

2014 Calendar Year / June 2015

Registry of Buyers of Primary Forest Products



**Report on
Primary Forest Products Acquired,
Secondary Forest Products Produced
and Wood Acquisition Plan Program**


NOVA SCOTIA

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Foreword

For more than 60 years the Department of Natural Resources (DNR) has been compiling data on the volume of forest harvest and secondary forest products. This data provides a picture of harvest and use trends over a long period of time. In today's forest management environment, data is required at a greater level of accuracy, reliability and in a timely manner. We need data that accurately reflects wood harvest and use at the county level by land tenure.

The Department of Natural Resources has been operating the Registry of Buyers since 1998, which is intended to provide the forest use and management information required now and in the future. In addition to providing forest harvest information, the Registry serves as the focal point or link among the various initiatives that are part of the broader forest management process.

The intent of the Registry is to provide a means of collecting reliable data and information pertaining to acquisition of primary forest products, export/import of primary forest products, and generation of secondary forest products. The data collected by the Registry also allows the Department of Natural Resources to estimate future demand for primary forest products, and to ensure the sustainability of forest harvests. The information compiled through the Registry is used by the Department of Natural Resources to understand regional primary forest product demand and supply, estimate and monitor sustainable harvest levels, determine long-term resource management needs, and identify forest product and value-added development opportunities.

Part 1

Nova Scotia Registry of Buyers Summary – 2014

The total reported provincial harvest for 2014 was 3,643,052 cubic meters of solid wood.

Of this amount, 81% or 2,937,138 cubic meters were softwood species. The total volume of wood acquired for export was reported to be 116,819 cubic meters, or 3% of the total harvest. The total volume of wood imported for use in Nova Scotia was reported to be 414,112 cubic meters, or 10% of the total wood consumed in Nova Scotia.

The provincial harvest for 2014 shows an increase of 5.5% compared to the 2013 harvest of 3,453,087 cubic meters.

The volumes reported to the Registry as acquired for energy generation includes only primary solid wood delivered from the forest and first used as a fuel. It does not include any amounts of wood wastes or bark fuel acquired from other NS Buyers and manufacturers or imported into NS.

Statistical returns were received from 172 Registered Buyers and there were no non-compliant buyers in 2014. Of the 172 buyers, 135 were reported to be active in the 2014 calendar year.

If you have any questions or comments about this report, contact the Registry of Buyers at (902) 893-5711.

Summary of Businesses by Primary Business Type - 2014

Business Type	2013	% of total harvest	2014	% of total harvest
Firewood Sales	12	0.8%	11	0.8%
Other	11	2.7%	12	5.0%
Pulp/Paper Mill	2	27.3%	2	32.4%
Sawmill	131	60.7%	123	53.6%
Wood Export	21	4.9%	20	2.1%
Energy Generation	4	3.6%	4	6.1%
Total No. of Buyers	181	100.0%	172	100.0%

**PROVINCIAL HARVEST BY PRIMARY FOREST
PRODUCT AND SPECIES TYPE
2014**

Product	Percent of Total Harvest	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Firewood	1%	50,089	492	50,581
Fuelwood	11%	184,596	222,190	406,786
Posts/Rails, House Logs	<1%	0	1,630	1,630
Pulpwood	42%	414,859	1,111,388	1,526,247
Studwood/Sawlogs	45%	55,034	1,601,438	1,656,472
OSB Wood/Veneer Logs	<1%	1336	0	1336
Totals	100%	705,914	2,937,138	3,643,052

**PRIMARY FOREST PRODUCT EXPORTS
BY PRODUCT AND SPECIES TYPE
2014**

Product	Percent of Total Export	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Pulpwood	99%	106,704	8839	115,543
Studwood/Sawlogs	<1%	186	326	512
OSB Wood/Veneer Logs	<1%	182	0	182
Firewood	<1%	582	0	582
Totals	100%	107,654	9,165	116,819

Note:

The volume of firewood harvest included in this report reflects only the amount acquired by registered commercial firewood businesses. Firewood businesses acquiring less than 1000 m3 are not required to register.

Through review of Natural Resources Canada surveys and other sources of information, the Department estimates that as much as 450,000 cubic metres of wood may be used as a household energy source on an annual basis in Nova Scotia.

TOTAL PROVINCIAL HARVEST – 2014
ALL LAND TENURES BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent of Harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	4%	S	111,856	0	111,856
		H	24,287	141	24,428
Antigonish	3%	S	68,048	0	68,048
		H	24,174	5,406	29,580
Cape Breton	3%	S	90,185	0	90,185
		H	9,203	0	9,203
Colchester	9%	S	244,792	0	244,792
		H	69,447	2,414	71,861
Cumberland	14%	S	358,311	9,099	367,410
		H	101,618	53,582	155,200
Digby	5%	S	196,287	0	196,287
		H	6,433	1,290	7,723
Guysborough	13%	S	396,525	0	396,525
		H	64,110	3,555	67,665
Hants	6%	S	158,279	0	158,279
		H	24,467	24,235	48,702
Halifax	10%	S	313,574	0	313,574
		H	33,324	4,079	37,403
Inverness	4%	S	136,247	0	136,247
		H	21,944	0	21,944
Kings	6%	S	170,550	0	170,550
		H	50,197	2,547	52,744
Lunenburg	6%	S	201,369	0	201,369
		H	23,182	8,331	31,513
Pictou	8%	S	199,635	0	199,635
		H	108,722	2,074	110,796
Queens	3%	S	98,975	0	98,975
		H	9,856	0	9,856
Richmond	3%	S	101,932	0	101,932
		H	14,392	0	14,392
Shelburne	1%	S	17,843	0	17,843
		H	7,846	0	7,846
Victoria	1%	S	33,815	0	33,815
		H	3,843	0	3,843
Yarmouth	1%	S	29,750	66	29,816
		H	1,215	0	1,215
Total	100%	S	2,927,973	9,165	2,937,138
		H	598,260	107,654	705,914
Grand Total			3,526,233	116,819	3,643,052

TOTAL PROVINCIAL HARVEST – 2014
CROWN TENURE BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent Of harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	6%	S	37,602	0	37,602
		H	16,192	0	16,192
Antigonish	2%	S	14,416	0	14,416
		H	1,106	0	1,106
Cape Breton	3%	S	26,369	0	26,369
		H	3,933	0	3,933
Colchester	<1 %	S	1,058	0	1,058
		H	323	0	323
Cumberland	2%	S	10,083	0	10,083
		H	175	3,930	4,105
Digby	5%	S	46,927	0	46,927
		H	2,609	0	2,609
Guysborough	27%	S	195,665	0	195,665
		H	47,636	256	47,892
Hants	3%	S	27,142	0	27,142
		H	1,099	0	1,099
Halifax	9%	S	71,350	0	71,350
		H	7,944	30	7,974
Inverness	10%	S	85,402	0	85,402
		H	6,422	0	6,422
Kings	8%	S	43,774	0	43,774
		H	25,865	0	25,865
Lunenburg	4%	S	23,733	0	23,733
		H	9,273	0	9,273
Pictou	8%	S	55,346	0	55,346
		H	15,309	91	15,400
Queens	2%	S	17,322	0	17,322
		H	4,217	0	4,217
Richmond	7%	S	48,571	0	48,571
		H	11,220	0	11,220
Shelburne	1%	S	3,589	0	3,589
		H	6,444	0	6,444
Victoria	2%	S	18,179	0	18,179
		H	2,736	0	2,736
Yarmouth	<1%	S	602	0	602
		H	756	0	756
Total	100%	S	727,130	0	727,130
		H	163,259	4,307	167,566
Grand Total			890,389	4,307	894,696

TOTAL PROVINCIAL HARVEST – 2014
INDUSTRIAL TENURE BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent of Harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	< 1%	S	663	0	663
		H	0	0	0
Antigonish	< 1%	S	340	0	340
		H	135	0	135
Cape Breton	< 1%	S	33	0	33
		H	0	0	0
Colchester	22%	S	60,801	0	60,801
		H	42,337	186	42,523
Cumberland	25%	S	81,734	2,976	84,710
		H	21,750	9,497	31,247
Digby	< 1%	S	757	0	757
		H	0	111	111
Guysborough	1%	S	2,739	0	2,739
		H	64	186	250
Hants	8%	S	29,335	0	29,335
		H	6,849	0	6,849
Halifax	26%	S	104,610	0	104,610
		H	16,019	1,747	17,766
Inverness	0%	S	0	0	0
		H	0	0	0
Kings	2%	S	5,823	0	5,823
		H	2,939	0	2,939
Lunenburg	< 1%	S	414	0	414
		H	0	0	0
Pictou	9%	S	19,626	0	19,626
		H	22,284	368	22,652
Queens	2%	S	10,339	0	10,339
		H	0	0	0
Richmond	4%	S	20,697	0	20,697
		H	0	0	0
Shelburne	0%	S	0	0	0
		H	0	0	0
Victoria	< 1%	S	36	0	36
		H	0	0	0
Yarmouth	< 1%	S	0	66	66
		H	0	0	0
Total	100%	S	337,947	3,042	340,989
		H	112,377	12,095	124,472
Grand Total			450,324	15,137	465,461

TOTAL PROVINCIAL HARVEST – 2014
PRIVATE TENURE BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent of Harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	4%	S	73,591	0	73,591
		H	8,095	141	8,236
Antigonish	4%	S	53,292	0	53,292
		H	22,933	5,406	28,339
Cape Breton	3%	S	63,783	0	63,783
		H	5,270	0	5,270
Colchester	9%	S	182,933	0	182,933
		H	26,787	2,228	29,015
Cumberland	17%	S	266,494	6,123	272,617
		H	79,693	40,155	119,848
Digby	7%	S	148,603	0	148,603
		H	3,824	1,179	5,003
Guysborough	9%	S	198,121	0	198,121
		H	16,410	3,113	19,523
Hants	6%	S	101,802	0	101,802
		H	16,519	24,235	40,754
Halifax	6%	S	137,614	0	137,614
		H	9,361	2,302	11,663
Inverness	3%	S	50,845	0	50,845
		H	15,522	0	15,522
Kings	6%	S	120,953	0	120,953
		H	21,393	2,547	23,940
Lunenburg	9%	S	177,222	0	177,222
		H	13,909	8,331	22,240
Pictou	9%	S	124,663	0	124,663
		H	71,129	1,615	72,744
Queens	3%	S	71,314	0	71,314
		H	5,639	0	5,639
Richmond	2%	S	32,664	0	32,664
		H	3,172	0	3,172
Shelburne	1%	S	14,254	0	14,254
		H	1,402	0	1,402
Victoria	1%	S	15,600	0	15,600
		H	1,107	0	1,107
Yarmouth	1%	S	29,148	0	29,148
		H	459	0	459
Total	100%	S	1,862,896	6,123	1,869,019
		H	322,624	91,252	413,876
Grand Total			2,185,520	97,375	2,282,895

TOTAL PROVINCIAL HARVEST – 2014
FEDERAL TENURE BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent Of Harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	0%	S	0	0	0
		H	0	0	0
Antigonish	0%	S	0	0	0
		H	0	0	0
Cape Breton	0%	S	0	0	0
		H	0	0	0
Colchester	0%	S	0	0	0
		H	0	0	0
Cumberland	0%	S	0	0	0
		H	0	0	0
Digby	0%	S	0	0	0
		H	0	0	0
Guysborough	0%	S	0	0	0
		H	0	0	0
Hants	0%	S	0	0	0
		H	0	0	0
Halifax	0%	S	0	0	0
		H	0	0	0
Inverness	0%	S	0	0	0
		H	0	0	0
Kings	0%	S	0	0	0
		H	0	0	0
Lunenburg	0%	S	0	0	0
		H	0	0	0
Pictou	0%	S	0	0	0
		H	0	0	0
Queens	0%	S	0	0	0
		H	0	0	0
Richmond	0%	S	0	0	0
		H	0	0	0
Shelburne	0%	S	0	0	0
		H	0	0	0
Victoria	0%	S	0	0	0
		H	0	0	0
Yarmouth	0%	S	0	0	0
		H	0	0	0
Total	0%	S	0	0	0
		H	0	0	0
Grand Total			0	0	0

Sawmills by Acquisition Class – 2014

Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring over 200 000 per year</u>		
Harry Freeman & Son Ltd. J.D. Irving – Truro Lumber Scotsburn Lumber Ltd.	Greenfield Valley Scotsburn	Queens Colchester Pictou
<u>Acquiring 50 001 to 200 000 per year</u>		
Elmsdale Lumber Co. Ltd. F.W Taylor Lumber Ltd. Ledwidge Lumber Co. Ltd.	Elmsdale Middle Musquodoboit Enfield	Halifax Halifax Halifax
<u>Acquiring 10 001 to 50 000 per year</u>		
Groupe Savoie Westville Division Hefler Forest Products Ltd. J.A. Turner & Sons (1987) Ltd. Lewis Mouldings & Wood Specialties Turner and Turner Lumber Ltd. Williams Brothers (2013) Ltd.	Westville Lower Sackville West Northfield Weymouth Bridgewater Barney's River	Pictou Halifax Lunenburg Digby Lunenburg Pictou
<u>Acquiring 3 001 to 10 000 per year</u>		
A.F.T. Sawmill Ltd. Elmer Lohnes Lumbering Ltd. Hurlburt Lumber Ltd. New Arbor Products Limited S. G. Levy & Sons Ltd.	Meteghan River Wileville South Ohio Truro Wolfville	Digby Lunenburg Yarmouth Colchester Kings

