

Service bulletin Sawmills

December 2011



Highlights

- In December, monthly lumber production by sawmills decreased 15.8% to 3,784.0 thousand cubic meters. Compared with the same month last year, lumber production decreased 3.4%.
- In December, sawmills shipped 4,025.9 thousand cubic meters of lumber, a decrease of 13.2% from November.

Statistical tables

Table 1
Production, shipments and stocks of lumber, 2011

	December			Year-to-date	
	Production	Shipments	Stocks	Production	Shipments
thousands of cubic meters					
Canada	3,784.0	4,025.9	5,949.7	53,609.5	53,949.4
British Columbia	2,123.1	2,270.7	2,596.3	29,137.3	29,137.9
Coast	208.4	288.3	264.4	3,280.5	3,313.7
Interior	1,914.7	1,982.4	2,331.9	25,856.9	25,824.1
Northern Interior	925.2	949.6	1,156.5	12,867.4	12,840.7
Central Interior	389.1	439.4	466.9	5,389.7	5,356.9
Southern Interior	600.3	593.4	708.4	7,599.7	7,626.6
Alberta	526.9	529.4	853.7	7,374.3	7,329.5
Saskatchewan	x	x	x	x	x
Manitoba	x	x	x	x	x
Ontario	205.1	236.4	355.2	3,128.1	3,233.8
Quebec	696.7	728.9	1,879.0	10,467.6	10,716.6
New Brunswick	147.2	166.9	120.9	2,372.0	2,384.8
Nova Scotia	59.0	70.5	101.5	856.5	886.3
percentage change 2010 to 2011					
Canada	-3.4	-0.3	-4.4	0.6	2.3
British Columbia	3.4	7.5	2.2	7.5	8.5
Coast	-1.2	12.3	-3.5	14.4	19.8
Interior	4.0	6.9	2.8	6.7	7.2
Northern Interior	1.9	1.8	6.6	3.3	3.3
Central Interior	-3.3	13.5	14.5	5.5	5.5
Southern Interior	13.0	10.9	-8.5	14.1	15.8
Alberta	-3.3	-8.0	3.9	-2.3	-3.1
Saskatchewan	x	x	x	x	x
Manitoba	x	x	x	x	x
Ontario	-27.4	-12.8	-19.1	-12.3	-7.8
Quebec	-10.6	-10.8	-9.8	-10.0	-5.8
New Brunswick	-13.9	-2.7	-27.4	-0.5	0.0
Nova Scotia	-21.8	-9.2	-22.3	-5.0	2.9

Note(s): Totals may not add due to rounding.

Table 2
Production and stocks of lumber, British Columbia, by species, 2011

	Standard Classification of Goods	December Production	Year-to-date production	December Stocks
	code	thousands of cubic meters		
British Columbia				
Douglas Fir & Western Larch	4407.10.32	60.0	1,019.9	102.0
Western Red Cedar	4407.10.71	69.7	1,106.7	181.0
Yellow Cedar	4407.10.72	23.3	139.9	0.0
Western Hemlock & Amabilis Fir	4407.10.33	116.0	1,608.6	97.6
Sitka Spruce	4407.10.42	x	x	x
Spruce, Pine and Fir	4407.10.31	1,853.0	25,237.7	2,215.8
Other softwoods	4407.10.99	x	x	x
Total softwoods	...	2,123.1	29,137.3	2,596.3
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	2,123.1	29,137.3	2,596.3
British Columbia Coast				
Douglas Fir & Western Larch	4407.10.32	17.7	392.4	22.1
Western red cedar	4407.10.71	x	x	x
Yellow cedar	4407.10.72	23.3	139.9	0.0
Western Hemlock & Amabilis Fir	4407.10.33	84.1	1,211.1	69.0
Sitka Spruce	4407.10.42	x	x	x
Spruce, pine and fir	4407.10.31	34.0	630.9	42.7
Other softwoods	4407.10.99	x	x	x
Total softwoods	...	208.4	3,280.5	264.4
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	208.4	3,280.5	264.4
British Columbia Interior				
Douglas Fir & Western Larch	4407.10.32	42.3	627.5	79.9
Western red cedar	4407.10.71	x	x	x
Yellow cedar	4407.10.72	0.0	0.0	0.0
Western Hemlock & Amabilis Fir	4407.10.33	32.0	397.5	28.6
Sitka Spruce	4407.10.42	0.0	0.0	0.0
Spruce, pine and fir	4407.10.31	1,819.1	24,606.8	2,173.1
Other softwoods	4407.10.99	x	x	x
Total softwoods	...	1,914.7	25,856.9	2,331.9
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	1,914.7	25,856.9	2,331.9
British Columbia Northern Interior				
Douglas Fir & Western Larch	4407.10.32	0.0	0.0	0.0
Western red cedar	4407.10.71	0.0	0.0	0.0
Yellow cedar	4407.10.72	0.0	0.0	0.0
Western Hemlock & Amabilis Fir	4407.10.33	0.0	0.0	0.0
Sitka Spruce	4407.10.42	0.0	0.0	0.0
Spruce, pine and fir	4407.10.31	925.2	12,867.4	1,156.5
Other softwoods	4407.10.99	0.0	0.0	0.0
Total softwoods	...	925.2	12,867.4	1,156.5
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	925.2	12,867.4	1,156.5
British Columbia Central Interior				
Douglas Fir & Western Larch	4407.10.32	13.4	120.0	18.0
Western red cedar	4407.10.71	0.0	0.0	0.0
Yellow cedar	4407.10.72	0.0	0.0	0.0
Western Hemlock & Amabilis Fir	4407.10.33	0.0	0.0	0.0
Sitka Spruce	4407.10.42	0.0	0.0	0.0
Spruce, pine and fir	4407.10.31	375.7	5,269.7	448.9
Other softwoods	4407.10.99	0.0	0.0	0.0
Total softwoods	...	389.1	5,389.7	466.9
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	389.1	5,389.7	466.9
British Columbia Southern Interior				
Douglas Fir & Western Larch	4407.10.32	28.8	507.5	61.9
Western red cedar	4407.10.71	x	x	x
Yellow cedar	4407.10.72	0.0	0.0	0.0
Western Hemlock & Amabilis Fir	4407.10.33	32.0	397.5	28.6
Sitka Spruce	4407.10.42	0.0	0.0	0.0
Spruce, pine and fir	4407.10.31	518.2	6,469.7	567.6
Other softwoods	4407.10.99	x	x	x
Total softwoods	...	600.3	7,599.7	708.4
Hardwood	4407.90	0.0	0.0	0.0
Total (softwood and hardwood)	...	600.3	7,599.7	708.4

