

Sunshine Coast Community Foundation, Vital Signs 2014
 Indicators for **Learning, 2014**

Data in italics was included in the backup data (and in some cases the Vital Signs publication) in 2011. It is included here for context.

Post- Secondary Education

Proportion of the Population with post secondary education		
Data		2011
	SC	58.7
	BC	55.7
Source	Community Foundations of Canada, based on National Household Survey	

SD 46 students who entered a post secondary institution in BC following graduation							
Data	Year of Graduation from Grade 12	Number of Grade 12 Graduates	The number and percentage of SD 46 students who entered a post secondary institution in BC each year following graduation				
			Immediately following graduation	One year after graduation	Two years after graduation	Three years after graduation	Four years after graduation
	2005	295	94 (31.9%)	53 (18.0%)	19 (6.4%)	14 (4.7%)	8 (2.7%)
	2006	278	83 (29.9%)	42 (15.1%)	22 (7.9%)	21 (7.6%)	11(3.9%)
	2007	287	113 (39.4%)	45 (15.7%)	20 (7.0%)	11(3.9%)	
	2008	289	112 (38.8%)	43 (14.9%)	28 (9.7%)	13(4.5%)	5(1.7%)

	2009	291	123 (42.3%)	48(16.5%)	24 (8.2%)	19(6.5%)	
	2010	293	112 (38.2 %)	37(12.6%)	16 (5.5%)		
	2011	264	118(44.7%)	29(11.0%)			
	2012	238	93(39.1%)				
	<p><i>School district 46 students who graduated in 2006/07 entered 18 different post secondary institutions in BC in the three years following graduation. Of the students from this class who entered post secondary institutions in BC in that time, 33.7% attended Capilano U (not necessarily the Coast campus). The next most popular institutions were UBC at 12.4% and Thompson Rivers U at 7.3%. 47.4% of K-12 Non-Graduates who transitioned to Post Secondary institutions in BC within 3 Years of leaving K-12 entered Cap U</i></p> <p>SD 46 students who graduated in 2007/08 entered 22 different post secondary institutions in BC in the three years following graduation. Of the students from this class who entered post secondary institutions in BC in that time, 34.3 % attended Capilano U (not necessarily the Coast campus). The next most popular institutions were U Vic (12.2%), Thompson Rivers U (9.4) and BCIT (7.7)</p> <p>SD 46 students who graduated in 2009/10 entered 22 different post secondary institutions in BC in the three years post graduation. Of the students from this class who entered post secondary institutions in BC in that time, 27.9% entered Cap U, 18.8% entered U Vic and 6.7% entered BCIT. 5.5% entered each of UBC, Vancouver Island University and Thompson Rivers University.</p>						
Source	<p>Ministry of Education, District Reports for SD 46, Student Transitions to BC Public Post-Secondary Institutions, 2009/2010, 2010/11, 2012/13 http://www.bced.gov.bc.ca/reporting/district.php?mode=District&report-school-district=Sunshine+Coast+SD%23046&district-index=54</p>						

High School Completion

Proportion of the Population who have not completed high school																								
Note	<p>The percentage of adults who have not completed high school declined from 2006 to 2011. The percentage of young adults who have not completed high school declined substantially from 2006 to 2011, although it remains above the provincial average.</p> <p>The 2011 information is based on the National Household Survey. Note: Statistics Canada has noted that, due to changes in survey method and content, 2011 NHS estimates may not be directly comparable to estimates produced from the 2001 and 2006 Census long forms. Caution must be exercised when NHS estimates are compared with Census estimates, especially for estimates corresponding to small geographies.</p>																							
Data	<table border="1"> <thead> <tr> <th></th> <th colspan="2">Age 20-24</th> <th colspan="2">Age 25-64</th> </tr> <tr> <th></th> <th>2006</th> <th>2011</th> <th>2006</th> <th>2011</th> </tr> </thead> <tbody> <tr> <td>Sunshine Coast</td> <td>19.4</td> <td>10.6</td> <td>10.5</td> <td>8.5</td> </tr> <tr> <td>BC</td> <td>10.5</td> <td>8.5</td> <td>12.4</td> <td>10.1</td> </tr> </tbody> </table>					Age 20-24		Age 25-64			2006	2011	2006	2011	Sunshine Coast	19.4	10.6	10.5	8.5	BC	10.5	8.5	12.4	10.1
	Age 20-24		Age 25-64																					
	2006	2011	2006	2011																				
Sunshine Coast	19.4	10.6	10.5	8.5																				
BC	10.5	8.5	12.4	10.1																				
Source	Community Foundations of Canada, based on StatsCan Census data for 2006 and NHS data for 2011.																							

