

B.C. FOREST SECTOR DATA AND STATS 2017

All data compiled by BC Stats. Last updated: April, 2017. If you have questions or concerns about this data, please contact sean.terrillon@bcfii.ca.

Table 1: Harvest Volume in Cubic Metres by Ownership

Land Ownership	2012	2013	2014	2015	2016
Coast Total	17,777,001	20,223,892	19,282,262	17,791,230	18,315,551
<i>Crown</i>	13,629,302	15,104,085	13,871,006	13,076,911	13,225,408
<i>Federal</i>	10,264	4,588	4,559	11,735	28,412
<i>Private</i>	4,137,436	5,115,219	5,406,698	4,702,584	5,061,731
Interior Total	49,500,789	50,681,649	47,031,572	50,735,482	47,687,015
<i>Crown</i>	48,497,489	49,448,719	45,310,765	48,757,654	45,754,854
<i>Federal</i>	14,269	11,921	21,111	8,049	5,118
<i>Private</i>	989,032	1,221,009	1,699,696	1,969,779	1,927,043
Total	67,277,790	70,905,541	66,313,834	68,526,712	66,002,566

Excludes waste, reject and Christmas trees

Source: Revenue Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 2: Harvest Volume in Cubic Metres by Wood Type

Wood Type	2012	2013	2014	2015	2016
Coast Total	17,777,001	20,223,892	19,282,262	17,791,230	18,315,551
<i>Deciduous (Hardwood)</i>	128,768	157,308	176,591	220,100	159,256
<i>Coniferous (Softwood)</i>	17,648,233	20,066,584	19,105,672	17,571,130	18,156,295
Interior Total	49,500,789	50,681,649	47,031,572	50,735,482	47,687,015
<i>Deciduous (Hardwood)</i>	1,265,174	1,246,683	1,314,261	1,685,108	1,397,288
<i>Coniferous (Softwood)</i>	48,235,615	49,434,967	45,717,310	49,050,374	46,289,727
Total	67,277,790	70,905,541	66,313,834	68,526,712	66,002,566

Excludes waste, reject and Christmas trees

Source: Revenue Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 3: Area Planted by Forest Region in Hectares, 2015/2016

Land Type	Coast	Northern Interior	Southern Interior	Total
Crown Land	17,851	78,121	74,829	170,801
Private Land	50	0	5	55
Total	17,901	78,121	74,834	170,856

Source: Forest Practises Branch, Ministry of Forests, Lands and Natural Resource Operations



Table 4: Seedlings Planted by Forest Region in Thousands, 2015/2016

Land Type	Coast	Northern Interior	Southern Interior	Total
Crown Land	17,379	110,884	94,150	222,413
Private Land	34	0	3	37
Total	17,413	110,884	94,153	222,450

Source: Forest Practises Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 5: Area Defoliated by Pests and Other Disturbances in Hectares, 2016

Area	Mountain Pine Beetle	Other Bark Beetle	Defoliator Pests	Diseases and Other Disturbances	Total
South Coast	1,273	29,555	274	2,858	33,960
West Coast	659	48,123	3,037	49,109	100,928
Cariboo	4,298	171,907	307,502	38,634	522,341
Thompson/Okanagan	12,530	265,291	56,366	7,308	341,495
Kootenay/Boundary	38,465	89,948	40,870	4,665	183,279
Skeena	8,217	1,152,663	365,977	95,462	1,622,318
Omineca	76,176	1,640,897	651,437	19,243	2,387,754
Northeast	36,088	237,488	232,023	171,690	677,288
Total	177,706	3,635,871	1,657,486	388,969	5,860,033