Note(s): Totals may not add due to rounding.

Table 3
Production and stocks of lumber by province and species, 2011

	Spruce, pine and fir ¹ (SCG code 4407.10.31)	Total softwood ¹ (SCG code 4407.10)	Total hardwood ¹ (SCG code 4407.90)	Total
thousands of cubic meters				
December production				
Canada	3,363.5	3,726.9	57.1	3,784.0
British Columbia	1,853.0	2,123.1	0.0	2,123.1
Alberta	525.9	525.9	1.0	526.9
Saskatchewan	x	x	0.0	x
Manitoba	x	x	0.0	x
Ontario	184.5	193.2	12.0	205.1
Quebec	580.3	659.0	37.8	696.7
New Brunswick	135.0	140.9	6.2	147.2
Nova Scotia	58.9	58.9	0.1	59.0
Year-to-date production				
Canada	47,281.7	52,743.9	865.6	53,609.5
British Columbia	25,237.7	29,137.3	0.0	29,137.3
Alberta	7,360.5	7,360.5	13.8	7,374.3
Saskatchewan	x	x	0.0	x
Manitoba	x	x	0.0	x
Ontario	2,833.0	2,945.5	182.5	3,128.1
Quebec	8,569.0	9,900.4	567.2	10,467.6
New Brunswick	2,173.7	2,271.6	100.4	2,372.0
Nova Scotia	834.3	854.9	1.7	856.5
December stocks				
Canada	5,196.2	5,923.6	26.1	5,949.7
British Columbia	2,215.8	2,596.3	0.0	2,596.3
Alberta	851.4	851.4	2.4	853.7
Saskatchewan	x	x	0.0	x
Manitoba	x	x	0.0	x
Ontario	319.5	347.1	8.1	355.2
Quebec	1,568.8	1,865.3	13.7	1,879.0
New Brunswick	102.2	119.0	1.9	120.9
Nova Scotia	95.4	101.5	0.0	101.5
Year-to-date production				
	Spruce, pine and fir ¹ (SCG code 4407.10.31)	Total softwood ¹ (SCG code 4407.10)	Total hardwood ¹ (SCG code 4407.90)	Total
thousands of cubic meters				
Canada	47,281.7	52,743.9	865.6	53,609.5
British Columbia	25,237.7	29,137.3	0.0	29,137.3
Alberta	7,360.5	7,360.5	13.8	7,374.3
Saskatchewan	x	x	0.0	x
Manitoba	x	x	0.0	x
Ontario	2,833.0	2,945.5	182.5	3,128.1
Quebec	8,569.0	9,900.4	567.2	10,467.6
New Brunswick	2,173.7	2,271.6	100.4	2,372.0
Nova Scotia	834.3	854.9	1.7	856.5
December stocks				
	Spruce, ¹ pine and fir (SCG code 4407.10.31)	Total ¹ softwood (SCG code 4407.10)	Total hardwood ¹ (SCG code 4407.90)	Total
thousands of cubic meters				
Canada	5,196.2	5,923.6	26.1	5,949.7
British Columbia	2,215.8	2,596.3	0.0	2,596.3
Alberta	851.4	851.4	2.4	853.7
Saskatchewan	x	x	0.0	x
Manitoba	x	x	0.0	x
Ontario	319.5	347.1	8.1	355.2
Quebec	1,568.8	1,865.3	13.7	1,879.0
New Brunswick	102.2	119.0	1.9	120.9
Nova Scotia	95.4	101.5	0.0	101.5

1. Standard Classification of Goods (SCG) code.

Note(s): Totals may not add due to rounding.