Grade 12 Graduation (Six Year Completion Rate)	
Notes	<p>The six year completion rate is the proportion of students who graduate, with a British Columbia Certificate of Graduation or British Columbia Adult Graduation Diploma, within six years from the first time they enrol in Grade 8, adjusted for migration in and out of British Columbia.</p> <p>The Six-Year Completion Rate is calculated by using the percentage of students who graduate within six years from the time they enrol in Grade 8, adjusted for migration in and out of BC. A six-year rate provides students with an extra year beyond the five years required to move through Grades 8-12.</p>
Data	

SD 46 Six Year Completion Rate

	All Students	Male Students	Female Students	Aboriginal Students
2005/06	73.7	68.5	79.7	
2006/07	73.5	70.4	76.8	
2007/08	79.1	75.2	82.8	
2008/09	76.2	71.8	80.0	47.1
2009/10	79.2	74.8	84.3	45.6
2010/11	80.1	76.7	83.5	62.6
2011/12	78.9	74.3	84.1	47.6
2012/13	79.7	77.7	81.8	60.6

BC

BC	All Students	Male	Female
2005/06	80.2	76.7	83.8
2006/07	80.1	76.7	83.8
2007/08	78.8	75.8	82.0
2008/09	79.2	76.5	82.1
2009/10	79.7	77.0	82.6
2010/11	81.0	78.7	83.4
2011/12	81.1	79.7	83.9
2012/13	83.6	81.9	85.4

Source

Ministry of Education, District Reports for SD 46 and BC, Six-Year Completion and Grade 12 Graduation Rates
 SCR D - <http://www.bced.gov.bc.ca/reporting/district.php?mode=District&report-school-district=Sunshine+Coast+SD%23046&district-index=54>
 BC - <http://www.bced.gov.bc.ca/reporting/province.php>

Composite Indices of Education

Composite Index of Education	
Data	The SCR D was the fourth best regional district in 2012 on BC Stats Composite Index of Education. This index combines statistics on Grade 4 test scores, provincial exam completion, high school graduation and post-secondary credentials.
Source	BC Stats, Composite Index of Education

Lifelong Learning

Library Use								
Data	Gibsons and District Library	2006	2007	2008	2009	2010	2011	2012
Population of service area		10,685	10,794	11,455	11,598	11,750	11,775	11,725
Circulation, all items		190,575	198,860	197,502	200,628	205,417	173,376	182,704
Circulation per capita		17.8	18.4	17.2	17.3	17.5	14.72	15.58
Circulation, children's material		38,929	37,904	34,621	38,307	39,449	35,395	36,340
Annual in person visits		<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>	<i>n.d.</i>		4,044
Virtual visits				7,176	7,960	7,960	47,316	44,740
Public access workstation sessions				8,385	9,721	8851	na	na
Total cardholders at year end		7,254	6,871	6,872	8,930	9550	6,769	7169
Active resident cardholders at year end		6,869	6,241	6,169	7,158	8519	5,499	5805

