

Registry of Buyers of Primary Forest Products

2015 Calendar Year / June 2016



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

Report FOR 2016-2

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FOREWORD

For more than 60 years the Department of Natural Resources (DNR) has been compiling data on harvest volumes and secondary forest products. This data provides a picture of harvest and market 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 harvest levels 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 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 – 2015

The total reported provincial harvest for 2015 was 3,748,685 cubic meters of solid wood. Of this amount, 80% or 2,989,540 cubic meters were softwood species. The total volume of wood acquired for export was reported to be 177,011 cubic meters, or 5% of the total harvest. The total volume of wood imported for use in Nova Scotia was reported to be 379,213 cubic meters, or 10% of the total wood consumed in Nova Scotia.

The provincial harvest for 2015 shows an increase of 2.9% compared to the 2014 harvest of 3,643,052 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 162 Registered Buyers and there were no non-compliant buyers in 2015. Of the 162 buyers, 124 were reported to be active in the 2015 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 – 2015

Business Type	2014	% of total harvest	2015	% of total harvest
Sawmill	123	53.6%	117	54.7%
Pulp/Paper Mill	2	32.4%	2	28.1%
Energy Generation	4	6.1%	3	7.9%
Other	12	5.0%	11	4.5%
Wood Export	20	2.1%	19	3.9%
Firewood Sales	11	0.8%	10	0.9%
Total No. of Buyers	172	100.0%	162	100.0%

**PROVINCIAL HARVEST BY PRIMARY FOREST
PRODUCT AND SPECIES TYPE
2015**

Product	Percent of Total Harvest	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Firewood	1%	51,287	187	51,474
Fuelwood	4%	65,199	67,946	133,145
Energy Wood	8%	119,581	176,226	295,807
Posts/Rails, House Logs	<1%	0	1,635	1,635
Pulpwood	39%	461,317	1,005,337	1,466,654
Studwood/Sawlogs	48%	60,276	1,738,209	1,798,485
OSB Wood/Veneer Logs	<1%	1,485	0	1,485
Totals	100%	759,145	2,989,540	3,748,685

**PRIMARY FOREST PRODUCT EXPORTS
BY PRODUCT AND SPECIES TYPE
2015**

Product	Percent of Total Export	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Pulpwood	80%	139,182	1,774	140,956
Studwood/Sawlogs	<1%	393	132	525
OSB Wood/Veneer Logs	<1%	72	0	72
Fuelwood/Firewood	20%	35,458	0	35,458
Totals	100%	175,105	1,906	177,011

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.

However, through review of the Statistics Canada 2011 Census; The Statistics Canada Households and the Environment Survey, 2013; and the N.S. Dept. of Energy, Thinkwell Customer Behavior Study, 2008; the Department of Natural Resources estimates that as much as 444,000 cubic metres is used as a household energy source on an annual basis in Nova Scotia.

TOTAL PROVINCIAL HARVEST – 2015
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	6%	S	187,971	0	187,971
		H	43,611	925	44,536
Antigonish	3%	S	95,400	0	95,400
		H	22,645	2,720	25,365
Cape Breton	4%	S	123,639	0	123,639
		H	7,829	0	7,829
Colchester	8%	S	209,104	287	209,391
		H	71,998	17,549	89,547
Cumberland	15%	S	378,417	1,409	379,826
		H	124,770	75035	199,805
Digby	5%	S	181,350	0	181,350
		H	5,704	627	6,331
Guysborough	9%	S	284,723	0	284,723
		H	40,597	8,636	49,233
Hants	5%	S	165,452	81	165,533
		H	25,344	5,052	30,396
Halifax	11%	S	334,070	0	334,070
		H	49,690	23,958	73,648
Inverness	4%	S	135,021	0	135,021
		H	23,015	2,568	25,583
Kings	3%	S	80,796	0	80,796
		H	30,582	7,980	38,562
Lunenburg	6%	S	192,647	0	192,647
		H	27,440	12,825	40,265
Pictou	9%	S	230,847	0	230,847
		H	83,829	16,007	99,836
Queens	4%	S	116,264	97	116,361
		H	18,057	1,223	19,280
Richmond	3%	S	103,862	0	103,862
		H	3,724	0	3,724
Shelburne	1%	S	25,382	0	25,382
		H	926	0	926
Victoria	2%	S	72,174	0	72,174
		H	2,641	0	2,641
Yarmouth	2%	S	70,515	32	70,547
		H	1,638	0	1,638
Total	100%	S	2,987,634	1,906	2,989,540
		H	584,040	175,105	759,145
Grand Total			3,571,674	177,011	3,748,685

TOTAL PROVINCIAL HARVEST – 2015
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	12%	S	74,036	0	74,036
		H	26,767	787	27,554
Antigonish	1%	S	12,462	0	12,462
		H	589	0	589
Cape Breton	7%	S	57,265	0	57,265
		H	4,309	0	4,309
Colchester	1 %	S	3,151	0	3,151
		H	1,233	3,665	4,898
Cumberland	3%	S	18,192	0	18,192
		H	2,230	8,368	10,598
Digby	1%	S	4,151	0	4,151
		H	1,953	0	1,953
Guysborough	21%	S	150,738	0	150,738
		H	29,680	4,301	33,981
Hants	2%	S	14,236	0	14,236
		H	412	949	1,361
Halifax	17%	S	126,503	0	126,503
		H	16,012	3,478	19,490
Inverness	10%	S	73,499	0	73,499
		H	12,268	0	12,268
Kings	1%	S	2,062	0	2,062
		H	2,973	0	2,973
Lunenburg	3%	S	14,907	0	14,907
		H	8,346	0	8,346
Pictou	7%	S	51,255	0	51,255
		H	11,105	335	11,440
Queens	5%	S	34,849	0	34,849
		H	11,944	841	12,785
Richmond	3%	S	26,219	0	26,219
		H	1,452	0	1,452
Shelburne	1%	S	4,716	0	4,716
		H	96	0	96
Victoria	5%	S	46,696	0	46,696
		H	1,140	0	1,140
Yarmouth	<1%	S	7	0	7
		H	578	0	578
Total	100%	S	714,944	0	714,944
		H	133,087	22,724	155,811
Grand Total			848,031	22,724	870,755

