

Table CDI-1
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2008
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											
<i>All Discharges</i> ⁵		412,056	11,768.8	11,286.4	17.87	11,251.4	11,321.5	3.0	2,014,110	15,486	10,602,962,716
<i>Excluding newborn & pregnancy</i> ⁶		330,100	9,428.1	8,622.7	15.25	8,592.8	8,652.6	3.0	1,742,874	18,320	9,687,606,070
Diabetes (250)	78	5,035	143.8	135.0	1.93	131.2	138.8	3.0	26,393	14,751	127,784,226
Circulatory (390-459)		59,664	1,704.1	1,483.1	6.16	1,471.0	1,495.2	3.0	289,698	23,172	2,201,491,961
CHD (402, 410-4, 429.2)		15,779	450.7	392.0	3.16	385.8	398.2	2.0	65,258	36,902	731,713,848
Acute Myocardial Infarction (410)	49	6,876	196.4	168.4	2.06	164.3	172.4	3.0	36,592	39,407	351,533,995
CHF(428.0, 428.2-428.4)	50	10,725	306.3	259.9	2.551	254.9	264.9	4.0	62,356	19,037	334,008,849
Stroke (430-4, 436-8)	53	7,413	211.7	183.6	2.17	179.4	187.9	3.0	40,097	21,209	252,592,274
COPD (490-496)		11,094	316.9	293.0	2.83	287.4	298.5	3.0	47,897	13,486	198,953,292
Bronchitis (491)		5,848	167.0	146.3	1.94	142.5	150.1	4.0	29,492	15,314	119,772,730
Emphysema (492)		72	2.1	2.0	0.23	1.5	2.4	5.0	394	19,432	1,911,785
Asthma (493)	86	4,809	137.4	135.4	1.98	131.6	139.3	3.0	16,506	11,159	70,766,140
Other COPD (490,494-6)		365	10.4	9.3	0.49	8.3	10.3	3.0	1,505	13,494	6,502,637
Unintentional Injury ⁷		15,198	434.1	395.7	3.27	389.2	402.1	3.0	68,841	21,347	472,378,439
Any Diagnosis											
Diabetes (250)	78	68,130	1,945.9	1,738.7	6.76	1,725.4	1,751.9	4.0	338,610	18,773	1,841,084,486
Diabetes with LE Amputation ⁸	72	902	25.8	23.0	0.78	21.5	24.6	7.0	9,241	33,386	45,783,280
COPD (490-496)		67,714	1,934.0	1,772.4	6.92	1,758.8	1,786.0	4.0	346,372	17,588	1,734,521,736
Asthma (493)	86	30,266	864.4	835.9	4.87	826.3	845.4	3.0	133,168	15,633	672,762,568

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, 2008 United States resident population from the Vintage 2008 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/nvss/bridged_race.htm
 Backus, K, Mueller, LM (2009)

State-level Bridged Race Estimates for Connecticut, 2008, 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 3,501,252.

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, 2008
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		174,348	10,211.3	10,332.9	25.04	10,283.8	10,382.0	237,706	13,251.2	12,406.2	26.25	12,354.7	12,457.6
<i>Excluding newborn & pregnancy</i> ⁴		154,254	9,034.4	9,047.6	23.34	9,001.9	9,093.4	175,845	9,802.7	8,343.8	20.53	8,303.5	8,384.0
Diabetes (250)	78	2,792	163.5	161.5	3.10	155.4	167.5	2,243	125.0	112.2	2.42	107.4	116.9
Circulatory (390-459)		31,748	1,859.4	1,862.9	10.61	1,842.1	1,883.7	27,916	1,556.2	1,184.1	7.31	1,169.7	1,198.4
CHD (402, 410-4, 429.2)		9,877	578.5	559.2	5.72	548.0	570.4	5,902	329.0	254.2	3.39	247.5	260.8
Acute Myocardial Infarction (410)	49	3,978	233.0	227.5	3.66	220.3	234.7	2,898	161.6	120.2	2.30	115.7	124.7
CHF (428.0, 428.2-428.4)	50	5,331	312.2	326.8	4.525	318.0	335.7	5,394	300.7	213.8	3.016	207.9	219.7
Stroke (430-4, 436-8)	53	3,626	212.4	216.1	3.64	209.0	223.3	3,787	211.1	158.1	2.65	152.9	163.3
COPD (490-496)		4,468	261.7	268.0	4.06	260.1	276.0	6,626	369.4	317.3	4.00	309.5	325.2
Bronchitis (491)		2,469	144.6	147.2	3.01	141.3	153.1	3,379	188.4	147.9	2.60	142.8	153.0
Emphysema (492)		48	2.8	2.8	0.42	2.0	3.7	24	1.3	1.2	0.25	0.7	1.7
Asthma (493)	86	1,812	106.1	109.5	2.59	104.4	114.5	2,997	167.1	158.4	2.96	152.6	164.2
Other COPD (490,494-6)		139	8.1	8.5	0.73	7.1	9.9	226	12.6	9.8	0.68	8.5	11.2
Unintentional Injury ⁵		7,093	415.4	420.6	5.04	410.7	430.5	8,105	451.8	354.8	4.11	346.8	362.9
Any Diagnosis													
Diabetes (250)	78	32,585	1,908.4	1,894.9	10.66	1,874.0	1,915.8	35,545	1,981.5	1,631.9	8.87	1,614.5	1,649.2
Diabetes with LE Amputation ⁶	72	596	34.9	34.2	1.42	31.4	37.0	306	17.1	14.1	0.82	12.5	15.7
COPD (490-496)		27,138	1,589.4	1,619.9	9.96	1,600.4	1,639.4	40,576	2,262.0	1,952.0	9.97	1,932.5	1,971.6
Asthma (493)	86	9,410	551.1	552.7	5.76	541.4	564.0	20,856	1,162.6	1,101.7	7.80	1,086.4	1,117.0

