

2018 FII KEY FOREST SECTOR DATA AND STATS

All data compiled by BC Stats. Last updated: May, 2018. 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	2013	2014	2015	2016	2017
Coast Total	20,223,892	19,282,262	17,791,230	18,315,551	16,617,401
<i>Crown</i>	15,104,085	13,871,006	13,076,911	13,225,408	11,598,127
<i>Federal</i>	4,588	4,559	11,735	28,412	3,849
<i>Private</i>	5,115,219	5,406,698	4,702,584	5,061,731	5,015,425
Interior Total	50,681,649	47,031,572	50,735,482	47,687,015	47,674,439
<i>Crown</i>	49,448,719	45,310,765	48,757,654	45,754,854	45,459,666
<i>Federal</i>	11,921	21,111	8,049	5,118	7,485
<i>Private</i>	1,221,009	1,699,696	1,969,779	1,927,043	2,207,288
Total	70,905,541	66,313,834	68,526,712	66,002,566	64,291,840

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	2013	2014	2015	2016	2017
Coast Total	20,223,892	19,282,262	17,791,230	18,315,551	16,617,401
<i>Deciduous (Hardwood)</i>	157,308	176,591	220,100	159,256	213,712
<i>Coniferous (Softwood)</i>	20,066,584	19,105,672	17,571,130	18,156,295	16,403,689
Interior Total	50,681,649	47,031,572	50,735,482	47,687,015	47,674,439
<i>Deciduous (Hardwood)</i>	1,246,683	1,314,261	1,685,108	1,397,288	1,462,193
<i>Coniferous (Softwood)</i>	49,434,967	45,717,310	49,050,374	46,289,727	46,212,246
Total	70,905,541	66,313,834	68,526,712	66,002,566	64,291,840

Excludes waste, reject and Christmas trees

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

Table 3: Area Planted by Region in Hectares, 2016/2017

Natural Resource Region	Crown Land	Private Land	Total
Cariboo	26,880	0	26,880
Kootenay-Boundary	19,276	0	19,276
Northeast	9,700	0	9,700
Omineca	48,699	0	48,699
Skeena	19,702	0	19,702
South Coast	4,444	0	4,444
Thompson-Okanagan	36,969	0	36,969
West Coast	11,881	22	11,903
Total	177,551	22	177,573

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

Table 4: Seedlings Planted by Region in Thousands, 2016/2017

Natural Resource Region	Crown Land	Private Land	Total
Cariboo	34,840	0	34,840
Kootenay-Boundary	24,151	0	24,151
Northeast	14,505	0	14,505
Omineca	68,863	0	68,863
Skeena	28,756	0	28,756
South Coast	4,428	0	4,428
Thompson-Okanagan	47,868	0	47,868
West Coast	11,122	19	11,141
Total	234,533	19	234,552

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

Table 5: Area Defoliated by Pests and Other Disturbances in Hectares, 2017

Area	Mountain Pine Beetle	Other Bark Beetle	Defoliator Pests	Diseases and Other Disturbances	Total
Great Bear Rainforest	1,317	48,547	980	68,833	119,677
South Coast	1,391	16,565	13	3,382	21,351
West Coast	96	2,334	233	5,321	7,985
Cariboo	7,718	178,340	57,264	1,025,820	1,269,143
Thompson/Okanagan	6,903	138,315	40,259	181,975	367,452
Kootenay/Boundary	11,371	35,732	21,007	116,868	184,978
Skeena	12,492	1,553,309	433,336	25,032	2,024,169
Omineca	53,511	2,019,170	404,521	59,789	2,536,990
Northeast	24,290	331,235	23,293	87,302	466,120
Total	119,089	4,323,547	980,906	1,574,322	6,997,864

