



Vancouver Island Health Authority

Five-Year Strategic Plan

Statistical Supplement

Updated: September 2008

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Introduction

The purpose of this document is to provide supplementary information to the detail found in the Vancouver Island Health Authority's (VIHA's) Five-Year Strategic Plan and the Health Services and Budget Management Plan. This document does not provide analysis or interpretation of the data presented herein.

The layout of the document is organized by the following healthcare service sectors: Population Health, Primary Health Care, Acute Care and Home & Community Care. Where possible, data is presented at the geographic levels including: local health areas, health service delivery areas, health authority and province.

Sources used to compile this information include:

- Population and Components of Growth → British Columbia Statistics, Population Extrapolation for Organization Planning with Less Error run cycle 32;
- Birth and Death Related Statistics → British Columbia Vital Statistics Agency, 2006 Annual Report;
- Other Indicators Relevant to Health Status → 2001 Census data;
- Acute Care Utilization → Discharge Abstract Database using Quantum Analyzer™; and
- Home and Community Care Utilization → Continuing Care Data Warehouse using Quantum Analyzer™.

Footnotes are provided to lend clarity to complex terms or phrases, data definitions, and parameters.

Map of the Vancouver Island Health Authority

VIHA provides health services across a widely varied geographic area covering approximately 56,000 square kilometers, including Vancouver Island, the Gulf and Discovery Islands and part of the British Columbia mainland opposite northern Vancouver Island.



VIHA is comprised of three Health Service Delivery Areas (HSDA) and fourteen Local Health Areas (LHA).

HSDA NAME	LHA NAME
South Vancouver Island	Greater Victoria
	Sooke
	Saanich
	Gulf Islands
Central Vancouver Island	Cowichan
	Lake Cowichan
	Ladysmith
	Nanaimo
	Qualicum
	Alberni
North Vancouver Island	Courtenay
	Campbell River
	Vancouver Island West
	Vancouver Island North

Population 2008, 2013 and Percent Change by Broad Age Groups

2008	0-19	20-64	65-74	75-84	85+	Total
Greater Victoria	38,744	145,938	16,645	14,269	7,746	223,342
Sooke	15,585	41,753	4,111	2,210	754	64,413
Saanich	11,797	36,202	6,907	5,795	2,706	63,407
Gulf Islands	2,452	9,302	2,174	1,306	538	15,772
SOUTH	68,578	233,195	29,837	23,580	11,744	366,934
Cowichan	13,685	34,440	5,080	3,361	1,348	57,914
Lake Cowichan	1,449	3,952	604	354	88	6,447
Ladysmith	3,653	10,613	1,975	1,339	523	18,103
Nanaimo	21,396	64,288	9,131	6,200	2,601	103,616
Qualicum	7,699	25,524	7,353	4,730	1,575	46,881
Alberni	7,070	19,613	2,877	1,635	624	31,819
CENTRAL	54,952	158,430	27,020	17,619	6,759	264,780
Courtenay	13,720	38,545	6,578	3,808	1,444	64,095
Campbell River	9,534	26,750	3,389	1,781	623	42,077
Vancouver Island West	604	1,465	199	68	13	2,349
Vancouver Island North	3,238	7,863	785	231	13	12,130
NORTH	27,096	74,623	10,951	5,888	2,093	120,651
VIHA	150,626	466,248	67,808	47,087	20,596	752,365
BC	957,165	2,823,767	330,115	217,831	88,630	4,417,508

2013

Greater Victoria	38,461	147,696	22,297	13,518	7,276	229,248
Sooke	15,995	46,413	6,114	2,374	871	71,767
Saanich	10,253	36,383	8,834	5,736	3,200	64,406
Gulf Islands	2,374	9,473	2,963	1,376	645	16,831
SOUTH	67,083	239,965	40,208	23,004	11,992	382,252
Cowichan	12,729	36,797	6,228	3,582	1,673	61,009
Lake Cowichan	1,255	4,019	711	423	161	6,569
Ladysmith	3,527	11,067	2,648	1,301	654	19,197
Nanaimo	21,662	68,985	11,652	6,291	3,086	111,676
Qualicum	7,347	26,774	9,012	5,368	2,225	50,726
Alberni	6,228	18,963	3,477	1,809	758	31,235
CENTRAL	52,748	166,605	33,728	18,774	8,557	280,412
Courtenay	13,423	41,502	8,050	4,345	1,669	68,989
Campbell River	8,675	27,523	4,667	1,999	788	43,652
Vancouver Island West	508	1,329	280	99	16	2,232
Vancouver Island North	2,811	7,409	1,148	263	4	11,635
NORTH	25,417	77,763	14,145	6,706	2,477	126,508
VIHA	145,248	484,333	88,081	48,484	23,026	789,172
BC	939,962	3,001,784	417,479	232,745	105,562	4,697,532