Source: Ministry of Forests, Lands and Natural Resource Operations

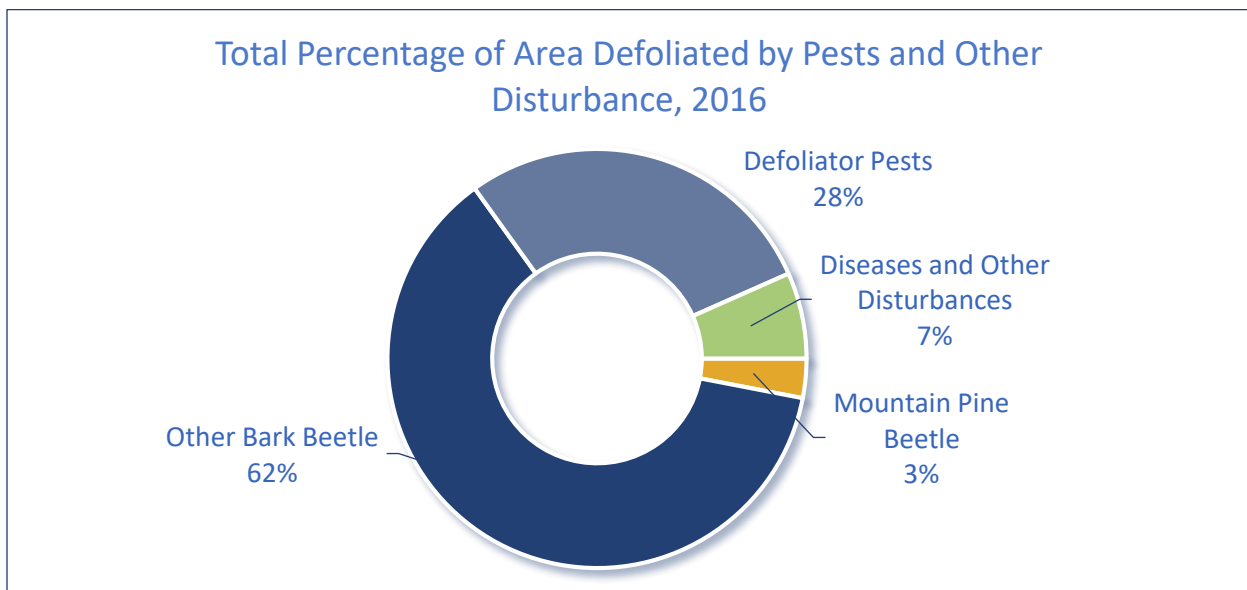




Table 6: Number of Forest Fires and Area Burned in Hectares

Year	Total Fires	Hectares Burned	People-Caused	Lightning-Caused
2006	2,570	139,265	1,034	1,536
2007	1,606	29,440	687	919
2008	2,023	13,240	848	1,175
2009	3,064	247,419	881	2,183
2010	1,672	337,149	680	992
2011	653	12,604	444	209
2012	1,649	102,122	708	942
2013	1,861	18,298	564	1,297
2014	1,481	369,168	664	817
2015	1,858	280,605	617	1,237
2016	1,050	100,366	564	486

Source: Wildfire Management Branch, BC Forest Service

Table 7: Timber Supply Forecast in Millions of Cubic Metres

2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
70.17	70.03	69.10	68.89	65.85	66.13	65.21	65.15	57.97	55.74
2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
56.39	56.35	56.26	56.21	55.90	55.81	55.67	55.45	55.43	55.43

Includes TSAs and TFLs only; wood from private lands and from other tenures such as Community Forest Agreements, First Nation Woodland Licences or Woodlot Licences is excluded

Source: Forest Analysis & Inventory Branch, Ministry of Forests, Lands and Natural Resource Operations

Table 8: Value of Manufacturing Shipments in Millions of Current Dollars

Industry	2012	2013	2014	2015	2016
Sawmills and Wood Preservation	4,287.5	5,544.7	5,602.6	5,535.6	6,096.9
<i>Sawmills (except shingle and shake mills)</i>	3,822.4	4,982.6	5,033.7	4,944.9	5,534.5
Veneer, plywood and engineered wood	1,112.7	1,369.6	1,504.8	1,652.5	1,711.6
Other wood products	1,123.9	1,181.9	1,356.5	1,449.9	1,735.1
Pulp & Paper Products	4,442.1	4,163.0	4,534.8	4,823.3	4,244.8
<i>Pulp</i>	2,487.9	2,337.9	2,636.6	2,592.9	2,395.2
<i>Paper, Newsprint and Paperboard</i>	1,653.2	1,536.5	1,603.3	1,908.6	1,504.4
<i>Converted Paper Products</i>	301.0	288.7	294.8	321.8	345.3
Total	10,966	12,259	12,999	13,461	13,788