Sawmills by Acquisition Class – 2014

Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring 1 001 to 3 000 per year

B.A. Fraser Lumber Ltd.	Margaree Valley	Inverness
Baddeck Valley Wood Producers	Baddeck	Victoria
Dave's Lumber Ltd.	Pictou	Pictou
E & M Burgess Enterprises Ltd.	Newport Station	Hants
Halifax HT Pallets and Products Ltd.	Stewiacke	Colchester
Hugh MacInnis Lumber Ltd.	Frenchvale	Cape Breton
Lester D. Collicutt Lumber Ltd.	Chester	Lunenburg
Maurice Bruhm Ltd.	Mahone Bay	Lunenburg
North Range Forest Products	Barton	Digby
Thomas Scott Lumber Ltd.	Barrington	Shelburne

Acquiring 1 to 1 000 per year

Aubrey Conrad	Branch LaHave	Lunenburg
Barrett Lumber Company Limited	Beaver Bank	Halifax
Barry George	Christmas Island	Cape Breton
Barss Corner Lumber	New Germany	Lunenburg
Benjamin T. Otter	West Branch	Pictou
Bill Johns	Digby	Digby
Brad Lilly	Lawrencetown	Annapolis
Bras d'Or Mobile Milling Company Ltd.	Black Rock	Victoria
Brown's Portable Sawmill	Caribou River	Colchester
C. James Nickerson	Clyde River	Shelburne
Cecil MacLennan	Benacadie West	Cape Breton
Charlie Jodrey	Westphal	Halifax
Cogmagun Sawmilling	Centre Burlington	Hants
Conway Workshop Association	Digby	Digby
D Robinson	Aylesford	Kings
Doug's Portable Custom Sawing	Debert	Colchester
Douglas and Charles Moore Lumber	Upper North Sydney	Cape Breton
Edward Atwood	Barrington	Shelburne
Edward Quinlan	Clark's Harbor	Shelburne
Far East Enterprises	Antigonish	Antigonish
Fisherman's Choice Trap Builders	River John	Pictou

Sawmills by Acquisition Class – 2014

Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring 1 to 1 000 per year</u>		
Fleur De Lis Sawmill	L'Ardoise	Richmond
Forsyth & Forsyth Lumbering	Coldbrook	Kings
Frank and Jack Penny	Springfield	Annapolis
Free Spirit Farm	Tatamagouche	Colchester
Garnett Davison	Newport	Hants
Gary LeBlanc Logging & Lumber	Church Point	Digby
Gerry Falconer	Scotsburn	Pictou
Gordon Bezanson	Moser River	Guysborough
Greenwood Meadows Ltd.	Baddeck	Victoria
Harold Fox	Valley	Colchester
Hillside Lumber	South Side Boularderie	Cape Breton
James Johnson	Truro	Colchester
Jeffrey Robar	Chelsea	Lunenburg
Jody Davis	Shelburne	Shelburne
John and Everett Rand	Canning	Kings
John MacLean	Little Narrows	Victoria
Joseph Breen	Afton	Antigonish
KAPP Lumber Mill & Production	Little Liscomb	Guysborough
Karl Dueck	Upper Kennetcook	Hants
L. E. Elliott Lumber Ltd.	New Ross	Lunenburg
Larch Wood Enterprises	Margaree	Inverness
Lawrence Rudolph	Little Liscome	Guysborough
Leslie Harlow	Queens	Queens
MacLean's Sawmill	Antigonish	Antigonish
Mark Ripley	Oxford Junction	Cumberland
Meander Wood Services	Newport	Hants
Merrill Sarty	Conquerall Mills	Lunenburg
Michael and Henry Silver	North Brookfield	Queens
Michael Joudrey	River John	Pictou
Middle River Contracting Ltd.	Westville	Pictou
Neil MacKeigan Lumber Company Ltd.	Albert Bridge	Cape Breton
Nolan Mullen	Weymouth	Digby
Northfire Farms	Bridgewater	Shelburne
Parkwood Land Management Limited	Hopewell	Pictou
Payson Dobson Lumber Ltd.	Westchester	Cumberland
Peter Lawrence	Brooklyn	Queens

Sawmills by Acquisition Class – 2014

Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring 1 to 1 000 per year</u>		
Pick Family Hobby Mill	Newport	Hants
R.D. Risser Milling	Middle Musquodoboit	Halifax
Randall Dearmond	Beaver Brook	Colchester
Richard Neily	Falmouth	Hants
Rivers Bend Wood Products	St. Andrews	Antigonish
Robert Gaudet Firewood & Lumber	Corberrie	Digby
Robert Lees	Westville	Pictou
Robert Todd	Laconia	Lunenburg
Ron Levy	Windsor	Hants
Shawn Eldridge	Falmouth	Hants
Shelburne Barrel Factory	Shelburne	Shelburne
Sherbrooke Village Sawmill	Sherbrooke	Guysborough
Theodore Bruhm	West Northfield	Lunenburg
Timothy Barteaux	Annapolis Royal	Annapolis
W.R. Chisholm & Sons Trucking Ltd.	Scotsburn	Pictou
Wayne B. Millett Lumber	Chester Basin	Lunenburg
Wayne Comeau	Saulinerville	Digby
Webster Farms Ltd.	Cambridge Station	Kings

Acquiring None

A.G. Spears Sawmill	Shelburne	Shelburne
C.E. Harrison & Sons	Parrsboro	Cumberland
Central Cape Breton Forestry Serv.	Benacadie	Cape Breton
Chuck Grady	Mulgrave	Guysborough
D & E Sawmill	Yarmouth	Yarmouth
Dale Page	Mount Uniacke	Hants
Daniel J. LeBlanc	Concession	Digby

Sawmills by Acquisition Class – 2014

Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring None

Danny Gaudet	Church Point	Digby
Dawson Baker	Chester	Lunenburg
Felix Comeau	Little Brook	Digby
Grand Elm Farm	Newport	Hants
Hazeldale Milling & Trucking Ltd.	Little Narrows	Victoria
John Ford	Caledonia	Queens
Laurent Thibodeau & Son	Saulnierville	Digby
M. R. MacDonald Holdings 11 Limited	New Glasgow	Pictou
MacDonald's Sawmill	Sherbrooke	Guysborough
Marwood Glenholme	Bedford	Colchester
Paul Roach	Middleton	Annapolis
Raymond Campbell	Wentworth	Colchester
Trijec Lumber Ltd.	Nuttby	Colchester
Wolfgang Development Ltd.	Tantallon	Halifax

Wood Export Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring over 3000 per year

Athol Forestry Cooperative	Amherst	Cumberland
Great Northern Timber International	Halifax	Halifax
River Philip Contracting	Oxford	Cumberland

Acquiring 1 to 3000 per year

Arbec Forest Products G.P.	Miramichi	New Brunswick
H.C. Haynes	Clifton	Colchester
New Wave Forestry	Thorburn	Pictou
North Nova Forest Owners Co-op Limited	Wentworth	Cumberland
Verso Paper	Dover-Foxcroft	Maine

Acquiring none

3268239 Nova Scotia Ltd.	Digby	Digby
AV Nackawic Inc	Nackawic	New Brunswick
Bob O'Leary	Truro	Colchester
Century Forestry Consultants Ltd.	Pictou	Pictou
Charles Perry Forestry Services Ltd.	Parrsboro	Cumberland
John Baird	Oxford	Cumberland
Kevin Langille Logging & Contracting	Scotsburn	Pictou
Little River Farms	Oxford	Cumberland
Melvin Langille	Tatamagouche	Colchester
Milltown Forestry Services Ltd.	Old Barns	Colchester
Red Point Export Ltd.	Jamesville	Victoria
Wagner Forest N.S. Ltd.	Truro	Colchester

Firewood Sales Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring over 1 000 per year</u>		
Barrett Enterprises	Lower Sackville	Halifax
Brazil Lake Enterprises	South Ohio	Yarmouth
Conform Ltd.	Middle Musquodoboit	Halifax
Dave Grandy Trucking Ltd.	Tatamagouche	Colchester
E.B. Corkum Farm & Forest Ltd.	Port Williams	Kings
Future Forestry Service Co-Op	New Glasgow	Pictou
Good Wood Fuel	Bedford	Halifax
Wilfred H. Kinsman Forest Products	Cambridge	Kings

Acquiring 1 to 1 000 per year

J.W. Tanner Logging Ltd.	Bass River	Colchester
LaForet Acadienne Limitee	Church Point	Digby
Wayne Rowter	Caledonia	Queens

Fuel Chips Sales Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring over 1 per year</u>		
North-Lumber-Land Resources Ltd.	Truro	Colchester
Spec Environmental Solutions Inc.	Concession	Digby

Log Homes Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring over 1 per year</u>		
Chedabucto Log Home Construction Ltd. Heartwood Log Homes Ltd.	Boylston Margaretsville	Guysborough Annapolis
<u>Acquiring none</u>		
Kenomee Log Homes	Economy	Colchester

Poles/Post Plant Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>County</u>
<u>Acquiring over 1 per year</u>		
Corkum's Forest Products Mike Falkenham Russell Bros. Logging	Falmouth Lunenburg Upper Stewiacke	Hants Lunenburg Colchester
<u>Acquiring none</u>		
Stella Jones Inc.	Truro	Colchester

Pulp/Paper Mill Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring over 50 000 per year

Northern Pulp Nova Scotia Corporation	New Glasgow	Pictou
Port Hawkesbury Paper LP	Port Hawkesbury	Richmond

Hardboard Mill Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring over 5000 per year

Louisiana – Pacific Canada Ltd.	Chester	Lunenburg
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Energy Generating Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME

LOCATION

COUNTY

Acquiring over 5,001per year

Brooklyn Power Corporation	Brooklyn	Queens
Nova Scotia Power Inc.	Port Hawkesbury	Richmond

Acquiring 1 to 500 per year

CBEX Renewable Energy Inc.	Glace Bay	Cape Breton
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Acquiring None

Cellufuel Inc.	Digby	Digby
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Pellet Plant Businesses – 2014

Note: Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

<u>NAME</u>	<u>LOCATION</u>	<u>COUNTY</u>
<u>Acquiring over 5,000 per year</u>		
Scotia Atlantic Biomass Company Ltd.	Middle Musquodoboit	Halifax
<u>Acquiring 1000 to 5000 per year</u>		
Shaw Resources	Shubenacadie	Hants

Nova Scotia Sawmills by Production Class – 2014

*Production Class (fbm)	Number of Sawmills	Production (fbm)	Percent of Total Production	Average Production per Mill (fbm)
1 – 20,000	38	320,547	0.11 %	8,435
20,001- 100,000	26	1,058,991	0.36 %	40,730
100,001 - 500,000	20	4,083,567	1.38 %	204,178
500,001 -1,000,000	3	2,017,269	0.68 %	672,423
1,000,001 – 3,000,000	4	6,893,973	2.34 %	1,723,493
3,000,001 – 10,000,000	5	25,074,705	8.50 %	5,014,941
over 10,000,000	6	255,466,047	86.63 %	42,577,675
Total	102	294,915,099	100%	

*21 Nova Scotia Sawmills had no production in 2014

Secondary Forest Products – 2014

Product	Softwood m³	Hardwood m³	Total m³
Firewood/Slabwood	7,212	52,260	59,472
Fuel Chips/Energy Chips/Pellets	74,673	13,651	88,324
Baskets, Components, Cutting Boards, Flooring, Fruit Boxes, Mouldings	0	1,770	1,770
Hog Fuel	409,873	4,310	414,183
Sawn Products	968,123	24,364	992,487
Pulp/Paper/Hardboard	544,907	84,382	629,289
Poles/Posts/Pilings/House Logs & Railway ties	2063	4,506	6,569
Shavings	54,797	0	54,797
Sawdust	95,459	4,462	99,921
Pulp Quality Chips	884,474	54,852	939,326

REGISTERED BUYERS BY BUSINESS TYPE AND COUNTY – 2014

County	Saw mill	Pulp Mill	Wood Export	Hardboard Mill	Firewood	Posts & Poles	Energy Gen.	Fuel Chips/ Chip Plant	Log Homes	Pellet Plant	Total
Annapolis	4	-	-	-	-	-	-	-	1	-	5
Antigonish	4	-	-	-	-	-	-	-	-	-	4
Cape Breton	7	-	-	-	-	-	1	-	-	-	8
Colchester	12	-	5	-	2	2	-	1	1	-	23
Cumberland	3	-	6	-	-	-	-	-	-	-	9
Digby	13	-	1	-	1	-	1	1	-	-	17
Guysborough	6	-	-	-	-	-	-	-	1	-	7
Hants	12	-	-	-	-	1	-	-	-	1	14
Halifax	7	-	1	-	3	-	-	-	-	1	12
Inverness	2	-	-	-	-	-	-	-	-	-	2
Kings	5	-	-	-	2	-	-	-	-	-	7
Lunenburg	14	-	-	1	-	1	-	-	-	-	16
Pictou	13	1	3	-	1	-	-	-	-	-	18
Queens	5	-	-	-	1	-	1	-	-	-	7
Richmond	1	1	-	-	-	-	1	-	-	-	3
Shelburne	8	-	-	-	-	-	-	-	-	-	8
Victoria	5	-	1	-	-	-	-	-	-	-	6
Yarmouth	2	-	-	-	1	-	-	-	-	-	3
Out of Prov.	-	-	3	-	-	-	-	-	-	-	3
Total	123	2	20	1	11	4	4	2	3	2	172