TOTAL PROVINCIAL HARVEST – 2015
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	3,249	0	3,249
		H	736	0	736
Antigonish	< 1%	S	484	0	484
		H	0	0	0
Cape Breton	0%	S	0	0	0
		H	0	0	0
Colchester	24%	S	66,980	0	66,980
		H	42,435	5,518	47,953
Cumberland	23%	S	59,601	83	59,684
		H	24,390	21,918	46,308
Digby	3%	S	12,457	0	12,457
		H	985	0	985
Guysborough	2%	S	6,261	0	6,261
		H	999	32	1,031
Hants	11%	S	46,072	0	46,072
		H	5,650	0	5,650
Halifax	25%	S	88,791	0	88,791
		H	22,287	8,376	30,663
Inverness	0%	S	0	0	0
		H	0	0	0
Kings	< 1%	S	265	0	265
		H	0	0	0
Lunenburg	2%	S	7,413	0	7,413
		H	9	0	9
Pictou	1%	S	6,110	0	6,110
		H	0	25	25
Queens	3%	S	12,801	0	12,801
		H	357	0	357
Richmond	0%	S	0	0	0
		H	0	0	0
Shelburne	< 1%	S	17	0	17
		H	0	0	0
Victoria	0%	S	0	0	0
		H	0	0	0
Yarmouth	5%	S	22,837	0	22,837
		H	722	0	722
Total	100%	S	333,338	83	333,421
		H	98,570	35,869	134,439
Grand Total			431,908	35,952	467,860

TOTAL PROVINCIAL HARVEST – 2015
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	5%	S	110,686	0	110,686
		H	16,108	138	16,246
Antigonish	5%	S	82,454	0	82,454
		H	22,056	2,720	24,776
Cape Breton	3%	S	66,374	0	66,374
		H	3,520	0	3,520
Colchester	7%	S	138,973	287	139,260
		H	28,330	8,366	36,696
Cumberland	19%	S	300,624	1,326	301,950
		H	98,150	44,749	142,899
Digby	7%	S	164,742	0	164,742
		H	2,766	627	3,393
Guysborough	6%	S	127,724	0	127,724
		H	9,918	4,303	14,221
Hants	5%	S	105,144	81	105,225
		H	19,282	4,103	23,385
Halifax	6%	S	118,776	0	118,776
		H	11,391	12,104	23,495
Inverness	3%	S	61,522	0	61,522
		H	10,747	2,568	13,315
Kings	5%	S	78,469	0	78,469
		H	27,609	7,980	35,589
Lunenburg	8%	S	170,327	0	170,327
		H	19,085	12,825	31,910
Pictou	11%	S	173,482	0	173,482
		H	72,724	15,647	88,371
Queens	3%	S	68,614	97	68,711
		H	5,756	382	6,138
Richmond	3%	S	77,643	0	77,643
		H	2,272	0	2,272
Shelburne	1%	S	20,649	0	20,649
		H	830	0	830
Victoria	1%	S	25,459	0	25,459
		H	1,331	0	1,331
Yarmouth	2%	S	47,671	32	47,703
		H	338	0	338
Total	100%	S	1,939,333	1,823	1,941,156
		H	352,213	116,512	468,725
Grand Total			2,291,546	118,335	2,409,881

TOTAL PROVINCIAL HARVEST – 2015
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	100%	S	19	0	19
		H	170	0	170
Yarmouth	0%	S	0	0	0
		H	0	0	0
Total	100%	S	19	0	19
		H	170	0	170
Grand Total			189	0	189

Sawmills by Acquisition Class – 2015

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

Sawmills by Acquisition Class – 2015

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 1 001 to 3 000 per year</u>		
Baddeck Valley Wood Producers	Baddeck	Victoria
E & M Burgess Enterprises Ltd.	Newport Station	Hants
Hugh MacInnis Lumber Ltd.	Frenchvale	Cape Breton
Larch Wood Enterprises	Margaree	Inverness
Lester D. Collicutt Lumber Ltd.	Chester	Lunenburg
Michael Joudrey	River John	Pictou
North Range Forest Products	Barton	Digby
Randall Dearmond	Beaver Brook	Colchester
S. G. Levy & Sons Ltd.	Wolfville	Kings
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 & E Sawmill	Yarmouth	Yarmouth
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

Sawmills by Acquisition Class – 2015

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>		
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
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
Lawrence Rudolph	Little Liscomb	Guysborough
Leslie Harlow	Queens	Queens
Mark Ripley	Oxford Junction	Cumberland
Meander Wood Services	Newport	Hants
Merrill Sarty	Conquerall Mills	Lunenburg
Michael and Henry Silver	North Brookfield	Queens
Middle River Contracting Ltd.	Westville	Pictou
Nolan Mullen	Weymouth	Digby
Payson Dobson Lumber Ltd.	Westchester	Cumberland
Peter Lawrence	Brooklyn	Queens

Sawmills by Acquisition Class – 2015

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
Raymond Campbell	Wentworth	Colchester
Richard Neily	Falmouth	Hants
Robert Gaudet Firewood & Lumber	Corberrie	Digby
Robert Lees	Westville	Pictou
Ron Levy	Windsor	Hants
Shawn Eldridge	Falmouth	Hants
Shelburne Barrel Factory	Shelburne	Shelburne
Sherbrooke Village Sawmill	Sherbrooke	Guysborough
Sweet Mountain Farm	Antigonish	Antigonish
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	Saulnierville	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. Robinson	Aylesford	Kings
Daniel J. LeBlanc	Concession	Digby
Far East Enterprises	Antigonish	Antigonish