% Change 2008-2013

Greater Victoria	-0.7%	1.2%	34.0%	-5.3%	-6.1%	2.6%
Sooke	2.6%	11.2%	48.7%	7.4%	15.5%	11.4%
Saanich	-13.1%	0.5%	27.9%	-1.0%	18.3%	1.6%
Gulf Islands	-3.2%	1.8%	36.3%	5.4%	19.9%	6.7%
SOUTH	-2.2%	2.9%	34.8%	-2.4%	2.1%	4.2%
Cowichan	-7.0%	6.8%	22.6%	6.6%	24.1%	5.3%
Lake Cowichan	-13.4%	1.7%	17.7%	19.5%	83.0%	1.9%
Ladysmith	-3.4%	4.3%	34.1%	-2.8%	25.0%	6.0%
Nanaimo	1.2%	7.3%	27.6%	1.5%	18.6%	7.8%
Qualicum	-4.6%	4.9%	22.6%	13.5%	41.3%	8.2%
Alberni	-11.9%	-3.3%	20.9%	10.6%	21.5%	-1.8%
CENTRAL	-4.0%	5.2%	24.8%	6.6%	26.6%	5.9%
Courtenay	-2.2%	7.7%	22.4%	14.1%	15.6%	7.6%
Campbell River	-9.0%	2.9%	37.7%	12.2%	26.5%	3.7%
Vancouver Island West	-15.9%	-9.3%	40.7%	45.6%	23.1%	-5.0%
Vancouver Island North	-13.2%	-5.8%	46.2%	13.9%	-69.2%	-4.1%
NORTH	-6.2%	4.2%	29.2%	13.9%	18.3%	4.9%
VIHA	-3.6%	3.9%	29.9%	3.0%	11.8%	4.9%
BC	-1.8%	6.3%	26.5%	6.8%	19.1%	6.3%

Death-related Statistics (Five-year Average 2002-2006)

Standardized Mortality Ratio¹ (SMR) by Cause of Death

		All Causes of Death	All Cancer Sites	Lung Cancer	Endocrine, Nutritional and Metabolic Diseases etc.	Diabetes	Circulatory System	Ischaemic Heart Disease	Cerebrovascular Disease/Stroke	Arteries/Arterioles/Capillaries	Respiratory System	Pneumonia and Influenza	Chronic Lung Disease	Digestive System	Motor Vehicle Accidents	Accidental Falls	Suicide	Alcohol-Related Deaths	Medically Treatable Disease	Drug-Induced Deaths
Local Health Areas																				
61	Greater Victoria	0.98	1.03	0.99	0.89	0.87	0.98	0.94	1.05	0.89	0.87	0.74	0.95	0.98	0.44	1.22	1.13	1.14	0.87	1.63
62	Sooke	1.03	1.05	1.07	1.04	0.87	1.00	0.90	1.18	0.84	1.02	0.96	1.09	0.99	0.88	1.07	0.83	1.14	1.00	0.83
63	Saanich	0.85	0.96	0.69	0.57	0.64	0.77	0.68	0.94	0.78	0.87	0.85	0.81	0.62	0.62	0.98	0.61	0.60	0.66	0.81
64	Gulf Islands	0.75	0.87	0.73	0.52	0.38	0.68	0.60	0.85	0.76	0.60	0.58	0.54	0.97	0.88	1.03	1.51	0.95	0.34	0.89
SOUTH		0.95	1.01	0.92	0.82	0.80	0.92	0.86	1.02	0.86	0.87	0.77	0.91	0.91	0.56	1.15	1.00	1.01	0.83	1.33
65	Cowichan	1.02	1.10	1.07	0.67	0.68	0.99	0.93	0.94	0.94	1.05	0.88	1.16	1.19	0.86	1.08	1.32	1.07	0.61	0.79
66	Lake Cowichan	1.04	1.14	1.50	0.96	0.94	1.00	0.79	1.14	1.61	0.98	1.00	1.06	1.84	0.94	-	1.74	1.57	1.74	1.69
67	Ladysmith	1.15	1.24	1.22	0.79	0.81	1.07	0.87	1.22	1.41	1.22	1.36	1.03	1.13	1.37	1.33	1.27	1.41	0.64	0.76
68	Nanaimo	1.07	1.03	1.13	1.25	1.26	1.10	1.18	1.01	1.25	0.97	0.78	1.14	1.00	0.87	1.20	1.40	1.13	0.92	1.39
69	Qualicum	0.94	1.04	1.00	0.85	0.83	0.90	0.90	0.77	1.06	0.91	0.93	0.90	0.85	0.88	1.07	1.02	0.74	0.13	0.63
70	Alberni	1.22	1.18	1.35	1.95	1.95	1.25	1.28	1.10	0.89	0.87	0.54	1.13	0.89	1.55	1.39	1.72	1.92	1.17	1.30
CENTRAL		1.05	1.08	1.13	1.07	1.07	1.04	1.04	0.97	1.12	0.98	0.86	1.08	1.02	0.99	1.15	1.35	1.16	0.75	1.09
71	Courtenay	1.05	1.12	1.16	0.84	0.85	1.00	0.97	1.12	1.15	1.02	0.69	1.28	1.25	0.95	1.26	1.16	1.32	0.72	0.88
72	Campbell River	1.13	1.22	1.57	1.23	1.16	1.03	0.88	1.03	1.43	0.91	0.70	0.98	1.22	1.19	0.99	1.63	1.57	1.03	1.41
84	Vancouver Island West	1.47	1.28	2.54	1.98	2.56	1.54	2.09	0.98	1.36	1.72	-	1.58	0.65	0.92	-	3.27	1.95	-	-
85	Vancouver Island North	1.36	1.38	1.25	1.18	1.14	1.19	1.39	1.40	0.20	1.75	1.02	2.32	1.55	0.96	1.62	1.29	2.14	2.78	0.89
NORTH		1.10	1.17	1.31	1.00	0.98	1.02	0.98	1.10	1.19	1.03	0.70	1.25	1.25	1.03	1.19	1.38	1.49	1.06	1.05
VIHA		1.00	1.05	1.04	0.93	0.92	0.97	0.94	1.01	0.99	0.92	0.80	1.01	0.99	0.78	1.15	1.18	1.14	0.84	1.20
BC		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