Resident cardholders as % of population served	64.3%	57.8%	53.9%	61.7%	73%	46.7	49.5%
Total Expenditure per capita	42.81	48.71	46.96	50.11	45.42	49.71	\$52.31
Sechelt Library							
	2006	2007	2008	2009	2010	2011	2012
Population of service area	14,801	15,174	15,044	15,149	15,359	15,730	16,022
Circulation, all items	173,374	187,764	206,057	242,327	212,946	202,885	191,931
Circulation per capita	11.7	12.4	13.7	16.0	13.9	12.90	11.98
Circulation, children's material	38,139	93,450	49,387	16,694	48,206	42,178	38,238
Annual in person visits	97,000	93,450	127,600	115,966	114,550	114,700	21,800
Virtual visits			9,527	10,300	10,300	53,018	51,553
Public access workstation sessions			n.d.	9,200	12,000	16,350	13,950
Total cardholders at year end	9,418	7,511	7,669	9,812	7673	7,894	8495
Active resident cardholders at year end	8,905	7,101	7,198	9,196	6378	6147	6630
Resident cardholders as % of population served	60.2%	46.8%	47.8%	60.7%	42%	39.08	41.9%
Total Expenditure per capita	38.50	40.16	43.11	45.39	40.12	36.02	\$36.34
Source	BC Public Libraries Statistics http://www.bced.gov.bc.ca/pls/reports.htm						

Volunteer Contribution to Libraries				
Notes				
Data	The total number of volunteers and the hours spent by volunteers at selected service providers are:			
	Library Volunteers			
	Sechelt Library		Gibsons Library	
	Hours worked	No. of Volunteers	Hours Worked	No of Volunteers
2007		30		34
2008		30		34
2009	3135	50	1300	20
2010	2496	33	1300	18
2011	2586	56	1300	14
2012	1916	43	1300	14
Source	Library Statistics			

Early childhood education

Vulnerability on EDI Scale	
Notes	<p>The early development instrument (EDI) is a population-based measure of school readiness of children. Vulnerability is measured on five scales:</p> <ul style="list-style-type: none"> • Physical Health and Well-being <ul style="list-style-type: none"> ○ Fine and gross motor development, level of energy, daily preparedness for school (late, hungry), washroom independence, established handedness • <input type="checkbox"/> Social Competence <ul style="list-style-type: none"> ○ Cooperation and respect for others, ability to work in school environment, appropriate behaviour, self-confidence, self-control • Emotional Maturity