Sawmills by Acquisition Class – 2015

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

NAME

LOCATION

COUNTY

Acquiring None

Felix Comeau	Little Brook	Digby
Fisherman's Choice Trap Builders	River John	Pictou
Fleur De Lis Sawmill	L'Ardoise	Richmond
Hazeldale Milling & Trucking Ltd.	Little Narrows	Victoria
James Johnson	East Mountain	Colchester
Laurent Thibodeau & Son	Saulnierville	Digby
M. R. MacDonald Holdings 11 Limited	New Glasgow	Pictou
MacDonald's Sawmill	Sherbrooke	Guysborough
MacLean's Sawmill	Antigonish	Antigonish
Marwood Glenholme	Bedford	Colchester
Neil MacKeigan Lumber Company Ltd.	Albert Bridge	Cape Breton
Northfire Farms	Milton	Shelburne
Parkwood Land Management Ltd.	Hopewell	Pictou
Paul Roach	Middleton	Annapolis
Robert Todd	Laconia	Lunenburg
Trijec Lumber Ltd.	Nuttby	Colchester
Wolfgang Development Ltd.	Tantallon	Halifax

Wood Export Businesses – 2015

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
North Nova Forest Owners Co-op Limited	Wentworth	Cumberland
River Philip Contracting	Oxford	Cumberland

Acquiring 1 to 3000 per year

Arbec Forest Products G.P.	Miramichi	New Brunswick
AV Nackawic Inc	Nackawic	New Brunswick
H.C. Haynes	Clifton	Colchester
New Wave Forestry	Thorburn	Pictou
Verso Corporation	Dover-Foxcroft	Maine

Acquiring none

3268239 Nova Scotia Ltd.	Digby	Digby
Bob O'Leary	Truro	Colchester
Century Forestry Consultants Ltd.	Pictou	Pictou
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 – 2015

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
Good Wood Fuel	Bedford	Halifax

Acquiring 1 to 1 000 per year

Future Forestry Service Co-Op	New Glasgow	Pictou
J.W. Tanner Logging Ltd.	Bass River	Colchester
LaForet Acadienne Limitee	Church Point	Digby
Wilfred H. Kinsman Forest Products	Cambridge	Kings

Fuel Chips Sales Businesses – 2015

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>		
Spec Environmental Solutions Inc.	Concession	Digby

Log Homes Businesses – 2015

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

NAME

LOCATION

COUNTY

Acquiring over 1 per year

Heartwood Log Homes Ltd.

Margaretsville

Annapolis

Acquiring none

Chedabucto Log Home Construction Ltd.
Kenomee Log Homes

Boylston
Economy

Guysborough
Colchester

Poles/Post Plant Businesses – 2015

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

NAME

LOCATION

County

Acquiring over 1 per year

Corkum's Forest Products
Mike Falkenham
Russell Bros. Logging

Falmouth
Lunenburg
Upper Stewiacke

Hants
Lunenburg
Colchester

Acquiring none

Stella Jones Inc.

Truro

Colchester

Pulp/Paper Mill Businesses – 2015

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 – 2015

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 – 2015

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

NAME

LOCATION

COUNTY

Acquiring over 5,000 per year

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

Acquiring None

Cellufuel Inc.	Digby	Digby
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Pellet Plant Businesses – 2015

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 – 2015

*Production Class (fbm)	Number of Sawmills	Production (fbm)	Percent of Total Production	Average Production per Mill (fbm)
1 – 20,000	40	328,689	0.10 %	8,217
20,001- 100,000	12	554,541	0.17 %	46,212
100,001 - 500,000	14	2,966,874	0.93 %	211,920
500,001 -1,000,000	4	2,843,682	0.89 %	710,920
1,000,001 – 3,000,000	3	3,836,829	1.20 %	1,278,943
3,000,001 – 10,000,000	6	32,009,211	10.05 %	5,334,868
over 10,000,000	6	275,949,195	86.64 %	45,991,532
Total	85	318,489,021	100%	

*32 Nova Scotia Sawmills had no lumber production in 2015

Secondary Forest Products – 2015

Product	Softwood m³	Hardwood m³	Total m³
Firewood / Slabwood	4,464	51,849	56,313
Fuel Chips / Energy Chips Pellets	96,292	14,919	111,211
Baskets / Components Cutting Boards / Flooring Fruit Boxes / Mouldings	40	928	968
Hog Fuel	283,859	8,207	292,066
Sawn Products	969,324	26,948	996,272
Pulp / Paper / Hardboard	585,111	40,628	625,739
Poles / Posts / Pilings House Logs / Railway ties	2,295	5,617	7,912
Shavings	53,706	9	53,715
Sawdust	106,548	0	106,548
Bark Mulch	2,229	0	2,229
Pulp Quality Chips	793,353	4,770	798,123

REGISTERED BUYERS BY BUSINESS TYPE AND COUNTY – 2015

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	-	-	-	-	-	-	-	-	-	7
Colchester	11	-	5	-	2	2	-	-	1	-	21
Cumberland	3	-	5	-	-	-	-	-	-	-	8
Digby	12	-	1	-	1	-	1	1	-	-	16
Guysborough	6	-	-	-	-	-	-	-	1	-	7
Hants	10	-	-	-	-	1	-	-	-	1	12
Halifax	7	-	1	-	3	-	-	-	-	1	12
Inverness	2	-	-	-	-	-	-	-	-	-	2
Kings	5	-	-	-	2	-	-	-	-	-	7
Lunenburg	13	-	-	1	-	1	-	-	-	-	15
Pictou	13	1	3	-	1	-	-	-	-	-	18
Queens	4	-	-	-	0	-	1	-	-	-	5
Richmond	1	1	-	-	-	-	1	-	-	-	3
Shelburne	8	-	-	-	-	-	-	-	-	-	8
Victoria	5	-	1	-	-	-	-	-	-	-	6
Yarmouth	2	-	-	-	1	-	-	-	-	-	3
Out of Prov.	-	-	3	-	-	-	-	-	-	-	3
Total	117	2	19	1	10	4	3	1	3	2	162