Fig.1

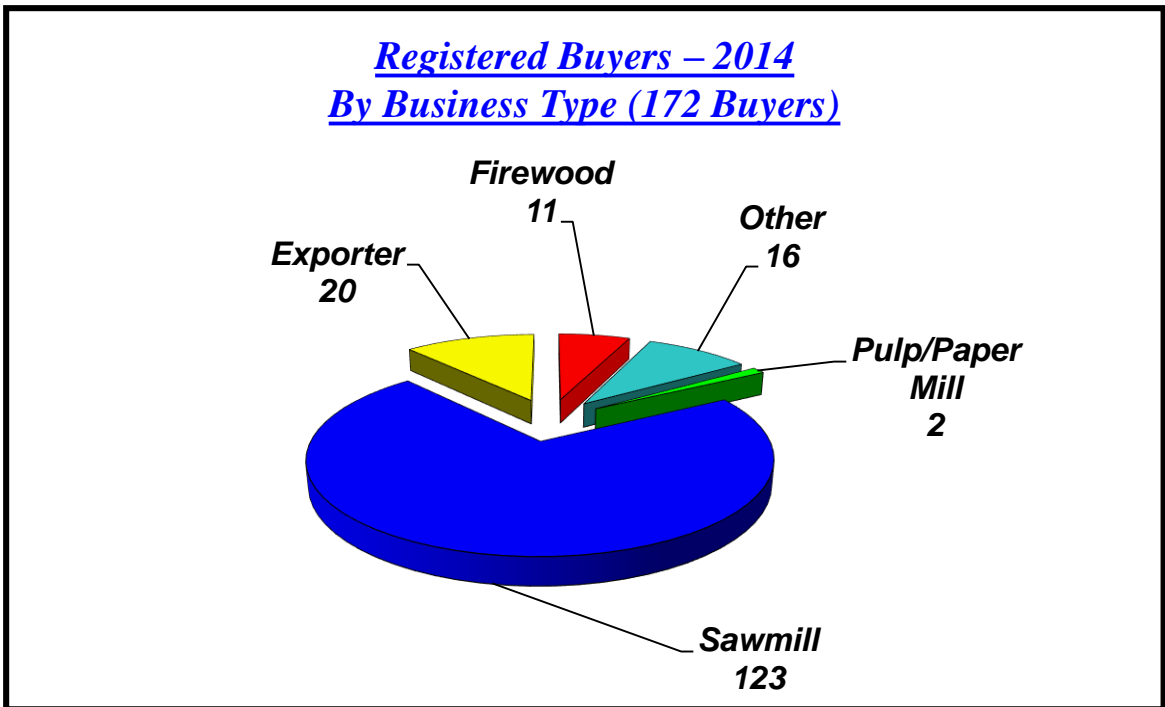


Fig.2

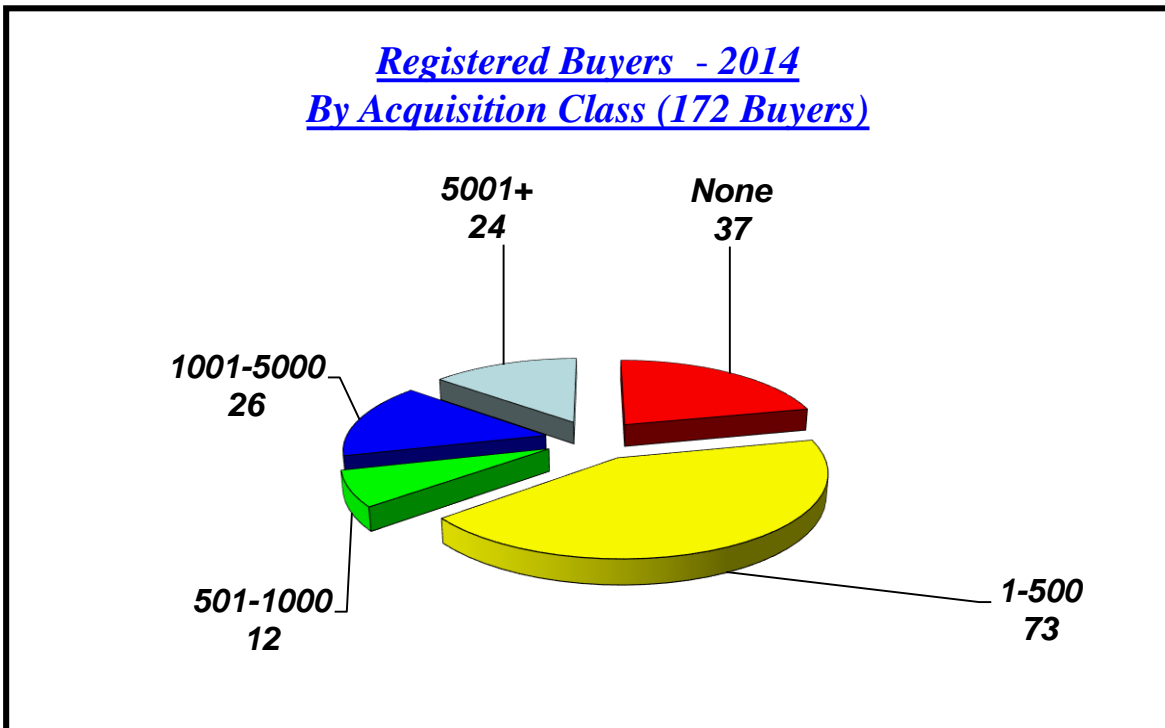


Fig.3

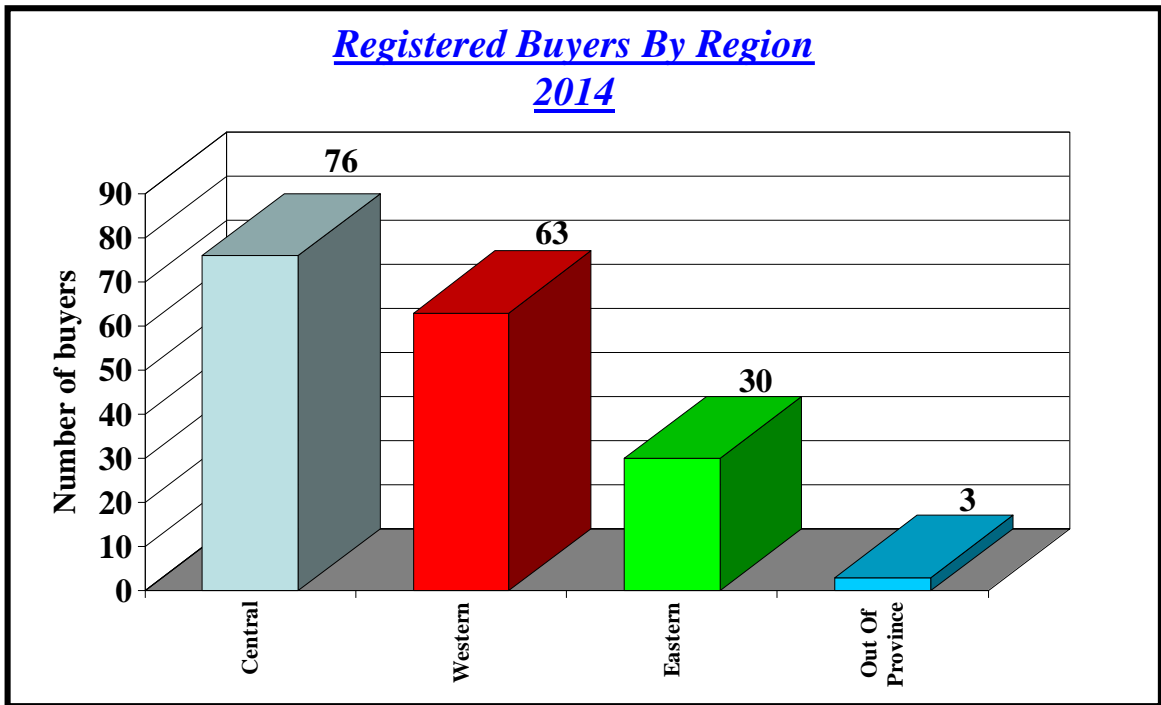


Fig.4

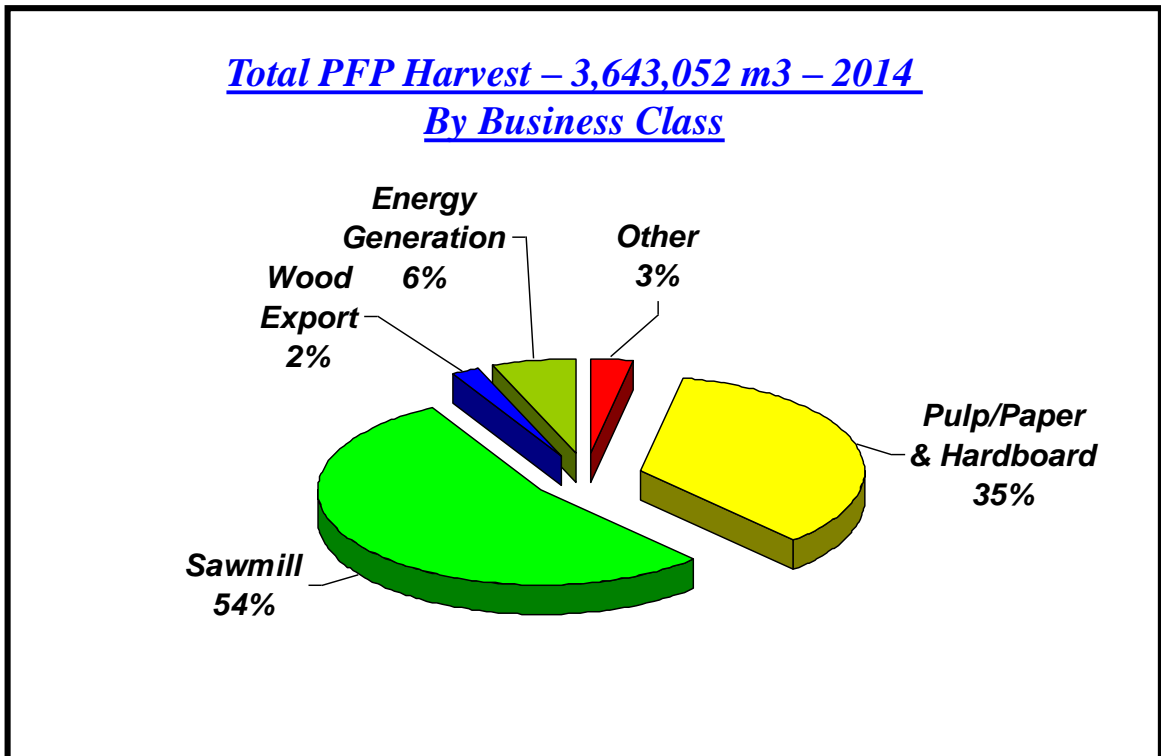


Fig.5

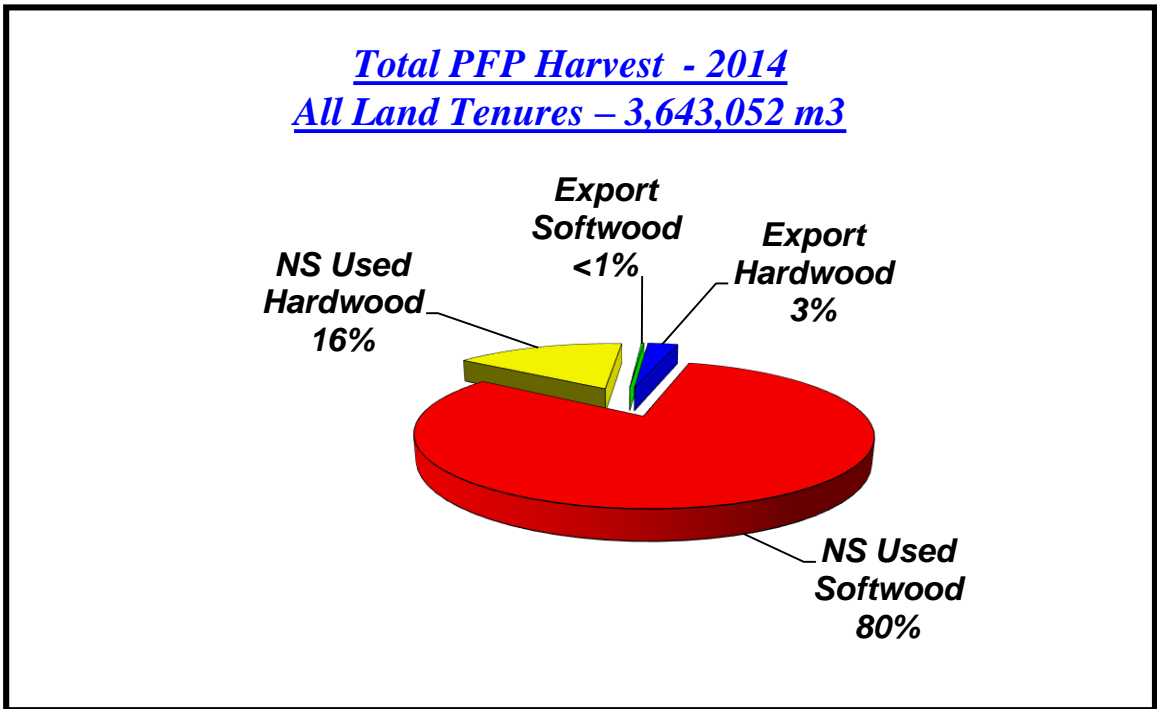


Fig.6

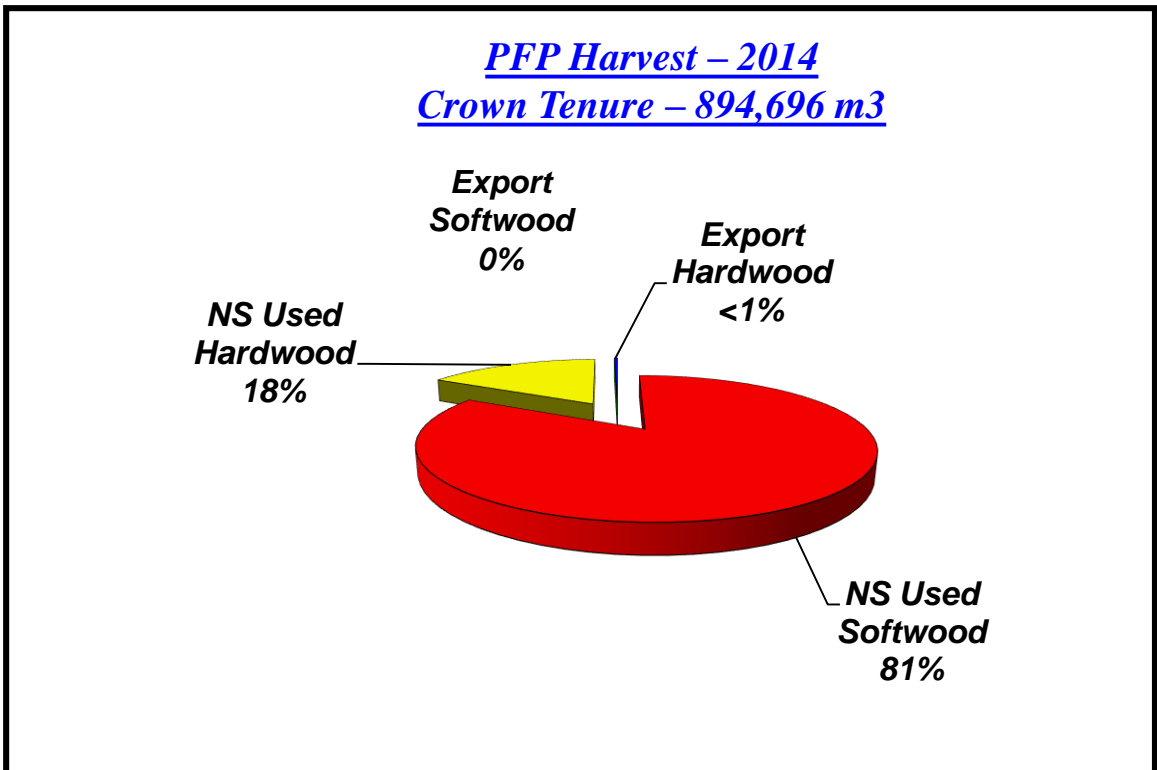


Fig.7

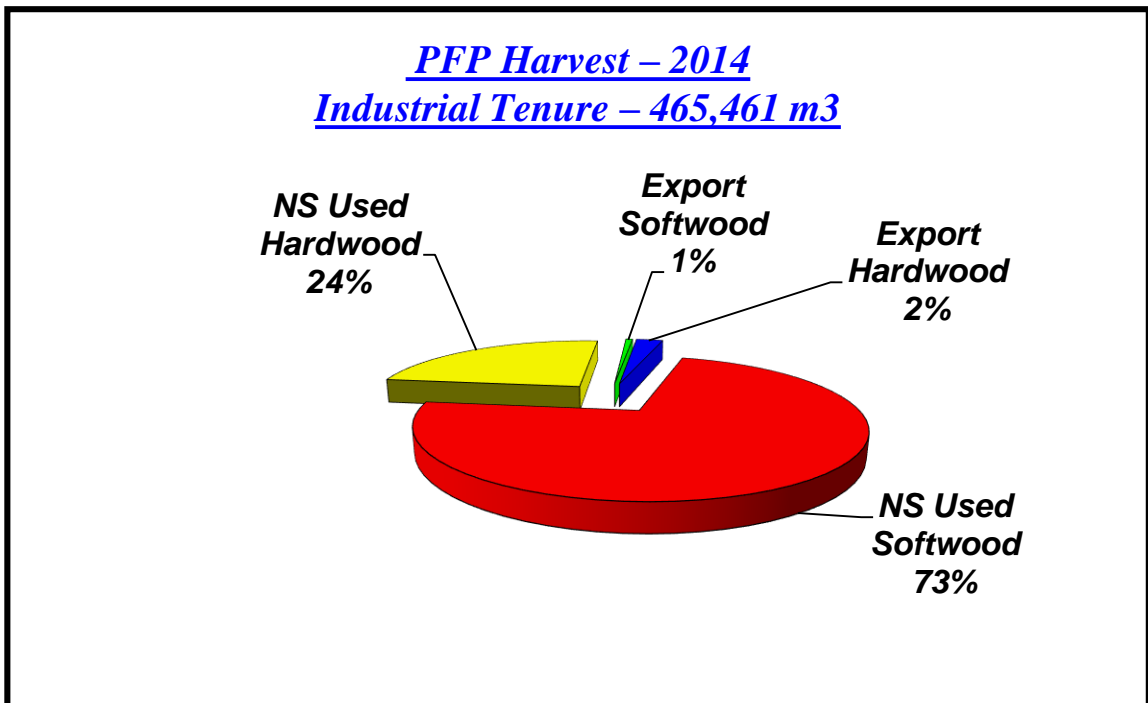


Fig.8

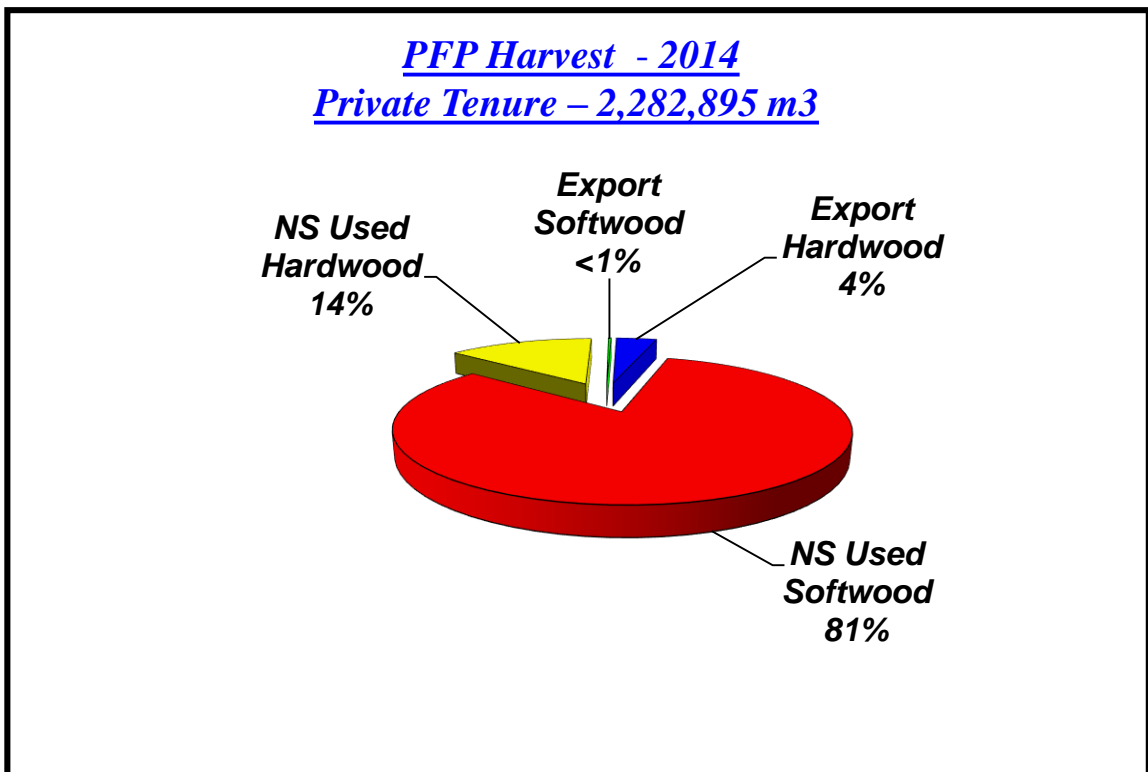


Fig.9

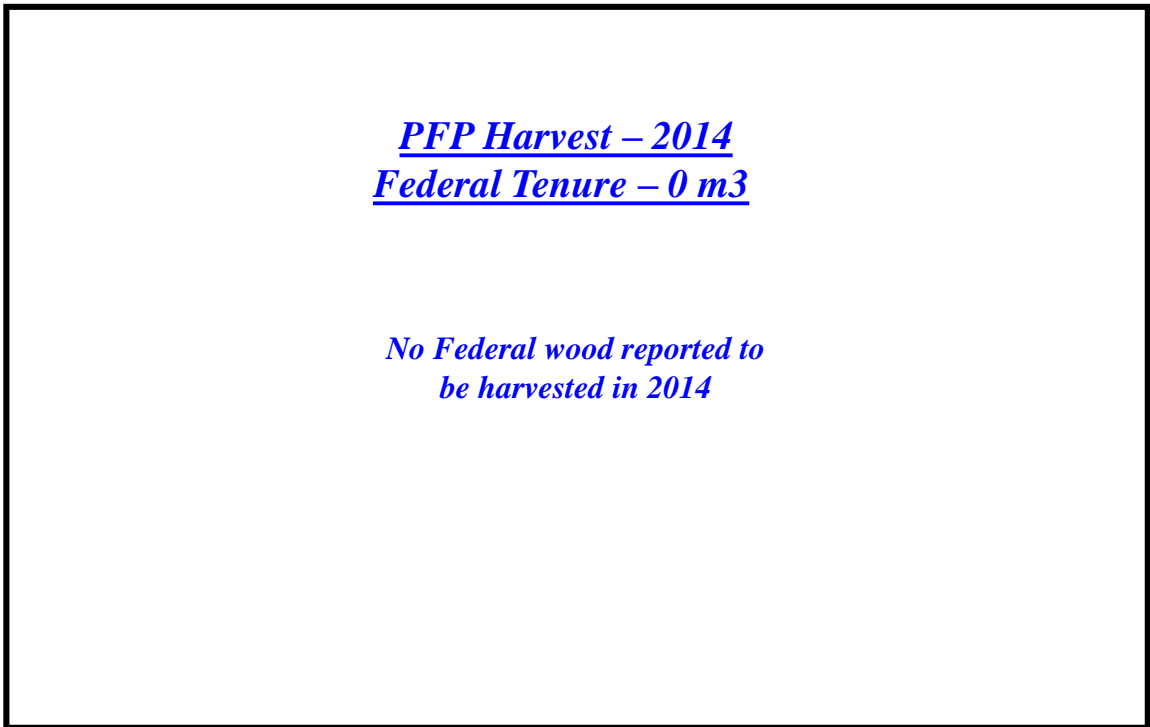


Fig.10

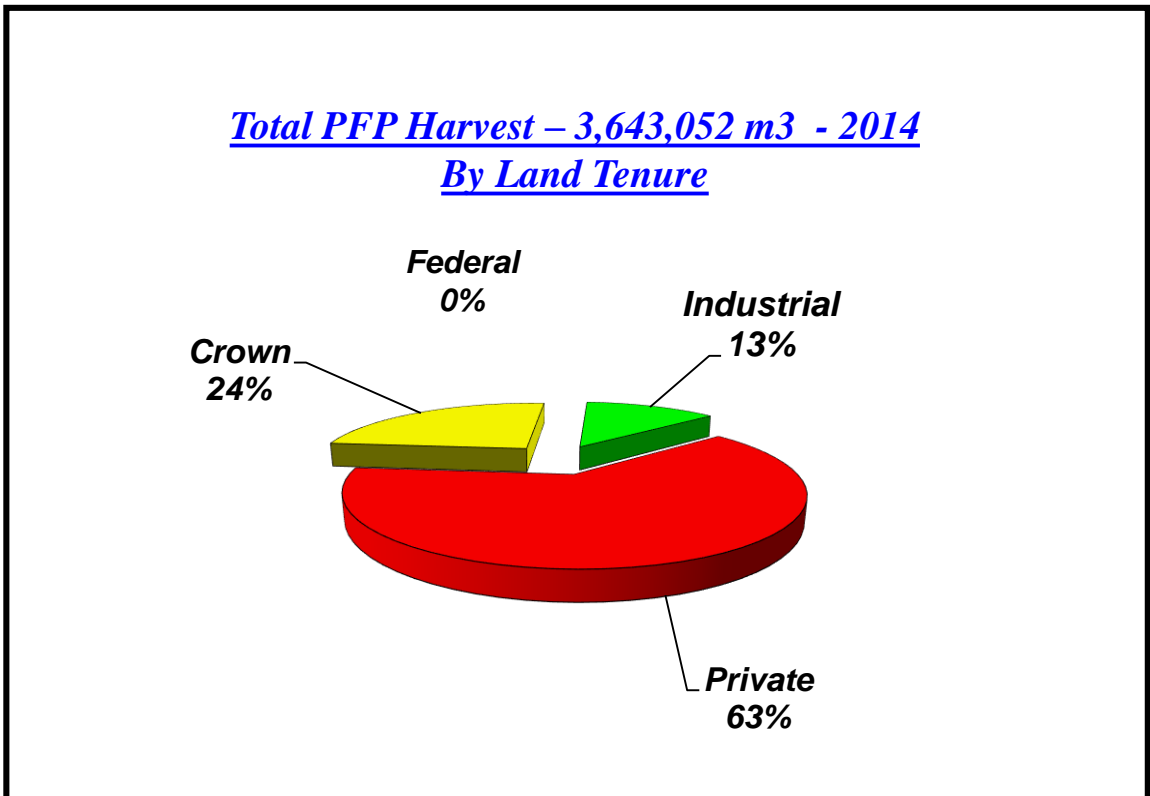


Fig.11

Imported PFP – 414,112 m³ - 2014
By Point of Origin

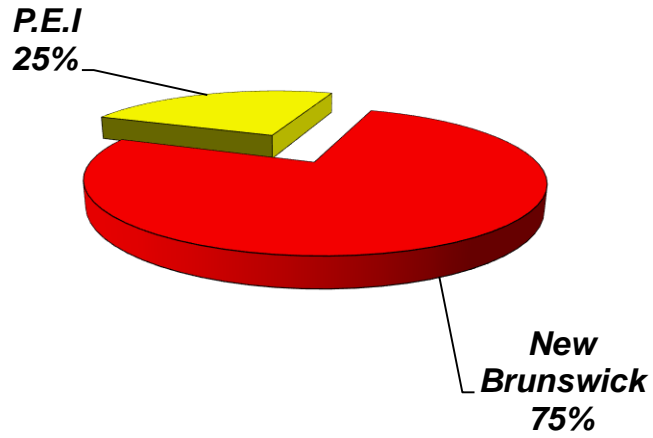


Fig.12

PFP Exported – 116,819 m³ – 2014
By Destination

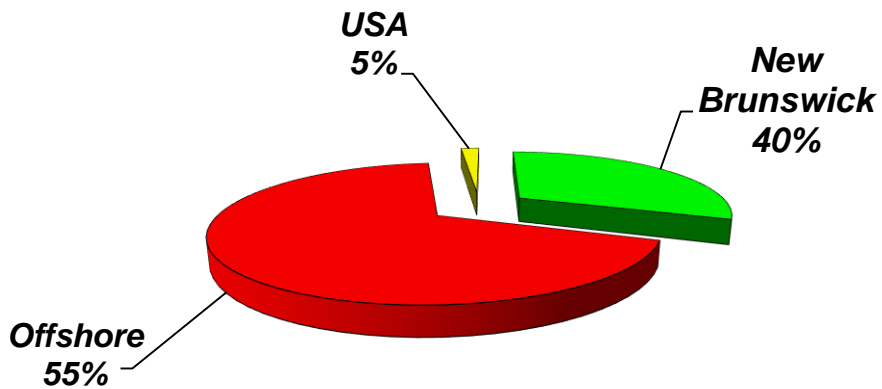


Fig.13

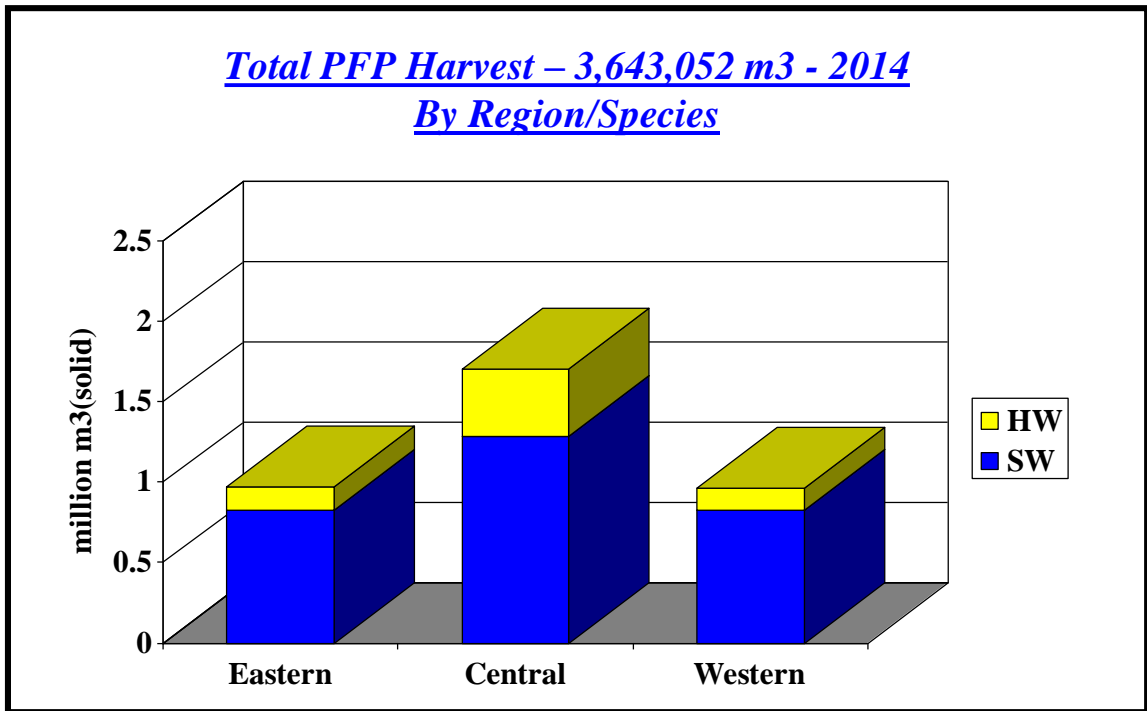


Fig.14

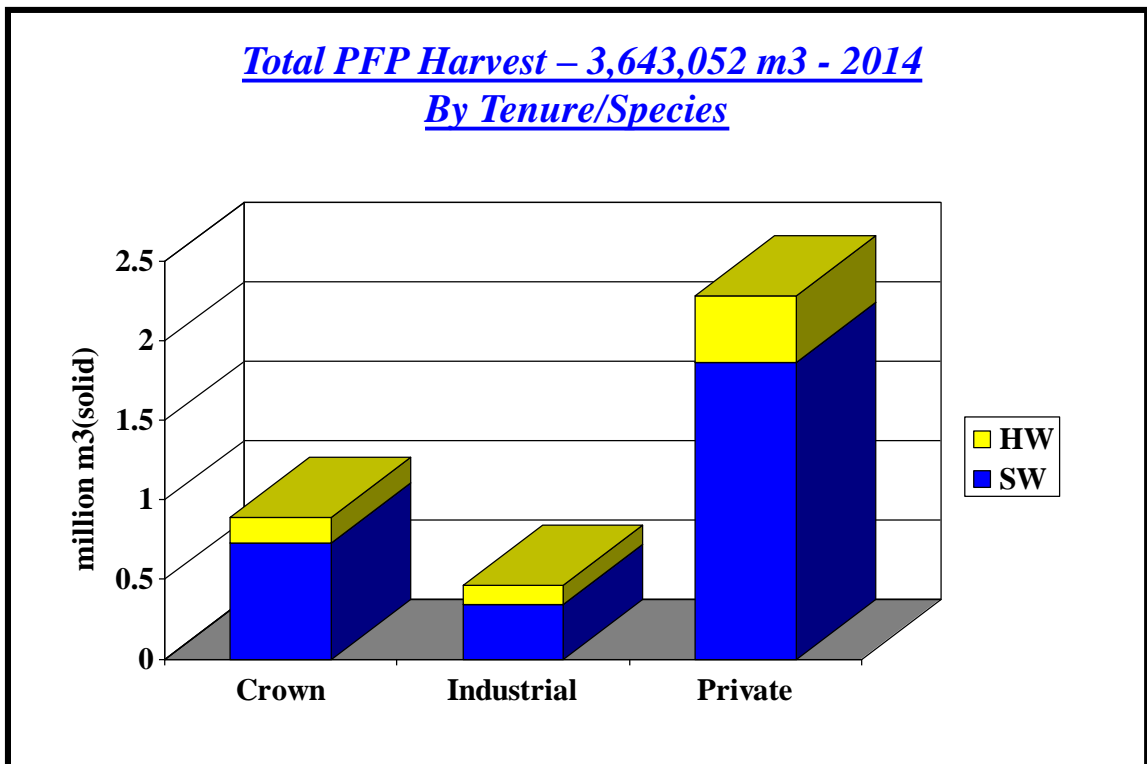


Fig. 15

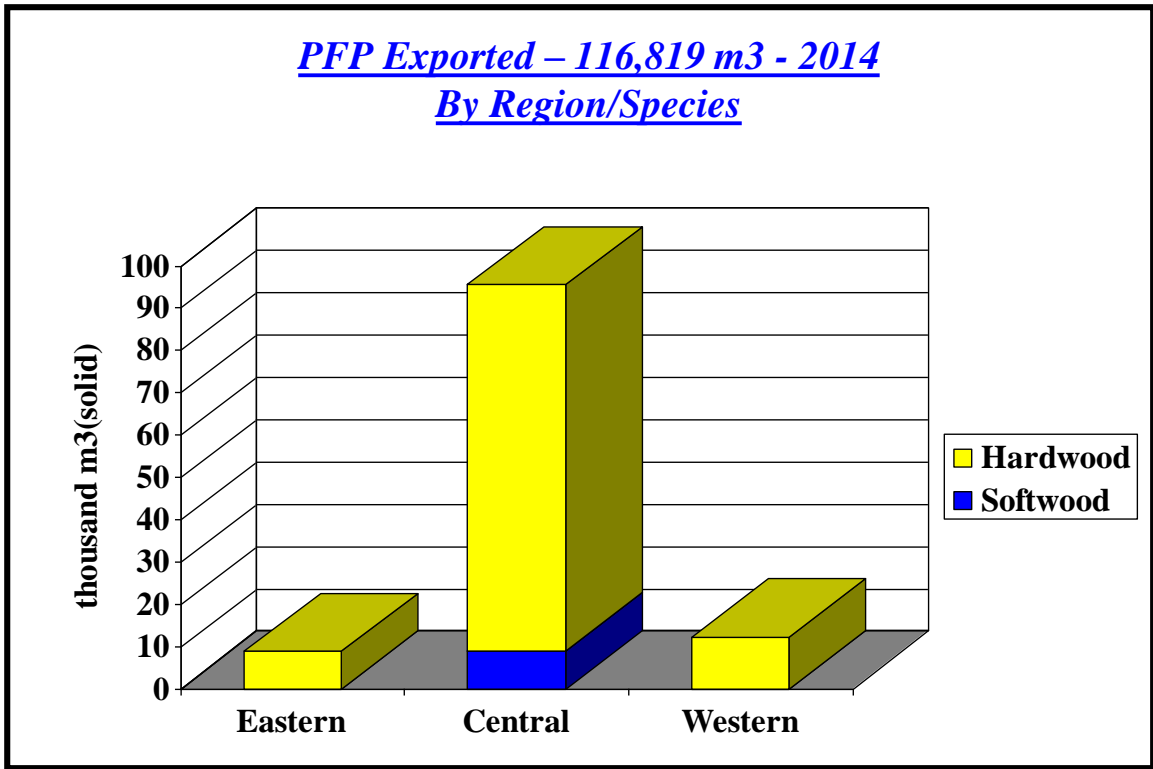


Fig.16

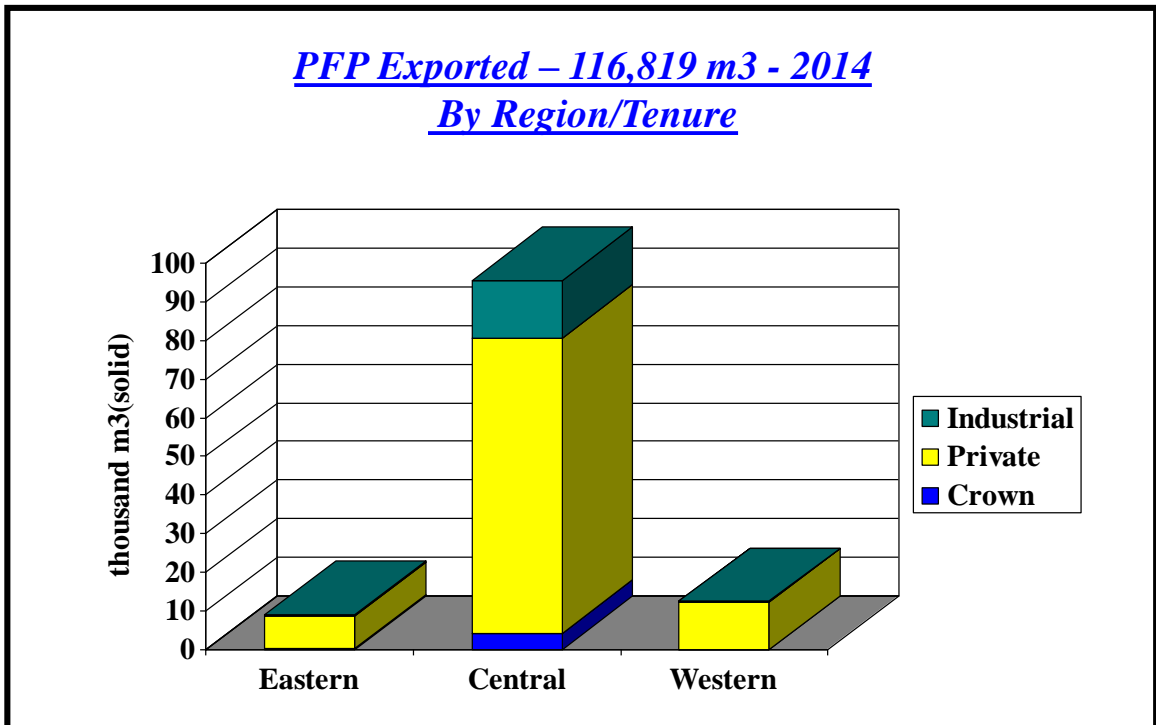


Fig.17

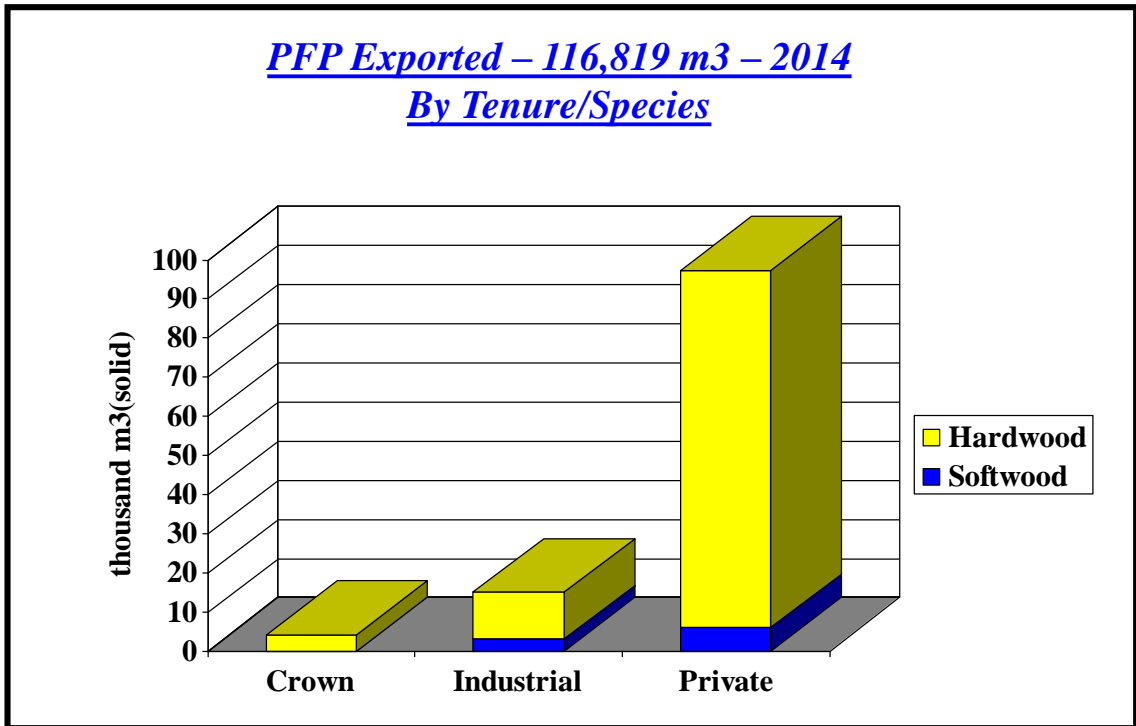


Fig.18

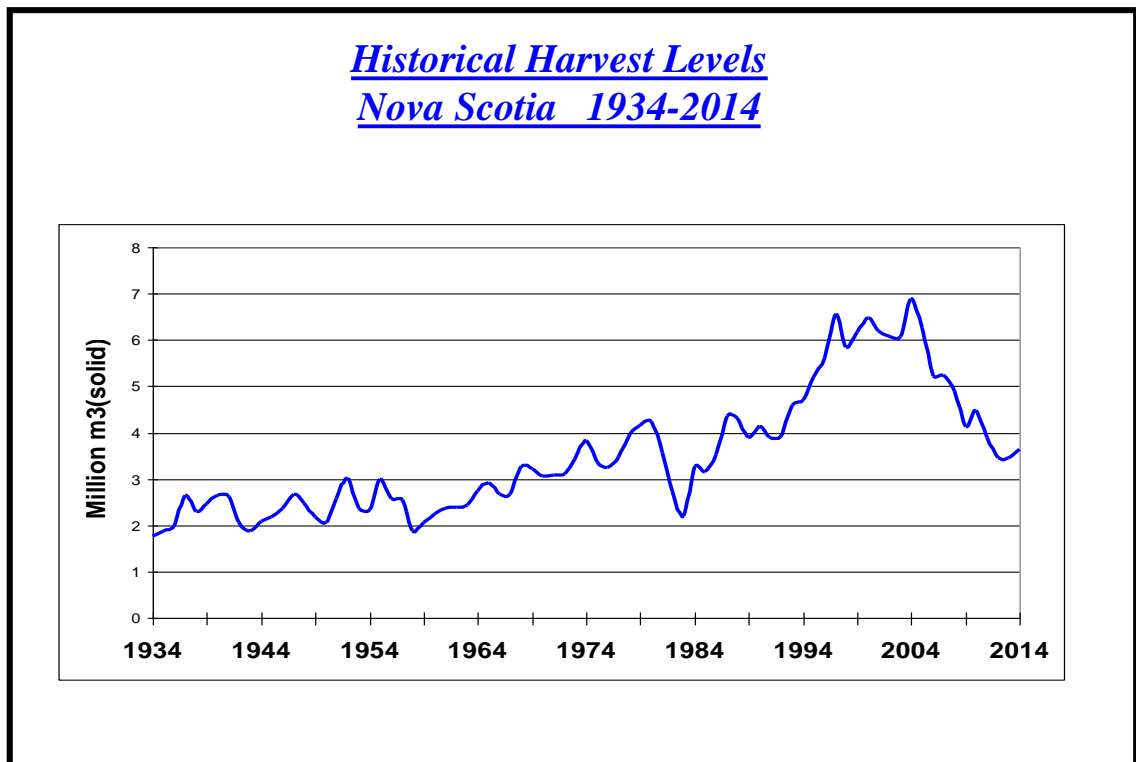


