

**State of Connecticut
Connecticut Department of Public Health**

**Asthma Data Fact Sheet
for
*The Five Largest Cities in
Connecticut***



February, 2009

KEY FINDINGS

- Connecticut is one of the wealthiest states in the nation, but the residents of its five largest cities (Bridgeport, Hartford, New Haven, Stamford, and Waterbury) live in some of the most severe and concentrated pockets of poverty in the United States. These residents also experience disproportionately higher rates of asthma morbidity, mortality, and cost.
- The five largest cities in Connecticut combine to make up 17.9% of the total population in Connecticut, yet their residents accounted for:
 - 37.2% of all asthma hospitalizations
 - 34.7% for adults and 42.1% for children
 - 37.9% of all asthma emergency department visits
 - 36.1% for adults and 41.7% for children
 - 30.1% of all asthma deaths
 - 29.2% for adults and 52.6% for children
- Residents of the five large cities were nearly 3 times more likely to be hospitalized (27.0 per 10,000 population vs. 9.9 per 10,000 population) or visited an emergency department (136.6 per 10,000 population vs. 48.7 per 10,000 population) for their asthma and 2 times more likely to die (24.3 per 1,000,000 population vs. 12.3 per 1,000,000 population) due to asthma when compared to residents from the rest of Connecticut.
- There were clear differences in the rates of hospitalization, emergency department visits, and death due to asthma by sex, age group, and race/ethnicity, and these differences still exist after controlling for where the residents lived (five large cities or rest of Connecticut). Children, adult women, Hispanics, and non-Hispanic blacks experienced higher rates of asthma morbidity in the five large cities.
- On an annual basis, the residents of the five large cities combine to account for \$17 millions on hospitalization charges and \$6 millions on emergency department visit charges, totaling \$23 millions or over 37% of Connecticut total hospitalization and emergency department visit charges due to asthma.
- Three out of four (74.5%) asthma hospitalizations by residents of the five large cities were paid by public funds (Medicaid or Medicare), compared to about half (52.7%) by residents from the rest of Connecticut. Two out of three (64.5%) asthma emergency department visits by residents of the five large cities were paid by public funds, compared to about two out of five (40.2%) by residents from the rest of Connecticut.

Socioeconomic Data for Connecticut and Five of its Large Cities						
	Bridgeport	Hartford	New Haven	Stamford	Waterbury	Connecticut
Median Household Income (in past year)						
	\$39,684	\$28,572	\$36,095	\$72,315	\$39,115	\$65,496
compared to state median	(\$25,812)	(\$36,924)	(\$29,401)	\$6,819	(\$26,381)	x
Households with income <\$25K per year (in past year)						
	32.7%	45.9%	37.0%	16.3%	32.0%	18.0%
Median Earnings (in past year)*						
<high school graduate	\$21,909	\$18,225	\$21,519	\$18,922	\$21,577	\$23,042
graduate or professional degree	\$60,244	\$56,198	\$44,630	\$79,952	\$50,907	\$70,808
Unemployment Rate (≥16 years old)						
overall	9.7%	16.8%	9.5%	7.0%	10.0%	6.2%
white (non-Hispanic)	7.0%	15.6%	4.6%	3.9%	7.3%	4.9%
black	11.9%	16.8%	14.5%	18.0%	14.4%	12.1%
Hispanic (of any race)	11.3%	21.7%	10.8%	9.0%	12.2%	11.3%
Live Below Poverty Level						
overall	19.2%	31.5%	24.0%	8.3%	18.8%	8.2%
male	17.9%	28.2%	22.0%	7.4%	16.9%	7.3%
female	20.3%	34.5%	25.7%	9.1%	20.5%	9.2%
under 18 years old	28.5%	44.3%	32.4%	9.4%	29.7%	11.2%
white (non-Hispanic)	10.3%	18.9%	17.1%	5.0%	8.3%	4.9%
black	20.6%	26.2%	22.8%	13.0%	20.6%	17.2%
Hispanic (of any race)	24.3%	39.8%	34.2%	14.3%	37.4%	22.7%
worked full time, year round, in past year**	2.1%	3.9%	2.8%	2.0%	2.3%	0.9%
worked part time or part-year in past year**	17.4%	28.0%	21.1%	9.3%	14.9%	8.9%
did not work in past year**	33.8%	47.6%	44.1%	16.7%	29.5%	16.0%
less than high school graduate*	26.1%	36.3%	28.9%	21.4%	28.5%	18.6%
Educational Attainment						
high school graduate or higher	72.0%	66.5%	80.1%	87.9%	78.8%	87.8%
bachelor's degree or higher	13.6%	12.8%	30.9%	43.1%	14.5%	34.3%
Housing Characteristics						
median value***	\$242,000	\$186,900	\$224,100	\$600,200	\$158,900	\$306,200
No vehicle available						
	21.1%	33.2%	26.9%	11.3%	16.9%	8.2%