Fig.1

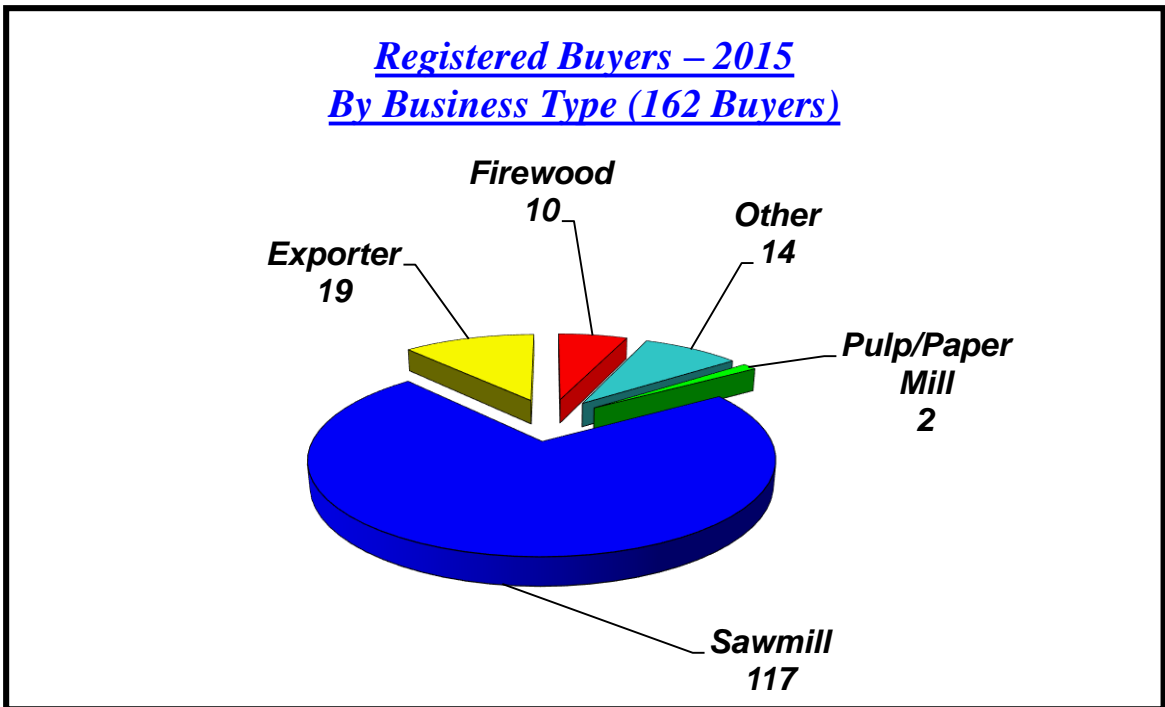


Fig.2

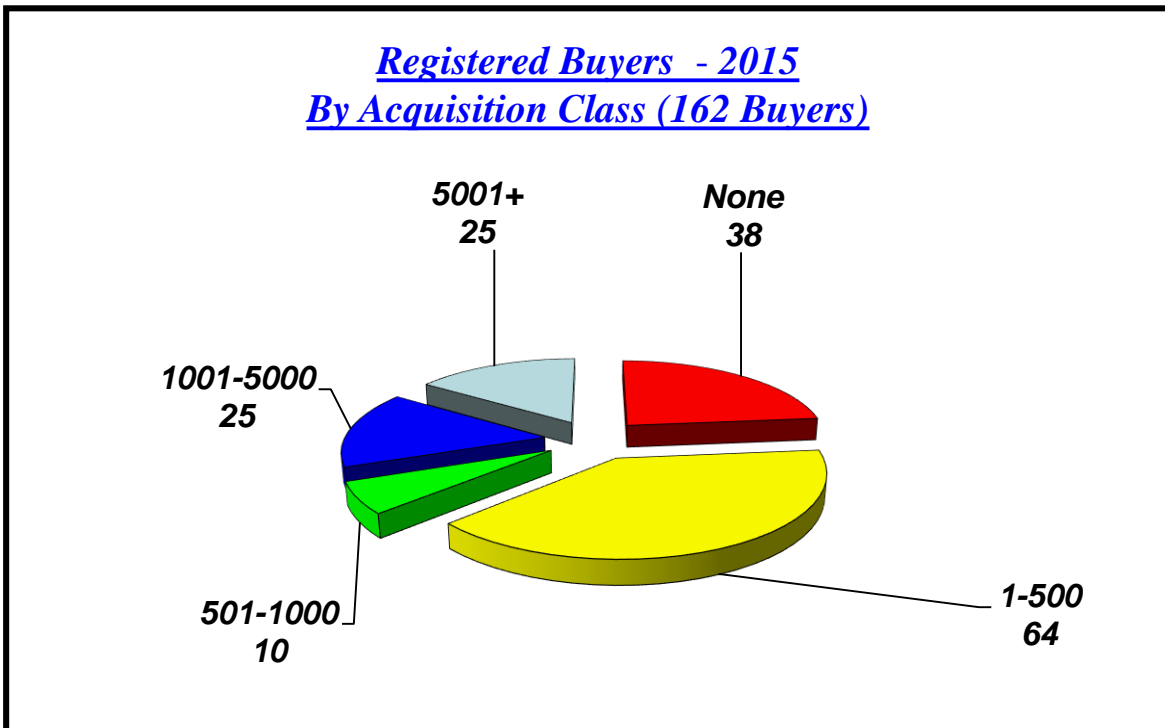


Fig.3

