

ERRATA
Burden of Asthma in Wisconsin-2007

**Asthma Program, Division of Public Health,
Wisconsin Department of Health Services**

We have discovered the following errors in the report, *Burden of Asthma in Wisconsin-2007*. Corrected information is shown below in bold.

The complete report can be downloaded from the Department of Health Services website at <http://dhs.wisconsin.gov/eh/Asthma/index.htm>

1. Page xiv, under Key Findings, Health Care Utilization, Emergency Department Visits, first bullet. Includes an incorrect amount. The corrected bullet reads:
 - In 2005, there were 22,115 ED visits for asthma, costing over **\$17 million**.

2. Page 33, Table 7, “Number of Asthma Hospitalizations*, Average Length of Stay (LOS), Average Charge per Asthma Hospitalization, and Total Asthma Hospitalization Charges by Sex, Race, Ethnicity and Age, Wisconsin Residents, 2005.” Number of hospitalizations, average charge per hospitalization and total hospitalization charges for ages 5-14, 15-34 and 35-64 were incorrectly arranged. Corrected information is in bold.

Table 7. Number of Asthma Hospitalizations*, Average Length of Stay (LOS), Average Charge per Asthma Hospitalization, and Total Asthma Hospitalization Charges by Sex, Race, Ethnicity and Age, Wisconsin Residents, 2005.

	Hospitalizations (#)	Average LOS (days)	Average Charge per Hospitalization (\$)	Total Hospitalization Charges (\$)
Gender				
Male	2,267	2.47	7,070	16,027,923
Female	3,274	3.25	9,069	29,691,491
Race**				
White	3,555	3.11	8,279	29,432,507
African American	1,244	2.63	8,997	11,192,869
Native American	61	2.28	5,631	343,491
Asian	43	3.23	8,799	378,350
Other	296	2.25	7,092	2,099,243
Ethnicity				
Hispanic	204	2.75	8,360	1,705,492
Non-Hispanic	4,902	2.97	8,373	41,045,392
Age (years)				
0-4	1,007	1.87	4,626	4,658,495
5-14	725	1.9	5,515	3,998,215
15-34	642	2.49	7,142	4,584,866
35-64	2,013	3.28	9,712	19,549,577
65+	1,154	4.14	11,203	12,928,261
Overall Wisconsin Population	5,541	2.93	8251	45,719,414

*Asthma listed as the principal diagnosis (ICD-9-CM 493.00 – 493.92)

**Race groups include both Hispanic and non-Hispanic individuals

Data Source: 2005 Inpatient Hospital Discharge Data, Wisconsin Hospital Association.

3. Page 76-77, Table 19, "Hospitalization and Emergency Department Visit Rates and County Ranks, Wisconsin Counties, 2003-2005." Incorrect hospitalization and emergency department visit rates were reported for Clark and Columbia counties. This resulted in the incorrect ranking of several counties by hospitalization and ED visit rates. Finally, the 95% confidence intervals for the ED visit rates also required correction. The table below has been corrected for these errors.

Table 19. Hospitalization and Emergency Department Visit Rates and County Ranks, Wisconsin Counties, 2003-2005.