Source: Ministry of Forests, Lands and Natural Resource Operations

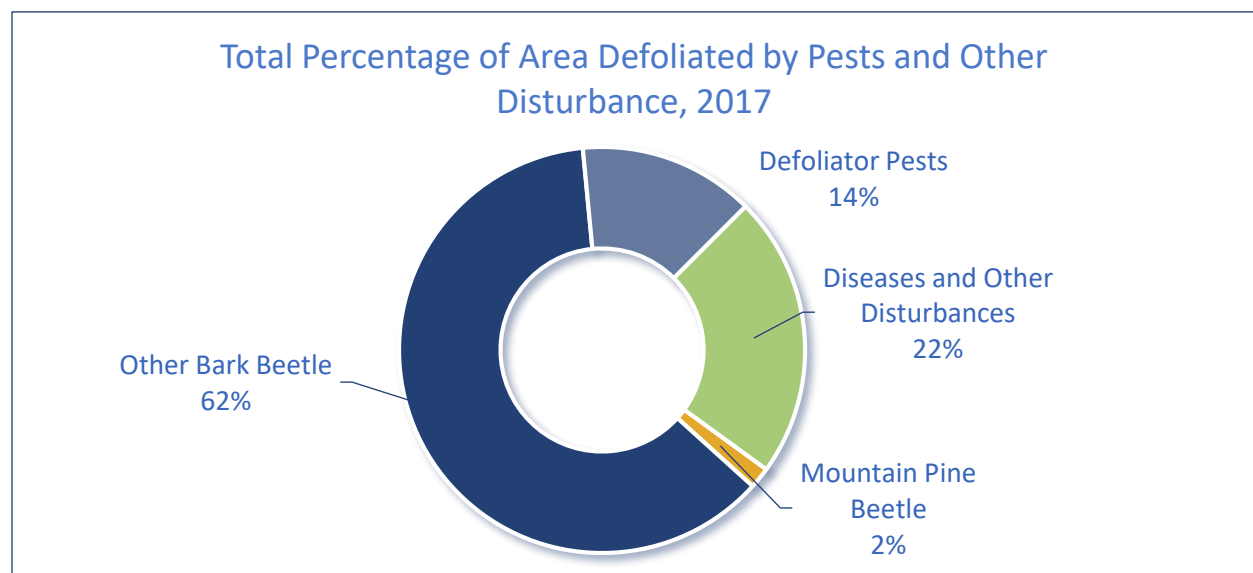


Table 6: Number of Forest Fires and Area Burned in Hectares

Year	Total Fires	Hectares Burned	People-Caused	Lightning-Caused
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
2017	1,353	1,216,053	552	773

Source: Wildfire Management Branch, BC Forest Service

Table 7: Timber Supply Forecast in Millions of Cubic Metres

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
70.03	69.10	68.89	65.85	66.13	65.21	65.15	57.97	55.74	56.39
2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
56.35	56.26	56.21	55.90	55.81	55.67	55.45	55.43	55.43	55.26

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	2013	2014	2015	2016	2017
Sawmills and Wood Preservation	5,544.7	6,312.6	6,315.6	6,868.0	7,473.8
<i>Sawmills (except shingle and shake mills)</i>	4,982.6	5,743.7	5,724.9	6,297.5	6,840.3
Veneer, plywood and engineered wood	1,369.6	1,504.8	1,652.5	1,706.4	1,950.4
Other wood products	1,181.9	1,356.5	1,449.9	1,750.3	1,854.9
Pulp & Paper Products	4,163.0	4,534.8	4,589.7	4,245.8	4,650.6
<i>Pulp</i>	2,337.9	2,636.6	2,592.8	2,397.8	2,755.5
<i>Paper, Newsprint and Paperboard</i>	1,536.5	1,603.3	1,675.8	1,505.1	1,520.3
<i>Converted Paper Products</i>	288.7	294.8	321.1	342.9	374.8
Total	12,259	13,709	14,008	14,570	15,930

Source: Statistics Canada

Table 9: Softwood Lumber Production by Species in Thousands of Cubic Metres, 2017

Species	Coast	Northern Interior	Southern Interior	Interior Total	B.C. Total
Douglas Fir and Western Larch	X	0	1,770	1,770	X
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	15,044	X	X	25,125
Other softwoods	0	0	0	0	0
Total softwoods	3,286	15,044	12,228	27,272	30,558