Source: US Census Bureau; 2005-2007 American Community Survey 3-Year Estimates

Note: dollars are 2007 inflation-adjusted

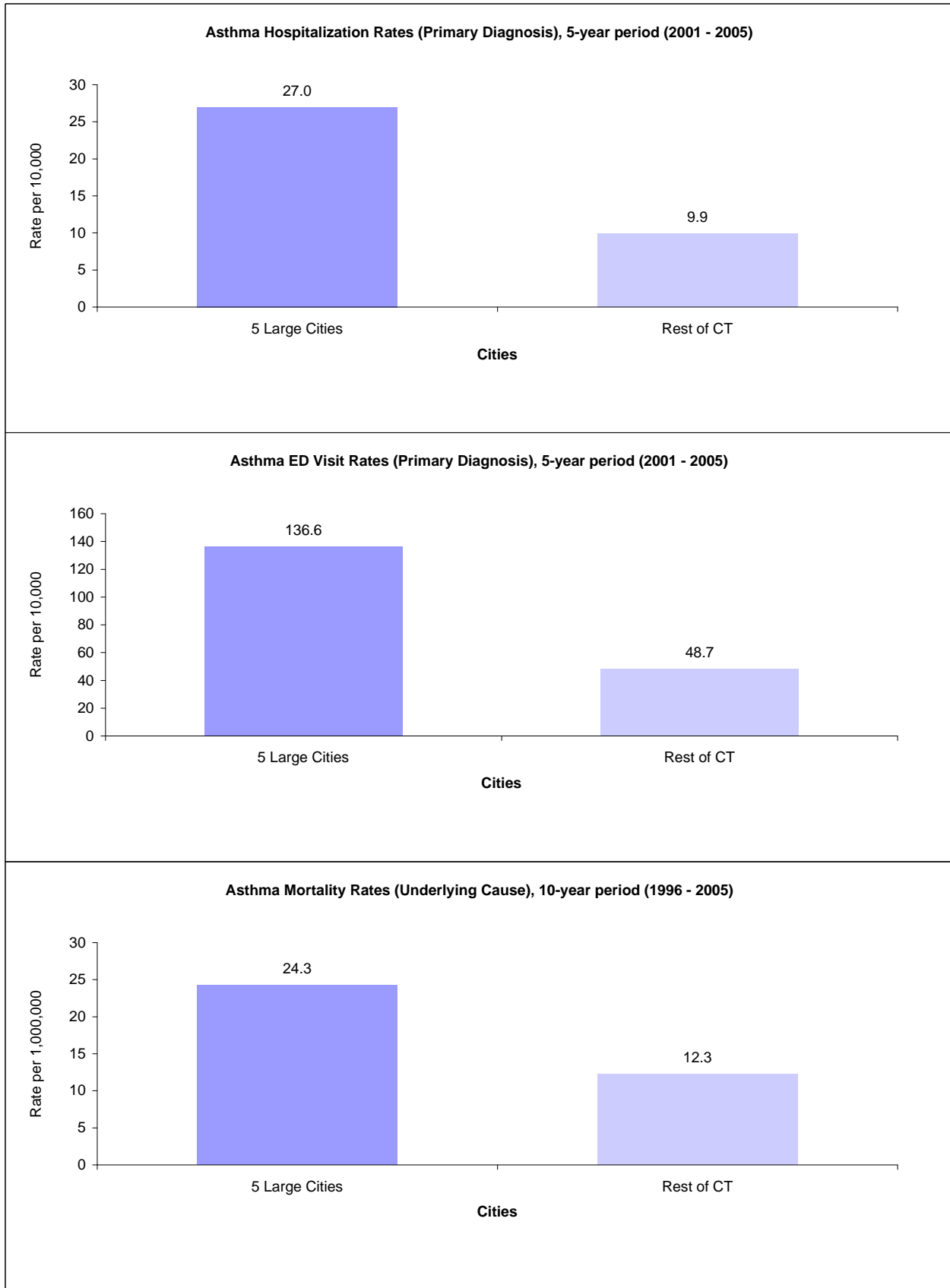
*≥25 years old

**≥16 years old

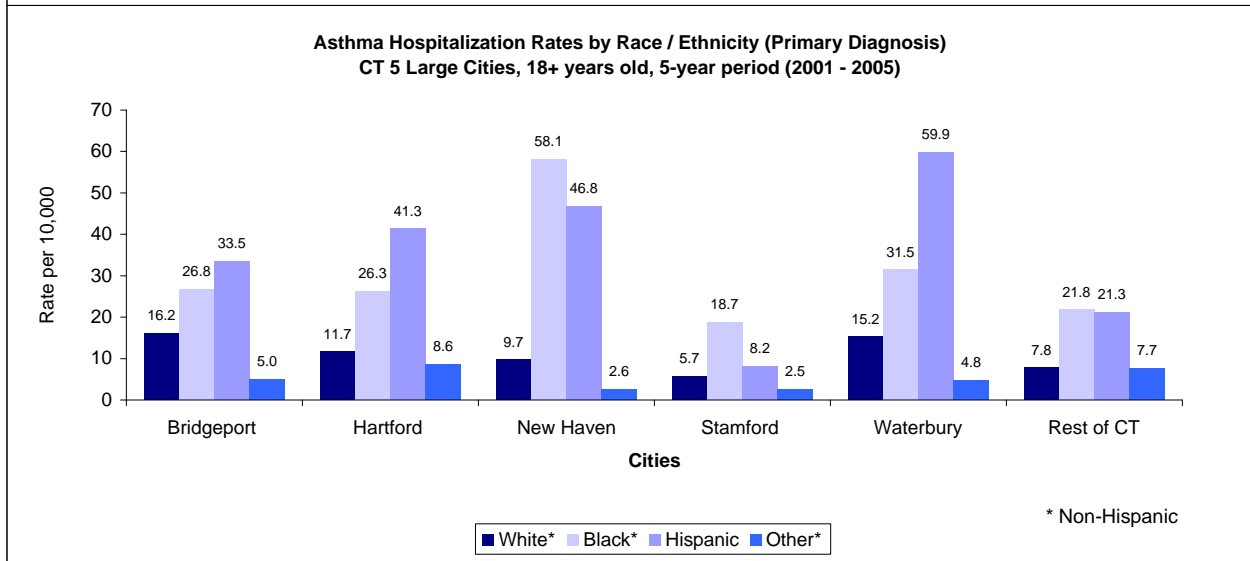
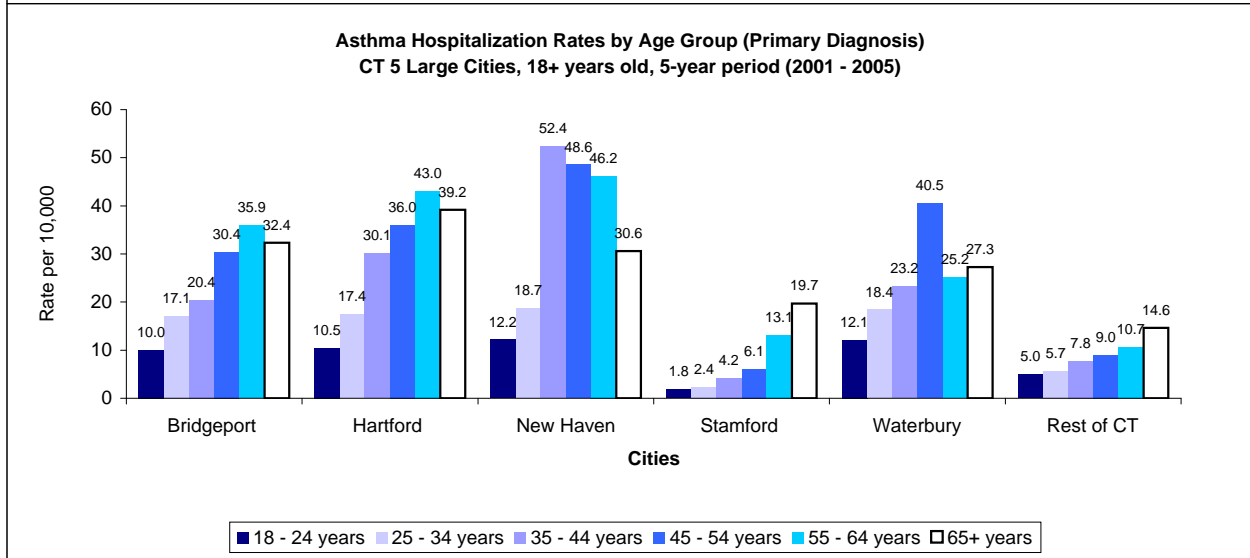
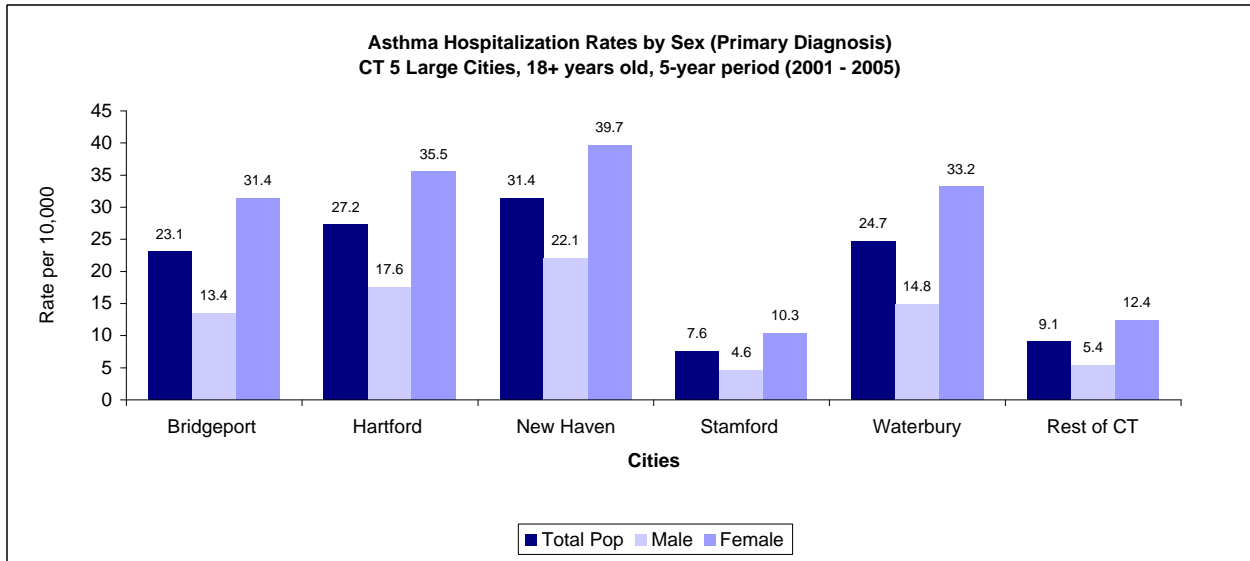
***owner-occupied mortgaged units

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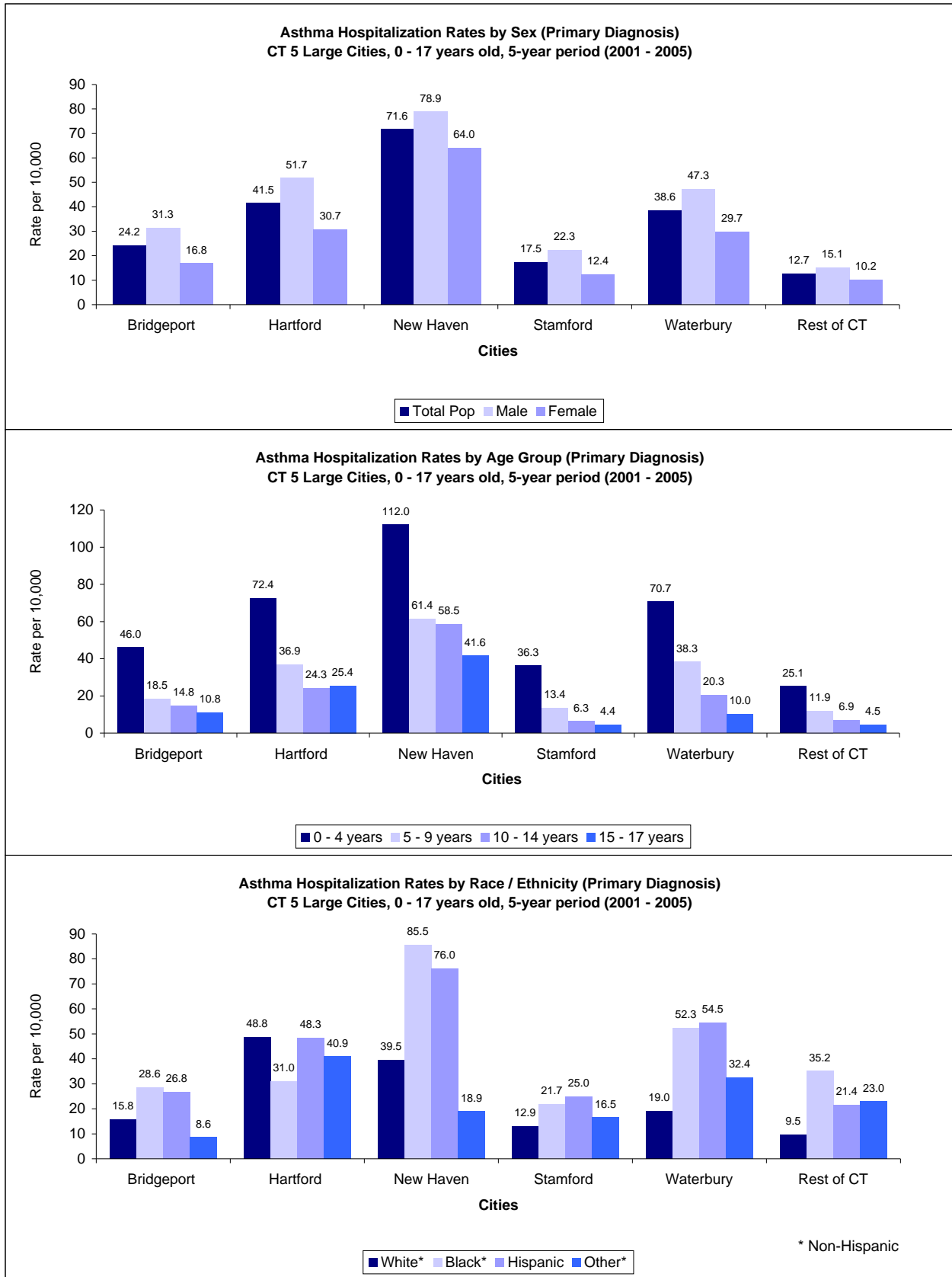
Asthma Hospitalization, ED Visit, Mortality Rates by Five Large Cities vs. Rest of Connecticut