Table 4
Revised data for production, shipments and stocks of lumber, 2010

	December			Year-to-date		
	Softwood (SCG code 4407.10) ¹	Hardwood (SCG code 4407.90) ¹	Total	Softwood (SCG code 4407.10) ¹	Hardwood (SCG code 4407.90) ¹	Total
	thousands of cubic meters					
Total production	1,796.3	67.1	1,863.4	25,261.4	954.9	26,216.3
Alberta	543.7	1.0	544.7	7,530.1	14.1	7,544.2
Saskatchewan	x	0.0	x	x	0.0	x
Manitoba	x	0.0	x	x	0.0	x
Ontario	266.2	16.5	282.7	3,360.5	208.2	3,568.7
Quebec	736.8	42.2	779.0	10,995.1	629.9	11,625.0
New Brunswick	163.7	7.2	170.9	2,282.2	100.9	2,383.2
Nova Scotia	75.4	0.1	75.5	900.3	1.7	902.0
Total shipments	.	.	1,926.2	.	.	25,901.4
Alberta	.	.	575.4	.	.	7,561.1
Saskatchewan	.	.	x	.	.	x
Manitoba	.	.	x	.	.	x
Ontario	.	.	271.3	.	.	3,508.8
Quebec	.	.	817.6	.	.	11,375.6
New Brunswick	.	.	171.5	.	.	2,384.4
Nova Scotia	.	.	77.6	.	.	861.2
Total stocks	3,651.9	28.9	3,680.8	..	..	..
Alberta	821.8	0.2	822.0	..	..	..
Saskatchewan	x	0.0	x	..	..	..
Manitoba	x	0.0	x	..	..	..
Ontario	432.1	7.0	439.1	..	..	..
Quebec	2,065.2	19.0	2,084.2	..	..	..
New Brunswick	163.6	2.7	166.4	..	..	..
Nova Scotia	130.6	0.0	130.7	..	..	..

1. Standard Classification of Goods (SCG) code.

Note(s): Totals may not add due to rounding.

Table 5
Canadian lumber exports, 2011¹

Province of origin	December				Year-to-date			
	Rail	Truck	Water	Total	Rail	Truck	Water	Total
	thousands of cubic meters							
Canada	332.6	1,492.9	957.8	2,783.3	4,785.9	16,165.0	12,432.1	33,383.0
Newfoundland and Labrador	0.3	1.8	0.0	2.1	3.5	25.2	0.0	28.7
Prince Edward Island	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Nova Scotia	6.5	25.6	2.8	34.9	110.3	317.4	31.3	459.0
New Brunswick	44.7	107.8	0.6	153.2	638.5	1,349.1	7.8	1,995.4
Quebec	86.8	165.1	21.4	273.4	1,351.4	2,316.7	356.2	4,024.3
Ontario	29.5	77.2	2.3	109.0	459.6	940.7	42.2	1,442.5
Manitoba	0.7	0.1	0.3	1.1	7.9	0.6	2.6	11.2
Saskatchewan	6.3	8.6	0.0	14.9	64.2	35.0	0.0	99.1
Alberta	35.0	139.3	26.6	200.9	491.2	1,661.5	433.6	2,586.3
British Columbia	122.8	967.4	903.8	1,993.9	1,659.1	9,518.8	11,558.1	22,736.0
Yukon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northwest Territories	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2
Nunavut	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1

1. Canadian lumber exports by province of origin as reported by the International Division of Statistics Canada.

Note(s): Totals may not add due to small transactions with unclear mode of transportation which appear only in the totals.

Table 6
Production, shipments and stocks of pulp chips, 2011

	December			Year-to-date	
	Production	Shipments	Stocks	Production	Shipments
	thousands of oven-dry metric tonnes				
Canada	1,165.0	1,204.6	81.8	15,562.4	15,623.4
British Columbia	483.4	497.1	20.7	6,477.6	6,503.8
Coast	51.2	52.5	2.1	784.2	791.5
Interior	432.3	444.6	18.7	5,693.3	5,712.3
Northern Interior	184.7	186.2	11.2	2,546.8	2,529.8
Central Interior	94.3	101.3	1.7	1,376.7	1,377.5
Southern Interior	153.3	157.1	5.8	1,769.9	1,805.0
Other provinces	681.6	707.5	61.1	9,084.9	9,119.6

Note(s): Totals may not add due to rounding.

Table 7
2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
thousands of cubic meters				
Canada				
2009	44,435.5	813.1	45,248.6	46,734.2
January	3,929.3	74.6	4,003.8	3,754.3
February	3,422.0	74.8	3,496.9	3,542.0
March	3,549.6	70.6	3,620.2	3,773.7
April	3,632.0	57.3	3,689.3	3,922.8
May	3,533.9	63.1	3,597.0	3,725.8
June	3,597.3	60.9	3,658.2	4,166.6
July	3,582.4	55.8	3,638.2	4,092.7
August	3,507.4	66.2	3,573.5	3,612.5
September	4,073.6	80.7	4,154.3	4,101.1
October	4,292.0	79.4	4,371.4	4,334.3
November	3,936.6	73.2	4,009.8	4,050.8
December	3,379.4	56.5	3,435.9	3,657.6
2010	52,356.4	954.9	53,311.3	52,757.3
January	3,956.7	66.8	4,023.4	4,033.8
February	4,073.5	76.1	4,149.6	4,006.2
March	4,680.6	89.3	4,770.0	4,532.2
April	4,689.1	83.2	4,772.3	4,912.0
May	4,349.3	82.7	4,432.0	4,227.8
June	4,513.6	82.4	4,596.0	4,676.0
July	4,284.6	69.2	4,353.8	4,547.2
August	4,348.6	79.9	4,428.5	4,292.5
September	4,433.4	82.9	4,516.3	4,561.9
October	4,659.2	87.2	4,746.4	4,545.5
November	4,518.9	88.1	4,606.9	4,384.5
December	3,848.8	67.1	3,915.9	4,037.9
2011–current year	52,743.9	865.6	53,609.5	53,949.4
January	4,305.8	68.7	4,374.5	4,037.4
February	4,228.7	77.8	4,306.4	3,908.8
March	4,671.8	83.4	4,755.2	4,697.2
April	4,661.7	77.5	4,739.2	4,664.7
May	4,460.1	72.4	4,532.4	4,629.6
June	4,301.0	65.1	4,366.2	4,850.8
July	4,316.9	66.5	4,383.4	4,632.5
August	4,391.9	66.3	4,458.2	4,379.5
September	4,495.4	74.8	4,570.2	4,680.4
October	4,766.8	81.3	4,848.1	4,804.5
November	4,416.9	74.8	4,491.7	4,638.1
December	3,726.9	57.1	3,784.0	4,025.9