Fig.19

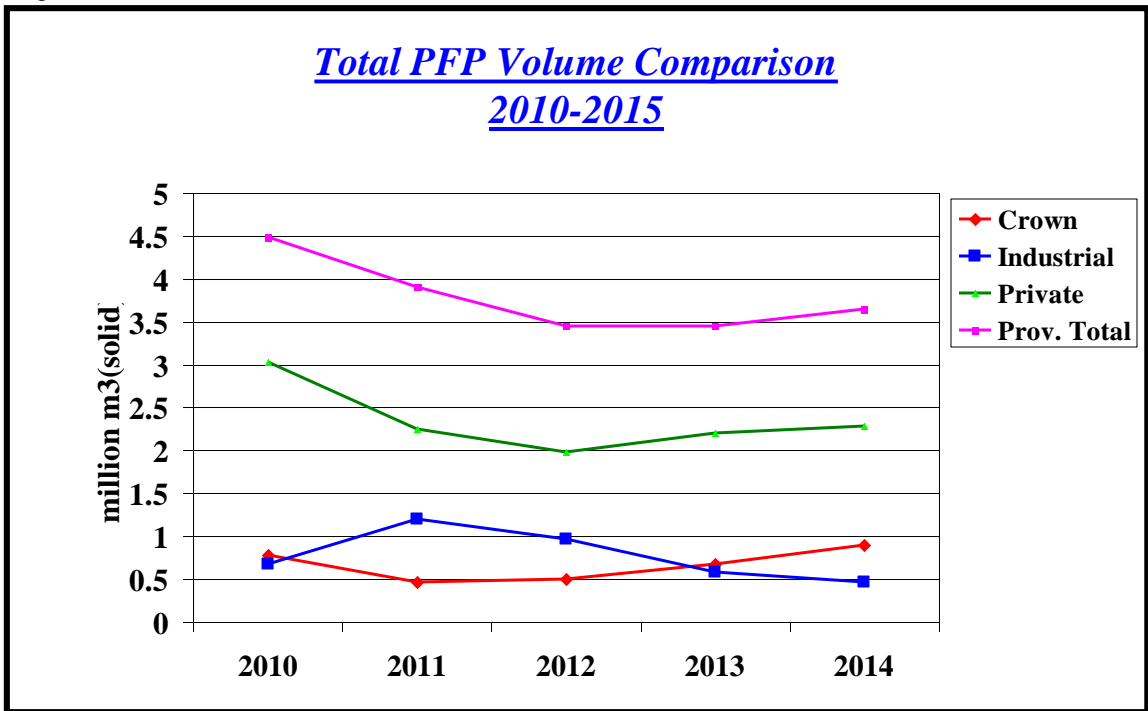


Fig.20

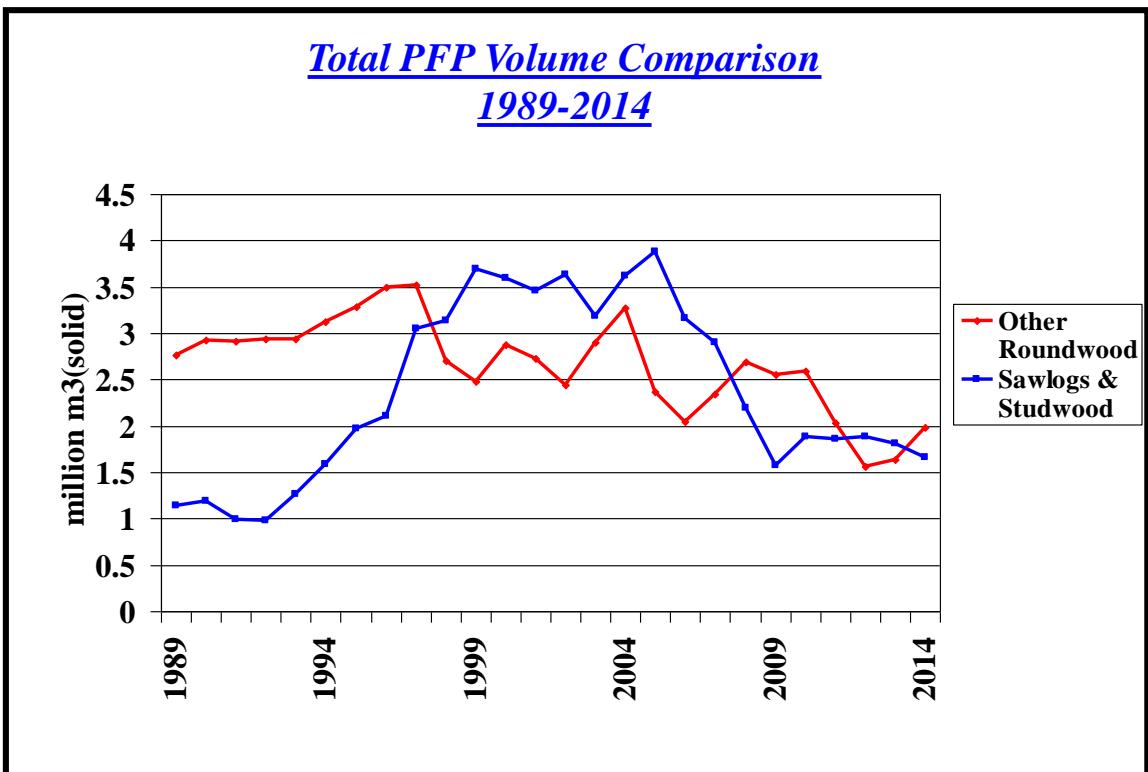


Fig.21

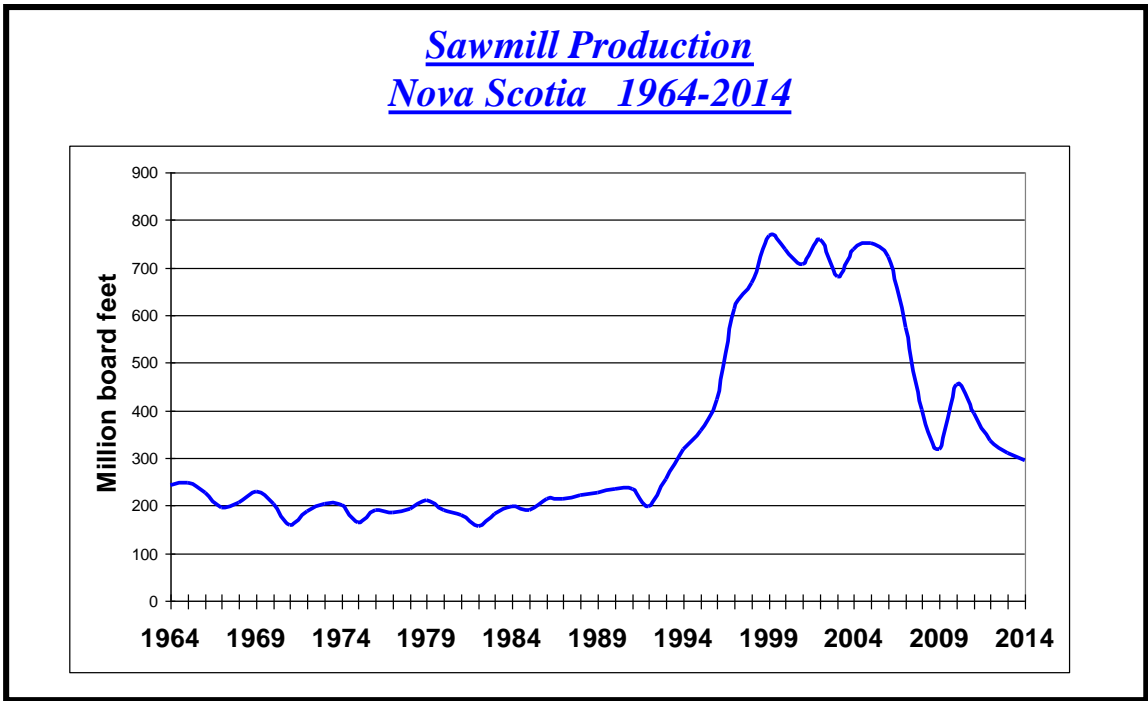
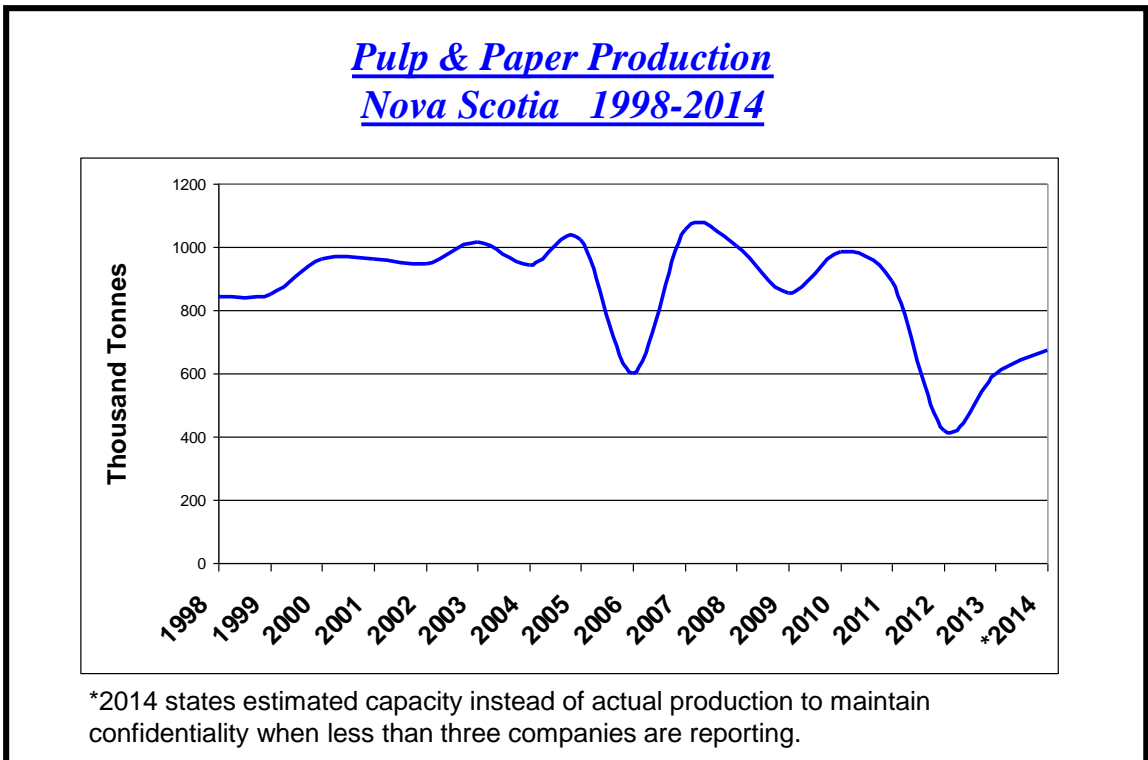


Fig.22



WOOD ACQUISITION PLAN PROGRAM SUMMARY 2014

The Wood Acquisition Plan (WAP) Program required by the Forest Sustainability Regulations, completed its 15th year of operation in 2014. All Registered Buyers who, in 2014, acquired greater than 5,000 cubic metres of wood from privately owned forest land in Nova Scotia, were required to submit a WAP by February 28th, 2015 for the volume of wood they acquired.

The volumes for 2014 that required a WAP totaled 2,662,721 cubic metres, accounting for 73% of the total harvest. Table 1 of the report details the acquired volumes by softwood and hardwood as well as private and industrial owners.

From the volumes reported in Table 1, a total of 6,806,158 silviculture credits were required to be submitted for the 2,662,721 cubic metres of wood Registered Buyers