¹ The ratio of the number of deaths occurring to residents of a geographic area to the expected number of deaths in that area based on provincial age-specific mortality rates.

Birth-related Statistics (Five-year Average 2002-2006)

		Live Birth Rate	Stillbirth Rate	Infant Death Rate ²	Low Birth Wt. ³ Live Birth Rate	Cesarean Rate ⁴	Pre-term Rate ⁵	Teenage Mother Rate ⁶	Mothers over age 35 Rate
Local Health Areas									
61	Greater Victoria	8.03	6.29	4.49	54.53	338.24	78.58	32.21	236.42
62	Sooke	10.10	5.39	4.40	56.53	349.02	90.72	34.87	185.51
63	Saanich	6.51	7.30	6.86	56.86	301.47	89.22	38.24	231.37
64	Gulf Islands	5.69	-	7.08	42.45	228.77	68.40	28.30	259.43
	SOUTH	8.00	6.06	4.89	54.93	331.89	82.35	33.52	225.73
65	Cowichan	8.89	9.38	6.18	62.17	256.48	97.16	74.10	155.62
66	Lake Cowichan	6.33	-	5.05	65.66	318.18	101.01	75.76	95.96
67	Ladysmith	8.55	8.16	12.35	67.22	277.09	124.83	78.19	137.17
68	Nanaimo	8.36	7.82	5.17	50.23	289.83	77.57	56.14	147.99
69	Qualicum	5.31	7.01	1.77	52.96	299.21	76.79	42.37	195.06
70	Alberni	9.57	9.12	7.23	45.36	255.10	73.64	98.62	125.58
	CENTRAL	8.07	8.17	5.86	54.22	277.23	85.49	67.32	149.94
71	Courtenay	7.64	6.06	3.48	47.89	245.54	66.17	65.30	186.77
72	Campbell River	8.81	6.70	6.18	48.34	337.27	68.58	73.64	118.04
84	Vancouver Island West	12.21	-	6.80	40.82	217.69	74.83	142.86	129.25
85	Vancouver Island North	11.58	6.54	10.54	55.34	226.61	80.37	118.58	133.07
	NORTH	8.59	6.18	5.62	48.98	274.59	69.45	78.68	152.35
	VIHA	8.12	6.81	5.35	53.66	303.23	81.23	52.91	187.02
	BC	9.64	7.55	4.23	54.74	292.15	74.18	35.94	211.60

Rates (other than live births rates) are calculated using either total births or live births as the denominator. Stillbirth rates are calculated per 1,000 total births (e.g. total = live births + stillbirths); whereas, the other birth rates are calculated per 1,000 live births.

² Deaths of children under one year of age.

³ Any live born infant weighing less than 2500 grams.

⁴ Cesarean - live births delivered by cesarean section.

⁵ Any live born infant less than 37-week gestation at delivery.

⁶ Any mother who was 19 years of age or younger at time of delivery of a live born infant.

Components of Growth (2007/08)

Local Health Area	Births	Deaths	Net Migration	Population Growth Rate	Density/ Sq Km	Median Age	Gender Ratio ⁷	Crude Death Rate ⁸	Child Dependency Ratio ⁹	Elderly Dependency Ratio ¹⁰
61 Greater Victoria	1,770	2,418	1,765	0.5	2,045.7	41.9	90.7	10.9	0.225	0.256
62 Sooke	679	396	1,026	2.1	37.2	39.7	100.8	6.2	0.318	0.163
63 Saanich	370	700	339	0.0	391.6	49.6	93.8	11.0	0.269	0.407
64 Gulf Islands	84	153	246	1.1	43.9	53.7	91.9	9.8	0.223	0.418
SOUTH	2,903	3,667	3,376	0.7	66.8	43.4	93.0	10.0	0.248	0.270
65 Cowichan	482	547	708	1.1	77.9	43.4	97.0	9.5	0.326	0.270
66 Lake Cowichan	45	53	36	0.4	2.7	45.3	104.2	8.2	0.306	0.253
67 Ladysmith	150	217	291	1.3	40.8	47.6	97.6	12.1	0.288	0.347
68 Nanaimo	878	996	1,690	1.5	76.4	43.2	95.3	9.7	0.280	0.268
69 Qualicum	235	546	1,141	1.8	60.4	53.3	95.2	11.8	0.252	0.515
70 Alberni	293	293	-149	-0.5	4.7	43.5	103.9	9.2	0.304	0.251
CENTRAL	2,083	2,652	3,717	1.2	24.2	45.4	97.0	10.1	0.289	0.311
71 Courtenay	478	572	978	1.4	37.1	45.2	97.0	9.0	0.297	0.294
72 Campbell River	347	311	266	0.7	3.1	43.3	102.7	7.4	0.296	0.207
84 Vancouver Island West	25	17	-24	-0.7	0.5	42.2	113.5	7.2	0.356	0.183
85 Vancouver Island North	132	47	-248	-1.3	0.6	39.7	110.9	3.8	0.347	0.125
NORTH	982	947	972	0.8	3.1	44.0	100.6	7.9	0.303	0.243
VIHA	5,968	7,266	8,065	0.9	13.7	44.2	95.6	9.7	0.271	0.279
BC	41,764	33,213	44,392	1.2	4.7	40.4	98.2	7.6	0.287	0.217