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Nova Scotia				
2009	538.7	1.0	539.7	573.4
January	53.8	0.1	53.9	46.4
February	41.9	0.1	42.0	56.1
March	49.9	0.1	50.0	59.0
April	34.7	0.1	34.8	38.9
May	38.0	0.1	38.0	39.3
June	33.9	0.1	34.0	47.3
July	42.2	0.1	42.2	42.0
August	46.0	0.1	46.1	36.0
September	50.5	0.1	50.6	50.8
October	55.4	0.1	55.5	61.2
November	48.5	0.1	48.6	54.7
December	44.0	0.1	44.1	41.8
2010	900.3	1.7	902.0	861.2
January	64.9	0.1	65.0	55.2
February	68.5	0.1	68.6	57.5
March	80.0	0.2	80.1	74.2
April	75.2	0.1	75.3	80.1
May	76.0	0.1	76.1	70.5
June	81.8	0.2	82.0	67.5
July	76.2	0.1	76.4	82.1
August	68.3	0.1	68.4	64.7
September	82.5	0.2	82.6	76.0
October	78.8	0.2	78.9	78.2
November	72.9	0.1	73.0	77.6
December	75.4	0.1	75.5	77.6
2011–current year	854.9	1.7	856.5	886.3
January	65.3	0.1	65.5	63.8
February	57.6	0.1	57.7	54.1
March	60.1	0.1	60.2	64.9
April	58.5	0.1	58.6	58.1
May	61.5	0.1	61.6	71.4
June	83.8	0.2	83.9	83.6
July	82.2	0.2	82.4	82.3
August	89.7	0.2	89.9	88.3
September	89.5	0.2	89.7	88.1
October	82.3	0.2	82.5	80.7
November	65.4	0.1	65.5	80.5
December	58.9	0.1	59.0	70.5

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
New Brunswick				
2009	1,851.8	81.9	1,933.6	1,959.3
January	147.2	6.5	153.7	135.7
February	149.3	6.6	155.9	166.8
March	160.6	7.1	167.7	185.0
April	165.6	7.3	172.9	176.9
May	167.7	7.4	175.1	177.0
June	144.4	6.4	150.8	179.5
July	127.8	5.7	133.5	142.5
August	135.9	6.0	141.9	142.0
September	156.2	6.9	163.1	167.0
October	170.8	7.6	178.4	170.5
November	155.7	6.9	162.5	158.9
December	170.5	7.5	178.0	157.6
2010	2,282.2	100.9	2,383.2	2,384.4
January	184.2	8.1	192.3	206.6
February	185.1	8.2	193.3	187.5
March	214.2	9.5	223.7	208.9
April	209.0	9.2	218.3	223.9
May	227.4	10.1	237.4	237.1
June	187.7	8.3	196.0	192.5
July	176.4	7.8	184.1	188.1
August	168.7	7.5	176.2	187.5
September	186.0	8.2	194.3	196.2
October	191.3	8.5	199.8	204.8
November	188.4	8.3	196.8	179.7
December	163.7	7.2	170.9	171.5
2011–current year	2,271.6	100.4	2,372.0	2,384.8
January	195.7	8.7	204.4	194.0
February	203.0	9.0	212.0	195.0
March	189.4	8.4	197.8	191.2
April	192.4	8.5	200.9	213.0
May	197.3	8.7	206.1	219.2
June	170.6	7.5	178.2	189.1
July	205.6	9.1	214.7	199.1
August	191.3	8.5	199.7	207.9
September	191.1	8.5	199.6	197.9
October	198.4	8.8	207.2	204.3
November	195.7	8.7	204.3	207.1
December	140.9	6.2	147.2	166.9

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Quebec				
2009	8,921.7	511.1	9,432.8	9,960.3
January	728.6	41.7	770.4	726.9
February	831.8	47.7	879.5	738.8
March	788.9	45.2	834.1	885.8
April	672.4	38.5	710.9	876.2
May	680.2	39.0	719.2	830.4
June	597.9	34.3	632.1	909.3
July	602.4	34.5	636.9	799.3
August	769.4	44.1	813.5	775.9
September	911.8	52.2	964.0	904.1
October	858.5	49.2	907.7	925.3
November	843.3	48.3	891.7	871.4
December	636.4	36.5	672.9	716.7
2010	10,995.1	629.9	11,625.0	11,375.6
January	774.3	44.4	818.6	786.3
February	902.2	51.7	953.9	828.1
March	1,077.7	61.7	1,139.4	1,051.6
April	943.6	54.1	997.6	1,106.0
May	936.5	53.7	990.1	968.3
June	914.0	52.4	966.4	1,039.8
July	752.3	43.1	795.4	897.9
August	952.4	54.6	1,006.9	860.3
September	990.1	56.7	1,046.8	1,053.5
October	985.2	56.4	1,041.7	998.1
November	1,030.2	59.0	1,089.2	968.3
December	736.8	42.2	779.0	817.6
2011–current year	9,900.4	567.2	10,467.6	10,716.6
January	759.2	43.5	802.7	763.1
February	905.0	51.8	956.9	811.5
March	983.7	56.4	1,040.1	935.8
April	896.8	51.4	948.2	926.6
May	867.7	49.7	917.4	968.1
June	762.2	43.7	805.8	976.9
July	706.9	40.5	747.4	911.4
August	740.5	42.4	782.9	808.2
September	872.8	50.0	922.8	918.4
October	924.1	52.9	977.0	1,037.8
November	822.7	47.1	869.8	930.0
December	659.0	37.8	696.7	728.9