Source: Statistics Canada



Table 9: Softwood Lumber Production by Species in Thousands of Cubic Metres, 2016

Species	Coast	Northern Interior	Southern Interior	Interior Total	B.C. Total
Douglas Fir and Western Larch	583	0	1,753	1,753	2,336
Western Red Cedar	X	0	X	X	X
Yellow Cedar	X	0	0	0	X
Western Hemlock and Amabilis Fir	X	0	X	X	X
Sitka Spruce	X	0	0	0	X
Spruce, Pine and Fir	X	15,137	X	X	26,040
Other softwoods	0	0	X	X	X
Total softwoods	3,776	15,137	13,084	28,221	31,997

X – Suppressed to meet confidentiality requirements
Source: Statistics Canada

Table 10: Pulp and Paper Production in Thousands of Tonnes

Industry	2010	2011	2012	2013	2014	2015	2016
Pulp	4,262	4,502	4,444	4,172	4,294	4,320	4,223
Newsprint	397	365	411	421	487	418	325
Other paper and paperboard	1,221	1,187	1,033	998	945	833	818
Total	5,880	6,054	5,888	5,591	5,726	5,571	5,366

Source: Pulp and Paper Products Council

Table 11: Forest Sector Gross and Total BC Domestic Product in Millions of Chained 2007 Dollars

Industry	2011	2012	2013	2014	2015	2016
Forestry and Logging	1,787.6	1,833.4	1,981.7	1,763.8	1,907.3	1,892.7
Support Activities for Forestry	586.8	577.3	566.0	581.6	662.0	690.8
Wood Product Manufacturing	2,773.5	2,971.0	3,201.9	3,377.1	3,540.7	3,753.0
Pulp, paper and paperboard mills	1,179.2	1,053.9	889.3	984.3	987.7	886.7
Converted paper product mfg.	95.3	106.9	193.6	186.2	196.0	198.8
Total BC GDP	188,788.9	193,667.2	198,223.8	204,555.0	210,909.8	218,755.1

Source: Statistics Canada



Table 12: Forest Sector Gross Domestic Product as a Percent of Total GDP

Industry	2011	2012	2013	2014	2015	2016
Forestry and Logging	0.9%	0.9%	1.0%	0.9%	0.9%	0.9%
Support Activities for Forestry	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Wood Product Manufacturing	1.5%	1.5%	1.6%	1.7%	1.7%	1.7%
Pulp, paper and paperboard mills	0.6%	0.5%	0.4%	0.5%	0.5%	0.4%
Converted paper product mfg.	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Sub-total	3.4%	3.4%	3.4%	3.4%	3.5%	3.4%

Source: Statistics Canada

Table 13: Forest Sector Exports in Millions of Current Dollars

Commodity	2012	2013	2014	2015	2016
Wood Products	6,174.7	7,746.0	8,101.5	8,405.8	10,018.3
Pulp and Paper Products	3,984.8	3,908.4	4,265.6	4,366.1	3,935.7
Sub-Total	10,159.5	11,654.4	12,397.2	12,876.3	12,876.3
Total B.C. Exports	31,484.0	33,421.5	35,832.5	35,919.7	39,011.0

Source: Statistics Canada

Table 14: Pulp and Paper Product Exports by Destination, 2016

Destination Country	Pulp (\$millions)	Pulp (metric kilotonnes air dry)	Paper & Paperboard (\$millions)	Paper & Paperboard (metric kilotonnes)	Other Pulp & Paper Products (\$millions)*
China & Hong Kong	1,813.7	2,566.7	40.6	48.6	61.9
United States	371.4	422.0	508.0	580.0	119.1
Japan	160.7	213.6	1.7	2.2	0.1
Indonesia	225.8	288.6	0.3	0.2	0.0
South Korea	134.8	203.8	0.4	0.4	5.5
European Union	96.1	101.4	10.5	7.9	0.4
Other	196.0	275.4	184.4	228.8	4.5
Total	2,998.5	4,071.6	745.8	868.1	191.5