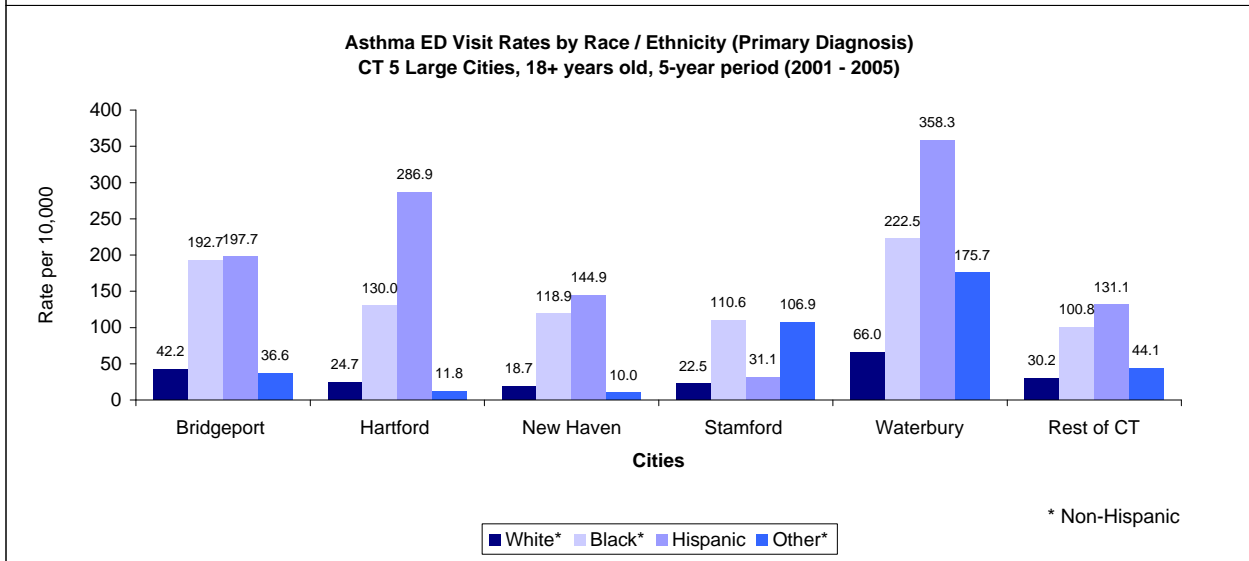
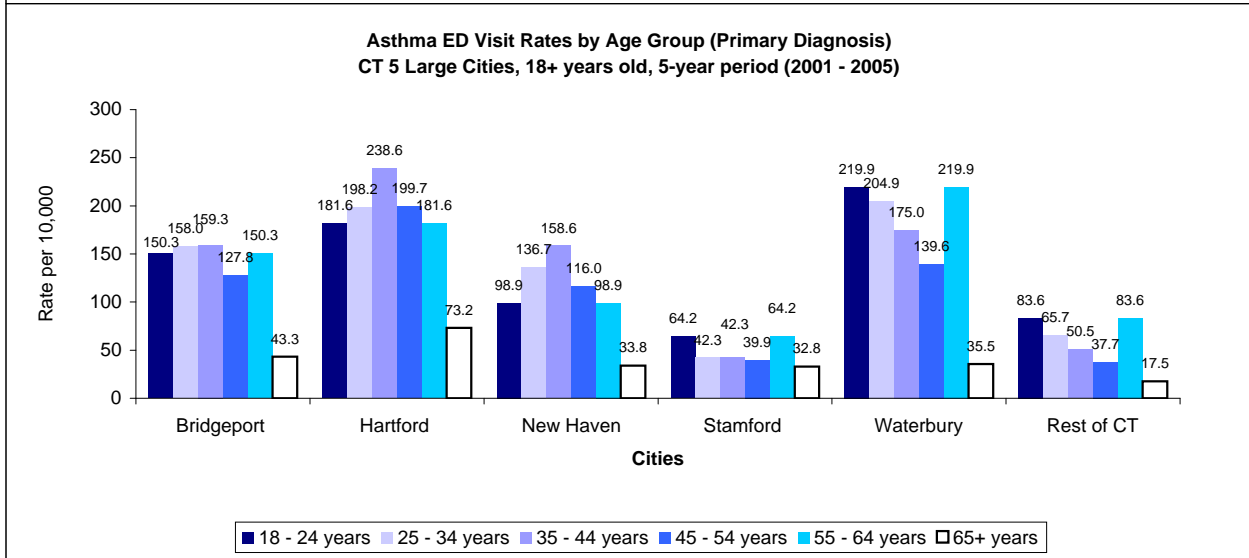
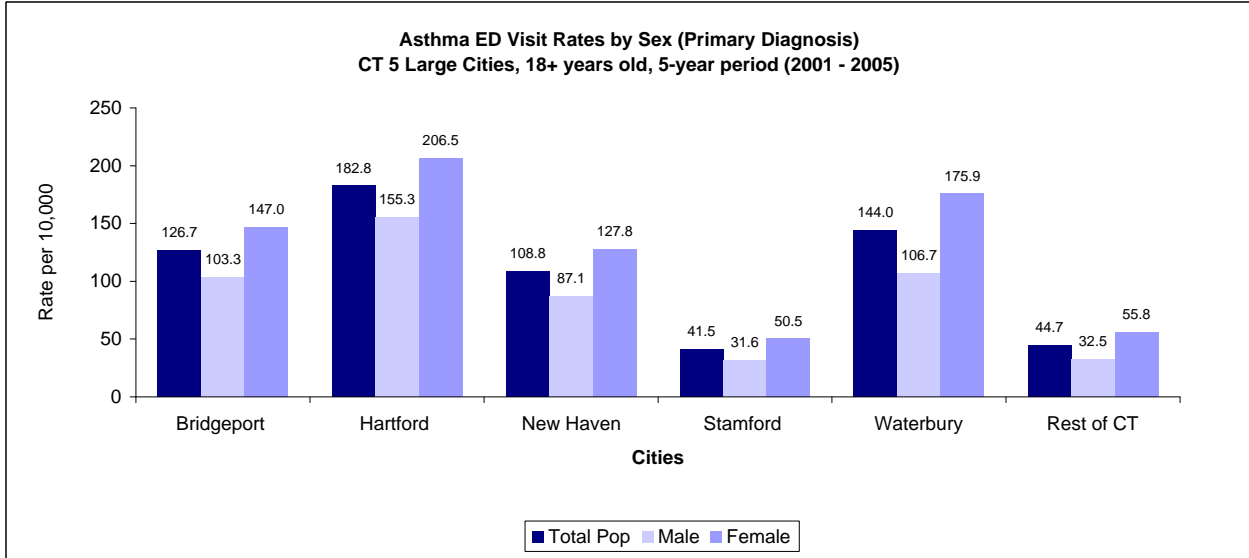
Asthma Hospitalization Rates (Primary Diagnosis), Connecticut Five Large Cities, 2001-2005



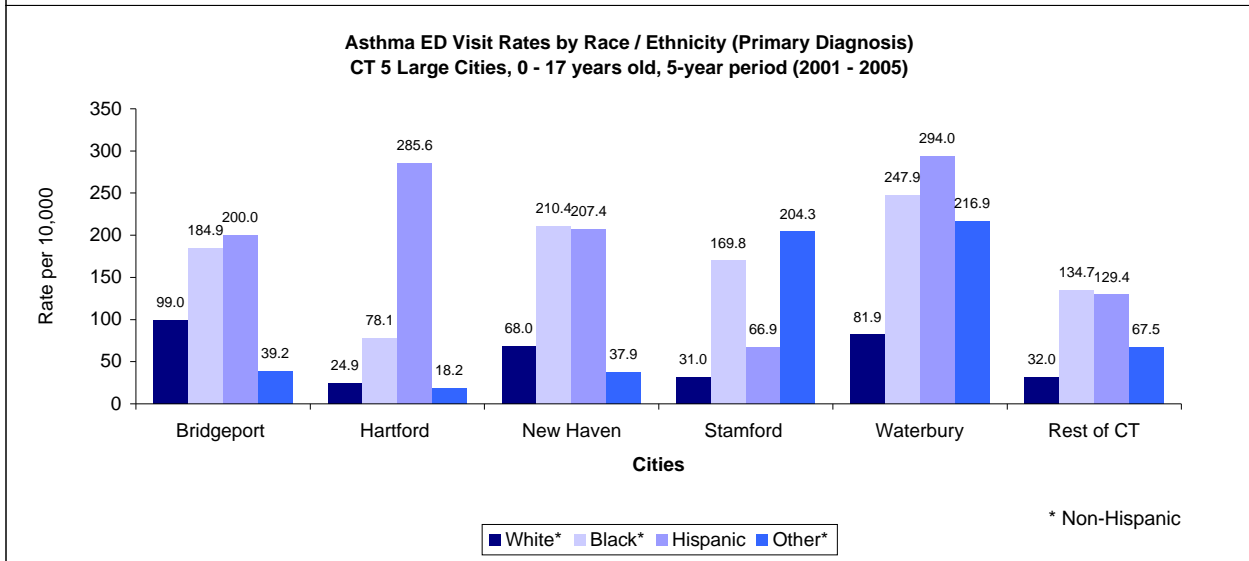
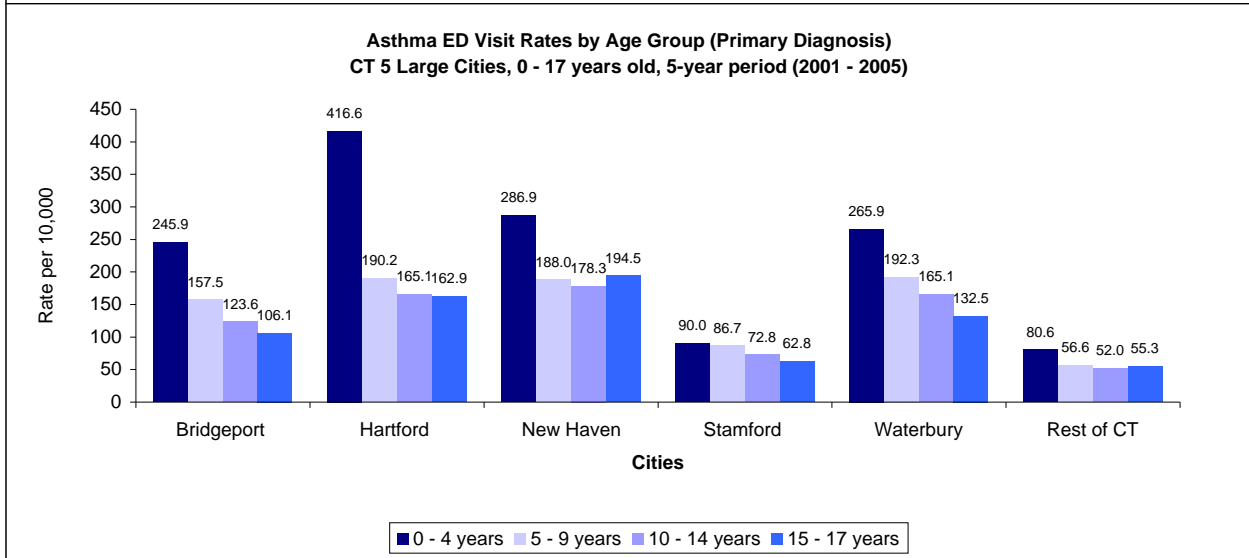
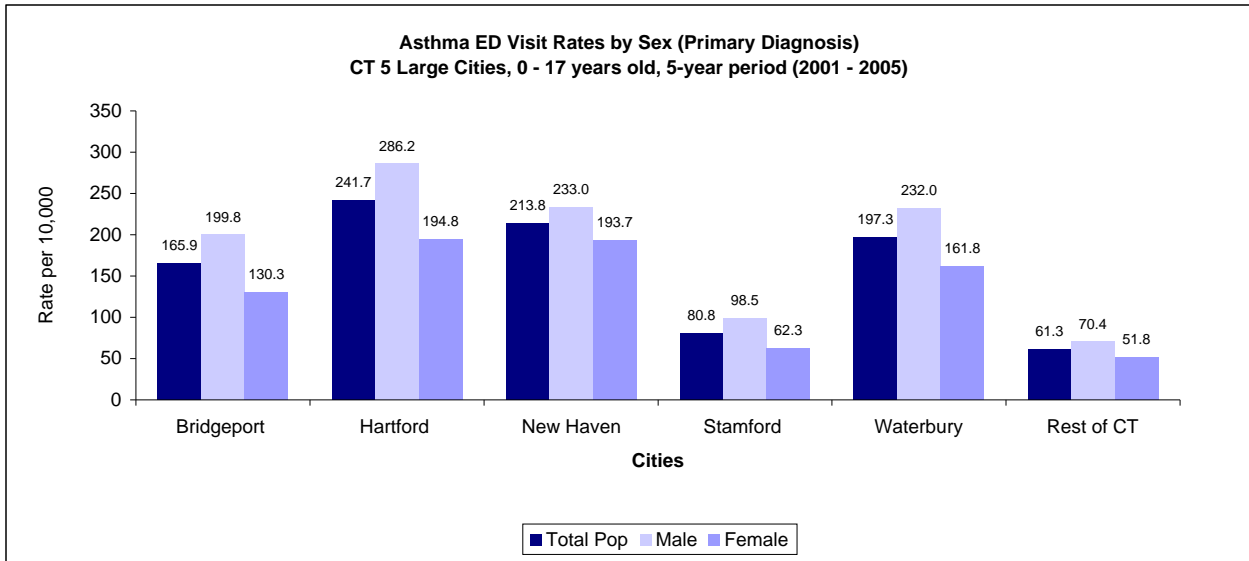
Asthma Hospitalization Rates (Primary Diagnosis), Connecticut Five Large Cities, 2001-2005