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Ontario				
2009	3,334.9	206.6	3,541.6	3,636.1
January	405.1	25.1	430.2	416.1
February	316.0	19.6	335.6	390.1
March	276.9	17.2	294.1	352.2
April	167.9	10.4	178.4	207.4
May	252.5	15.6	268.1	263.8
June	307.4	19.0	326.4	298.3
July	233.8	14.5	248.3	249.1
August	242.4	15.0	257.4	248.4
September	328.5	20.4	348.8	316.2
October	346.3	21.5	367.7	314.6
November	271.8	16.8	288.6	319.3
December	186.4	11.6	198.0	260.7
2010	3,360.5	208.2	3,568.7	3,508.8
January	212.3	13.2	225.4	245.9
February	244.4	15.1	259.6	251.2
March	268.6	16.6	285.2	283.8
April	297.2	18.4	315.7	311.5
May	284.9	17.7	302.6	300.2
June	328.5	20.4	348.9	338.6
July	274.5	17.0	291.5	317.5
August	266.7	16.5	283.2	280.6
September	267.5	16.6	284.0	298.9
October	336.9	20.9	357.7	290.2
November	312.8	19.4	332.2	319.0
December	266.2	16.5	282.7	271.3
2011–current year	2,945.5	182.5	3,128.1	3,233.8
January	246.4	15.3	261.7	255.5
February	254.1	15.7	269.9	286.7
March	278.5	17.3	295.8	312.8
April	262.6	16.3	278.9	267.8
May	204.1	12.6	216.8	254.6
June	203.6	12.6	216.3	257.1
July	253.2	15.7	268.9	277.8
August	225.8	14.0	239.8	213.7
September	242.3	15.0	257.3	256.3
October	293.8	18.2	312.0	315.7
November	287.9	17.8	305.8	299.2
December	193.2	12.0	205.1	236.4

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Manitoba				
2009	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x
2010	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x
2011–current year	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Saskatchewan				
2009	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x
2010	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x
2011–current year	x	0.0	x	x
January	x	0.0	x	x
February	x	0.0	x	x
March	x	0.0	x	x
April	x	0.0	x	x
May	x	0.0	x	x
June	x	0.0	x	x
July	x	0.0	x	x
August	x	0.0	x	x
September	x	0.0	x	x
October	x	0.0	x	x
November	x	0.0	x	x
December	x	0.0	x	x

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
Alberta				
2009	6,631.2	12.4	6,643.6	6,684.4
January	601.4	1.1	602.5	536.1
February	493.1	0.9	494.1	496.8
March	550.7	1.0	551.8	510.8
April	536.9	1.0	537.9	520.0
May	522.9	1.0	523.9	511.7
June	593.5	1.1	594.6	610.7
July	554.6	1.0	555.7	603.8
August	530.7	1.0	531.7	544.5
September	591.7	1.1	592.8	624.3
October	605.6	1.1	606.7	628.3
November	563.9	1.1	565.0	609.4
December	486.1	0.9	487.0	488.0
2010	7,530.1	14.1	7,544.2	7,561.1
January	518.0	1.0	519.0	533.4
February	500.2	0.9	501.2	506.5
March	704.7	1.3	706.0	639.2
April	702.8	1.3	704.1	718.6
May	657.4	1.2	658.7	618.1
June	675.4	1.3	676.7	666.0
July	617.1	1.2	618.3	689.3
August	673.3	1.3	674.5	667.3
September	641.4	1.2	642.6	650.5
October	663.4	1.2	664.7	657.7
November	632.6	1.2	633.8	639.1
December	543.7	1.0	544.7	575.4
2011–current year	7,360.5	13.8	7,374.3	7,329.5
January	600.1	1.1	601.2	551.3
February	568.8	1.1	569.9	526.9
March	678.7	1.3	680.0	612.8
April	642.5	1.2	643.7	621.6
May	619.0	1.2	620.1	631.1
June	615.6	1.2	616.7	662.7
July	591.2	1.1	592.3	636.1
August	661.8	1.2	663.1	630.9
September	614.6	1.2	615.7	636.6
October	663.6	1.2	664.8	644.0
November	578.8	1.1	579.8	646.1
December	525.9	1.0	526.9	529.4

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia				
2009	22,974.7	0.0	22,974.7	23,650.7
January	1,980.3	0.0	1,980.3	1,867.0
February	1,565.5	0.0	1,565.5	1,676.7
March	1,693.4	0.0	1,693.4	1,751.3
April	2,044.1	0.0	2,044.1	2,073.8
May	1,862.7	0.0	1,862.7	1,877.4
June	1,911.5	0.0	1,911.5	2,096.5
July	2,011.1	0.0	2,011.1	2,226.4
August	1,772.7	0.0	1,772.7	1,849.6
September	2,025.0	0.0	2,025.0	2,018.0
October	2,238.4	0.0	2,238.4	2,216.0
November	2,034.3	0.0	2,034.3	2,017.5
December	1,835.6	0.0	1,835.6	1,980.4
2010	27,095.0	0.0	27,095.0	26,855.9
January	2,195.4	0.0	2,195.4	2,198.0
February	2,155.1	0.0	2,155.1	2,156.6
March	2,315.4	0.0	2,315.4	2,254.1
April	2,435.4	0.0	2,435.4	2,446.1
May	2,149.4	0.0	2,149.4	2,014.4
June	2,308.2	0.0	2,308.2	2,351.1
July	2,368.2	0.0	2,368.2	2,349.6
August	2,197.4	0.0	2,197.4	2,217.5
September	2,252.3	0.0	2,252.3	2,271.9
October	2,393.1	0.0	2,393.1	2,299.6
November	2,272.5	0.0	2,272.5	2,185.3
December	2,052.5	0.0	2,052.5	2,111.7
2011–current year	29,137.3	0.0	29,137.3	29,137.9
January	2,429.2	0.0	2,429.2	2,195.9
February	2,231.6	0.0	2,231.6	2,020.1
March	2,470.1	0.0	2,470.1	2,563.7
April	2,578.6	0.0	2,578.6	2,559.9
May	2,481.0	0.0	2,481.0	2,465.4
June	2,435.3	0.0	2,435.3	2,653.0
July	2,449.0	0.0	2,449.0	2,495.0
August	2,461.0	0.0	2,461.0	2,408.8
September	2,459.4	0.0	2,459.4	2,561.8
October	2,578.5	0.0	2,578.5	2,494.3
November	2,440.5	0.0	2,440.5	2,449.3
December	2,123.1	0.0	2,123.1	2,270.7