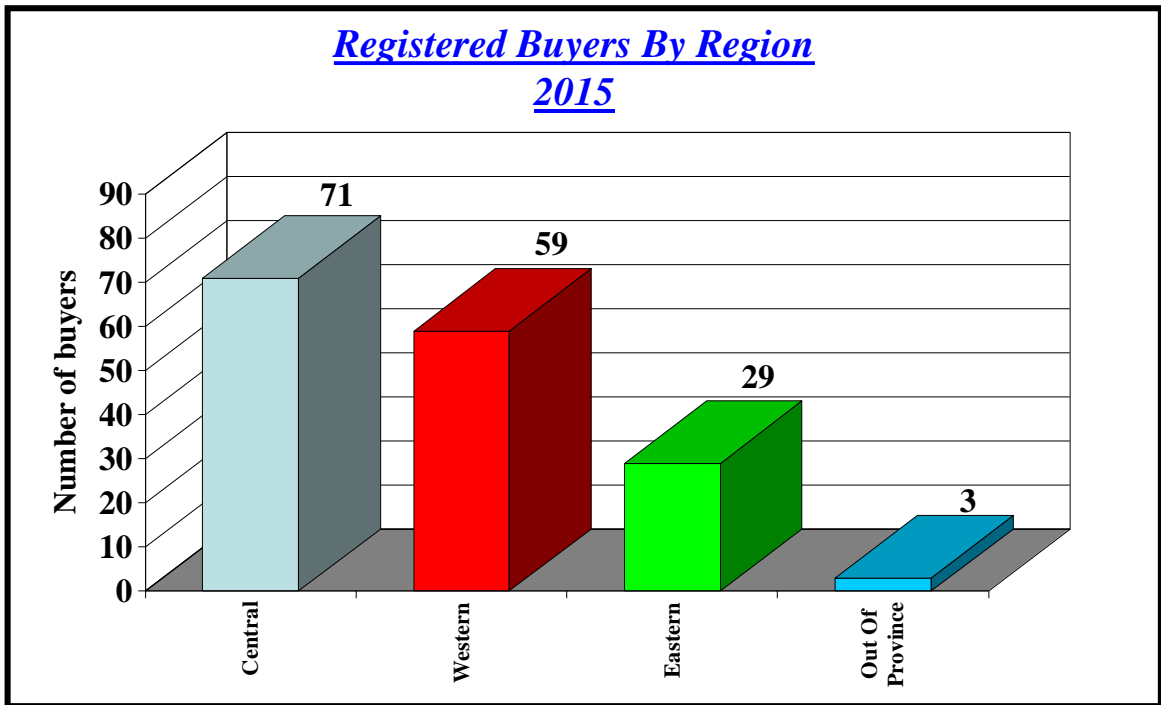


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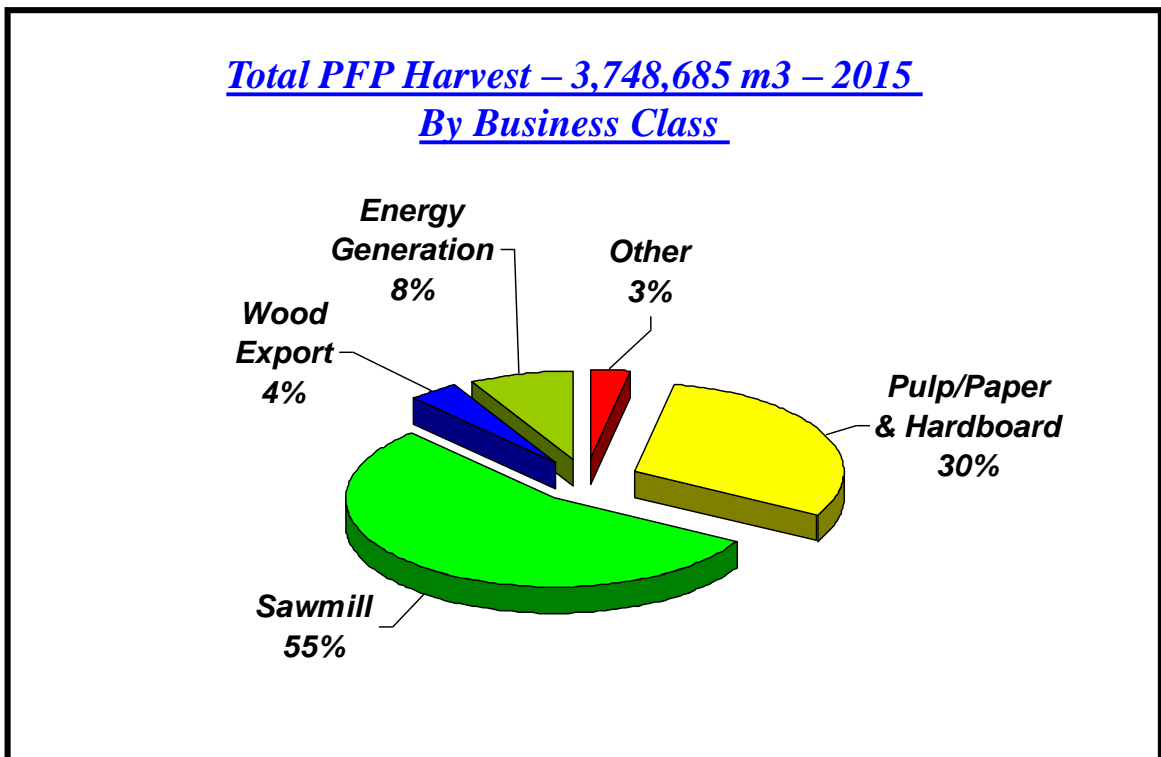