X – Suppressed to meet confidentiality requirements

Source: Statistics Canada

Table 10: Pulp and Paper Production in Thousands of Tonnes

Industry	2011	2012	2013	2014	2015	2016	2017
Pulp	4,502	4,444	4,172	4,294	4,320	4,223	4,215
Newsprint	365	411	421	487	418	325	321
Other paper and paperboard	1,187	1,033	998	945	833	818	788
Total	6,054	5,888	5,591	5,726	5,571	5,366	5,334

Source: Pulp and Paper Products Council

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

Industry	2012	2013	2014	2015	2016	2017
Forestry and Logging	1,833.4	1,981.7	1,948.8	2,013.2	1,985.4	1,900.7
Support Activities for Forestry	577.3	566.6	596.6	636.9	671.8	666.0
Wood Product Manufacturing	2,971.0	3,201.9	3,236.8	3,348.6	3,538.6	3,463.5
Pulp, paper and paperboard mills	1,053.9	889.3	1,142.4	1,118.6	1,049.8	1,052.8
Converted paper product mfg.	106.9	193.6	100.5	106.0	108.2	113.5
Total BC GDP	193,667.2	198,223.8	205,271.4	211,945.3	219,552.9	228,194.9

Source: Statistics Canada

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

Industry	2012	2013	2014	2015	2016	2017
Forestry and Logging	0.9%	1.0%	0.9%	0.9%	0.9%	0.8%
Support Activities for Forestry	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Wood Product Manufacturing	1.5%	1.6%	1.6%	1.6%	1.6%	1.5%
Pulp, paper and paperboard mills	0.5%	0.4%	0.6%	0.5%	0.5%	0.5%
Converted paper product mfg.	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%
Sub-total	3.4%	3.4%	3.4%	3.4%	3.3%	3.2%

Source: Statistics Canada

Table 13: Forest Sector Exports in Millions of Current Dollars

Commodity	2013	2014	2015	2016	2017
Wood Products	7,746.0	8,101.5	8,406.0	9,764.3	9,734.4
Pulp and Paper Products	3,908.4	4,265.6	4,366.1	3,935.8	4,424.2
Sub-Total	11,654.4	12,397.2	12,772.1	13,700.1	14,158.6
Total B.C. Exports	33,421.5	35,832.5	35,497.0	38,775.6	43,705.3

Source: Statistics Canada

Table 14: Pulp and Paper Product Exports by Destination, 2017

Destination Country	Pulp (\$millions)	Pulp (metric kilotonnes air dry)	Paper & Paperboard (\$millions)	Paper & Paperboard (metric kilotonnes)	Other Pulp & Paper Products (\$millions)*
China & Hong Kong	2,104.3	2,668.0	78.6	93.2	67.8
United States	346.2	413.8	467.5	568.0	121.5
Japan	266.8	323.4	1.6	2.0	0.1
Indonesia	267.4	320.0	0.2	0.2	0.7
South Korea	192.7	254.4	3.9	4.1	6.7
European Union	58.0	59.9	9.9	7.5	0.3
Other	231.1	287.6	192.8	241.2	6.2
Total	3,466.5	4,327.1	754.5	916.2	203.2

* No volume information available

Source: Statistics Canada

Table 15: Value-added wood product exports by destination in thousands of current dollars, 2017

Product	US	Japan	EU	Total
Moulding	7,457.0	218.6	0.0	7,892.8
Siding	51,557.7	2,767.6	107.6	56,593.8
Flooring	25.2	0.0	0.0	100.6
Other Wood Continuously Shaped	47,185.2	2,706.8	962.2	52,082.6
Shakes and Shingles	194,046.6	0.0	11,470.4	213,266.7
Roof Trusses	2,046.8	25.1	0.0	2,071.9
Windows	8,420.3	37.8	0.0	8,466.1
Doors	59,573.0	258.2	10.0	60,018.7
Laminated Beams and Arches	62.0	42.6	0.0	184.2
Prefabricated Partitions	9,131.9	195.8	152.7	9,623.6
Other Builders' Joinery	136,063.1	4,511.0	463.6	142,565.5
Wooden Seats	8,930.2	46.9	10.6	9,096.2
Office Furniture	3,211.0	23.7	152.9	3,464.1
Kitchen Furniture	29,314.3	194.2	5.0	29,597.2
Bedroom Furniture	40,762.0	34.4	8.8	40,816.5
Other Furniture	47,877.2	36.8	25.7	48,768.7
Articles Made of Wood	110,012.5	27.5	212.7	111,095.5
Prefabricated Buildings	21,063.0	4,010.7	1,234.2	27,342.9
Total Value-Added Wood Products	776,739.2	15,137.7	14,816.3	823,047.5