⁷ Males per 100 females

⁸ Census year deaths per 1,000 population

⁹ Population ages (0-17) / Population (18-64)

¹⁰ Population (65+) / Population (18-64)

Other Indicators Relevant to Health Status (2001 Census Data)

		2001 Population ¹¹	Aboriginal Identity ¹²	Unemployment ¹³	% of Population Highest Level of Schooling < Grade 9 ¹⁴	Average Employment Income ¹⁵
Local Health Areas						
61	Greater Victoria	197,425	2.54%	7.4%	3.7%	\$29,678
62	Sooke	51,795	3.69%	5.8%	3.3%	\$29,451
63	Saanich	58,095	3.25%	4.8%	3.4%	\$34,558
64	Gulf Islands	13,390	2.24%	6.2%	2.4%	\$22,926
SOUTH		376,500	2.84%	7.0%	3.8%	\$30,004
65	Cowichan	49,860	8.52%	9.1%	5.0%	\$28,700
66	Lake Cowichan	5,930	8.18%	14.4%	8.5%	\$27,597
67	Ladysmith	15,540	9.81%	10.0%	6.4%	\$28,499
68	Nanaimo	87,975	5.02%	11.6%	5.1%	\$27,849
69	Qualicum	37,930	2.53%	10.0%	4.3%	\$25,333
70	Alberni	30,130	16.26%	13.8%	8.5%	\$29,103
CENTRAL		226,510	7.27%	11.4%	5.4%	\$27,473
71	Courtenay	54,935	3.50%	11.2%	4.8%	\$27,031
72	Campbell River	37,920	6.95%	12.5%	6.3%	\$29,296
84	Vancouver Island West	2,415	19.67%	22.2%	6.3%	\$27,721
85	Vancouver Island North	13,400	19.89%	10.8%	6.1%	\$31,549
NORTH		53,740	7.09%	12.5%	6.2%	\$29,834
VIHA		656,745	5.08%	8.9%	4.5%	\$29,174
BC		3,868,875	4.39%	8.5%	6.6%	\$31,544

¹¹ As of May 15, 2001.

¹² Percentage of people who reported identifying with at least one Aboriginal group.

¹³ Percentage of people in the labour force, aged 15 years and over, who were unemployed.

¹⁴ Percentage of people, aged 20 years and over, with less than grade 9.

¹⁵ Average employment income of people, aged 15 years and over, with employment income.

Acute Care (Hospital) Utilization (2006/07)

Age-Standardized Utilization Rates¹⁶ for Acute Care by Residence – TOTAL CASES (2006/07)

This is a measure of acute care needs.

		Cases Rates			Days Rates			Weighted Cases ¹⁷ Rates		
		Inpatient	Day Procedure	Total	Acute/Rehab	ALC ¹⁸	Total	Inpatient	Day Procedure	Total
Local Health Areas										
61	Greater Victoria	74.30	65.37	139.78	550.39	54.13	602.67	112.14	10.47	122.70
62	Sooke	83.57	70.85	154.33	524.54	35.31	563.31	118.91	11.62	130.50
63	Saanich	76.70	73.14	149.86	500.11	35.33	530.25	106.43	11.55	117.91
64	Gulf Islands	89.16	55.81	143.73	559.64	39.57	595.28	126.40	8.70	135.26
SOUTH		76.76	67.25	144.05	537.28	47.55	582.52	112.54	10.77	123.36
65	Cowichan	98.51	69.84	167.95	537.87	118.83	659.17	134.49	11.68	146.19
66	Lake Cowichan	95.86	59.46	153.89	623.75	56.13	681.42	132.90	10.63	143.33
67	Ladysmith	91.48	74.11	165.36	549.79	110.48	666.45	132.35	12.99	145.36
68	Nanaimo	88.09	75.92	163.97	529.80	59.59	589.24	119.64	12.91	132.53
69	Qualicum	73.32	68.71	142.07	387.70	29.35	414.46	91.62	12.13	103.60
70	Alberni	119.16	75.50	193.81	655.33	144.22	797.34	160.38	12.59	172.88
CENTRAL		91.21	72.57	163.52	517.60	76.17	594.97	122.20	12.41	134.60
71	Courtenay	87.06	85.19	172.39	434.50	100.32	537.00	113.92	14.46	128.38
72	Campbell River	89.41	88.53	178.15	512.56	213.91	712.56	138.76	15.10	153.93
84	Vancouver Island West	82.03	75.54	157.55	502.47	57.56	560.27	112.76	12.63	125.56
85	Vancouver Island North	179.81	76.84	252.63	1021.28	126.55	1145.45	213.45	12.84	224.83
NORTH		95.97	85.38	181.24	507.80	135.84	641.18	129.98	14.50	144.52
VIHA		84.66	71.98	156.60	526.16	68.23	595.08	118.45	11.94	130.39
BC		83.88	77.61	161.48	560.34	65.32	625.66	126.08	12.81	138.90

