

Asthma hospitalizations

Health Priority D: Environmental and Occupational Health Hazards

Objective D2a: By 2010, reduce the asthma hospitalization rate to 8.5 per 10,000 population.

2010 Target: 8.5 per 10,000 population

Indicator: Asthma hospitalizations

Wisconsin Asthma Hospitalizations (Principal Diagnosis of Asthma), By Age and Sex

Year	Hospitalizations per 10,000 Population	Total	Number of Hospitalizations							
			Age						Sex	
			Ages 0-4	Ages 5-10	Ages 11-17	Ages 18-44	Ages 45-64	Ages 65+	Males	Females
2000	10.9	5,801	1,110	755	450	1,491	1,064	931	2,382	3,419
2001	10.4	5,554	1,002	510	372	1,506	1,183	981	2,222	3,332
2002	9.8	5,298	984	481	315	1,368	1,177	973	2,120	3,178
2003	11.4	6,176	1,118	559	394	1,530	1,395	1,180	2,450	3,726
2004	10.0	5,486	1,022	457	298	1,287	1,343	1,079	2,176	3,310
2005	10.3	5,665	1,039	525	317	1,232	1,378	1,174	2,323	3,342
2006	9.1	5,100	946	497	258	1,057	1,267	1,075	2,048	3,052
2007	8.9	5,034	823	432	263	1,060	1,390	1,066	1,945	3,089
2008	9.4	5,449	742	438	233	1,109	1,591	1,336	2,040	3,409
2009	9.6	5,494	804	543	250	1,077	1,588	1,232	2,182	3,312
2010	8.8	5,050	842	502	220	885	1,458	1,143	2,030	3,020

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

Continued on next page

Asthma hospitalizations, continued

Wisconsin Asthma Hospitalizations (Principal Diagnosis of Asthma), By Race

Year	Hospitalizations per 10,000 Population	Number of Hospitalizations						
		Total	African American*	American Indian*	Asian*	White*	Other*	Unknown*
2000	10.9	5,801	1,505	52	60	3,704	235	245
2001	10.4	5,554	1,336	70	44	3,702	273	129
2002	9.8	5,298	1,362	69	53	3,531	255	28
2003	11.4	6,176	1,591	71	43	4,131	274	66
2004	10.0	5,486	1,305	75	45	3,701	298	62
2005	10.3	5,665	1,263	61	44	3,647	305	345
2006	9.1	5,100	1,173	67	43	3,306	227	284
2007	8.9	5,034	1,222	73	52	3,451	171	65
2008	9.4	5,449	1,232	70	47	3,820	201	79
2009	9.6	5,494	1,331	76	45	3,748	212	82
2010	8.8	5,050	1,241	77	58	3,374	208	92

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

*Race groups in this table include Hispanics.

Wisconsin Asthma Hospitalizations (Principal Diagnosis of Asthma), By Hispanic Ethnicity

Year	Hospitalizations per 10,000 Population	Number of Hospitalizations			
		Total	Hispanic	Not Hispanic	Unknown
2000	10.9	5,801	123	5,212	466
2001	10.4	5,554	139	5,030	385
2002	9.8	5,298	164	4,936	198
2003	11.4	6,176	193	5,710	273
2004	10.0	5,486	200	5,092	194
2005	10.3	5,665	205	5,000	460
2006	9.1	5,100	236	4,565	299
2007	8.9	5,034	265	4,663	106
2008	9.4	5,449	299	4,998	152
2009	9.6	5,494	312	4,965	217
2010	8.8	5,050	321	4,527	202

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

Continued on next page

Prepared for Tracking the State Health Plan, 2010—State-Level Data

<http://dhs.wisconsin.gov/statehealthplan/track2010> (July 2011)

