

Asthma Hospitalization, Virginia, 2006

Table 1. Numbers and Rates of Asthma Hospitalization, Virginia, 2006		
Demographic Group	Hospitalizations	Rate per 100,000 population
Age		
0-4	1,607	315.7
5-14	1,212	123.5
15-34	890	42.1
35-64	3,572	113.2
65+	2,008	226.1
Gender*		
Male	3,547	98.1
Female	5,741	144.9
Race/Ethnicity*		
White	4,794	84.4
Black	3,745	248.8
Other	182	49.8
Hispanic	301	64.0
State Total*	9,289	123.5

Source: Virginia Health Information, 2006. *Rates are age-adjusted to the 2000 U.S. standard population. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0-493.9).

Table 2. Rates of Asthma Hospitalization versus Healthy People 2010 Objectives, Virginia, 2006		
Age (Years)	Healthy People 2010 Objectives Rate per 10,000	Virginia 2006 Rate** per 100,000
0-4	25.0	315.7
5-64	7.7*	90.8
>65	11.0*	226.2
State Total*	NA	123.5

Source: Virginia Health Information, 2006. **Healthy People data:** U.S. Department of Health and Human Services, 2000. <http://www.healthypeople.gov>. **Rates are age-specific. *Rates are age-adjusted to the 2000 U.S. standard population. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0- 493.9). **NA-** Not applicable.

Table 3. Asthma Hospitalizations, Average Charges (dollars), Total Charges (dollars), Average Length of Stay (LOS), and Total Days Hospitalized per Asthma Hospitalization, Virginia, 2006

Demographic Group	Hospitalizations	Average Charges**	Total Charges**	Average LOS (days)	Total Days Hospitalized
Age					
0-4	1,607	6,304	10,130,950	2.00	3,210
5-14	1,212	8,967	10,868,013	2.28	2,765
15-34	890	10,041	8,936,534	2.74	2,441
35-64	3,572	13,863	49,518,690	4.00	14,302
65+	2,008	17,174	34,484,523	5.32	10,688
Gender					
Male	3,547	10,518	37,307,347	2.98	10,585
Female	5,741	13,347	76,625,120	3.97	22,819
Race/Ethnicity					
White	4,794	12,586	60,335,043	3.87	18,552
Black	3,745	12,501	46,817,772	3.41	12,775
Other	182	10,486	1,908,408	3.25	592
Hispanic	301	8,652	2,604,126	2.65	797
State Total	9,289	12,266	113,938,710	3.60	33,406

Source: Virginia Health Information, 2006. Hospital discharges where the primary diagnosis was asthma (ICD-9 CM codes 493.0-493.9). ** Rounded up to the next whole dollar.

Table 4. Asthma Hospitalization Charges (dollars) by Primary Payer, Virginia, 2006

Payor	Hospitalizations	Average Charges**	Total Charges**	Percent of Total Charges
Self-pay	603	9,770	5,891,283	5.2
Private Insurance	3,596	9,900	35,600,188	31.2
Medicaid	1,951	10,376	20,244,078	17.8
Medicare	2,738	17,291	47,343,655	41.6
Other	401	12,118	4,859,506	4.3
State Total	9,289	12,266	113,938,710	100

Source: Virginia Health Information, 2006. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0-493.9). ** Rounded up to the next whole dollar.

Table 5. Numbers, Rates, Average Charges (dollars), and Average Length of Stay (LOS) per Asthma Hospitalization by Health District, Virginia, 2006

Health District	Hospitalizations	Rate* per 100,000 population	Average Charges**	Average LOS (days)
Alexandria	150	110.0	11,593	4.01
Alleghany	162	86.5	10,767	4.55
Arlington	106	58.8	9,784	3.56
Central Shenandoah	238	92.7	6,334	2.95
Central Virginia	331	139.6	7,281	3.01
Chesapeake	265	125.9	12,138	4.62
Chesterfield	498	160.0	23,415	4.56
Chickahominy	144	108.8	24,297	4.79
Crater	411	275.5	14,992	3.64
Cumberland Plateau	262	231.0	11,346	3.78
Eastern Shore	72	130.5	11,653	3.99
Fairfax	713	70.9	11,033	3.69
Hampton	120	84.4	13,262	3.49
Henrico	415	146.8	18,270	3.80
Lenowisco	230	251.8	10,559	3.33
Lord Fairfax	280	132.7	7,668	3.81
Loudoun	201	86.7	9,977	3.37
Mount Rogers	146	75.2	7,347	3.12
New Rivers	189	125.2	11,121	3.42
Norfolk	320	153.3	11,818	3.40
Peninsula	357	110.7	9,498	2.83
Piedmont	199	218.3	10,786	3.10
Pittsylvania-Danville	171	159.2	7,809	2.66
Portsmouth	193	192.6	9,954	3.20
Prince William	472	123.4	8,542	3.32
Rappahannock	391	138.2	10,546	3.14
Rappahannock/Rapidan	195	122.7	11,676	3.42
Richmond	724	385.6	17,006	3.61
Roanoke	191	201.2	9,996	3.62
Southside	171	197.7	9,030	3.41
Thomas Jefferson	205	94.6	13,195	3.55
Three Rivers	165	118.9	11,348	3.87
Virginia Beach	263	61.8	12,955	3.68
West Piedmont	204	134.6	10,295	4.40
Western Tidewater	135	96.1	11,098	3.14
State Total*	9,289	123.5	12,266	3.60

Source: Virginia Health Information, 2006. *Rates are age-adjusted to the 2000 U.S. standard population. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0-493.9). ** Rounded up to the next whole dollar.

Table 6. Asthma Hospitalizations by Month of Admission, Virginia, 2006	
Month of Admission	Hospitalizations
January	847
February	779
March	1002
April	759
May	796
June	560
July	478
August	535
September	891
October	939
November	859
December	844
State Total	9,289

Source: Virginia Health Information, 2006. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0-493.9).

Table 7. Numbers and Rates of Asthma Hospitalization, Among Children (0-17 years), Virginia, 2006		
Demographic Group	Hospitalizations	Rate per 100,000 population
Age		
0-4	1,607	315.7
5-9	831	172.5
10-14	381	76.3
15-17	118	37.3
Gender		
Male	1,847	199.9
Female	1,089	123.3
Race		
White	1,183	93.2
Black	1,281	292.4
State Total	2,937	162.5

Source: Virginia Health Information, 2006. Hospital discharges where the primary diagnosis was asthma (ICD-9-CM codes 493.0-493.9).