¹⁶ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

¹⁷ Weighted cases are a comparative measure of activity that take into account average resource intensity of the patient case mix. Cases that require more resources have a higher weighting than cases expected to require fewer resources.

¹⁸ Alternate Level of Care.

Age-Standardized Utilization Rates¹⁹ for Acute Care by Residence – MEDICAL²⁰ CASES (2006/07)

		Cases Rates			Days Rates			Weighted Cases Rates		
		Inpatient	Day Procedure	Total	Acute/Rehab	ALC	Total	Inpatient	Day Procedure	Total
Local Health Areas										
61	Greater Victoria	33.18	27.89	61.00	257.20	29.03	284.14	42.65	2.71	45.32
62	Sooke	36.39	28.06	64.41	239.46	16.77	258.83	41.08	2.79	43.92
63	Saanich	34.80	32.30	66.94	244.98	26.66	269.56	42.34	3.07	45.31
64	Gulf Islands	44.15	24.84	68.77	246.61	37.74	284.07	48.75	2.31	51.08
SOUTH		34.47	28.65	63.09	252.03	27.87	278.23	42.71	2.77	45.45
65	Cowichan	48.04	26.22	74.25	259.40	93.91	354.20	59.52	2.56	62.10
66	Lake Cowichan	51.19	21.29	71.28	371.29	54.22	426.34	66.97	2.19	68.95
67	Ladysmith	40.90	28.12	69.06	284.37	90.92	378.62	57.28	2.69	60.01
68	Nanaimo	43.48	30.23	73.74	268.30	45.02	313.32	49.57	2.77	52.34
69	Qualicum	33.32	25.06	58.37	202.08	20.01	220.97	36.23	2.42	38.63
70	Alberni	59.64	27.51	86.62	342.32	134.08	473.00	75.11	2.70	77.73
CENTRAL		43.97	27.61	71.56	262.42	60.89	323.95	52.15	2.63	54.79
71	Courtenay	43.49	33.51	76.97	232.48	64.45	297.28	49.38	3.42	52.80
72	Campbell River	46.21	32.38	78.35	298.77	191.22	477.86	69.73	3.36	73.01
84	Vancouver Island West	35.23	25.63	60.62	223.45	8.17	238.25	40.67	2.78	43.57
85	Vancouver Island North	126.14	29.65	149.41	761.81	132.33	892.72	141.77	3.12	143.26
NORTH		50.96	32.64	83.31	291.03	105.42	394.06	62.30	3.36	65.65
VIHA		40.19	28.90	69.13	260.98	48.37	309.67	48.68	2.81	51.49
BC		41.54	33.55	75.09	287.96	48.19	336.15	54.72	3.11	57.83

¹⁹ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

²⁰ Medical Cases are determined using CIHI Case Mix Grouping coding assignment, exclusive of those cases identified as Psychiatry and Maternity.

Age-Standardized Utilization Rates²¹ for Acute Care by Residence – SURGICAL²² CASES (2006/07)

		Cases Rates			Days Rates			Weighted Cases Rates		
		Inpatient	Day Procedure	Total	Acute/Rehab	ALC	Total	Inpatient	Day Procedure	Total
Local Health Areas										
61	Greater Victoria	27.90	35.89	63.90	182.64	9.72	191.91	53.31	7.61	61.01
62	Sooke	32.12	40.71	72.73	206.19	6.21	213.31	62.99	8.66	71.54
63	Saanich	27.45	39.73	67.30	165.93	5.64	170.60	50.30	8.35	58.68
64	Gulf Islands	25.83	30.53	56.64	202.68	0.04	201.47	60.16	6.31	66.86
SOUTH		28.29	37.10	65.50	183.18	7.98	190.58	54.32	7.85	62.24
65	Cowichan	30.52	42.45	73.01	175.72	17.24	193.09	56.38	9.00	65.40
66	Lake Cowichan	28.29	37.98	66.29	172.57	3.71	177.13	51.69	8.39	60.08
67	Ladysmith	32.11	45.51	77.74	166.86	13.90	181.04	57.90	10.21	68.09
68	Nanaimo	28.91	45.05	73.98	168.23	9.03	177.15	54.70	10.02	64.70
69	Qualicum	26.13	43.42	69.54	129.24	4.91	133.78	44.22	9.64	53.65
70	Alberni	37.07	47.06	84.18	214.49	7.43	222.22	66.22	9.71	75.95
CENTRAL		29.78	44.27	74.10	165.96	9.78	175.69	54.11	9.67	63.76
71	Courtenay	29.01	51.36	80.34	134.29	21.54	156.03	50.98	10.97	61.86
72	Campbell River	29.55	55.68	85.23	154.07	19.93	173.04	56.47	11.64	68.14
84	Vancouver Island West	32.84	50.07	82.87	219.55	45.93	258.18	59.19	9.85	69.02
85	Vancouver Island North	30.31	46.98	77.25	194.85	3.32	200.92	59.93	9.67	69.53
NORTH		29.37	52.39	81.74	146.97	20.30	166.75	53.64	11.05	64.68
VIHA		28.99	42.04	71.09	171.70	10.17	181.78	54.14	9.00	63.16
BC		26.08	43.03	69.11	179.95	11.87	191.82	55.56	9.58	65.14