Fig.5

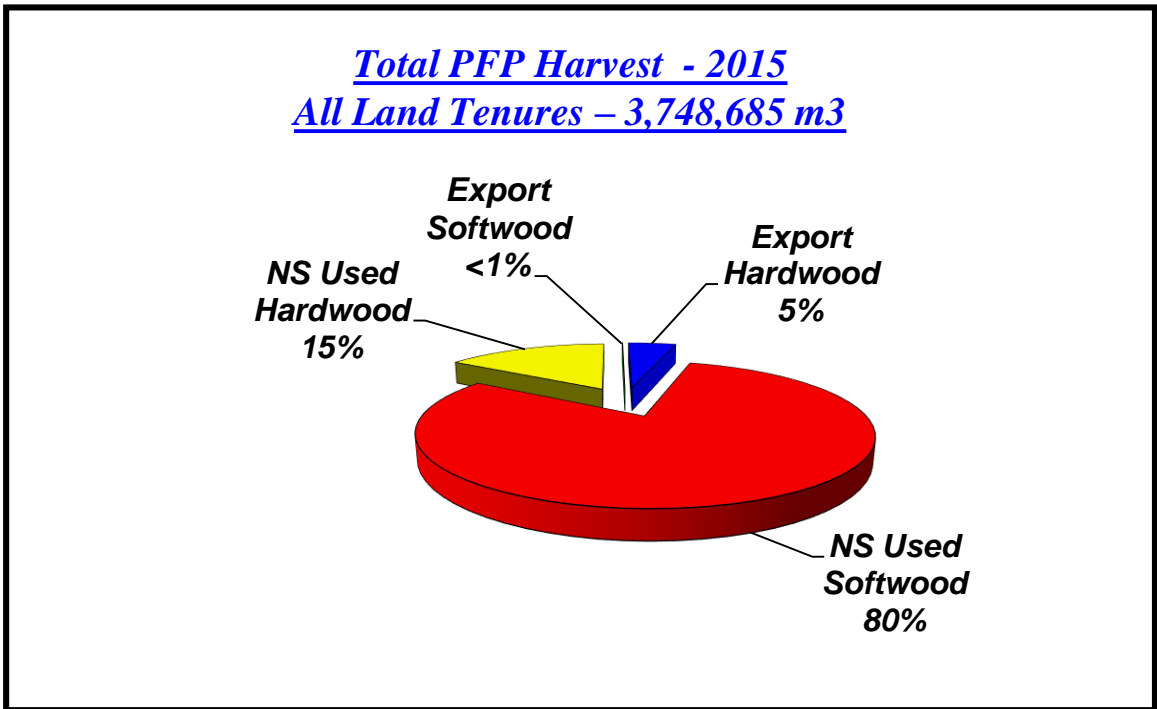


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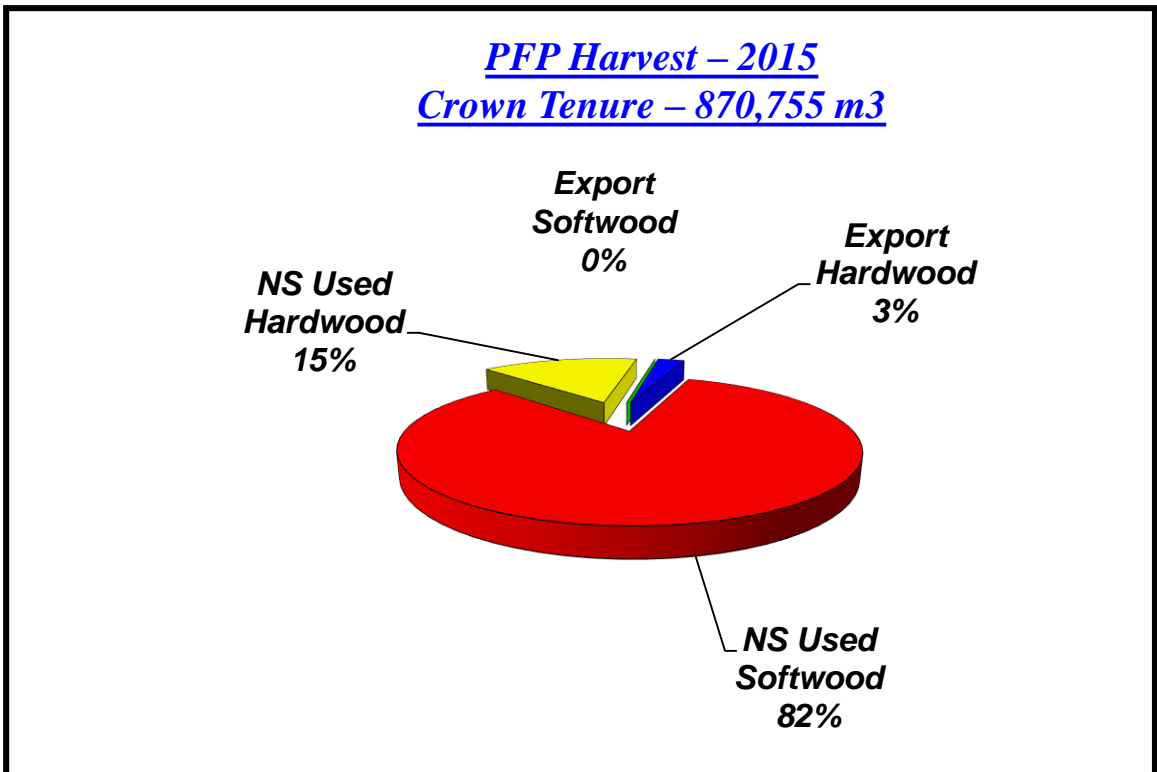