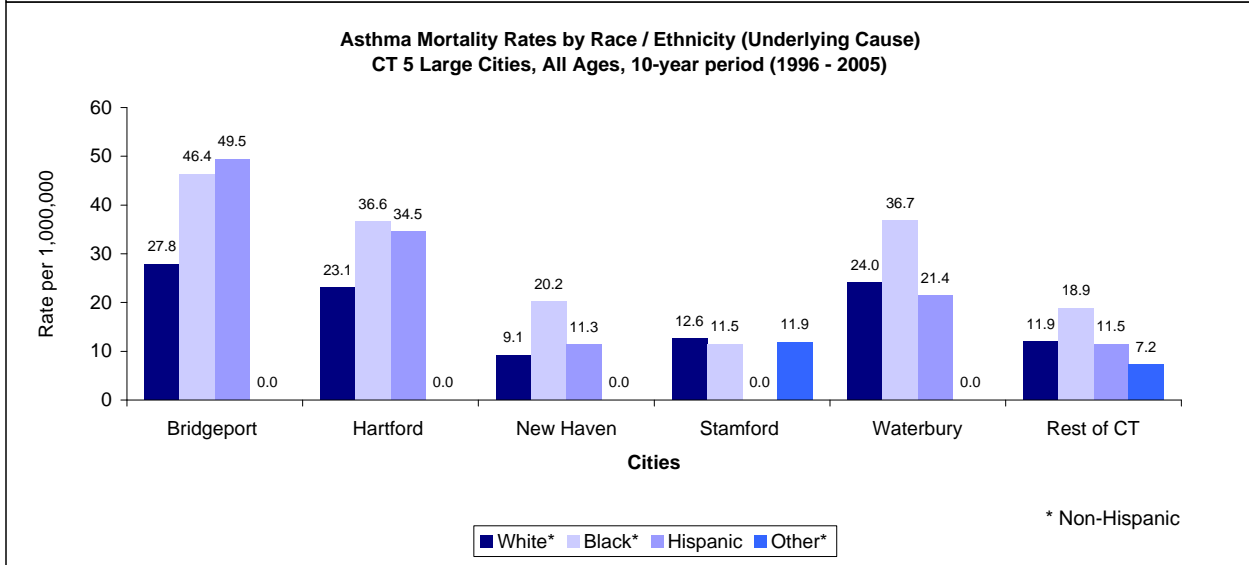
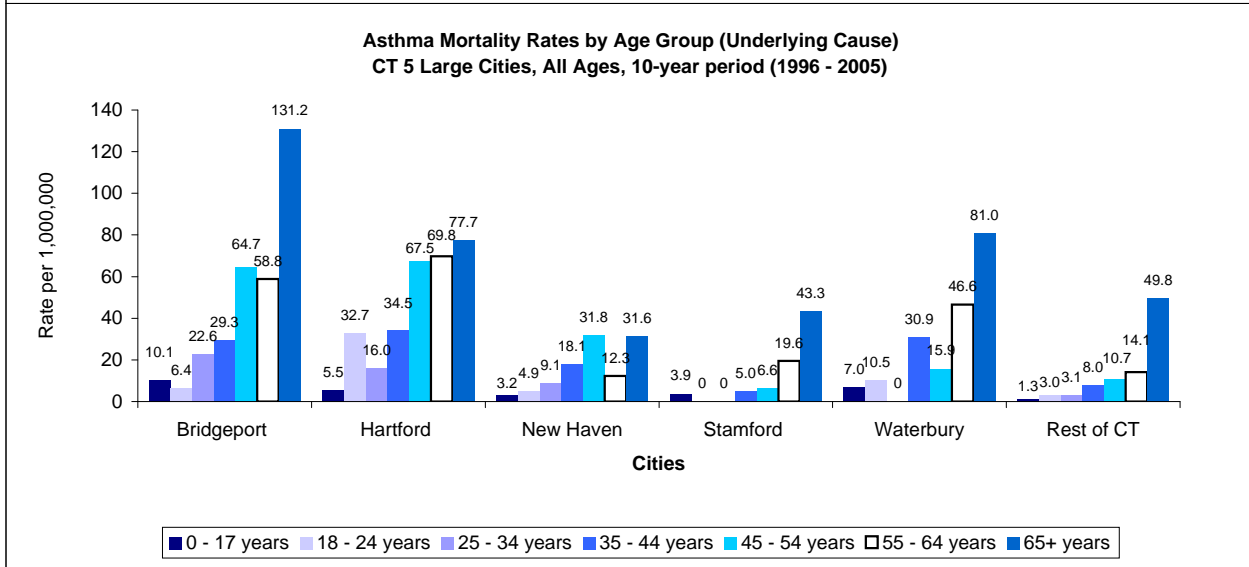
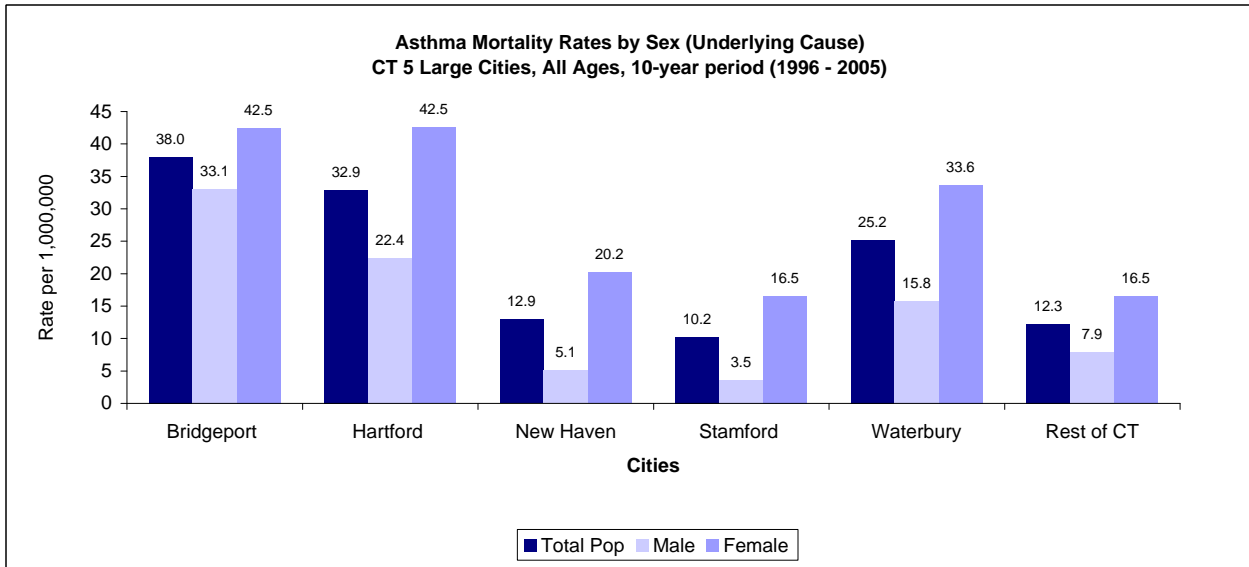
Asthma Emergency Department Visit Rates (Primary Diagnosis), Connecticut Five Large Cities, 2001-2005



Asthma Emergency Department Visit Rates (Primary Diagnosis), Connecticut Five Large Cities, 2001-2005



Asthma Mortality Rates (Underlying Cause), Connecticut Five Large Cities, 1996-2005



Asthma Hospitalizations (Primary Diagnosis) among Adults Ages 18+ Years, Connecticut Five Large Cities 2001-2005