* No volume information available

Source: Statistics Canada



Table 15: Value-added wood product exports by destination in thousands of current dollars, 2016

Product	US	Japan	EU	Total
Moulding	7,345.4	1.3	0.0	7,403.6
Siding	75,731.2	2,757.9	305.9	79,952.7
Flooring	73.3	0.0	67.9	141.2
Other Wood Continuously Shaped	51,750.4	3,777.1	448.1	56,536.2
Shakes and Shingles	209,990.5	31.0	12,947.3	230,425.7
Roof Trusses	2,944.9	0.0	0.0	2,944.9
Windows	6,326.9	77.1	0.0	6,437.8
Doors	51,849.7	191.3	0.0	52,186.7
Laminated Beams and Arches	515.1	2,866.6	0.0	3,474.9
Prefabricated Partitions	26,424.4	488.4	62.8	27,348.9
Other Builders' Joinery	106,882.8	2,957.1	4,118.1	115,041.4
Wooden Seats	8,915.4	0.0	0.0	9,044.5
Office Furniture	2,111.1	0.0	145.0	2,340.0
Kitchen Furniture	31,805.1	169.1	0.3	32,443.2
Bedroom Furniture	35,641.9	0.0	18.9	35,750.1
Other Furniture	39,870.2	47.7	466.7	40,584.9
Articles Made of Wood	133,992.9	15.5	182.4	134,564.3
Prefabricated Buildings	30,772.3	7,961.4	3,240.9	44,087.2
Total Value-Added Wood Products	822,943.3	21,341.5	22,004.3	880,708.2

Source: Statistics Canada

Table 16: B.C. Commodity Wood Product Exports (Softwood Lumber and Panel Products), Cubic Metres

Commodity	2012	2013	2014	2015	2016
China and Hong Kong	7,518,481	8,006,918	7,641,172	6,709,755	6,069,543
European Union	211,686	202,583	197,418	164,873	165,996
India	52,820	47,959	23,124	35,320	20,308
Japan	2,577,244	2,832,291	2,429,880	2,402,696	2,335,321
South Korea	334,221	261,265	278,300	310,175	288,858
United States	13,811,947	14,979,563	15,638,616	17,004,646	21,269,112
Total All Destinations	25,732,526	27,549,517	27,362,901	27,981,905	31,371,538

Source: Statistics Canada



Table 17: Forest Sector Business Location Counts by Employee Class, 2016

Industry	No Employees	1-49 Employees	50+ Employees	Total
Logging and Silviculture	3,161	2,351	78	5,590
Wood Manufacturing	615	661	141	1,417
Pulp and Paper Manufacturing	34	25	27	86
All Forest Sector Industries	3,810	3,037	246	7,093

Source: Statistics Canada

Table 18: B.C. Forest Sector Employment, 2006 Census

Industry	Direct	Indirect	Induced	Total
Logging	30,095	7,884	12,886	50,865
Pulp and Paper	14,815	9,461	10,188	34,464
Other Wood Mfg.	50,516	15,559	21,867	87,942
Total Forest	95,426	32,904	44,941	173,271
Total BC (All Industries)	1,343,274	227,086	675,245	2,245,605
Percent of Provincial Employment				
Logging	2.2%	3.5%	1.9%	2.3%
Pulp and Paper	1.1%	4.2%	1.5%	1.5%
Other Wood Mfg.	3.8%	6.9%	3.2%	3.9%
Total Forest	7.1%	14.5%	6.7%	7.7%

Source: BC Stats using data provided by Statistics Canada

Table 19: Employment in the Forest Sector (Labour Force Survey)