²¹ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

²² Surgical Cases are determined using CIHI Case Mix Grouping coding assignment, exclusive of those cases identified as Psychiatry and Maternity.

Age-Standardized Utilization Rates²³ for Acute Care by Residence – PSYCHIATRY²⁴ CASES (2006/07)

		Cases Rates			Days Rates			Weighted Cases Rates		
		Inpatient	Day Procedure	Total	Acute/Rehab	ALC	Total	Inpatient	Day Procedure	Total
Local Health Areas										
61	Greater Victoria	4.93	1.28	6.22	89.82	19.50	110.23	10.86	0.09	10.95
62	Sooke	2.77	1.61	4.31	42.21	10.83	52.13	5.29	0.11	5.40
63	Saanich	3.06	0.67	3.84	61.12	2.98	63.33	6.41	0.05	6.46
64	Gulf Islands	9.28	0.00	8.76	94.38	1.58	93.03	11.00	0.00	10.98
SOUTH		4.42	1.14	5.60	77.03	13.82	91.68	9.17	0.08	9.25
65	Cowichan	5.03	0.69	5.73	63.95	7.23	71.41	8.30	0.05	8.35
66	Lake Cowichan	4.64	0.00	4.56	46.89	0.00	46.52	6.14	0.00	6.13
67	Ladysmith	4.34	0.00	4.20	65.33	4.87	70.05	7.71	0.00	7.71
68	Nanaimo	5.14	0.06	5.14	69.19	5.46	74.62	8.40	0.00	8.40
69	Qualicum	2.61	0.08	2.56	27.09	4.41	32.73	4.09	0.01	4.09
70	Alberni	5.75	0.03	5.72	57.12	4.07	61.15	8.18	0.00	8.18
CENTRAL		4.73	0.18	4.84	58.52	5.26	63.86	7.50	0.01	7.50
71	Courtenay	2.75	0.03	2.72	40.33	14.31	56.39	6.03	0.00	6.03
72	Campbell River	1.90	0.02	1.91	33.73	5.74	39.41	4.59	0.00	4.59
84	Vancouver Island West	3.97	0.00	3.96	37.70	0.00	38.04	5.77	0.00	5.77
85	Vancouver Island North	8.12	0.00	8.18	63.64	1.43	65.80	8.44	0.00	8.44
NORTH		3.06	0.02	3.04	40.42	10.27	51.07	5.77	0.00	5.77
VIHA		4.31	0.61	4.93	64.76	10.13	75.53	8.05	0.04	8.09
BC		4.75	0.53	5.29	62.52	5.17	67.70	7.71	0.04	7.75

²³ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

²⁴ Psychiatry cases are determined using a subset of Major Clinical Category 19 (Mental Diseases and Disorders) based on a combination of Case Mix Grouping and age.

Age-Standardized Utilization Rates²⁵ for Acute Care by Residence – MATERNITY²⁶ CASES (2006/07)

		Cases Rates			Days Rates			Weighted Cases Rates		
		Inpatient	Day Procedure	Total	Acute/Rehab	ALC	Total	Inpatient	Day Procedure	Total
Local Health Areas										
61	Greater Victoria	8.63	0.36	8.98	26.77	0.00	26.77	6.44	0.06	6.50
62	Sooke	12.26	0.44	12.70	36.46	0.00	36.47	9.01	0.07	9.08
63	Saanich	11.80	0.36	12.16	35.66	0.07	35.73	8.74	0.06	8.79
64	Gulf Islands	10.42	0.45	10.87	23.30	0.00	23.30	6.73	0.09	6.81
SOUTH		9.66	0.38	10.04	29.39	0.01	29.40	7.15	0.07	7.22
65	Cowichan	15.36	0.57	15.93	43.57	0.50	44.06	10.96	0.08	11.04
66	Lake Cowichan	11.41	0.40	11.81	36.38	0.00	36.38	8.98	0.05	9.03
67	Ladysmith	15.08	0.79	15.87	38.23	0.25	38.48	10.09	0.13	10.22
68	Nanaimo	10.19	0.68	10.88	24.58	0.13	24.71	6.98	0.12	7.10
69	Qualicum	11.52	0.62	12.15	27.32	0.57	27.88	7.83	0.12	7.95
70	Alberni	16.69	1.15	17.84	41.78	0.11	41.88	11.14	0.20	11.34
CENTRAL		12.71	0.71	13.42	32.56	0.27	32.83	8.77	0.12	8.89
71	Courtenay	11.19	0.39	11.58	27.85	0.02	27.87	7.43	0.07	7.50
72	Campbell River	11.64	0.65	12.30	28.61	0.09	28.70	8.64	0.12	8.76
84	Vancouver Island West	9.25	0.00	9.24	18.97	0.00	18.97	5.86	0.00	5.85
85	Vancouver Island North	19.35	0.26	19.60	47.88	0.00	47.89	12.53	0.05	12.58
NORTH		12.27	0.46	12.73	30.28	0.04	30.33	8.43	0.09	8.52
VIHA		11.00	0.50	11.50	30.52	0.09	30.61	7.85	0.09	7.94
BC		11.50	0.49	11.99	29.91	0.07	29.98	8.09	0.09	8.18