	Bridgeport			Hartford			New Haven			Stamford			Waterbury			Rest of CT		
	No.*	IR**	IRR***	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR
Asthma hospitalization rates per 10,000																		
2001-2005	1153	23.1		1158	27.2		1449	31.4		347	7.6		974	24.7		9582	9.1	
Asthma hospitalization rates per 10,000 by year																		
2001	206	20.6	1.0†	187	22.0	1.0†	237	25.7	1.0†	67	7.3	1.0†	173	21.9	1.0†	1690	8.0	1.0†
2002	250	25.0	1.2	257	30.2	1.4	259	28.1	1.1	57	6.3	0.9	199	25.2	1.2	1826	8.6	1.1
2003	230	23.0	1.1	254	29.9	1.4	317	34.4	1.3	74	8.1	1.1	198	25.1	1.1	2137	10.1	1.3
2004	231	23.1	1.1	223	26.2	1.2	310	33.6	1.3	83	9.1	1.2	187	23.7	1.1	1852	8.7	1.1
2005	236	23.6	1.1	237	27.9	1.3	326	35.4	1.4	66	7.2	1.0	217	27.5	1.3	2077	9.8	1.2
Asthma hospitalization rates per 10,000 by sex (2001 - 2005)																		
Male	311	13.4	0.4	346	17.6	0.5	475	22.1	0.6	100	4.6	0.4	270	14.8	0.4	2716	5.4	0.4
Female	842	31.4	1.0†	812	35.5	1.0†	974	39.7	1.0†	247	10.3	1.0†	704	33.2	1.0†	6866	12.4	1.0†
Asthma hospitalization rates per 10,000 by age group (2001 - 2005)																		
18-24	78	10.0	1.0†	80	10.5	1.0†	123	12.2	1.0†	8	1.8	1.0†	58	12.1	1.0†	505	5.0	1.0†
25-34	189	17.1	1.7	164	17.4	1.7	206	18.7	1.5	25	2.4	1.3	146	18.4	1.5	1005	5.7	1.1
35-44	209	20.4	2.0	262	30.1	2.9	434	52.4	4.3	42	4.2	2.2	188	23.2	1.9	1903	7.8	1.6
45-54	235	30.4	3.0	240	36.0	3.4	305	48.6	4.0	46	6.1	3.3	255	40.5	3.3	1849	9.0	1.8
55-64	183	35.9	3.6	185	43.0	4.1	187	46.2	3.8	67	13.1	7.1	108	25.2	2.1	1411	10.7	2.1
65+	259	32.4	3.2	227	39.2	3.7	194	30.6	2.5	159	19.7	10.6	219	27.3	2.3	2909	14.6	2.9
Asthma hospitalization rates per 10,000 by race/ethnicity (2001 - 2005)																		
White, Non-Hispanic	299	16.2	1.0†	114	11.7	1.0†	190	9.7	1.0†	167	5.7	1.0†	389	15.2	1.0†	7203	7.8	1.0†
Black, Non-Hispanic	361	26.8	1.7	394	26.3	2.2	859	58.1	6.0	113	18.7	3.3	168	31.5	2.1	1016	21.8	2.8
Hispanic	474	33.5	2.1	628	41.3	3.5	391	46.8	4.8	59	8.2	1.4	409	59.9	3.9	1077	21.3	2.7
Other, Non-Hispanic	19	5.0	0.3	22	8.6	0.7	9	2.6	0.3	8	2.5	0.4	8	4.8	0.3	286	7.7	1.0
	No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Percentage of asthma hospitalizations by quarter (2001 - 2005)																		
Jan. - Mar.	307	26.6%		309	26.7%		350	24.2%		102	29.4%		290	29.8%		2821	29.4%	
Apr. - Jun.	294	25.5%		307	26.5%		362	25.0%		85	24.5%		243	24.9%		2327	24.3%	
Jul. - Sept.	246	21.3%		232	20.0%		346	23.9%		67	19.3%		183	18.8%		1813	18.9%	
Oct. - Dec.	306	26.5%		310	26.8%		391	27.0%		93	26.8%		258	26.5%		2621	27.4%	
Percentage of asthma hospitalizations by month (2001 - 2005)																		
January	128	11.1%		130	11.2%		138	9.5%		42	12.1%		123	12.6%		1040	10.9%	
February	91	7.9%		88	7.6%		100	6.9%		30	8.6%		89	9.1%		933	9.7%	
March	88	7.6%		91	7.9%		112	7.7%		30	8.6%		78	8.0%		848	8.8%	
April	93	8.1%		113	9.8%		96	6.6%		27	7.8%		85	8.7%		794	8.3%	
May	110	9.5%		93	8.0%		129	8.9%		34	9.8%		81	8.3%		840	8.8%	
June	91	7.9%		101	8.7%		137	9.5%		24	6.9%		77	7.9%		693	7.2%	
July	78	6.8%		71	6.1%		104	7.2%		13	3.7%		60	6.2%		582	6.1%	
August	71	6.2%		66	5.7%		109	7.5%		23	6.6%		54	5.5%		548	5.7%	
September	97	8.4%		95	8.2%		133	9.2%		31	8.9%		69	7.1%		683	7.1%	
October	103	8.9%		98	8.5%		129	8.9%		30	8.6%		83	8.5%		891	9.3%	
November	72	6.2%		92	7.9%		112	7.7%		27	7.8%		80	8.2%		822	8.6%	
December	131	11.4%		120	10.4%		150	10.4%		36	10.4%		95	9.8%		908	9.5%	

Asthma Hospitalizations (Primary Diagnosis) among Adults Ages 18+ Years, Connecticut Five Large Cities 2001-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma hospitalizations by day of the week (2001 - 2005)												
Monday	203	17.6%	180	15.5%	242	16.7%	68	19.6%	176	18.1%	1748	18.2%
Tuesday	189	16.4%	169	14.6%	226	15.6%	66	19.0%	117	12.0%	1453	15.2%
Wednesday	153	13.3%	199	17.2%	229	15.8%	35	10.1%	154	15.8%	1407	14.7%
Thursday	168	14.6%	144	12.4%	199	13.7%	59	17.0%	141	14.5%	1427	14.9%
Friday	171	14.8%	175	15.1%	187	12.9%	37	10.7%	137	14.1%	1287	13.4%
Saturday	135	11.7%	131	11.3%	156	10.8%	37	10.7%	114	11.7%	1033	10.8%
Sunday	134	11.6%	160	13.8%	210	14.5%	45	13.0%	135	13.9%	1227	12.8%
Percentage of asthma hospitalizations by source of admission (2001 - 2005)												
Emergency Department	1048	90.9%	1066	92.1%	1391	96.0%	337	97.1%	621	63.8%	8017	83.7%
Physician/Clinical referral	103	8.9%	86	7.4%	54	3.7%	10	2.9%	352	36.1%	1479	15.4%
Percentage of asthma hospitalizations by destination (2001 - 2005)												
Home	892	77.4%	880	76.0%	1142	78.8%	268	77.2%	709	72.8%	7303	76.2%
Home with home health service	164	14.2%	181	15.6%	199	13.7%	55	15.9%	186	19.1%	1255	13.1%
Any medical care facility	46	4.0%	49	4.2%	68	4.7%	19	5.5%	54	5.5%	822	8.6%
Percentage of asthma hospitalizations by category of payment (2001 - 2005)												
Public	758	65.7%	932	80.5%	1201	82.9%	249	71.8%	667	68.5%	5570	58.1%
<i>Medicare</i>	372	32.3%	371	32.0%	370	25.5%	157	45.2%	296	30.4%	3658	38.2%
<i>Medicaid</i>	386	33.5%	561	48.4%	831	57.3%	92	26.5%	371	38.1%	1911	19.9%
Private	317	27.5%	170	14.7%	215	14.8%	80	23.1%	236	24.2%	3599	37.6%
Self/Uninsured	77	6.7%	56	4.8%	33	2.3%	18	5.2%	56	5.7%	380	4.0%
	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.
Mean length of stay (days)	5.0	4.7	3.7	4.0	3.6	3.3	4.0	3.2	4.4	3.9	4.2	3.6
Mean cost per stay	\$11,841	\$12,528	\$9,871	\$15,349	\$13,324	\$15,766	\$14,251	\$13,422	\$11,092	\$10,099	\$12,221	\$15,237
Total cost per year	\$2,755,019		\$2,349,255		\$4,250,225		\$1,064,062		\$2,236,875		\$24,783,434	

*Number of new asthma hospitalizations.

**IR=incidence rate. Annual rate of new asthma hospitalization per 10,000 population.

***IRR=incidence rate ratio. Risk of asthma hospitalization as compared to referent group.

† Referent group.

Asthma Hospitalizations (Primary Diagnosis) among Children Ages 0 - 17 Years, Connecticut Five Large Cities 2001-2005

	Bridgeport			Hartford			New Haven			Stamford			Waterbury			Rest of CT		
	No.*	IR**	IRR***	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR
Asthma hospitalization rates per 10,000																		
2001-2005	480	24.2		758	41.5		1126	71.6		226	17.5		549	38.6		4319	12.7	
Asthma hospitalization rates per 10,000 by year																		
2001	97	24.5	1.0†	136	37.2	1.0†	200	63.6	1.0†	29	11.2	1.0†	102	35.8	1.0†	868	12.8	1.0†
2002	99	25.0	1.0	176	48.1	1.3	218	69.3	1.1	53	20.5	1.8	128	45.0	1.3	913	13.4	1.1
2003	106	26.7	1.1	161	44.0	1.2	229	72.8	1.1	63	24.3	2.2	143	50.3	1.4	902	13.3	1.0
2004	96	24.2	1.0	147	40.2	1.1	230	73.1	1.2	47	18.1	1.6	100	35.1	1.0	847	12.5	1.0
2005	82	20.7	0.8	138	37.7	1.0	249	79.2	1.2	34	13.1	1.2	76	26.7	0.7	789	11.6	0.9
Asthma hospitalization rates per 10,000 by sex (2001 - 2005)																		
Male	317	31.3	1.9	485	51.7	1.7	636	78.9	1.2	147	22.3	1.8	340	47.3	1.6	2630	15.1	1.5
Female	163	16.8	1.0†	273	30.7	1.0†	490	64.0	1.0†	79	12.4	1.0†	209	29.7	1.0†	1689	10.2	1.0†
Asthma hospitalization rates per 10,000 by age group (2001 - 2005)																		
0-4	262	46.0	4.2	366	72.4	2.8	490	112.0	2.7	147	36.3	8.2	289	70.7	7.0	2221	25.1	5.6
5-9	106	18.5	1.7	198	36.9	1.5	278	61.4	1.5	50	13.4	3.0	161	38.3	3.8	1172	11.9	2.7
10-14	79	14.8	1.4	121	24.3	1.0	257	58.5	1.4	21	6.3	1.4	78	20.3	2.0	684	6.9	1.5
15-17	33	10.8	1.0†	73	25.4	1.0†	101	41.6	1.0†	8	4.4	1.0†	21	10.0	1.0†	242	4.5	1.0†
Asthma hospitalization rates per 10,000 by race/ethnicity (2001 - 2005)																		
White, Non-Hispanic	49	15.8	1.0†	53	48.8	1.0†	97	39.5	1.0†	85	12.9	1.0†	107	19.0	1.0†	2608	9.5	1.0†
Black, Non-Hispanic	200	28.6	1.8	214	31.0	0.6	642	85.5	2.2	58	21.7	1.7	148	52.3	2.8	691	35.2	3.7
Hispanic	217	26.8	1.7	455	48.3	1.0	370	76.0	1.9	66	25.0	1.9	264	54.5	2.9	599	21.4	2.3
Other, Non-Hispanic	14	8.6	0.5	36	40.9	0.8	17	18.9	0.5	17	16.5	1.3	30	32.4	1.7	421	23.0	2.4
	No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Percentage of asthma hospitalizations by quarter (2001 - 2005)																		
Jan. - Mar.	111	23.1%		184	24.3%		222	19.7%		60	26.5%		127	23.1%		963	22.3%	
Apr. - Jun.	112	23.3%		187	24.7%		292	25.9%		48	21.2%		135	24.6%		996	23.1%	
Jul. - Sept.	113	23.5%		134	17.7%		235	20.9%		58	25.7%		97	17.7%		815	18.9%	
Oct. - Dec.	144	30.0%		253	33.4%		377	33.5%		60	26.5%		190	34.6%		1545	35.8%	
Percentage of asthma hospitalizations by month (2001 - 2005)																		
January	35	7.3%		64	8.4%		70	6.2%		24	10.6%		41	7.5%		291	6.7%	
February	36	7.5%		47	6.2%		61	5.4%		13	5.8%		38	6.9%		291	6.7%	
March	40	8.3%		73	9.6%		91	8.1%		23	10.2%		48	8.7%		381	8.8%	
April	38	7.9%		62	8.2%		91	8.1%		10	4.4%		40	7.3%		305	7.1%	
May	45	9.4%		62	8.2%		128	11.4%		22	9.7%		58	10.6%		434	10.0%	
June	29	6.0%		63	8.3%		73	6.5%		16	7.1%		37	6.7%		257	6.0%	
July	18	3.8%		19	2.5%		44	3.9%		7	3.1%		13	2.4%		103	2.4%	
August	29	6.0%		31	4.1%		49	4.4%		12	5.3%		23	4.2%		170	3.9%	
September	66	13.8%		84	11.1%		142	12.6%		39	17.3%		61	11.1%		542	12.5%	
October	56	11.7%		105	13.9%		150	13.3%		17	7.5%		84	15.3%		642	14.9%	
November	53	11.0%		71	9.4%		134	11.9%		27	11.9%		72	13.1%		540	12.5%	
December	35	7.3%		77	10.2%		93	8.3%		16	7.1%		34	6.2%		363	8.4%	