Industry	2012	2013	2014	2015	2016
Forestry and Logging	16,200	17,600	19,200	19,400	19,400
Paper Manufacturing	11,400	10,500	12,200	10,100	8,500
Wood Product Manufacturing	29,200	30,200	33,700	36,000	32,000
Total	56,800	58,300	65,100	65,500	59,900

Source: Statistics Canada



Table 20: Employment in the Forest Sector (Survey of Employment, Payrolls and Hours*)

Industry	2012	2013	2014	2015	2016
Forestry and Logging	14,988	15,299	16,101	16,999	16,937
Paper Manufacturing	7,788	7,874	8,246	8,417	7,837
Wood Product Manufacturing	24,679	25,414	26,320	26,377	26,943
Total	47,455	48,587	50,667	51,793	51,717

*Survey of Employment, Payrolls and Hours (SEPH) is an employer survey, so self-employed are excluded from these numbers.
Source: Statistics Canada

Table 21: Wages and Salaries in the Forest Sector in Millions of Current Dollars (Survey of Employment, Payrolls and Hours*)

Industry	2012	2013	2014	2015	2016
Forestry and Logging	868.1	937.7	959.4	1,086.4	1,088.0
Paper Manufacturing	588.3	586.5	578.9	705.8	649.1
Wood Product Manufacturing	1,371.4	1,391.3	1,461.6	1,543.7	1,663.2
Total	2,827.8	2,915.5	2,999.9	3,335.9	3,400.3

*Survey of Employment, Payrolls and Hours (SEPH) is an employer survey, so self-employed are excluded from these numbers.
Source: Statistics Canada

Table 22: Capital Expenditures in the Forest Sector in Millions of Current Dollars

Expenditure Type	Industry	2013	2014	2015	2016	2017*
Total Capital expenditures	Forestry and logging	143.9	212.1	197.9	126.5	147.8
	Wood product mfg.	289.6	517.8	579.5	389.1	470.2
	Paper manufacturing	83.8	185.8	171.4	152.5	184.0
Construction	Forestry and logging	33.1	72.0	56.0	47.9	71.4
	Wood product mfg.	123.9	107.3	105.3	44.9	45.5
	Paper manufacturing	x	14.9	20.9	10.4	16.8
Machinery and equipment	Forestry and logging	110.7	140.1	141.8	78.5	76.4
	Wood product mfg.	165.6	410.5	474.2	344.2	424.7
	Paper manufacturing	x	170.9	150.5	142.1	167.1

* Intentions. x Suppressed to meet confidentiality requirements
Source: Statistics Canada



Table 23: Natural Resource Revenue from Forests (i.e. Revenue to Provincial Government)

2016/17	2017/18
\$859 million	\$852 million

Source: Ministry of Finance, Budget Estimates

ADDITIONAL RESOURCES:

- www.bcfii.ca
- www.naturallywood.com
- [B.C.'s forest economy: softwood lumber, FLNRO, 2017](#)
- [Government support for forestry-dependent communities; FLNRO, 2017](#)
- [B.C.'s forest sector: helping drive the provincial economy; FLNRO, 2017](#)
- [Investment summary: mountain pine beetle mitigation, FLNRO, 2017](#)
- [Reforestation in B.C., FLNRO, 2017](#)
- [Strong Past, Bright Future: A Competitiveness Agenda for British Columbia's Forest Sector, FLNRO, 2016](#)
- [naturally:wood factsheet: Forest Certification in British Columbia; naturally:wood, 2016](#)
- [Forest Industry Economics; the Province of British Columbia, 2016](#)

ABOUT FORESTRY INNOVATION INVESTMENT:

In 2003, the Government of B.C. established Forestry Innovation Investment (FII) to work with industry and the federal government to help maintain, create and diversify markets for B.C. forest products. FII works with and supports the forest sector to bring advanced wood products and technologies to market; promote B.C. products and forest management practices to the global marketplace; and leverage resources to ensure the forest sector continues to be a key contributor to the B.C. economy. For more information visit www.bcfii.ca.