Fig.7

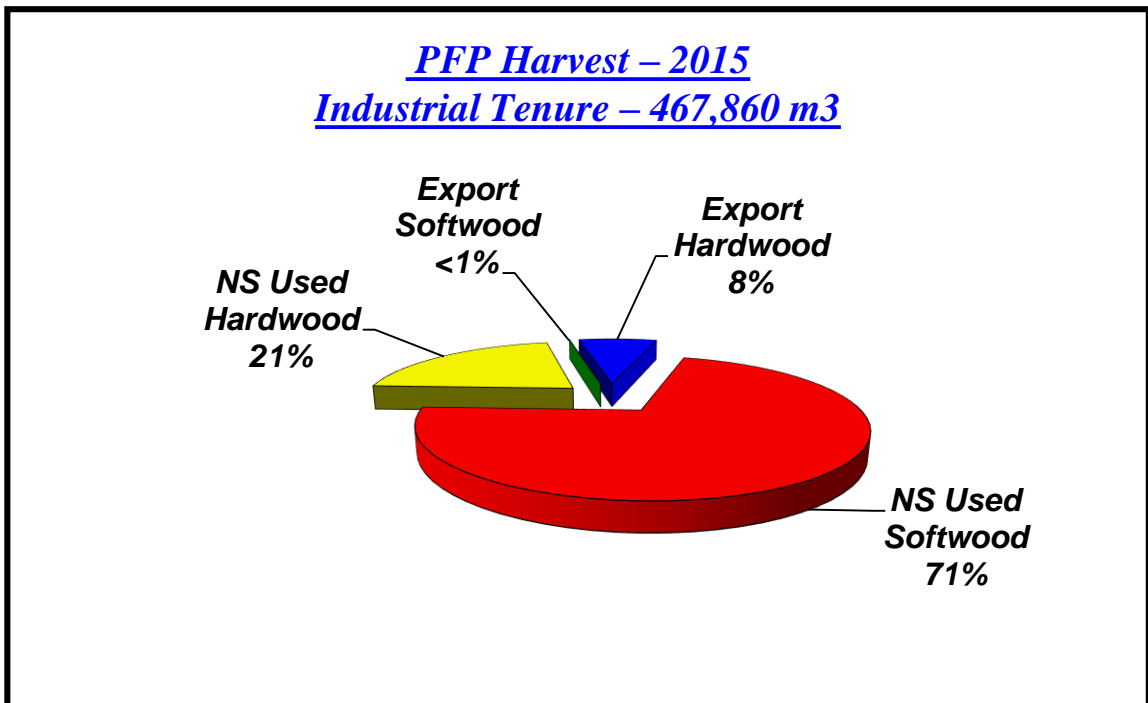


Fig.8

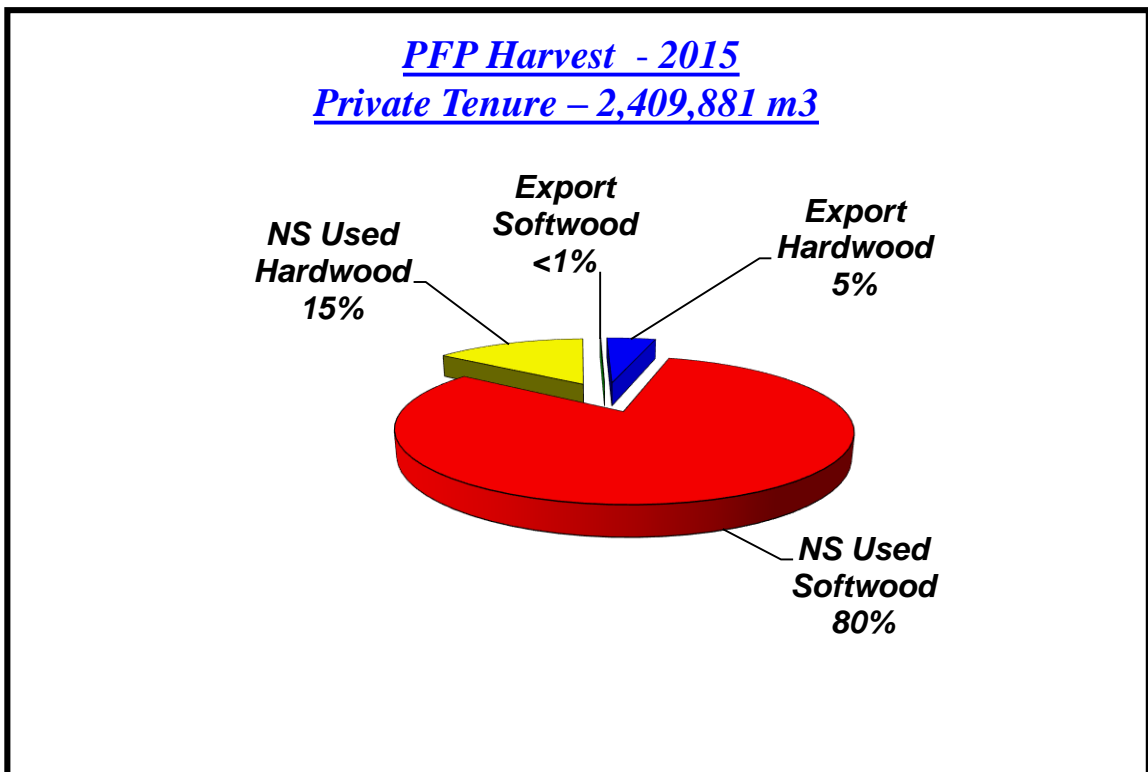


Fig.9