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia Coast				
2009	2,421.5	0.0	2,421.5	2,515.0
January	183.4	0.0	183.4	184.6
February	177.8	0.0	177.8	188.1
March	178.6	0.0	178.6	217.6
April	203.8	0.0	203.8	204.5
May	194.2	0.0	194.2	195.2
June	202.4	0.0	202.4	221.8
July	225.9	0.0	225.9	223.1
August	203.0	0.0	203.0	213.7
September	225.8	0.0	225.8	230.6
October	229.4	0.0	229.4	218.2
November	220.6	0.0	220.6	215.1
December	176.5	0.0	176.5	202.3
2010	2,868.1	0.0	2,868.1	2,767.2
January	201.0	0.0	201.0	181.4
February	199.1	0.0	199.1	200.0
March	246.6	0.0	246.6	227.5
April	252.5	0.0	252.5	226.4
May	243.6	0.0	243.6	220.4
June	267.6	0.0	267.6	283.6
July	259.3	0.0	259.3	223.5
August	228.9	0.0	228.9	218.8
September	243.4	0.0	243.4	249.5
October	256.2	0.0	256.2	236.9
November	258.7	0.0	258.7	242.4
December	211.0	0.0	211.0	256.6
2011–current year	3,280.5	0.0	3,280.5	3,313.7
January	286.3	0.0	286.3	235.6
February	255.0	0.0	255.0	237.9
March	266.6	0.0	266.6	329.5
April	250.9	0.0	250.9	237.6
May	300.7	0.0	300.7	273.3
June	288.3	0.0	288.3	336.1
July	257.7	0.0	257.7	237.5
August	279.8	0.0	279.8	279.4
September	292.8	0.0	292.8	293.4
October	301.2	0.0	301.2	277.0
November	292.8	0.0	292.8	288.2
December	208.4	0.0	208.4	288.3

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia Interior				
2009	20,553.2	0.0	20,553.2	21,135.8
January	1,796.9	0.0	1,796.9	1,682.4
February	1,387.7	0.0	1,387.7	1,488.7
March	1,514.8	0.0	1,514.8	1,533.7
April	1,840.3	0.0	1,840.3	1,869.3
May	1,668.5	0.0	1,668.5	1,682.2
June	1,709.1	0.0	1,709.1	1,874.7
July	1,785.3	0.0	1,785.3	2,003.3
August	1,569.7	0.0	1,569.7	1,636.0
September	1,799.1	0.0	1,799.1	1,787.4
October	2,009.0	0.0	2,009.0	1,997.8
November	1,813.6	0.0	1,813.6	1,802.3
December	1,659.1	0.0	1,659.1	1,778.0
2010	24,226.8	0.0	24,226.8	24,088.7
January	1,994.4	0.0	1,994.4	2,016.6
February	1,956.1	0.0	1,956.1	1,956.6
March	2,068.8	0.0	2,068.8	2,026.6
April	2,182.9	0.0	2,182.9	2,219.7
May	1,905.8	0.0	1,905.8	1,794.0
June	2,040.6	0.0	2,040.6	2,067.5
July	2,108.9	0.0	2,108.9	2,126.1
August	1,968.4	0.0	1,968.4	1,998.6
September	2,008.8	0.0	2,008.8	2,022.4
October	2,136.9	0.0	2,136.9	2,062.6
November	2,013.8	0.0	2,013.8	1,942.8
December	1,841.5	0.0	1,841.5	1,855.1
2011–current year	25,856.9	0.0	25,856.9	25,824.1
January	2,142.9	0.0	2,142.9	1,960.3
February	1,976.6	0.0	1,976.6	1,782.2
March	2,203.5	0.0	2,203.5	2,234.2
April	2,327.7	0.0	2,327.7	2,322.3
May	2,180.3	0.0	2,180.3	2,192.1
June	2,147.1	0.0	2,147.1	2,316.9
July	2,191.3	0.0	2,191.3	2,257.6
August	2,181.2	0.0	2,181.2	2,129.3
September	2,166.6	0.0	2,166.6	2,268.4
October	2,277.3	0.0	2,277.3	2,217.2
November	2,147.7	0.0	2,147.7	2,161.2
December	1,914.7	0.0	1,914.7	1,982.4