²⁵ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

²⁶ Maternity cases are all cases falling within Major Clinical Category 14 (Pregnancy and Childbirth).

Inpatient Cases Rates and *Days Rates (in italics)*²⁷ (2006/07)

		Medical	Surgical	Psychiatry	Maternity	Total
Local Health Area	Rates					
61 Greater Victoria	Cases	33.18	27.90	4.93	8.63	74.30
	<i>Days</i>	<i>284.14</i>	<i>191.91</i>	<i>110.23</i>	<i>26.77</i>	<i>602.67</i>
62 Sooke	Cases	36.39	32.12	2.77	12.26	83.57
	<i>Days</i>	<i>258.83</i>	<i>213.31</i>	<i>52.13</i>	<i>36.47</i>	<i>563.31</i>
63 Saanich	Cases	34.80	27.45	3.06	11.80	76.70
	<i>Days</i>	<i>269.56</i>	<i>170.60</i>	<i>63.33</i>	<i>35.73</i>	<i>530.25</i>
64 Gulf Islands	Cases	44.15	25.83	9.28	10.42	89.16
	<i>Days</i>	<i>284.07</i>	<i>201.47</i>	<i>93.03</i>	<i>23.30</i>	<i>595.28</i>
SOUTH	Cases	34.47	28.29	4.42	9.66	76.76
	<i>Days</i>	<i>278.23</i>	<i>190.58</i>	<i>91.68</i>	<i>29.40</i>	<i>582.52</i>
65 Cowichan	Cases	48.04	30.52	5.03	15.36	98.51
	<i>Days</i>	<i>354.20</i>	<i>193.09</i>	<i>71.41</i>	<i>44.06</i>	<i>659.17</i>
66 Lake Cowichan	Cases	51.19	28.29	4.64	11.41	95.86
	<i>Days</i>	<i>426.34</i>	<i>177.13</i>	<i>46.52</i>	<i>36.38</i>	<i>681.42</i>
67 Ladysmith	Cases	40.90	32.11	4.34	15.08	91.48
	<i>Days</i>	<i>378.62</i>	<i>181.04</i>	<i>70.05</i>	<i>38.48</i>	<i>666.45</i>
68 Nanaimo	Cases	43.48	28.91	5.14	10.19	88.09
	<i>Days</i>	<i>313.32</i>	<i>177.15</i>	<i>74.62</i>	<i>24.71</i>	<i>589.24</i>
69 Qualicum	Cases	33.32	26.13	2.61	11.52	73.32
	<i>Days</i>	<i>220.97</i>	<i>133.78</i>	<i>32.73</i>	<i>27.88</i>	<i>414.46</i>
70 Alberni	Cases	59.64	37.07	5.75	16.69	119.16
	<i>Days</i>	<i>473.00</i>	<i>222.22</i>	<i>61.15</i>	<i>41.88</i>	<i>797.34</i>
CENTRAL	Cases	43.97	29.78	4.73	12.71	91.21
	<i>Days</i>	<i>323.95</i>	<i>175.69</i>	<i>63.86</i>	<i>32.83</i>	<i>594.97</i>
71 Courtenay	Cases	43.49	29.01	2.75	11.19	87.06
	<i>Days</i>	<i>297.28</i>	<i>156.03</i>	<i>56.39</i>	<i>27.87</i>	<i>537.00</i>
72 Campbell River	Cases	46.21	29.55	1.90	11.64	89.41
	<i>Days</i>	<i>477.86</i>	<i>173.04</i>	<i>39.41</i>	<i>28.70</i>	<i>712.56</i>
84 Vancouver Island West	Cases	35.23	32.84	3.97	9.25	82.03
	<i>Days</i>	<i>238.25</i>	<i>258.18</i>	<i>38.04</i>	<i>18.97</i>	<i>560.27</i>
85 Vancouver Island North	Cases	126.14	30.31	8.12	19.35	179.81
	<i>Days</i>	<i>892.72</i>	<i>200.92</i>	<i>65.80</i>	<i>47.89</i>	<i>1145.45</i>
NORTH	Cases	50.96	29.37	3.06	12.27	95.97
	<i>Days</i>	<i>394.06</i>	<i>166.75</i>	<i>51.07</i>	<i>30.33</i>	<i>641.18</i>
VIHA	Cases	40.19	28.99	4.31	11.00	84.66
	<i>Days</i>	<i>309.67</i>	<i>181.78</i>	<i>75.53</i>	<i>30.61</i>	<i>595.08</i>
BC	Cases	41.54	26.08	4.75	11.50	83.88
	<i>Days</i>	<i>336.15</i>	<i>191.82</i>	<i>67.70</i>	<i>29.98</i>	<i>625.66</i>

²⁷ Utilization rates per 1,000 population. These rates have been age-standardized using the indirect method and 20 5-year age groups.

