

Hospital Utilization for Asthma Patients by HSDA, 1999/2000 to 2002/2003
Based on Most Responsible Asthma-related Diagnosis ¹

Fiscal Year	Health Services Delivery Area	All Asthma Cases	No. of Patients Hospitalized	No. of Hospitalizations	Hospitalization Rate ²	Total Days ³	Average length of Stay ⁴
1999/2000	11 - East Kootenay	3,445	30	33	0.87%	95	2.9
	12 - Kootenay/Boundary	3,761	25	31	0.66%	99	3.2
	13 - Okanagan	17,217	127	182	0.74%	843	4.6
	14 - Thompson/Cariboo	12,544	87	105	0.69%	384	3.7
	21 - Fraser East	16,452	112	134	0.68%	387	2.9
	22 - Fraser North	29,120	156	196	0.54%	612	3.1
	23 - Fraser South	38,773	192	238	0.50%	730	3.1
	31 - Richmond	8,332	36	40	0.43%	92	2.3
	32 - Vancouver	30,139	168	205	0.56%	580	2.8
	33 - North Shore/Coast Garibaldi	12,449	81	115	0.65%	531	4.6
	41 - South Vancouver Island	18,554	126	150	0.68%	513	3.4
	42 - Central Vancouver Island	14,076	97	117	0.69%	401	3.4
	43 - North Vancouver Island	7,456	46	54	0.62%	170	3.1
	51 - Northwest	3,971	37	43	0.93%	126	2.9
	52 - Northern Interior	9,099	61	70	0.67%	199	2.8
53 - Northeast	3,233	38	45	1.18%	111	2.5	
99 - Unknown	7,221	40	46	0.55%	128	2.8	
	Total	235,842	1,459	1,804	0.62%	6,001	3.3

1. Only the most responsible hospital diagnoses are used: ICD-9=493 for 1999/2000, 2000/2001; ICD-10=(J45, J46) for 2001/2002, 2002/2003.
2. Hospitalization Rate is the Number of Patients Hospitalized / Number of Asthma Cases (patients).
3. Total days included acute and rehab days. All day surgeries are excluded in the tables.
4. Average length of Stay = Total Days / Number of Hospitalization.
5. Changes in diagnostic changes from ICD-9 to ICD-10 in 2001/2002 may account for some variation between years.



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2000/2001	11 - East Kootenay	3,789	26	30	0.69%	63	2.1
	12 - Kootenay/Boundary	4,106	24	30	0.58%	120	4.0
	13 - Okanagan	18,876	107	134	0.57%	481	3.6
	14 - Thompson/Cariboo	13,653	88	106	0.64%	313	3.0
	21 - Fraser East	18,353	122	149	0.66%	484	3.2
	22 - Fraser North	32,307	106	131	0.33%	465	3.5
	23 - Fraser South	43,302	162	193	0.37%	557	2.9
	31 - Richmond	9,246	40	45	0.43%	94	2.1
	32 - Vancouver	33,605	192	234	0.57%	741	3.2
	33 - North Shore/Coast Garibaldi	13,721	61	78	0.44%	277	3.6
	41 - South Vancouver Island	20,341	121	147	0.59%	429	2.9
	42 - Central Vancouver Island	15,319	94	124	0.61%	394	3.2
	43 - North Vancouver Island	8,064	44	48	0.55%	160	3.3
	51 - Northwest	4,399	25	33	0.57%	91	2.8
	52 - Northern Interior	10,015	72	89	0.72%	252	2.8
53 - Northeast	3,608	32	37	0.89%	155	4.2	
99 - Unknown	7,126	38	52	0.53%	139	2.7	
	Total	259,830	1,354	1,660	0.52%	5,215	3.1

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2001/2002	11 - East Kootenay	4,027	24	26	0.60%	61	2.3
	12 - Kootenay/Boundary	4,366	23	28	0.53%	76	2.7
	13 - Okanagan	20,061	89	107	0.44%	382	3.6
	14 - Thompson/Cariboo	14,478	69	83	0.48%	334	4.0
	21 - Fraser East	20,070	82	92	0.41%	273	3.0
	22 - Fraser North	35,014	100	136	0.29%	320	2.4
	23 - Fraser South	47,265	131	154	0.28%	504	3.3
	31 - Richmond	9,896	20	23	0.20%	63	2.7
	32 - Vancouver	36,444	125	170	0.34%	506	3.0
	33 - North Shore/Coast Garibaldi	14,761	45	50	0.30%	114	2.3
	41 - South Vancouver Island	21,645	80	105	0.37%	344	3.3
	42 - Central Vancouver Island	16,374	66	79	0.40%	230	2.9
	43 - North Vancouver Island	8,555	25	27	0.29%	61	2.3
	51 - Northwest	4,777	37	44	0.77%	101	2.3
	52 - Northern Interior	10,859	46	58	0.42%	180	3.1
	53 - Northeast	3,873	15	15	0.39%	35	2.3
99 - Unknown	6,633	26	29	0.39%	80	2.8	
	Total	279,098	1,003	1,226	0.36%	3,664	3.0

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2002/2003	11 - East Kootenay	4,279	25	28	0.58%	64	2.3
	12 - Kootenay/Boundary	4,545	15	18	0.33%	44	2.4
	13 - Okanagan	21,001	93	104	0.44%	312	3.0
	14 - Thompson/Cariboo	15,206	60	67	0.39%	216	3.2
	21 - Fraser East	21,396	89	106	0.42%	250	2.4
	22 - Fraser North	37,074	94	113	0.25%	353	3.1
	23 - Fraser South	50,713	107	125	0.21%	399	3.2
	31 - Richmond	10,500	27	29	0.26%	155	5.3
	32 - Vancouver	38,880	106	122	0.27%	375	3.1
	33 - North Shore/Coast Garibaldi	15,550	42	45	0.27%	114	2.5
	41 - South Vancouver Island	22,694	70	80	0.31%	193	2.4
	42 - Central Vancouver Island	17,176	65	76	0.38%	271	3.6
	43 - North Vancouver Island	8,934	20	21	0.22%	80	3.8
	51 - Northwest	5,092	26	33	0.51%	130	3.9
	52 - Northern Interior	11,440	42	45	0.37%	123	2.7
53 - Northeast	4,178	15	17	0.36%	48	2.8	
99 - Unknown	5,601	15	15	0.27%	44	2.9	
	Total	294,259	911	1,044	0.31%	3,171	3.0

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