acquired. Table 1 also shows that the Registered Buyers submitted a total (including associated administrative credits) of 5,479,994 silviculture credits. All Registered Buyers who required a WAP for 2014 were compliant, but many buyers chose to use surplus silviculture credits that they had accumulated from previous years to meet their required value.

There were 22 Registered Buyers with approved WAP's in 2014. This resulted in 10,344 hectares of silviculture treatments being submitted. Multiple buyers made contributions to the Sustainable Forest Fund which amounted to \$205,453.

Table 2 of the summary shows 10,344 hectares of silviculture being submitted, equating to 4,932,044 credits (not including Admin). With regards to silviculture credits claimed, Category 3, Early Competition Control made up 30% of the total credits claimed. Next was Category 2a, Plantation Establishment, at 23%. Followed by Category 5, Density Control and Release in Natural Stands, at 22% and Category 4, Density Control and Release in Plantations, at 18%. These four silviculture treatments made up 93% of all silviculture credits claimed in 2014.

Table 3 summarizes the silviculture credits submitted by species type and Table 4 summarizes the completed silviculture by category and tenure class.

A summary of completed silviculture area claimed in year 2014 by silviculture category, ownership and species type (see Table 5) indicates that submitted softwood and hardwood treatment area was 96% and 4% respectively.

Table 1. SUMMARY OF WOOD ACQUISITION PLAN REQUIREMENTS AND SILVICULTURE BY TENURE – 2014

Tenure	Species	Wood Acquisition (m3)	Required Silviculture Credit Value 2014	Completed Silviculture Credit Value 2014 (+ Admin)
Industrial	Softwood	340,655	1,021,965	984,773
Industrial	Hardwood	122,835	73,701	45,742
Sub Total		463,490	1,095,666	1,030,515
Private	Softwood	1,829,564	5,488,692	4,267,465
Private	Hardwood	369,667	221,800	182,014
Sub Total		2,199,231	5,710,492	4,449,479
TOTAL		2,662,721	6,806,158	5,479,994