	<ul style="list-style-type: none"> ○ Behaviour in play environment, prosocial behaviour, empathy, tolerance • □ Language and Cognitive Development <ul style="list-style-type: none"> ○ Interest in books, literacy skills, interest in simple math • Communication and General Knowledge <ul style="list-style-type: none"> ○ Communicating needs, participating in story-telling, interest in general knowledge of the world <p>‘Vulnerability on any EDI scale’ is the primary measure used to compare school readiness provincially. A lower score indicates greater school readiness.</p>																																										
Data	<p>The percentage of children who were vulnerable on at least one scale of development in Wave 5 (2011-2013) to 38% from 30% in Wave 4 (2009-11) although it remains less than the 2007-2009 level of 41.7%. The Human Early Learning Partnership who conduct these tests considered the increase from Wave 4 to Wave 5 to be a “critically different increase in vulnerability”, rather than “a minor difference associated with measurement variations” (EPI Mapping, Wave 5, BC School Districts). SD 46’s Wave 5 result was higher than the provincial average of 32.5% and tied for 7th worst of 57 school districts.</p> <p>In 2011-13, district wide, the largest proportion of children vulnerable was on the Physical Health and Well Being and Social Competence, both of which increased from 2009-2011 (although Physical Health and Wellbeing remained lower than its 2007-2009 level).</p> <p><i>School District 46 EDI</i></p> <table border="1" data-bbox="394 938 1646 1343"> <thead> <tr> <th></th> <th><i>2001-2004</i></th> <th><i>2004-2007</i></th> <th><i>2007-2009</i></th> <th>2009-2011</th> <th>2011-2013</th> </tr> </thead> <tbody> <tr> <td>Physical Health and Well Being</td> <td><i>10.0</i></td> <td><i>10.7</i></td> <td><i>26.2</i></td> <td>17</td> <td>22%</td> </tr> <tr> <td>Social Competence</td> <td><i>12.6</i></td> <td><i>9.8</i></td> <td><i>14.3</i></td> <td>13</td> <td>21%</td> </tr> <tr> <td>Emotional Maturity</td> <td><i>9.3</i></td> <td><i>8.3</i></td> <td><i>13.7</i></td> <td>16</td> <td>17%</td> </tr> <tr> <td>Language and Cognitive Skills</td> <td><i>10.4</i></td> <td><i>12.3</i></td> <td><i>19.0</i></td> <td>8</td> <td>7%</td> </tr> <tr> <td>Communication Skills</td> <td><i>3.3</i></td> <td><i>10.2</i></td> <td><i>16.1</i></td> <td>13</td> <td>11%</td> </tr> <tr> <td>Vulnerable on One or More Skills</td> <td><i>26.3</i></td> <td><i>22.9</i></td> <td><i>41.7</i></td> <td>30</td> <td>38%</td> </tr> </tbody> </table>		<i>2001-2004</i>	<i>2004-2007</i>	<i>2007-2009</i>	2009-2011	2011-2013	Physical Health and Well Being	<i>10.0</i>	<i>10.7</i>	<i>26.2</i>	17	22%	Social Competence	<i>12.6</i>	<i>9.8</i>	<i>14.3</i>	13	21%	Emotional Maturity	<i>9.3</i>	<i>8.3</i>	<i>13.7</i>	16	17%	Language and Cognitive Skills	<i>10.4</i>	<i>12.3</i>	<i>19.0</i>	8	7%	Communication Skills	<i>3.3</i>	<i>10.2</i>	<i>16.1</i>	13	11%	Vulnerable on One or More Skills	<i>26.3</i>	<i>22.9</i>	<i>41.7</i>	30	38%
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BC EDI Score					
	2001-2004	2004-2007	2007-2009	2009/2011	2011-2013
Physical Health and Well Being	9.6	11.8	11.7	13.4	15.7%
Social Competence	11.3	13.0	12.7	14.5	15.6%
Emotional Maturity	10.9	11.7	12.4	13.8	14.9%
Language and Cognitive Skills	11.0	11.1	10.1	10.3	9%
Communication Skills	10.5	14.0	13.2	13.6	13.7%
Vulnerable on One or More Skills	26.1	29.6	28.7	30.9	32.5%
Source	<i>VCH Early Childhood Profile, 2009.</i> <i>EDI Community Profile, School District 46, EDI Mapping and Community Summary,</i> http://earlylearning.ubc.ca/edi/				

Middle Years Development Instrument	
Note	<p>The Middle Years Development Instrument (MDI) is a survey administered by the Human Early Learning Partnership. It asks children to report on five dimensions that are critical components of development. These dimensions are strongly linked to well-being, health, academic achievement, and success throughout the school years and in later life:</p> <ul style="list-style-type: none"> •Social and Emotional Development •Physical Health and Well-Being •Connectedness to Adults and Peers •School Experiences •Use of After-School Time

The survey is administered to children in grade 4.

The MDI Well-Being Index

The Well-Being Index is a composite score of 5 subscales:

1. Optimism
2. Happiness
3. Self Esteem
4. General Health
5. Absence of Sadness

Scores are categorized into three categories : ‘thriving’, ‘medium to high well-being’, or ‘low well-being’. Children who score high on at least 4 of the 5 dimensions of well-being are considered to be thriving.

MDI Assets

MDI explores the the presence of four key assets in children’s lives:

1. Supportive relationships with adults
2. Supportive relationships with peers
3. Enriching after-school activities
4. Proper nutrition and sleep

Relationship between Assets and Well-Being

Resiliency research shows that assets are qualities in children’s lives that promote positive development.

This aligns with one of the key findings of the MDI — children’s health and well-being is directly related to the presence of assets they perceive in their lives (Figure 3). As the number of assets increase, children are more likely to be experiencing well-being.