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, 2008 United States resident population from the Vintage 2008 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/nvss/bridged_race.htm

Backus, K, Mueller, LM (2009)

State-level Bridged Race Estimates for Connecticut, 2008, 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 3,501,252.

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.

Table CDI-3
CONNECTICUT RESIDENT HOSPITALIZATIONS, 2008
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			
		Crude	Age-Adj	Lower		Upper		Crude	Age-Adj	Lower		Upper		Crude	Age-Adj	Lower		Upper		Crude	Age-Adj
Principal Diagnosis																					
<i>All Discharges</i> ³		294,485	11,303	10,148.3	20	10,110	10,187	47,086	13,808	15,208.4	73	15,066	15,351	46,824	11,165	13,330.7	72	13,189	13,472		
<i>Excluding newborn & pregnancy</i> ⁴		249,280	9,568	7,830.8	16	7,799	7,863	36,123	10,593	12,302.1	67	12,171	12,434	30,912	7,371	10,503.3	69	10,369	10,638		
Diabetes (250)	78	2,881	111	95.8	2	92	99	1,212	355	411.4	12	387	435	791	189	274.5	11	253	296		
Circulatory (390-459)		48,395	1,857	1,380.4	6	1,368	1,393	5,555	1,629	2,114.2	29	2,057	2,172	3,667	874	1,713.6	31	1,653	1,774		
CHD (402, 410-4, 429.2)		13,106	503	378.2	3	372	385	992	291	375.9	12	352	400	954	227	427.2	15	398	457		
Acute Myocardial Infarctn (410)	49	5,776	222	163.2	2	159	167	414	121	162.0	8	146	178	413	98	189.6	10	170	209		
CHF(428.0, 428.2-428.4)	50	8,568	329	231.0	3	226	236	1,185	348	463.9	14	437	491	731	174	390.1	15	360	420		
Stroke (430-4, 436-8)	53	6,033	232	170.5	2	166	175	700	205	270.5	11	250	291	403	96	195.7	11	175	216		
COPD (490-496)		7,556	290	233.2	3	228	239	1,565	459	510.1	13	484	536	1,691	403	627.5	18	593	662		
Bronchitis (491)		5,025	193	143.8	2	140	148	359	105	146.0	8	130	162	382	91	210.4	11	188	233		
Emphysema (492)		56	2	1.9	0	1	2	9	3	3.4	1	1	6	a	a	a	a	a	a		
Asthma (493)	86	2,173	83	78.6	2	75	82	1,173	344	352.2	11	332	373	1,277	304	404.0	13	378	430		
Other COPD (490,494-6)		302	12	9.0	1	8	10	24	7	8.5	2	5	12	28	7	11.4	2	7	16		
Unintentional Injury ⁵		12,112	465	379.1	4	372	386	1,196	351	381.8	11	359	404	1,266	302	383.5	13	359	408		
Any Diagnosis																					
Diabetes (250)	78	47,553	1,825	1,414.6	7	1,402	1,428	10,157	2,978	3,736.3	38	3,661	3,811	7,990	1,905	3,409.3	42	3,327	3,492		
Diabetes with LE Amputation ⁶	72	581	22	17.4	1	16	19	201	59	75.5	6	65	86	103	25	47.0	5	37	57		
COPD (490-496)		50,251	1,929	1,551.4	7	1,537	1,565	7,581	2,223	2,555.1	30	2,495	2,615	7,851	1,872	2,816.8	37	2,745	2,888		
Asthma (493)	86	17,723	680	621.5	5	612	631	5,258	1,542	1,619.1	23	1,574	1,664	6,094	1,453	1,852.8	27	1,800	1,906		

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, 2008 United States resident population from the Vintage 2008 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/nvss/bridged_race.htm

Backus, K, Mueller, LM (2009)

State-level Bridged Race Estimates for Connecticut, 2008, 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 3,501,252.

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.

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.

a. In keeping with confidentiality regulations, numbers and rates are not disclosed for less than six events, but are replaced by 'a'.