Asthma Hospitalizations (Primary Diagnosis) among Children Ages 0 - 17 Years, Connecticut Five Large Cities 2001-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma hospitalizations by day of the week (2001 - 2005)												
Monday	72	15.0%	135	17.8%	172	15.3%	27	11.9%	87	15.8%	741	17.2%
Tuesday	83	17.3%	123	16.2%	176	15.6%	33	14.6%	96	17.5%	676	15.7%
Wednesday	76	15.8%	116	15.3%	161	14.3%	35	15.5%	76	13.8%	588	13.6%
Thursday	72	15.0%	118	15.6%	150	13.3%	38	16.8%	74	13.5%	564	13.1%
Friday	64	13.3%	88	11.6%	174	15.5%	32	14.2%	78	14.2%	591	13.7%
Saturday	50	10.4%	78	10.3%	125	11.1%	26	11.5%	54	9.8%	531	12.3%
Sunday	63	13.1%	100	13.2%	168	14.9%	35	15.5%	84	15.3%	628	14.5%
Percentage of asthma hospitalizations by source of admission (2001 - 2005)												
Emergency Department	350	72.9%	582	76.8%	1002	89.0%	174	77.0%	350	63.8%	2991	69.3%
Physician/Clinical referral	63	13.1%	170	22.4%	119	10.6%	47	20.8%	183	33.3%	1188	27.5%
Percentage of asthma hospitalizations by destination (2001 - 2005)												
Home	462	96.3%	720	95.0%	1032	91.7%	215	95.1%	524	95.4%	4136	95.8%
Home with home health service	9	1.9%	34	4.5%	88	7.8%	9	4.0%	18	3.3%	129	3.0%
Percentage of asthma hospitalizations by category of payment (2001 - 2005)												
Public	328	68.3%	624	82.3%	859	76.3%	93	41.2%	410	74.7%	1757	40.7%
<i>Medicaid</i>	328	68.3%	624	82.3%	859	76.3%	93	41.2%	409	74.5%	1754	40.6%
Private	142	29.6%	116	15.3%	253	22.5%	129	57.1%	128	23.3%	2487	57.6%
Self/Uninsured	10	2.1%	17	2.2%	14	1.2%	§	§	§	§	65	1.5%
	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.
Mean length of stay (days)	2.2	1.7	2.7	2.0	2.2	2.8	2.0	1.3	1.8	1.1	2.2	1.8
Mean cost per stay	\$8,169	\$25,182	\$8,156	\$14,887	\$6,945	\$12,892	\$7,031	\$4,742	\$4,601	\$6,497	\$6,418	\$11,888
Total cost per year	\$773,297		\$1,217,922		\$1,639,095		\$337,472		\$489,259		\$5,442,230	

*Number of new asthma hospitalizations.

**IR=incidence rate. Annual rate of new asthma hospitalization per 10,000 population.

***IRR=incidence rate ratio. Risk of asthma hospitalization as compared to referent group.

† Referent group.

§ Numbers and percentages are suppressed when the number is less than 6 due to confidentiality regulations.

Asthma Emergency Department Visits (Primary Diagnosis) among Adults Ages 18+ Years, Connecticut Five Large Cities 2001-2005

	Bridgeport			Hartford			New Haven			Stamford			Waterbury			Rest of CT		
	No.*	IR**	IRR***	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR
Asthma ED visit rates per 10,000																		
2001-2005	6328	126.7		7770	182.8		5016	108.8		1893	41.5		5673	144.0		47268	44.7	
Asthma ED visit rates per 10,000 by year																		
2001	1250	125.2	1.0†	1594	187.5	1.0†	952	103.3	1.0†	429	47.0	1.0†	1147	145.5	1.0†	9113	43.1	1.0†
2002	1249	125.1	1.0	1535	180.6	1.0	992	107.6	1.0	386	42.3	0.9	1147	145.5	1.0	9374	44.3	1.0
2003	1367	136.9	1.1	1750	205.9	1.1	1068	115.9	1.1	387	42.4	0.9	1243	157.7	1.1	10089	47.7	1.1
2004	1193	119.5	1.0	1372	161.4	0.9	986	107.0	1.0	349	38.3	0.8	1050	133.2	0.9	9044	42.7	1.0
2005	1269	127.1	1.0	1519	178.7	1.0	1018	110.4	1.1	342	37.5	0.8	1086	137.8	0.9	9648	45.6	1.1
Asthma ED visit rates per 10,000 by sex (2001 - 2005)																		
Male	2390	103.3	1.0†	3052	155.3	1.0†	1876	87.1	1.0†	687	31.6	1.0†	1942	106.7	1.0†	16405	32.5	1.0†
Female	3938	147.0	1.4	4718	206.5	1.3	3140	127.8	1.5	1206	50.5	1.6	3731	175.9	1.6	30863	55.8	1.7
Asthma ED visit rates per 10,000 by age group (2001 - 2005)																		
18-24	1170	150.3	1.0†	1388	181.6	1.0†	1001	98.9	1.0†	278	64.2	1.0†	1052	219.9	1.0†	8457	83.6	1.0†
25-34	1750	158.0	1.1	1863	198.2	1.1	1506	136.7	1.4	440	42.3	0.7	1623	204.9	0.9	11567	65.7	0.8
35-44	1630	159.3	1.1	2076	238.6	1.3	1315	158.6	1.6	427	42.3	0.7	1416	175.0	0.8	12390	50.5	0.6
45-54	988	127.8	0.9	1332	199.7	1.1	729	116.0	1.2	302	39.9	0.6	879	139.6	0.6	7751	37.7	0.5
55-64	443	86.9	0.6	687	159.8	0.9	251	62.0	0.6	181	35.4	0.6	418	97.4	0.4	3629	27.6	0.3
65+	347	43.3	0.3	424	73.2	0.4	214	33.8	0.3	265	32.8	0.5	285	35.5	0.2	3474	17.5	0.2
Asthma ED visit rates per 10,000 by race/ethnicity (2001 - 2005)																		
White, Non-Hispanic	779	42.2	1.0†	241	24.7	1.0†	365	18.7	1.0†	657	22.5	1.0†	1689	66.0	1.0†	27868	30.2	1.0†
Black, Non-Hispanic	2600	192.7	4.6	1949	130.0	5.3	1759	118.9	6.4	668	110.6	4.9	1188	222.5	3.4	4696	100.8	3.3
Hispanic	2793	197.7	4.7	4362	286.9	11.6	1211	144.9	7.8	223	31.1	1.4	2448	358.3	5.4	6640	131.1	4.3
Other, Non-Hispanic	140	36.6	0.9	30	11.8	0.5	34	10.0	0.5	340	106.9	4.8	292	175.7	2.7	1634	44.1	1.5
	No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Percentage of asthma ED visits by quarter (2001 - 2005)																		
Jan. - Mar.	1526	24.1%		1877	24.2%		1134	22.6%		460	24.3%		1387	24.4%		11943	25.3%	
Apr. - Jun.	1727	27.3%		2173	28.0%		1373	27.4%		564	29.8%		1535	27.1%		12059	25.5%	
Jul. - Sept.	1418	22.4%		1639	21.1%		1115	22.2%		374	19.8%		1198	21.1%		9774	20.7%	
Oct. - Dec.	1657	26.2%		2081	26.8%		1394	27.8%		495	26.1%		1553	27.4%		13492	28.5%	
Percentage of asthma ED visits by																		
January	537	8.5%		700	9.0%		418	8.3%		168	8.9%		505	8.9%		4308	9.1%	
February	498	7.9%		569	7.3%		361	7.2%		148	7.8%		440	7.8%		3896	8.2%	
March	491	7.8%		608	7.8%		355	7.1%		144	7.6%		442	7.8%		3739	7.9%	
April	485	7.7%		645	8.3%		392	7.8%		152	8.0%		452	8.0%		3769	8.0%	
May	711	11.2%		873	11.2%		548	10.9%		243	12.8%		596	10.5%		4538	9.6%	
June	531	8.4%		655	8.4%		433	8.6%		169	8.9%		487	8.6%		3752	7.9%	
July	422	6.7%		489	6.3%		322	6.4%		107	5.7%		366	6.5%		2918	6.2%	
August	477	7.5%		519	6.7%		336	6.7%		122	6.4%		355	6.3%		2892	6.1%	
September	519	8.2%		631	8.1%		457	9.1%		145	7.7%		477	8.4%		3964	8.4%	
October	574	9.1%		710	9.1%		482	9.6%		187	9.9%		549	9.7%		4709	10.0%	
November	517	8.2%		642	8.3%		414	8.3%		148	7.8%		486	8.6%		4210	8.9%	
December	566	8.9%		729	9.4%		498	9.9%		160	8.5%		518	9.1%		4573	9.7%	