Data	SD 46, Grade 4 – MDI Well Being Index		
		2013	2014
	Thriving	53%	54%
	Medium to High Well Being	18%	21%
	Low Well Being	29%	25%
	Assets - % of children reporting each asset		
		2013	2014
	Adult Relationships	89%	79%
	Peer Relationships	86%	85%
	After School Activities	79%	81%
Nutrition and Sleep	69%	72%	
Source	Human Early Learning Partnership, UBC, Sunshine Coast (SD 46) MDI Grade 4 Report, School District and Community Data, 2013-2014 and 2012-2013		

School District 46

The number and Experience of Teachers and Administrators in SD 46	
Note	<p>The number of teachers and administrators has declined slightly less than the student headcount for SD 46. The headcount in 2013/14 was 80% of the headcount in 2006/07. The # of FTE positions in 2013/14 was 88% of the # of FTE positions in 2006/07.</p> <p>The number of years of experience of teachers and administrators has remained roughly constant.</p>

School Year	Full-Time Count			Part-Time Count		
	All	Female	Male	All	Female	Male
	(#)	(#)	(#)	(#)	(#)	(#)
2006/07	171	100	71	97	75	22
2007/08	168	100	68	91	72	19
2008/09	162	97	65	94	75	19
2009/10	156	93	63	94	73	21
2010/11	144	84	60	104	85	19
2011/12	147	85	62	100	80	20
2012/13	143	86	57	93	73	20
2013/14	150	95	55	87	67	20

School Year	All (FTE)	Female (FTE)	Male (FTE)
2006/07	232.8	146.0	86.8
2007/08	225.6	144.3	81.3
2008/09	218.1	139.7	78.3
2009/10	215.9	137.7	78.2
2010/11	208.2	135.2	73.0
2011/12	211.8	135.8	76
2012/13	202.1	131.7	70.5
2013/14	206.7	137.9	68.8

Average Years of Experience	
School Year	Years
2006/07	15.1
2007/08	14.9
2008/09	15.2
2009/10	15.9
2010/11	15.6
2011/12	15.6
2012/13	15.6
2013/14	14.8

Source Ministry of Education, Teacher Statistics, 2010/11 and 2012/13

Class Size																															
Data	<p>2010/11</p> <table border="1"> <thead> <tr> <th></th> <th>Kindergarten</th> <th>Grade 1-3</th> <th>Grade 4-7</th> <th>Grade 8-12</th> </tr> </thead> <tbody> <tr> <td>SD 46</td> <td>17.9</td> <td>20.5</td> <td>23.5</td> <td>24.6</td> </tr> <tr> <td>BC</td> <td>18.3</td> <td>20.7</td> <td>25.9</td> <td>25.1</td> </tr> </tbody> </table> <p><i>Four of 401 classes had more than 30 students. 87 classes had assigned education assistants.</i></p> <p>2013/14:</p> <table border="1"> <thead> <tr> <th></th> <th>Kindergarten</th> <th>Grade 1-3</th> <th>Grade 4-7</th> <th>Grade 8-12</th> </tr> </thead> <tbody> <tr> <td>SD 46</td> <td>19</td> <td>21</td> <td>23.3</td> <td>22.7</td> </tr> <tr> <td>BC</td> <td>19.3</td> <td>21.5</td> <td>25.7</td> <td>23</td> </tr> </tbody> </table> <p>Five of 365 classes had more than 30 students. All five were in high school. 158 classes had assigned educational assistants.</p>		Kindergarten	Grade 1-3	Grade 4-7	Grade 8-12	SD 46	17.9	20.5	23.5	24.6	BC	18.3	20.7	25.9	25.1		Kindergarten	Grade 1-3	Grade 4-7	Grade 8-12	SD 46	19	21	23.3	22.7	BC	19.3	21.5	25.7	23
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Source	BC Ministry of Education, Overview of Class Size and Composition in British Columbia Public Schools 2010/11 and 2013/4																														