Total Administrative Credits Applied				547,950
Net Completed Silviculture Credit Value				4,932,044

Fig. 1

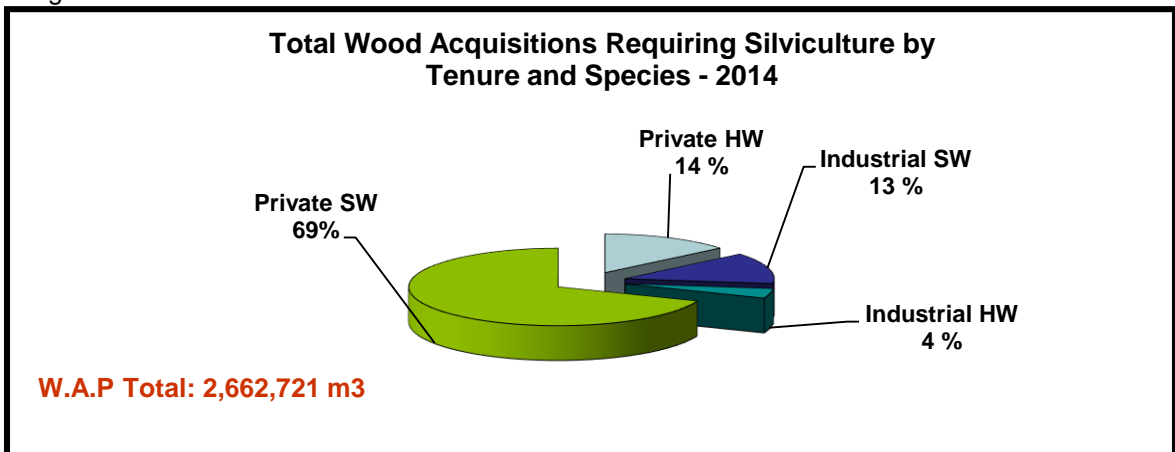
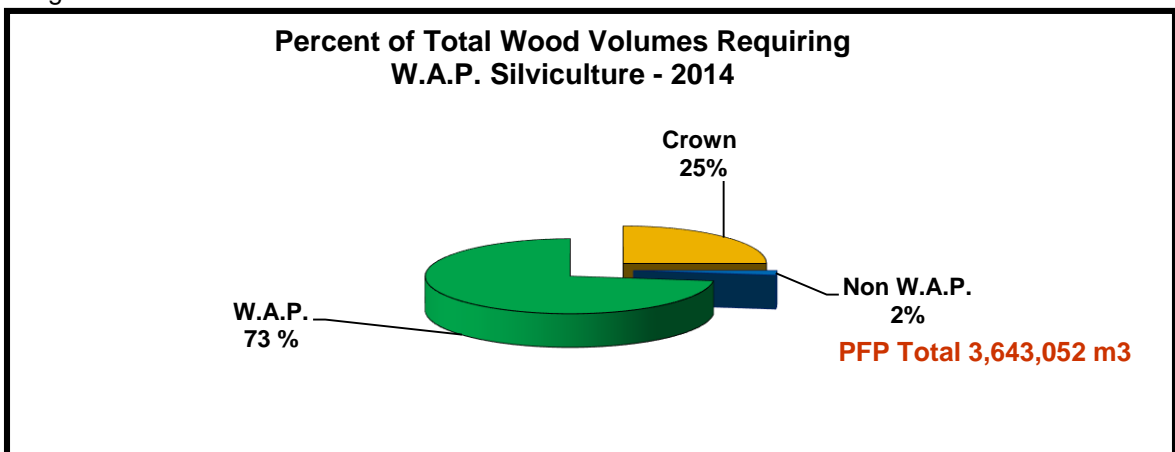


Fig. 2



**TABLE 2. SUMMARY OF COMPLETED SILVICULTURE BY
CATEGORY, AREA AND CREDIT VALUE - 2014**

Category	Area (hectares) (%)	Credit Value (%)
1a. Natural Regeneration Establishment < 300/ ha	1,895 (18)	132,610 (2)
1b. Natural Regeneration Establishment >= 300/ha	1 (<1)	300 (<1)
2a. Established Plantation	1,879 (18)	1,127,658 (23)
2b. Intensive Plantation	20 (<1)	3,015 (<1)
3. Early Competition Control: Plantation & Natural	3,662 (35)	1,464,968 (30)
4. Density Control & Release; Plantations	1,120 (11)	895,568 (18)
5. Density Control & Release; Natural Stand	1,346 (13)	1,076,936 (22)
6. Commercially Thinned	363 (4)	200,194 (4)
7. Quality Improvement: (a) Crop Trees Released	5 (<1)	1,773 (<1)
(b) Crop Trees Pruned	1 (<1)	240 (<1)
(c) Selection Managed	52 (<1)	28,782 (<1)
TOTALS	10,344	4,932,044

