-Adj	Lower		Upper		Crude	Age-Adj	Lower		Upper		Crude	Age-Adj	Lower		Upper		Crude
<b>Principal Diagnosis</b>																				
<i>All Discharges</i> <sup>3</sup>		296,027	11,401	10,206.6	20	10,168	10,245	48,694	14,061	15,441.5	73	15,299	15,584	46,061	10,602	12,062.8	65	11,936	12,189	
<i>Excluding newborn &amp; pregnancy</i> <sup>4</sup>		252,342	9,719	7,928.6	16	7,896	7,961	37,988	10,970	12,639.5	67	12,508	12,771	30,543	7,030	9,403.2	61	9,284	9,523	
Diabetes (250)	78	2,907	112	94.5	2	91	98	1,245	360	408.5	12	385	432	764	176	242.1	10	223	261	
Circulatory (390-459)		47,562	1,832	1,344.9	6	1,333	1,357	5,648	1,631	2,096.8	29	2,040	2,153	3,499	805	1,448.2	27	1,396	1,501	
CHD (402, 410-4, 429.2)		11,805	455	336.7	3	331	343	955	276	345.8	12	323	368	936	215	377.9	13	352	404	
Acute Myocardial Infarctn (410)	49	5,246	202	147.2	2	143	151	396	114	147.0	8	132	162	433	100	177.4	9	159	196	
CHF(428.0, 428.2-428.4)	50	8,845	341	236.0	3	231	241	1,201	347	462.6	14	435	490	648	149	309.9	13	284	336	
Stroke (430-4, 436-8)	53	5,993	231	167.9	2	164	172	821	237	315.4	11	293	338	389	90	167.9	9	150	186	
COPD (490-496)		7,816	301	244.0	3	238	250	1,802	520	578.5	14	551	606	1,605	369	509.8	15	481	538	
Bronchitis (491)		5,158	199	147.5	2	143	152	449	130	172.0	8	156	189	264	61	129.2	9	113	146	
Emphysema (492)		60	2	1.9	0	1	2	10	3	3.4	1	1	6	a	a	a	a	a	a	
Asthma (493)	86	2,382	92	88.4	2	85	92	1,306	377	389.8	11	368	411	1,310	302	369.4	12	347	392	
Other COPD (490,494-6)		216	8	6.3	0	5	7	37	11	13.2	2	9	18	29	7	10.3	2	6	14	
Unintentional Injury <sup>5</sup>		12,357	476	388.1	4	381	395	1,260	364	397.2	12	374	420	1,229	283	336.2	11	314	358	
<b>Any Diagnosis</b>																				
Diabetes (250)	78	47,235	1,819	1,388.3	7	1,375	1,401	10,421	3,009	3,701.9	38	3,628	3,775	7,958	1,832	3,103.2	38	3,028	3,178	
Diabetes with LE Amputation <sup>6</sup>	72	547	21	16.0	1	15	17	156	45	55.5	5	47	64	113	26	47.9	5	38	57	
COPD (490-496)		50,293	1,937	1,558.3	7	1,544	1,572	8,169	2,359	2,679.0	31	2,619	2,739	7,845	1,806	2,447.1	31	2,385	2,509	
Asthma (493)	86	18,147	699	646.2	5	636	656	5,719	1,651	1,727.3	23	1,681	1,773	6,384	1,469	1,751.0	25	1,703	1,799	
<b>Principal Procedure</b>																				
PCTA(0.66,17.55,36.01-.02,36.05)		5001	192.61	145.81	2	142	150	378	109.15	132.72	7	119	146	452	104.03	172.35	9	155	189	
CABG <sup>7</sup>		1301	50.11	38.15	1	36	40	71	20.5	24.24	3	18	30	101	23.25	40.62	4	32	49	

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Crude rates are based on a state population of 3,518,288. 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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7. Procedure codes 36.10-36.17, 36.19, 36.2-36.3, 36.31-36.34, 36.39.

Counts less than 6 are censored for confidentiality purposes, and marked by the letter 'a'.