County	Hospitalization Rate per 10,000 (95% CI)	Hospitalization County Rank	ED Visit Rate per 10,000 (95% CI)	ED Visit County Rank
ADAMS	8.93 (6.73 – 11.63)	17	36.55 (31.46 – 41.64)	21
ASHLAND	12.37 (9.48 – 15.85)	9	48.37 (42.13 – 54.60)	6
BARRON	5.98 (4.77 – 7.40)	54	29.64 (26.65 – 32.62)	38
BAYFIELD	10.58 (7.88 – 13.91)	14	30.47 (25.00 – 35.95)	36
BROWN	8.78 (8.08 – 9.47)	19	39.62 (38.16 – 41.07)	15
BUFFALO	5.22 (3.41 – 7.64)	64	8.24 (5.64 – 11.63)	71
BURNETT	6.54 (4.55 – 9.09)	47	32.92 (27.50 – 38.33)	31
CALUMET	3.15 (2.25 – 4.28)	71	14.68 (12.60 – 16.76)	70
CHIPPEWA	11.01 (9.43 – 12.59)	13	36.43 (33.56 – 39.30)	22
CLARK	7.21 (5.68 – 9.02)	33	18.30 (15.66 – 20.95)	64
COLUMBIA	6.53 (5.30 – 7.77)	48	38.34 (35.29 – 41.39)	18
CRAWFORD	6.26 (4.31 – 8.79)	50	22.02 (17.92 – 26.11)	55
DANE	7.46 (6.98 – 7.93)	30	21.86 (21.08 – 22.65)	56
DODGE	7.59 (6.53 – 8.65)	29	35.87 (33.53 – 38.21)	25
DOOR	6.95 (5.31 – 8.95)	41	25.47 (21.92 – 29.03)	47
DOUGLAS	3.81 (2.85 – 4.98)	70	35.99 (32.74 – 39.24)	23
DUNN	7.38 (5.89 – 9.12)	31	25.89 (23.03 – 28.74)	44
EAU CLAIRE	7.66 (6.61 – 8.72)	28	25.17 (23.33 – 27.01)	48
FLORENCE	1.22* (0.03 – 6.80)	72	1.66* (0.20 – 6.00)	72
FOND DU LAC	5.40 (4.57 – 6.23)	62	21.13 (19.44 – 22.81)	60
FOREST	21.70 (16.48 – 28.05)	1	20.84 (15.74 – 27.06)	62
GRANT	5.88 (4.71 – 7.26)	56	23.35 (20.88 – 25.82)	52
GREEN	6.89 (5.41 – 8.65)	43	26.99 (23.80 – 30.19)	40
GREEN LAKE	5.06 (3.41 – 7.22)	65	39.60 (34.33 – 44.87)	16
IOWA	5.95 (4.31 – 8.02)	55	37.11 (32.52 – 41.70)	19
IRON	4.96* (2.48 – 8.87)	67	18.03 (11.55 – 26.83)	67
JACKSON	7.04 (5.05 – 9.56)	37	63.35 (56.74 – 69.96)	3
JEFFERSON	6.75 (5.69 – 7.81)	44	35.94 (33.51 – 38.38)	24
JUNEAU	12.54 (10.09 – 15.00)	8	39.87 (35.28 – 44.45)	14
KENOSHA	18.10 (16.89 – 19.31)	4	48.03 (46.07 – 50.00)	7
KEWAUNEE	5.00 (3.38 – 7.14)	66	18.23 (14.81 – 21.65)	65
LA CROSSE	4.49 (3.75 – 5.24)	68	21.61 (20.00 – 23.21)	58
LAFAYETTE	7.80 (5.49 – 10.75)	25	23.78 (19.33 – 28.22)	51
LANGLADE	6.07 (4.27 – 8.36)	53	43.91 (38.46 – 49.37)	11
LINCOLN	12.11 (9.87 – 14.36)	11	32.00 (28.23 – 35.78)	33
MANITOWOC	8.02 (6.89 – 9.15)	23	27.80 (25.64 – 29.96)	39
MARATHON	8.22 (7.31 – 9.13)	22	16.02 (14.73 – 17.31)	69
MARINETTE	8.61 (6.97 – 10.24)	20	26.46 (23.52 – 29.39)	43
MARQUETTE	6.91 (4.89 – 9.49)	42	42.62 (36.46 – 48.77)	13
MENOMINEE	20.91 (13.89 – 30.22)	3	73.43 (59.52 – 87.35)	2
MILWAUKEE	20.93 (20.39 – 21.46)	2	96.34 (95.19 – 97.48)	1
MONROE	5.69 (4.46 – 7.14)	58	38.39 (34.95 – 41.84)	17
OCONTO	7.93 (6.35 – 9.78)	24	32.20 (28.77 – 35.62)	32
ONEIDA	9.21 (7.45 – 11.26)	16	25.02 (21.80 – 28.24)	49