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia Northern Interior				
2009	10,475.3	0.0	10,475.3	10,576.4
January	850.8	0.0	850.8	829.5
February	713.2	0.0	713.2	730.2
March	857.3	0.0	857.3	783.8
April	979.0	0.0	979.0	991.6
May	848.9	0.0	848.9	823.7
June	897.2	0.0	897.2	938.3
July	882.6	0.0	882.6	982.7
August	802.5	0.0	802.5	822.0
September	913.7	0.0	913.7	914.1
October	985.4	0.0	985.4	986.1
November	884.9	0.0	884.9	885.9
December	859.9	0.0	859.9	888.4
2010	12,459.8	0.0	12,459.8	12,425.8
January	1,071.8	0.0	1,071.8	1,062.4
February	1,030.4	0.0	1,030.4	1,035.3
March	1,114.8	0.0	1,114.8	1,108.2
April	1,150.7	0.0	1,150.7	1,138.2
May	1,000.6	0.0	1,000.6	936.1
June	1,042.9	0.0	1,042.9	1,043.4
July	1,060.7	0.0	1,060.7	1,105.0
August	992.2	0.0	992.2	1,018.8
September	1,018.9	0.0	1,018.9	1,030.4
October	1,071.1	0.0	1,071.1	1,034.1
November	997.9	0.0	997.9	980.9
December	907.7	0.0	907.7	933.0
2011–current year	12,867.4	0.0	12,867.4	12,840.7
January	1,061.8	0.0	1,061.8	974.1
February	995.2	0.0	995.2	895.7
March	1,105.2	0.0	1,105.2	1,113.2
April	1,135.4	0.0	1,135.4	1,117.8
May	1,084.9	0.0	1,084.9	1,015.9
June	1,111.3	0.0	1,111.3	1,116.1
July	1,118.4	0.0	1,118.4	1,197.6
August	1,088.8	0.0	1,088.8	1,042.0
September	1,086.0	0.0	1,086.0	1,165.6
October	1,116.0	0.0	1,116.0	1,151.3
November	1,039.1	0.0	1,039.1	1,101.8
December	925.2	0.0	925.2	949.6

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia Central Interior				
2009	4,286.9	0.0	4,286.9	4,626.2
January	441.2	0.0	441.2	416.8
February	269.7	0.0	269.7	336.3
March	184.9	0.0	184.9	268.8
April	329.0	0.0	329.0	365.4
May	371.3	0.0	371.3	349.5
June	341.4	0.0	341.4	411.1
July	395.2	0.0	395.2	448.3
August	343.7	0.0	343.7	392.5
September	406.1	0.0	406.1	393.1
October	449.7	0.0	449.7	458.7
November	399.9	0.0	399.9	401.6
December	354.9	0.0	354.9	384.2
2010	5,107.1	0.0	5,107.1	5,077.0
January	395.1	0.0	395.1	434.3
February	395.0	0.0	395.0	383.6
March	423.9	0.0	423.9	390.4
April	438.0	0.0	438.0	470.9
May	384.7	0.0	384.7	362.4
June	447.3	0.0	447.3	452.6
July	464.7	0.0	464.7	467.8
August	428.7	0.0	428.7	415.7
September	429.2	0.0	429.2	437.4
October	457.0	0.0	457.0	445.7
November	440.9	0.0	440.9	429.0
December	402.5	0.0	402.5	387.2
2011–current year	5,389.7	0.0	5,389.7	5,356.9
January	426.2	0.0	426.2	382.5
February	381.8	0.0	381.8	357.9
March	440.3	0.0	440.3	433.1
April	522.0	0.0	522.0	537.9
May	480.3	0.0	480.3	502.3
June	409.7	0.0	409.7	485.0
July	450.9	0.0	450.9	430.9
August	477.1	0.0	477.1	455.0
September	454.4	0.0	454.4	461.2
October	492.8	0.0	492.8	445.8
November	465.0	0.0	465.0	425.9
December	389.1	0.0	389.1	439.4

Table 7 – continued

2003 Benchmark revisions for production and shipments of lumber

	Production			Shipments
	Softwood	Hardwood	Total	Total
	thousands of cubic meters			
British Columbia Southern Interior				
2009	5,791.0	0.0	5,791.0	5,933.2
January	504.8	0.0	504.8	436.1
February	404.9	0.0	404.9	422.2
March	472.6	0.0	472.6	481.1
April	532.3	0.0	532.3	512.3
May	448.4	0.0	448.4	509.0
June	470.5	0.0	470.5	525.4
July	507.5	0.0	507.5	572.3
August	423.5	0.0	423.5	421.5
September	479.3	0.0	479.3	480.2
October	573.9	0.0	573.9	553.0
November	528.9	0.0	528.9	514.8
December	444.3	0.0	444.3	505.4
2010	6,659.9	0.0	6,659.9	6,586.0
January	527.5	0.0	527.5	519.9
February	530.6	0.0	530.6	537.8
March	530.0	0.0	530.0	528.0
April	594.3	0.0	594.3	610.6
May	520.4	0.0	520.4	495.5
June	550.4	0.0	550.4	571.6
July	583.4	0.0	583.4	553.2
August	547.6	0.0	547.6	564.1
September	560.6	0.0	560.6	554.5
October	608.8	0.0	608.8	582.8
November	574.9	0.0	574.9	533.0
December	531.3	0.0	531.3	535.0
2011–current year	7,599.7	0.0	7,599.7	7,626.6
January	654.9	0.0	654.9	603.7
February	599.6	0.0	599.6	528.6
March	658.0	0.0	658.0	687.9
April	670.3	0.0	670.3	666.6
May	615.1	0.0	615.1	673.9
June	626.0	0.0	626.0	715.9
July	622.0	0.0	622.0	629.0
August	615.4	0.0	615.4	632.3
September	626.2	0.0	626.2	641.7
October	668.4	0.0	668.4	620.0
November	643.5	0.0	643.5	633.5
December	600.3	0.0	600.3	593.4

Concepts, methodology and data quality

This publication presents the results of the Sawmills survey. This survey measures, on a monthly basis, quantities of lumber produced and shipped by sawmills in Canada classified by the North American Industry Classification System (NAICS) to 321111. The target population for this survey includes all sawmills in Canada excluding Newfoundland and Prince Edward Island as identified by the Annual Survey of Manufactures and Logging (ASML).