Office of Health Informatics

Division of Public Health

Wisconsin Department of Health Services

Asthma hospitalizations, continued

Wisconsin Asthma Hospitalizations (Any Diagnosis of Asthma), By Age and Sex

Year	Hospitalizations per 10,000 Population	Total	Number of Hospitalizations							
			Age						Sex	
			Ages 0-4	Ages 5-10	Ages 11-17	Ages 18-44	Ages 45-64	Ages 65+	Males	Females
2000	52.6	28,329	1,964	1,260	1,537	8,548	7,117	7,903	9,799	18,530
2001	56.7	30,991	1,844	1,004	1,517	9,822	8,157	8,647	10,415	20,576
2002	60.4	33,356	1,996	995	1,571	10,213	9,253	9,328	11,191	22,165
2003	67.4	37,591	2,118	1,134	1,716	11,638	10,464	10,521	12,356	25,235
2004	69.7	39,395	1,979	1,098	1,822	12,224	11,480	10,792	12,767	26,628
2005	72.5	41,362	2,247	1,155	1,826	12,509	12,186	11,439	13,539	27,823
2006	74.7	42,952	2,148	1,222	1,910	13,124	12,908	11,640	14,008	28,944
2007	74.5	43,246	1,894	1,156	1,952	13,336	13,196	11,712	14,010	29,236
2008	76.0	44,564	1,800	1,231	2,110	13,857	14,054	11,512	14,050	30,514
2009	76.6	44,765	1,906	1,441	2,208	14,045	14,102	11,063	14,273	30,492
2010	74.8	43,781	1,896	1,371	2,102	13,943	13,781	10,688	14,026	29,755

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

Continued on next page

Asthma hospitalizations, continued

Wisconsin Asthma Hospitalizations (Any Diagnosis of Asthma), By Race

Year	Hospitalizations per 10,000 Population	Number of Hospitalizations						
		Total	African American*	American Indian*	Asian*	White*	Other*	Unknown*
2000	52.6	28,329	4,590	229	147	21,726	714	923
2001	56.7	30,991	4,825	281	131	24,255	806	693
2002	60.4	33,356	5,189	345	171	26,409	901	341
2003	67.4	37,591	6,022	314	181	29,531	1,083	460
2004	69.7	39,395	6,186	386	214	30,976	1,142	491
2005	72.5	41,362	6,091	386	232	31,062	1,203	2,388
2006	74.7	42,952	6,538	416	227	32,317	1,309	2,145
2007	74.5	43,246	6,939	417	257	33,792	1,261	580
2008	76.0	44,564	7,188	456	282	34,734	1,284	620
2009	76.6	44,765	7,436	465	289	34,627	1,361	587
2010	74.8	43,781	7,227	457	309	33,742	1,442	604

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

*Race groups in this table include Hispanics.

Wisconsin Asthma Hospitalizations (Any Diagnosis of Asthma), By Hispanic Ethnicity

Year	Hospitalizations per 10,000 Population	Number of Hospitalizations			
		Total	Hispanic	Not Hispanic	Unknown
2000	52.6	28,329	503	25,074	2,752
2001	56.7	30,991	581	28,417	1,993
2002	60.4	33,356	764	31,449	1,143
2003	67.4	37,591	890	35,405	1,296
2004	69.7	39,395	1,015	37,388	992
2005	72.5	41,362	1,044	36,532	3,786
2006	74.7	42,952	1,328	38,805	2,819
2007	74.5	43,246	1,575	40,550	1,121
2008	76.0	44,564	1,610	41,729	1,225
2009	76.6	44,765	1,670	41,725	1,370
2010	74.8	43,781	1,785	40,691	1,305

Source: Inpatient hospitalization discharge file, Office of Health Informatics, Division of Public Health, Wisconsin Department of Health Services; prepared from data collected by the Department of Health Services through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

Note: Rates are age-adjusted to the U.S. 2000 standard population.

Prepared for Tracking the State Health Plan, 2010—State-Level Data

<http://dhs.wisconsin.gov/statehealthplan/track2010> (July 2011)

Office of Health Informatics

Division of Public Health

Wisconsin Department of Health Services