Asthma Emergency Department Visits (Primary Diagnosis) among Adults Ages 18+ Years, Connecticut Five Large Cities 2001-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma ED visits by day of the week (2001 - 2005)												
Monday	1011	16.0%	1212	15.6%	794	15.8%	292	15.4%	918	16.2%	7436	15.7%
Tuesday	947	15.0%	1173	15.1%	754	15.0%	244	12.9%	876	15.4%	6494	13.7%
Wednesday	901	14.2%	1128	14.5%	709	14.1%	265	14.0%	800	14.1%	6489	13.7%
Thursday	859	13.6%	1065	13.7%	667	13.3%	260	13.7%	745	13.1%	6253	13.2%
Friday	798	12.6%	1017	13.1%	628	12.5%	234	12.4%	782	13.8%	6041	12.8%
Saturday	862	13.6%	1043	13.4%	657	13.1%	277	14.6%	701	12.4%	6739	14.3%
Sunday	950	15.0%	1132	14.6%	807	16.1%	321	17.0%	851	15.0%	7816	16.5%
Percentage of asthma ED visits by time of day (2001 - 2005)												
Midnight	246	3.9%	209	2.7%	164	3.3%	62	3.3%	167	2.9%	1408	3.0%
1:00 AM	197	3.1%	182	2.3%	146	2.9%	62	3.3%	140	2.5%	1142	2.4%
2:00 AM	181	2.9%	186	2.4%	106	2.1%	48	2.5%	110	1.9%	1051	2.2%
3:00 AM	145	2.3%	147	1.9%	128	2.6%	37	2.0%	128	2.3%	963	2.0%
4:00 AM	133	2.1%	142	1.8%	106	2.1%	46	2.4%	93	1.6%	875	1.9%
5:00 AM	135	2.1%	158	2.0%	114	2.3%	39	2.1%	103	1.8%	835	1.8%
6:00 AM	159	2.5%	196	2.5%	142	2.8%	40	2.1%	113	2.0%	1086	2.3%
7:00 AM	199	3.1%	246	3.2%	186	3.7%	62	3.3%	158	2.8%	1632	3.5%
8:00 AM	283	4.5%	401	5.2%	243	4.8%	79	4.2%	275	4.8%	1996	4.2%
9:00 AM	319	5.0%	500	6.4%	281	5.6%	99	5.2%	312	5.5%	2550	5.4%
10:00 AM	357	5.6%	454	5.8%	311	6.2%	99	5.2%	316	5.6%	2865	6.1%
11:00 AM	306	4.8%	455	5.9%	324	6.5%	91	4.8%	323	5.7%	2773	5.9%
Midday	337	5.3%	438	5.6%	281	5.6%	94	5.0%	304	5.4%	2504	5.3%
1:00 PM	279	4.4%	419	5.4%	235	4.7%	88	4.6%	302	5.3%	2366	5.0%
2:00 PM	267	4.2%	334	4.3%	222	4.4%	92	4.9%	248	4.4%	2171	4.6%
3:00 PM	263	4.2%	347	4.5%	208	4.1%	84	4.4%	273	4.8%	2215	4.7%
4:00 PM	290	4.6%	410	5.3%	265	5.3%	93	4.9%	304	5.4%	2287	4.8%
5:00 PM	302	4.8%	418	5.4%	221	4.4%	93	4.9%	275	4.8%	2362	5.0%
6:00 PM	342	5.4%	430	5.5%	213	4.2%	98	5.2%	306	5.4%	2531	5.4%
7:00 PM	343	5.4%	437	5.6%	250	5.0%	118	6.2%	300	5.3%	2599	5.5%
8:00 PM	322	5.1%	324	4.2%	232	4.6%	106	5.6%	308	5.4%	2599	5.5%
9:00 PM	332	5.2%	336	4.3%	227	4.5%	87	4.6%	308	5.4%	2459	5.2%
10:00 PM	340	5.4%	333	4.3%	218	4.3%	97	5.1%	278	4.9%	2191	4.6%
11:00 PM	251	4.0%	268	3.4%	193	3.8%	79	4.2%	229	4.0%	1808	3.8%
Percentage of asthma ED visits by destination (2001 - 2005)												
Home	6247	98.7%	7643	98.4%	4529	90.3%	1879	99.3%	5564	98.1%	46586	98.6%
Percentage of asthma ED visits by category of payment (2001 - 2005)												
Public	3439	54.3%	5161	66.4%	3172	63.2%	764	40.4%	3459	61.0%	18200	38.5%
Medicare	718	11.3%	926	11.9%	527	10.5%	306	16.2%	791	13.9%	5606	11.9%
Medicaid	2683	42.4%	4227	54.4%	2635	52.5%	447	23.6%	2650	46.7%	12413	26.3%
Private	1483	23.4%	1175	15.1%	1000	19.9%	681	36.0%	1291	22.8%	22018	46.6%
Self/Uninsured	1392	22.0%	1324	17.0%	844	16.8%	448	23.7%	876	15.4%	6722	14.2%
	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.
Mean cost per visit	\$679	\$538	\$753	\$539	\$926	\$567	\$784	\$577	\$902	\$479	\$721	\$513
Total cost per year	\$859,839		\$1,170,219		\$929,195		\$296,916		\$1,023,897		\$6,817,538	

*Number of new asthma ED visits.

**IR=incidence rate. Annual rate of new asthma ED visits per 10,000 population.

***IRR=incidence rate ratio. Risk of asthma ED visit as compared to referent group.

† Referent group.

Asthma Emergency Department Visits (Primary Diagnosis) among Children Ages 0 - 17 Years, Connecticut Five Large Cities 2001-2005

	Bridgeport			Hartford			New Haven			Stamford			Waterbury			Rest of CT		
	No.*	IR**	IRR***	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR	No.	IR	IRR
Asthma ED visit rates per 10,000																		
2001-2005	3290	165.9		4419	241.7		3362	213.8		1046	80.8		2807	197.3		20833	61.3	
Asthma ED visit rates per 10,000 by year																		
2001	645	162.6	1.0†	903	246.9	1.0†	720	229.0	1.0†	243	93.8	1.0†	466	163.8	1.0†	4163	61.3	1.0†
2002	708	178.5	1.1	886	242.3	1.0	718	228.3	1.0	206	79.5	0.8	610	214.4	1.3	4182	61.5	1.0
2003	714	180.0	1.1	926	253.2	1.0	696	221.3	1.0	216	83.4	0.9	623	218.9	1.3	4412	64.9	1.1
2004	671	169.1	1.0	927	253.5	1.0	631	200.7	0.9	188	72.6	0.8	534	187.7	1.1	4118	60.6	1.0
2005	552	139.1	0.9	777	212.5	0.9	597	189.8	0.8	193	74.5	0.8	574	201.7	1.2	3958	58.2	1.0
Asthma ED visit rates per 10,000 by sex (2001 - 2005)																		
Male	2027	199.8	1.5	2684	286.2	1.5	1879	233.0	1.2	650	98.5	1.6	1669	232.0	1.4	12260	70.4	1.4
Female	1263	130.3	1.0†	1735	194.8	1.0†	1483	193.7	1.0†	396	62.3	1.0†	1138	161.8	1.0†	8573	51.8	1.0†
Asthma ED visit rates per 10,000 by age group (2001 - 2005)																		
0-4	1401	245.9	2.3	2107	416.6	2.6	1255	286.9	1.5	365	90.0	1.4	1087	265.9	2.0	7129	80.6	1.5
5-9	905	157.5	1.5	1022	190.2	1.2	851	188.0	1.0	323	86.7	1.4	809	192.3	1.5	5575	56.6	1.0
10-14	661	123.6	1.2	822	165.1	1.0	784	178.3	0.9	244	72.8	1.2	634	165.1	1.2	5139	52.0	0.9
15-17	323	106.1	1.0†	468	162.9	1.0†	472	194.5	1.0†	114	62.8	1.0†	277	132.5	1.0†	2990	55.3	1.0†
Asthma ED visit rates per 10,000 by race/ethnicity (2001 - 2005)																		
White, Non-Hispanic	307	99.0	1.0†	27	24.9	1.0†	167	68.0	1.0†	205	31.0	1.0†	461	81.9	1.0†	8758	32.0	1.0†
Black, Non-Hispanic	1293	184.9	1.9	538	78.1	3.1	1579	210.4	3.1	453	169.8	5.5	701	247.9	3.0	2646	134.7	4.2
Hispanic	1622	200.0	2.0	2692	285.6	11.5	1009	207.4	3.0	177	66.9	2.2	1424	294.0	3.6	3615	129.4	4.0
Other, Non-Hispanic	64	39.2	0.4	16	18.2	0.7	34	37.9	0.6	210	204.3	6.6	201	216.9	2.6	1238	67.5	2.1
	No.	%		No.	%		No.	%		No.	%		No.	%		No.	%	
Percentage of asthma ED visits by quarter (2001 - 2005)																		
Jan. - Mar.	729	22.2%		1104	25.0%		805	23.9%		253	24.2%		628	22.4%		4945	23.7%	
Apr. - Jun.	858	26.1%		1144	25.9%		860	25.6%		247	23.6%		734	26.1%		5167	24.8%	
Jul. - Sept.	585	17.8%		756	17.1%		646	19.2%		215	20.6%		565	20.1%		4035	19.4%	
Oct. - Dec.	1118	34.0%		1415	32.0%		1051	31.3%		331	31.6%		880	31.4%		6686	32.1%	
Percentage of asthma ED visits by																		
January	225	6.8%		391	8.8%		275	8.2%		108	10.3%		201	7.2%		1676	8.0%	
February	252	7.7%		305	6.9%		213	6.3%		77	7.4%		204	7.3%		1494	7.2%	
March	252	7.7%		408	9.2%		317	9.4%		68	6.5%		223	7.9%		1775	8.5%	
April	222	6.7%		331	7.5%		266	7.9%		68	6.5%		229	8.2%		1616	7.8%	
May	405	12.3%		512	11.6%		358	10.6%		111	10.6%		294	10.5%		2268	10.9%	
June	231	7.0%		301	6.8%		236	7.0%		68	6.5%		211	7.5%		1283	6.2%	
July	101	3.1%		163	3.7%		125	3.7%		48	4.6%		115	4.1%		790	3.8%	
August	161	4.9%		183	4.1%		170	5.1%		61	5.8%		117	4.2%		992	4.8%	
September	323	9.8%		410	9.3%		351	10.4%		106	10.1%		333	11.9%		2253	10.8%	
October	419	12.7%		499	11.3%		421	12.5%		101	9.7%		312	11.1%		2502	12.0%	
November	370	11.2%		443	10.0%		335	10.0%		117	11.2%		297	10.6%		2246	10.8%	
December	329	10.0%		473	10.7%		295	8.8%		113	10.8%		271	9.7%		1938	9.3%	