General methodology

This is a sample survey with a cross-sectional design.

The sample includes approximately 275 of the largest sawmills in Canada.

Data are collected each month from survey respondents using a mail-out / mail-back process. Data capture and preliminary editing are performed simultaneously to ensure validity of the data. Businesses from whom no response has been received or whose data may contain errors are followed-up by telephone or fax.

Missing data for the current month are imputed automatically by applying to the previous month's data, for the unit in question, the month-to-month change observed for the same period in the previous year. The only exceptions are the opening and closing stock values. Opening stocks are set equal to the value of the closing stocks from the previous month. Closing stocks are calculated by adding production quantities to opening stocks and then subtracting shipments and waste values. The option exists for the subject matter analyst to manually override these imputations with a better estimate based on pertinent knowledge about the industry or the business.

Final estimates of production, inventories and shipments by province are obtained by applying factors to the data collected in the monthly Sawmills survey. This process is called benchmarking. The benchmark factors are ratios of the total quantity of lumber produced by sawmills as measured by the ASML, to the total quantity of lumber produced by sawmills in the monthly Sawmills survey. These factors are calculated for each province, based on the latest ASML commodity data available.

Various confidentiality rules are applied to all data before they are released to prevent the publication or disclosure of any information deemed confidential. If necessary, data are suppressed to prevent direct or residual disclosure of identifiable data.

Direct disclosure could occur when the value in a tabulation cell is composed of a few respondents or when the cell is dominated by a few companies. Residual disclosure could occur when confidential information can be derived indirectly by piecing together information from different sources or data series.

Under normal circumstances, data are collected, captured, edited, tabulated and published within 6 to 8 weeks after the reference month.

Revisions

Once every year (normally in July), the monthly Sawmills series are revised. These revisions incorporate any data that may have been received after the close of the collection cycle during the previous reference year. In addition, the series are benchmarked to the most recent data from the ASML to correct for any under-coverage of sawmills activity in the monthly Sawmills survey.

Data Accuracy

Since monthly data for sawmills are benchmarked to the ASML data (census), the estimates are not subject to sampling errors. However, the results are still subject to the non-sampling errors associated with non-response, inaccurate reporting, and processing. Errors relating to non-response can be measured. All attempts are made to control inaccurate reporting and processing errors.

Moreover, survey results are analyzed to ensure comparability with patterns observed in the historical data series and the economic condition of the industry. Information available from other sources such as media, other government organizations and industry associations are also used in the validation process.

Non-response error

Some respondents may be unable to provide data for numerous reasons (i.e. fire, theft, strike, economic hardship, etc.), while others may be late in responding. To minimize non-response, delinquent respondents are followed up rigorously by phone or fax. Data for non-responding units are imputed using industry trend and other related information. Data are revised, usually once a year, at the same time as the new benchmark factors are produced to take into account questionnaires that have been received after the end of the monthly collection cycles since the previous revision.

Non-response error is calculated using the number of non-responses in the year divided by the number of total expected responses in the year for the units in the sample. The average non-response error for the Sawmills survey was estimated at 8% for 2005 (the last completed cycle).

This, however, is an imperfect indication of the extent of imputation since some portion of the data that goes into the calculation of the benchmark factors is also imputed.

Inaccurate response

Inaccuracy may result from poor questionnaire design or an inability on the part of respondents to provide the requested information or from misinterpretation of the survey questions. To reduce such errors the format and wording in the questionnaire are reviewed from time to time and modified based on feedback from survey respondents and data users. Respondents are also reminded of the importance of their contribution and of the accuracy of reported information.

Processing errors

These errors may occur at various stages in the processing of survey data such as data entry, verification, editing and tabulation. Data are examined for such errors using automated edits along with an analytical review by subject matter experts. Several checks are performed on the collected data to verify internal consistency and comparability over time.

Definitions

Production

Production refers to the quantity of products manufactured in Canada during a reference period including intermediate products. These products may be shipped or retained in inventory.

Shipments

Shipments refer to the quantity of manufactured goods that are shipped, during the reference period from the plant to customers, in domestic or export markets.

Exports

Shipments of goods destined for customers outside of Canada.

More detailed data are available from the Annual Survey of Manufactures and Logging, CANSIM Table 301-0006; and also from custom product 31C0023 (National and Provincial Principal Statistics from the Annual Survey of Manufactures and Logging). In addition, a service on Products Shipped by Canadian Manufacturers (31C0020) is available from the Dissemination and Frame Services section at 613-951-9497 (manufact@statcan.gc.ca).

Specific enquiries should be directed to: The Dissemination and Frame Services section, Manufacturing and Energy Division, Statistics Canada, Ottawa, Ontario, K1A OT6 (Telephone: 1-866-873-8789 or 613-951-9497; Fax line: 613-951-3877; Internet: manufact@statcan.gc.ca).

Release date: March 2012

Symbols

The following standard symbols are used in Statistics Canada publications:

.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
P	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published
*	significantly different from reference category ($p < 0.05$)

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Frequency: Monthly / ISSN 1911-5970

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