OUTAGAMIE	5.36 (4.72 – 6.01)	63	23.89 (22.54 – 25.24)	50
OZAUKEE	5.62 (4.68 – 6.56)	60	22.36 (20.44 – 24.28)	54
PEPIN	17.59 (12.88 – 23.46)	5	21.81 (15.90 – 29.18)	57
PIERCE	8.86 (7.14 – 10.88)	18	17.76 (15.32 – 20.20)	68
POLK	7.28 (5.91 – 8.88)	32	26.46 (23.59 – 29.33)	42
PORTAGE	5.67 (4.56 – 6.77)	59	33.74 (31.20 – 36.29)	28
PRICE	4.40* (2.61 – 6.95)	69	31.27 (25.72 – 36.82)	34
RACINE	14.20 (13.24 – 15.17)	6	49.04 (47.24 – 50.85)	4
RICHLAND	12.31 (9.56 – 15.60)	10	49.01 (43.02 – 55.00)	5
ROCK	11.20 (10.24 – 12.15)	12	45.88 (43.93 – 47.83)	9
RUSK	6.99 (4.78 – 9.86)	40	44.68 (38.47 – 50.89)	10
SAUK	6.99 (5.74 – 8.24)	39	46.10 (42.83 – 49.38)	8
SAWYER	7.09 (4.97 – 9.82)	35	42.65 (36.72 – 48.57)	12
SHAWANO	7.00 (5.63 – 8.60)	38	33.60 (30.30 – 36.89)	29
SHEBOYGAN	13.22 (11.97 – 14.48)	7	21.34 (19.76 – 22.92)	59
ST. CROIX	8.38 (7.11 – 9.65)	21	20.86 (18.96 – 22.76)	61
TAYLOR	5.86 (4.08 – 8.14)	57	20.51 (16.79 – 24.23)	63
TREMPEALEAU	7.05 (5.35 – 9.11)	36	25.86 (22.30 – 29.42)	45
VERNON	6.65 (5.07 – 8.56)	45	30.70 (26.98 – 34.42)	35
VILAS	6.58 (4.78 – 8.83)	46	35.82 (30.76 – 40.87)	26
WALWORTH	9.54 (8.41 – 10.68)	15	29.98 (28.00 – 31.96)	37
WASHBURN	7.12 (4.90 – 10.00)	34	34.81 (29.31 – 40.31)	27
WASHINGTON	6.12 (5.32 – 6.93)	52	18.21 (16.82 – 19.60)	66
WAUKESHA	7.78 (7.26 – 8.30)	26	22.99 (22.07 – 23.90)	53
WAUPACA	5.50 (4.43 – 6.75)	61	37.03 (33.94 – 40.12)	20
WAUSHARA	6.19 (4.58 – 8.18)	51	32.94 (28.69 – 37.19)	30
WINNEBAGO	6.45 (5.71 – 7.19)	49	26.83 (25.35 – 28.31)	41
WOOD	7.78 (6.64 – 8.91)	27	25.86 (23.71 – 28.01)	46
Wisconsin Overall	10.38 (10.22 – 10.54)	-	41.32 (41.01 – 41.63)	-

* Rates are based on less than 20 visits and should be interpreted with caution.
Data Source: Bureau of Health Information and Policy; prepared from data collected by the Bureau of Health Information and Policy through September 30, 2003 and thereafter by the Wisconsin Hospital Association Information Center, Inc.

4. Page xiv, under heading, “Emergency Department Visits.” After the updating the ED visit rate ranking, the fourth bullet should read (changes in bold):
 - The five counties with the highest rates of asthma ED visits (per 10,000 population) for 2003-2005 were Milwaukee (96.3), Menominee (73.4), Jackson (63.4), **Racine (49.0)** and **Richland (49.0)**.
5. Page 39, Figure 43, “Age-Adjusted Asthma Hospitalization Rates per 10,000 by County and Comparison to the Overall State Rate, 2003-2005.” As discussed above, the reported hospitalization rates for Clark County and Columbia County were incorrect. The correct rate for Clark County is 7.2 per 10,000 population (which is lower than the overall state rate of 10.4 per 10,000 population).

Therefore, Clark County should not be shaded. The correct rate for Columbia County is 6.5 per 10,000 population.

6. Page 45, Figure 49, "Age-Adjusted Asthma Emergency Department Visit Rates per 10,000 by County and Comparison to the Overall State Rate, 2003-2005." As discussed above, the reported emergency department visit rates for Clark County and Columbia County were incorrect. The correct rate for Clark County is 18.3 per 10,000 population (which is lower than the overall state rate of 41.3 per 10,000 population). Therefore, Clark County should not be shaded. The correct rate for Columbia County is 38.3 per 10,000 population.