Source: Statistics Canada

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

Commodity	2013	2014	2015	2016	2017
China and Hong Kong	8,006,918	7,641,172	6,709,856	6,065,717	5,627,572
European Union	202,583	197,418	164,873	165,996	156,787
India	47,959	23,124	35,320	20,308	36,405
Japan	2,832,291	2,429,880	2,402,696	2,335,321	2,244,718
South Korea	261,265	278,300	310,175	288,858	256,920
United States	14,979,563	15,638,616	17,004,646	19,702,559	17,927,768
Total All Destinations	27,549,517	27,362,901	27,982,006	29,801,108	27,515,544

Source: Statistics Canada

Table 17: Forest Sector Business Location Counts by Employee Class, 2017

Industry	No Employees	1-49 Employees	50+ Employees	Total
Logging and Silviculture	3,154	2,268	87	5,509
Wood Manufacturing	622	644	147	1,413
Pulp and Paper Manufacturing	31	27	25	83
All Forest Sector Industries	3,807	2,939	259	7,005

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	2013	2014	2015	2016	2017
Forestry and Logging	17,600	19,200	19,400	19,400	18,600
Paper Manufacturing	10,500	12,200	10,100	8,500	10,700
Wood Product Manufacturing	30,200	33,700	36,000	32,000	27,800
Total	58,300	65,100	65,500	59,900	57,100

Source: Statistics Canada

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

Industry	2013	2014	2015	2016	2017
Forestry and Logging	15,299	16,101	16,999	16,937	17,406
Paper Manufacturing	7,874	8,246	8,417	7,837	7,912
Wood Product Manufacturing	25,414	26,320	26,377	26,943	27,117
Total	48,587	50,667	51,793	51,717	52,435

*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	2013	2014	2015	2016	2017
Forestry and Logging	937.7	959.4	1,086.4	1,088.0	1,112.3
Paper Manufacturing	586.5	578.9	705.8	649.1	668.9
Wood Product Manufacturing	1,391.3	1,461.6	1,543.7	1,663.2	1,817.9
Total	2,915.5	2,999.9	3,335.9	3,400.3	3,599.1

*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	2014	2015	2016	2017	2018*
Total Capital expenditures	Forestry and logging	212.1	197.9	219.5	207.9	204.7
	Wood product mfg.	517.8	579.5	234.3	274.6	418.1
	Paper manufacturing	185.8	171.4	123.5	318.2	234.7
Construction	Forestry and logging	72.0	56.0	88.6	67.3	84.2
	Wood product mfg.	107.3	105.3	60.6	28.1	41.6
	Paper manufacturing	14.9	20.9	9.1	6.1	9.3
Machinery and equipment	Forestry and logging	140.1	141.8	130.9	140.6	120.5
	Wood product mfg.	410.5	474.2	173.8	246.5	376.5
	Paper manufacturing	170.9	150.5	114.4	312.2	225.4

* Intentions.
Source: Statistics Canada

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

2017/18	2018/19
\$992 million	\$992 million

Source: Ministry of Finance, Budget Estimates

ADDITIONAL RESOURCES:

- www.bcfii.ca
- www.naturallywood.com
- [naturally:wood factsheet: Forest Certification in British Columbia; naturally:wood, 2016](#)
- [Forest Industry Economics; the Province of British Columbia, 2016](#)
- [An overview of sustainable forest management in British Columbia; the Province of B.C., 2015](#)

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.