Population, Acute Care Case and Day Distribution Across Age Groups (2006/07)

		0-19			20-54			55-64		
		% Population	% Cases	% Days	% Population	% Cases	% Days	% Population	% Cases	% Days
Local Health Areas										
61	Greater Victoria	18%	7%	5%	53%	36%	25%	12%	15%	11%
62	Sooke	25%	12%	8%	53%	44%	33%	12%	16%	12%
63	Saanich	20%	7%	4%	41%	25%	17%	16%	16%	9%
64	Gulf Islands	16%	5%	11%	39%	26%	17%	21%	21%	12%
SOUTH		19%	8%	5%	50%	35%	24%	13%	16%	11%
65	Cowichan	25%	11%	7%	46%	36%	27%	13%	16%	16%
66	Lake Cowichan	24%	9%	7%	47%	38%	30%	15%	18%	12%
67	Ladysmith	21%	9%	8%	42%	30%	18%	16%	17%	12%
68	Nanaimo	22%	8%	5%	48%	35%	28%	13%	16%	13%
69	Qualicum	17%	5%	2%	37%	23%	19%	18%	17%	14%
70	Alberni	23%	9%	6%	48%	38%	27%	14%	16%	12%
CENTRAL		22%	8%	5%	45%	33%	26%	15%	16%	14%
71	Courtenay	22%	7%	6%	46%	31%	20%	15%	18%	13%
72	Campbell River	24%	9%	3%	49%	39%	24%	14%	18%	14%
84	Vancouver Island West	26%	14%	8%	48%	41%	38%	16%	23%	23%
85	Vancouver Island North	27%	11%	5%	51%	48%	39%	13%	17%	18%
NORTH		23%	8%	5%	47%	36%	25%	14%	18%	14%
VIHA		21%	8%	5%	48%	34%	25%	14%	16%	12%
BC		23%	8%	5%	52%	39%	30%	12%	16%	14%

		65-74			75-84			85+		
		% Population	% Cases	% Days	% Population	% Cases	% Days	% Population	% Cases	% Days
Local Health Areas										
61	Greater Victoria	7%	14%	11%	7%	18%	25%	3%	10%	23%
62	Sooke	6%	13%	15%	4%	11%	22%	1%	4%	10%
63	Saanich	10%	18%	14%	9%	23%	31%	4%	10%	24%
64	Gulf Islands	12%	19%	20%	8%	21%	24%	3%	9%	15%
SOUTH		8%	15%	13%	7%	18%	26%	3%	9%	21%
65	Cowichan	8%	17%	20%	6%	15%	19%	2%	5%	12%
66	Lake Cowichan	9%	17%	16%	5%	14%	23%	1%	4%	11%
67	Ladysmith	10%	20%	12%	7%	18%	25%	3%	7%	25%
68	Nanaimo	8%	17%	15%	6%	17%	24%	2%	6%	14%
69	Qualicum	15%	25%	21%	10%	23%	30%	3%	7%	14%
70	Alberni	8%	17%	18%	5%	14%	23%	2%	5%	14%
CENTRAL		10%	18%	17%	7%	17%	24%	2%	6%	14%
71	Courtenay	10%	21%	18%	6%	17%	23%	2%	6%	21%
72	Campbell River	7%	18%	20%	4%	13%	20%	1%	4%	19%
84	Vancouver Island West	8%	19%	20%	2%	2%	1%	0%	1%	10%
85	Vancouver Island North	6%	13%	16%	2%	9%	18%	0%	2%	4%
NORTH		8%	19%	18%	5%	14%	21%	2%	5%	17%
VIHA		8%	17%	15%	6%	17%	24%	3%	7%	18%
BC		7%	16%	16%	5%	15%	21%	2%	6%	14%

Home and Community Care Utilization (2006/07)

Health Service Delivery Areas	Home Support		Residential Care ²⁸	
	Clients	Hours	Clients	Days
SOUTH	5,276	1,390,753	4,026	965,082
CENTRAL	2,215	597,393	2,346	557,455
NORTH	999	274,413	782	183,141
VIHA	8,461	2,262,558	7,122	1,705,678
BC	33,995	8,344,456	36,561	8,792,935

Health Service Delivery Areas	Home Support		Residential Care ²⁸	
	Client Rate (Age Standardized)	Hours Rate (Age Standardized)	Client Rate (Age Standardized)	Days Rate (Age Standardized)
SOUTH	10.3	2,836.5	7.4	1,776
CENTRAL	6.9	1,933.4	7.2	1,723.5
NORTH	8.8	2,404.5	7.1	1,674.5
VIHA	8.9	2,477	7.3	1,747.3
BC	7.9	1,935.9	8.5	2,039.9

²⁸ Assisted living, mental health group, family care, and boarding homes are excluded.