Asthma Emergency Department Visits (Primary Diagnosis) among Children Ages 0 - 17 Years, Connecticut Five Large Cities 2001-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma ED visits by day of the week (2001 - 2005)												
Monday	519	15.8%	645	14.6%	528	15.7%	155	14.8%	450	16.0%	3260	15.6%
Tuesday	445	13.5%	606	13.7%	474	14.1%	163	15.6%	425	15.1%	2886	13.9%
Wednesday	449	13.8%	609	13.8%	456	13.6%	134	12.8%	379	13.5%	2737	13.1%
Thursday	410	12.5%	576	13.0%	445	13.2%	121	11.6%	384	13.7%	2535	12.2%
Friday	393	11.9%	498	11.3%	429	12.8%	132	12.6%	332	11.8%	2420	11.6%
Saturday	474	14.4%	679	15.4%	493	14.7%	144	13.8%	392	14.0%	2911	14.0%
Sunday	600	18.2%	806	18.2%	537	16.0%	197	18.8%	445	15.9%	4084	19.6%
Percentage of asthma ED visits by time of day (2001 - 2005)												
Midnight	138	4.2%	172	3.9%	117	3.5%	52	5.0%	112	4.0%	831	4.0%
1:00 AM	91	2.8%	144	3.3%	109	3.2%	33	3.2%	63	2.2%	660	3.2%
2:00 AM	75	2.3%	111	2.5%	81	2.4%	29	2.8%	64	2.3%	550	2.6%
3:00 AM	94	2.9%	94	2.1%	62	1.8%	25	2.4%	65	2.3%	479	2.3%
4:00 AM	66	2.0%	73	1.7%	51	1.5%	24	2.3%	52	1.9%	423	2.0%
5:00 AM	61	1.9%	62	1.4%	51	1.5%	26	2.5%	34	1.2%	393	1.9%
6:00 AM	81	2.5%	80	1.8%	69	2.1%	17	1.6%	42	1.5%	395	1.9%
7:00 AM	90	2.7%	108	2.4%	93	2.8%	34	3.3%	75	2.7%	558	2.7%
8:00 AM	118	3.6%	156	3.5%	141	4.2%	27	2.6%	122	4.3%	736	3.5%
9:00 AM	126	3.8%	193	4.4%	162	4.8%	40	3.8%	126	4.5%	819	3.9%
10:00 AM	130	4.0%	211	4.8%	163	4.8%	41	3.9%	146	5.2%	812	3.9%
11:00 AM	132	4.0%	225	5.1%	139	4.1%	44	4.2%	116	4.1%	841	4.0%
Midday	139	4.2%	185	4.2%	155	4.6%	46	4.4%	118	4.2%	835	4.0%
1:00 PM	133	4.0%	177	4.0%	150	4.5%	38	3.6%	138	4.9%	868	4.2%
2:00 PM	97	2.9%	182	4.1%	136	4.0%	42	4.0%	116	4.1%	706	3.4%
3:00 PM	117	3.6%	168	3.8%	117	3.5%	32	3.1%	140	5.0%	750	3.6%
4:00 PM	129	3.9%	221	5.0%	146	4.3%	37	3.5%	132	4.7%	832	4.0%
5:00 PM	189	5.7%	227	5.1%	191	5.7%	39	3.7%	138	4.9%	943	4.5%
6:00 PM	201	6.1%	279	6.3%	160	4.8%	57	5.4%	141	5.0%	1168	5.6%
7:00 PM	216	6.6%	261	5.9%	216	6.4%	53	5.1%	182	6.5%	1423	6.8%
8:00 PM	249	7.6%	302	6.8%	215	6.4%	82	7.8%	181	6.4%	1530	7.3%
9:00 PM	234	7.1%	293	6.6%	226	6.7%	80	7.6%	209	7.4%	1599	7.7%
10:00 PM	236	7.2%	275	6.2%	223	6.6%	77	7.4%	162	5.8%	1506	7.2%
11:00 PM	148	4.5%	220	5.0%	189	5.6%	71	6.8%	133	4.7%	1176	5.6%
Percentage of asthma ED visits by destination (2001 - 2005)												
Home	3208	97.5%	4384	99.2%	3105	92.4%	1044	99.8%	2777	98.9%	20347	97.7%
Percentage of asthma ED visits by category of payment (2001 - 2005)												
Public	2274	69.1%	3535	80.0%	2489	74.0%	465	44.5%	2072	73.8%	9206	44.2%
<i>Medicaid</i>	2271	69.0%	3534	80.0%	2487	74.0%	465	44.5%	2068	73.7%	9200	44.2%
Private	750	22.8%	597	13.5%	695	20.7%	481	46.0%	576	20.5%	10537	50.6%
Self/Uninsured	266	8.1%	276	6.2%	178	5.3%	100	9.6%	155	5.5%	1015	4.9%
	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.	Mean	Std.
Mean cost per visit	\$661	\$424	\$560	\$369	\$596	\$388	\$591	\$320	\$729	\$393	\$587	\$377
Total cost per year	\$435,224		\$494,945		\$400,439		\$123,609		\$409,225		\$2,445,873	

*Number of new asthma ED visits.

**IR=incidence rate. Annual rate of new asthma ED visits per 10,000 population.

***IRR=incidence rate ratio. Risk of asthma ED visit as compared to referent group.

† referent group.

Asthma Mortality (Underlying Cause) among Children and Adults, Connecticut Five Large Cities 1996-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.*	IR**	No.	IR	No.	IR	No.	IR	No.	IR	No.	IR
Asthma death rates per 1,000,000												
1996-2005	53	38.0	40	32.9	16	12.9	12	10.2	27	25.2	344	12.3
Asthma death rates per 1,000,000 by year												
1996	6	43.0	4	32.9	2	16.2	0	0.0	4	37.3	31	11.1
1997	8	57.3	5	41.1	3	24.3	1	8.5	2	18.6	44	15.7
1998	8	57.3	6	49.4	1	8.1	1	8.5	2	18.6	34	12.2
1999	3	21.5	4	32.9	2	16.2	0	0.0	2	18.6	39	13.9
2000	7	50.2	5	41.1	2	16.2	3	25.6	3	28.0	38	13.6
2001	4	28.7	2	16.5	0	0.0	2	17.1	2	18.6	36	12.9
2002	3	21.5	4	32.9	2	16.2	1	8.5	5	46.6	34	12.2
2003	3	21.5	5	41.1	2	16.2	0	0.0	3	28.0	28	10.0
2004	6	43.0	3	24.7	0	0.0	2	17.1	3	28.0	29	10.4
2005	5	35.8	2	16.5	2	16.2	2	17.1	1	9.3	31	11.1
Asthma death rates per 1,000,000 by sex (1996 - 2005)												
Male	22	33.1	13	22.4	3	5.1	2	3.5	8	15.8	107	7.9
Female	31	42.5	27	42.5	13	20.2	10	16.5	19	33.6	237	16.5
Asthma death rates per 1,000,000 by age group (1996 - 2005)												
0-17	4	10.1	2	5.5	1	3.2	1	3.9	2	7.0	9	1.3
18-24	1	6.4	5	32.7	1	4.9	0	0.0	1	10.5	6	3.0
25-34	5	22.6	3	16.0	2	9.1	0	0.0	0	0.0	11	3.1
35-44	6	29.3	6	34.5	3	18.1	1	5.0	5	30.9	39	8.0
45-54	10	64.7	9	67.5	4	31.8	1	6.6	2	15.9	44	10.7
55-64	6	58.8	6	69.8	1	12.3	2	19.6	4	46.6	37	14.1
65+	21	131.2	9	77.7	4	31.6	7	43.3	13	81.0	198	49.8
Asthma death rates per 1,000,000 by race/ethnicity (1996 - 2005)												
White, Non-Hispanic	12	27.8	5	23.1	4	9.1	9	12.6	15	24.0	286	11.9
Black, Non-Hispanic	19	46.4	16	36.6	9	20.2	2	11.5	6	36.7	25	18.9
Hispanic	22	49.5	17	34.5	3	11.3	0	0.0	5	21.4	18	11.5
Other, Non-Hispanic	0	0.0	0	0.0	0	0.0	1	11.9	0	0.0	8	7.2
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma deaths by quarter (1996 - 2005)												
Jan. - Mar.	24	45.3%	11	27.5%	3	18.8%	3	25.0%	8	29.6%	120	34.9%
Apr. - Jun.	9	17.0%	8	20.0%	5	31.3%	2	16.7%	4	14.8%	67	19.5%
Jul. - Sept.	10	18.9%	8	20.0%	4	25.0%	3	25.0%	3	11.1%	74	21.5%
Oct. - Dec.	10	18.9%	13	32.5%	4	25.0%	4	33.3%	12	44.4%	83	24.1%

Asthma Mortality (Underlying Cause) among Children and Adults, Connecticut Five Large Cities 1996-2005

	Bridgeport		Hartford		New Haven		Stamford		Waterbury		Rest of CT	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Percentage of asthma deaths by day of the week (1996 - 2005)												
Monday	11	20.8%	3	7.5%	2	12.5%	0	0.0%	4	14.8%	63	18.3%
Tuesday	7	13.2%	2	5.0%	2	12.5%	3	25.0%	4	14.8%	53	15.4%
Wednesday	8	15.1%	8	20.0%	2	12.5%	1	8.3%	4	14.8%	47	13.7%
Thursday	7	13.2%	4	10.0%	1	6.3%	2	16.7%	4	14.8%	47	13.7%
Friday	5	9.4%	8	20.0%	6	37.5%	3	25.0%	4	14.8%	51	14.8%
Saturday	4	7.5%	8	20.0%	1	6.3%	1	8.3%	4	14.8%	44	12.8%
Sunday	11	20.8%	7	17.5%	2	12.5%	2	16.7%	3	11.1%	39	11.3%
Percentage of asthma deaths by place of death (1996 - 2005)												
Inpatient	16	30.2%	14	35.0%	8	50.0%	2	16.7%	7	25.9%	92	26.7%
ED/Outpatient	16	30.2%	9	22.5%	4	25.0%	5	41.7%	13	48.1%	85	24.7%
Dead on Arrival	6	11.3%	8	20.0%	0	0.0%	0	0.0%	1	3.7%	18	5.2%
Nursing Home	3	5.7%	5	12.5%	1	6.3%	2	16.7%	4	14.8%	63	18.3%
Residence	10	18.9%	3	7.5%	2	12.5%	2	16.7%	2	7.4%	79	23.0%
Other	2	3.8%	1	2.5%	1	6.3%	1	8.3%	0	0.0%	7	2.0%

*Number of asthma deaths.

**Rate of new asthma deaths per 1,000,000 population.