School District 46 Students Headcount and Students in Programs										
Data	Headcount									
		All students	Male	Female	Aboriginal	ELL*	Adult	Distributed Learning Program	Alternative School	Non Resident
	2006/07	3811	1909	1902	565	153	51	21	221	
	2007/08	3687	1854	1833	565	151	49	35	221	
	2008/09	3519	1766	1753	541	154	33	42	199	
	2009/10	3392	1695	1697	582	126	60	22	249	9
	2010/11	3299	1647	1652	584	106	34	91	199	12
	2011/12	3215	1615	1600	585	117	61	87	194	12
	2012/13	3142	1599	1543	574	101	79	128	186	13
	2013/14	3059	1558	1501	574	117	30	69**	165	14
*ELL is English Language Learner										
** the definition of distributed learner changed for 2013/14										
District Students Enrolled in Programs (In Any District)										
	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14		
Aboriginal Students in Aboriginal Programs	471	472	465	463	452	488	481	532		
ESL	153	151	154	126	106	117	101	117		
Distributed Learning	59	120	96	70	153	151	232	125		
Core French (as opposed to French Immersion)	1478	1420	1355	1232	1163	1157	1164	989		
Source 2011 and 2014	Ministry of Education, District Reports for SD 46, Student Statistics									

Scholarships and Awards						
Data	Provincial Scholarships and Awards to SD 46 Students					
		Grade 12 Exam Scholarships	Dogwood District / Authority Awards	Passport to Education		
				Grade 10	Grade 11	Grade 12
	2007/08	10	18	57	61	55
	2008/09	6	19	50	62	57
	2009/10	7	16	51	53	56
	2010/11	2	15	53	47	50
	2011/12	26	12	52	54	40
	SD 46 Scholarships and Bursaries					
	June 2011 - \$164,700 given out plus 1 x 4 year tuition (219 students and 132 bursaries and scholarships)					
	June 2012 - \$216,860 given out plus 1 x 4 year tuition (279 students and 155 bursaries and scholarships)					
	June 2013 - \$214,835 given out plus 1 x 4 year tuition (271 students and 151 bursaries and scholarships)					
	June 2014 - \$216,742 given out plus 1 x 4 year tuition (278 students and 154 bursaries and scholarships)					
Source	BC Ministry of Education, District Reports for SD 46, Scholarships and Awards – 2011/12; SD 46 provided information on its scholarships and awards					

Grade 10 and 12 Provincial Required Exams					
Data	% of Students with a C- or better or a C+ or better				
	English 10 Exam				
	Year	C- (pass) or Better		C+ (good) or Better	
		SD 46	BC	SD 46	BC
	2005/06	93	94	64	68
	2006/07	93	93	66	65
	2007/08	88	92	61	67
	2008/09	93	92	65	65
	2009/10	88	91	56	62
	2010/11	92	90	68	62
	2011/12	85	91	64	65
	2012/13	92	93	59	70
	Science 10 Exam				
	Year	C- (pass) or Better		C+ (good) or Better	
		SD 46	BC	SD 46	BC
	2005/06	71	79	30	41
	2006/07	70	76	25	38
	2007/08	81	88	39	48
	2008/09	94	94	51	60
	2009/10	95	95	46	57
2010/11	92	90	54	55	
2011/12	88	91	50	56	
2012/13	91	92	54	60	

Math 10, Foundations of and Precalculus Exam (new course in 2010)				
Year	C- (pass) or Better		C+ (good) or Better	
	SD 46	BC	SD 46	BC
2010/11	83	85	50	58
2011/12	82	84	53	58
2012/13	84	83	48	58

Math 10, Apprenticeship and Workplace				
Year	C- (pass) or Better		C+ (good) or Better	
	SD 46	BC	SD 46	BC
2010/11	85	73	8	16
2011/12	76	72	20	17
2012/13	82	71	21	17

English 12				
Year	C- (pass) or Better		C+ (good) or Better	
	SD 46	BC	SD 46	BC
2008/09	90	90	53	52
2009/10	92	91	55	58
2010/11	95	92	64	60
2011/12	94	91	58	60
2012/13	96	92	65	63

Source

Ministry of Education, District Reports for SD 46, Provincial Required Examinations