Fig. 3

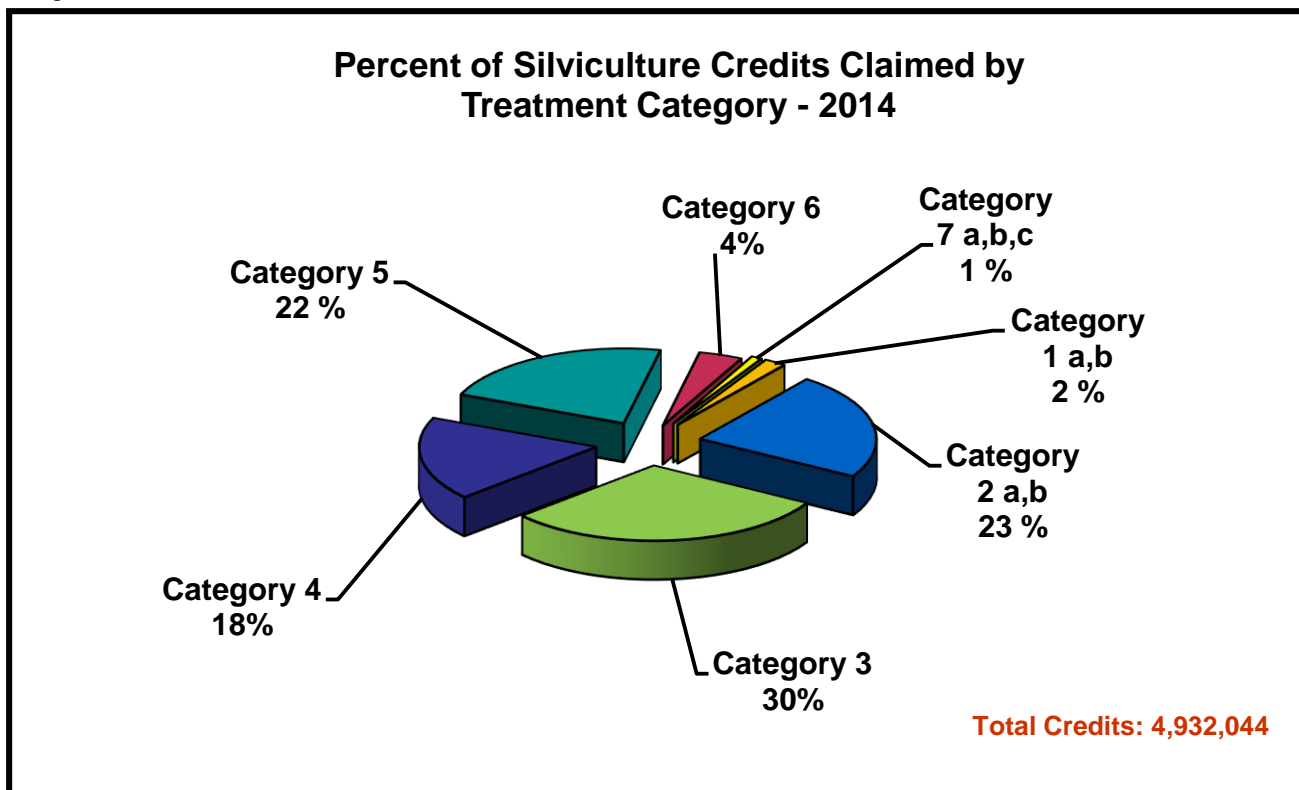


TABLE 3. SUMMARY OF COMPLETED SILVICULTURE BY SPECIES TYPE AND CREDIT VALUE - 2014

Species Type	Credit value (+ Admin)	% of Total
Softwood	5,252,238	96%
Hardwood	227,756	4%
TOTAL	5,479,994	100%

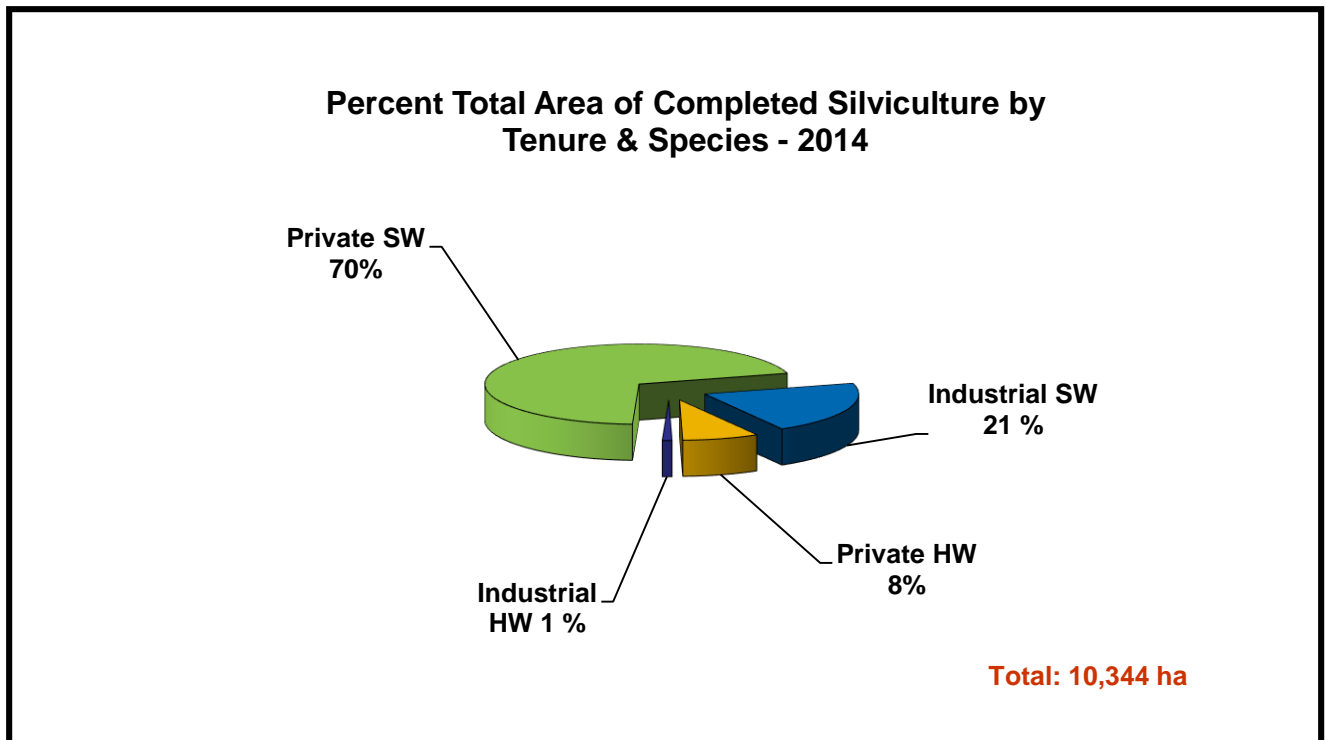
TABLE 4. SUMMARY OF COMPLETED SILVICULTURE BY CATEGORY AND TENURE CLASS - 2014

Category	Credit Value	
	Industrial	Private
1a. Natural Regeneration Establishment < 300/ ha	18,259	114,351
1b. Natural Regeneration Establishment >= 300/ ha	0	300
2a. Plantation Establishment	81,126	1,046,532
2b. Intensive Plantation	0	3,015
3. Early Competition Control: Plantation & Natural	619,080	845,888
4. Density Control & Release; Plantation	47,440	848,128
5. Density Control & Release; Natural Stands	88,528	988,408
6. Commercially Thinned	73,040	127,154
7. Quality Improvement: (a) Crop Trees Released	0	1,773
(b) Crop Trees Pruned	0	240
(c) Selection Managed		28,782
Totals	927,473	4,004,571
	4,932,044	

**TABLE 5. SUMMARY OF COMPLETED SILVICULTURE AREA (ha)
BY CATEGORY AND TENURE CLASS - 2014**

Category	Area Treated (ha) by Tenure /Species			
	Industrial Softwood	Private Softwood	Industrial Hardwood	Private Hardwood
1a Natural Regeneration Establishment <300/ha	261	953	0	690
1b. Natural Regeneration Establishment >=300/ha	0	1	0	0
2a. Established Plantation	135	1,744	0	0
2b. Intensive Plantation	0	20	0	0
3. Early Competition Control: Plantation & Natural	1,548	2,115	0	0
4 .Density Control & Release; Plantation	59	1,060	0	0
5. Density Control & Release; Natural Stand	59	1,109	51	127
6. Commercially Thinned	133	231	0	0
7. Quality Improvement: (a) Crop Trees Released (b) Crop Trees Pruned (c) Selection Managed	0	0	0	4
	0	1	0	0
	0	29	0	24
TOTAL AREA BY TENURE/SPECIES	2,195	7,263	51	835
TOTAL AREA BY SPECIES	9,458		886	
TOTAL AREA	10,344			

Fig. 4



PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM TONNES TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	Weight In Tonnes	Multiply	Conversion Factor	Volume In m3
Sawlogs	Mixed sw	1	X	1.167	1.167
All Products	Red Pine	1	X	0.968	0.968
All Products	Hemlock	1	X	1.026	1.026
All Products	Larch	1	X	1.033	1.033
All Products	White Pine	1	X	1.110	1.110
Pulpwood	Mixed sw	1	X	1.167	1.167
Fuelwood	Mixed sw	1	X	1.167	1.167
Studwood	Mixed sw	1	X	1.167	1.167
Lathwood	Mixed sw	1	X	1.167	1.167
Pulp Chips (Roadside Chipping)	Mixed sw	1	X	1.269	1.269
Fuel Chips (Whole Tree Chipping)	Mixed sw	1	X	0.817	0.817
Poles and Pilings	Red Pine	1	X	0.968	0.968

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM TONNES TO M3 SOLID
FOR HARDWOOD SPECIES

Primary Wood Product	Species	Weight In Tonnes	Multiply	Conversion Factor	Volume In m3
Sawlogs	Mixed hw	1	X	0.963	0.963
Boltwood	Mixed hw	1	X	0.963	0.963
Pulpwood	Mixed hw	1	X	0.963	0.963
Fuelwood	Mixed hw	1	X	0.963	0.963
Palletwood	Mixed hw	1	X	0.963	0.963
Spoolwood	Mixed hw	1	X	0.963	0.963
Pulp Chips (Roadside Chipping)	Mixed hw	1	X	1.070	1.070
Fuel Chips (Whole Tree Chipping)	Mixed hw	1	X	0.674	0.674
Veneer Logs	Mixed hw	1	X	0.963	0.963
All Products	Aspen	1	X	1.095	1.095

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM STACKED M3 TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	Stacked m3	Multiply	Conversion Factor	Volume In m3
Studwood (8'+ trim)	Mixed sw	1	X	0.641	0.641
Studwood (10'+ trim)	Mixed sw	1	X	0.625	0.625
Pulpwood (8')	Mixed sw	1	X	0.609	0.609
Fuelwood (8')	Mixed sw	1	X	0.609	0.609
Pulpwood (4')	Mixed sw	1	X	0.664	0.664
Fuelwood (4')	Mixed sw	1	X	0.664	0.664
Lathwood (4')	Mixed sw	1	X	0.664	0.664

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM STACKED M3 TO M3 SOLID
FOR HARDWOOD SPECIES

Primary Wood Product	Species	Stacked m3	Multiply	Conversion Factor	Volume In m3
Palletwood (8')	Mixed hw	1	X	0.609	0.609
Pulpwood (8')	Mixed hw	1	X	0.531	0.531
Fuelwood (8')	Mixed hw	1	X	0.531	0.531
Boltwood (4')	Mixed hw	1	X	0.664	0.664
Spoolwood (4')	Mixed hw	1	X	0.664	0.664

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM CORDS TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	Cords	Multiply	Conversion Factor	Volume in m3
Studwood (8' + trim)	Mixed sw	1	X	2.322	2.322
Studwood (10' + trim)	Mixed sw	1	X	2.265	2.265
Pulpwood (8')	Mixed sw	1	X	2.209	2.209
Fuelwood (8')	Mixed sw	1	X	2.209	2.209
Pulpwood (4')	Mixed sw	1	X	2.407	2.407
Fuelwood (4')	Mixed sw	1	X	2.407	2.407
Lathwood (4')	Mixed sw	1	X	2.407	2.407

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM CORDS TO M3 SOLID
FOR HARDWOOD SPECIES

Primary Wood Product	Species	Cords	Multiply	Conversion Factor	Volume In m3
Palletwood (8')	Mixed hw	1	X	2.209	2.209
Pulpwood (8')	Mixed hw	1	X	1.926	1.926
Fuelwood (8')	Mixed hw	1	X	1.926	1.926
Boltwood (4')	Mixed hw	1	X	2.407	2.407
Spoolwood (4')	Mixed hw	1	X	2.407	2.407

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM fbm (New Brunswick Log Rule) TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	fbm	Multiply	Conversion Factor	Volume in m3
Sawlogs	Mixed sw	1	X	0.005663	0.005663
Veneer Logs	Mixed sw	1	X	0.005663	0.005663
Poles and Pilings	Mixed sw	1	X	0.005663	0.005663

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM fbm (New Brunswick Log Rule) TO M3 SOLID
FOR HARDWOOD SPECIES

Primary Wood Product	Species	fbm	Multiply	Conversion Factor	Volume in m3
Sawlogs	Mixed hw	1	X	0.005663	0.005663
Veneer Logs	Mixed hw	1	X	0.005663	0.005663
Palletwood	Mixed hw	1	X	0.005663	0.005663

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM mfbm (New Brunswick Log Rule) TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	mfbm	Multiply	Conversion Factor	Volume in m3
Sawlogs	Mixed sw	1	X	5.663	5.663
Veneer Logs	Mixed sw	1	X	5.663	5.663
Poles and Pilings	Mixed sw	1	X	5.663	5.663

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM mfbm (New Brunswick Log Rule) TO M3 SOLID
FOR HARDWOOD SPECIES

Primary Wood Product	Species	mfbm	Multiply	Conversion Factor	Volume in m3
Sawlogs	Mixed hw	1	X	5.663	5.663
Veneer Logs	Mixed hw	1	X	5.663	5.663
Palletwood	Mixed hw	1	X	5.663	5.663

PRIMARY WOOD PRODUCTS
CONVERSION FACTORS FROM NO. OF PIECES TO M3 SOLID
FOR SOFTWOOD SPECIES

Primary Wood Product	Species	No. of Pieces	Multiply	Conversion Factor	Volume In m3
Fence Rails	Mixed sw	1	X	0.0227	0.0227
Fence Posts (6.5')	Mixed sw	1	X	0.0222	0.0222
Fence Posts (8')	Mixed sw	1	X	0.0321	0.0321
Landscape Ties (8')	Mixed sw	1	X	0.0321	0.0321