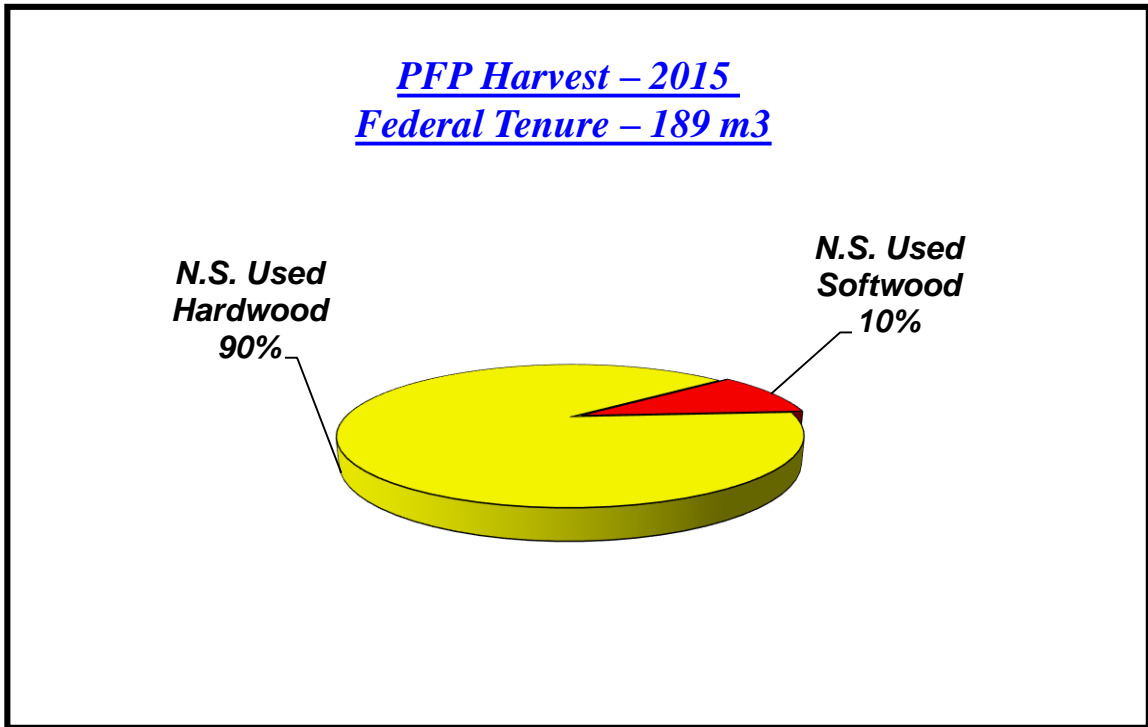


Fig.10

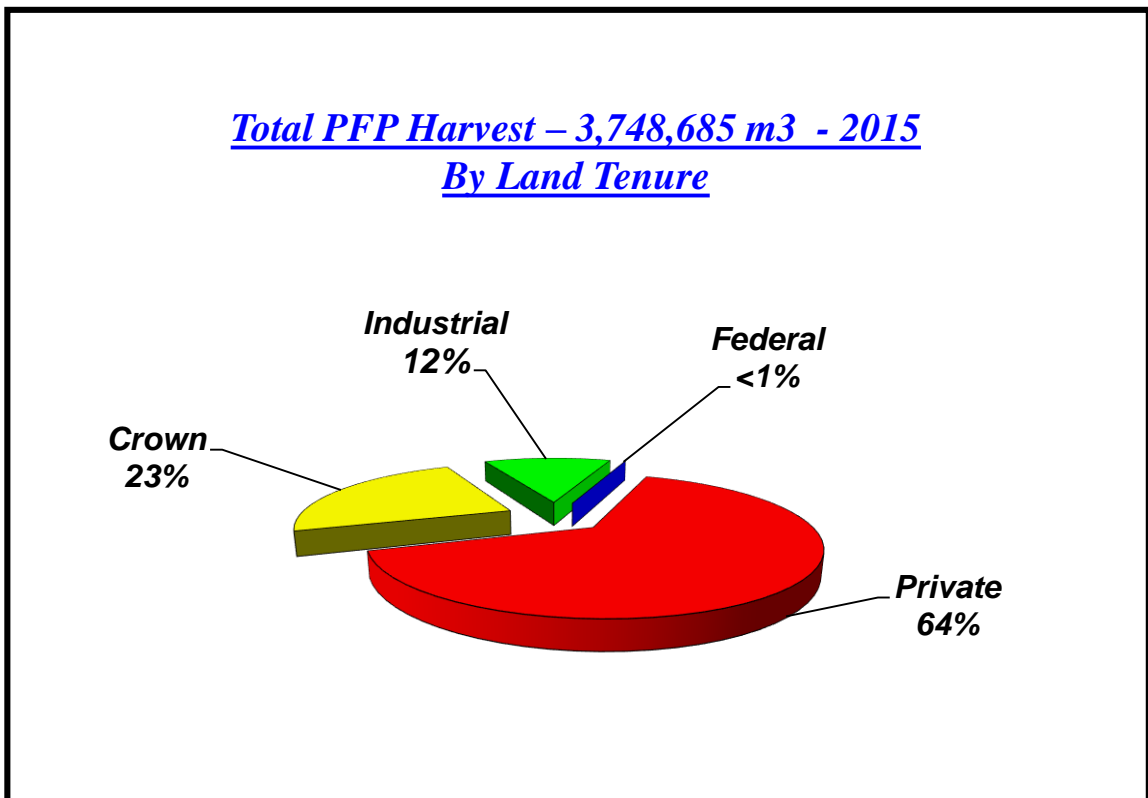


Fig.11

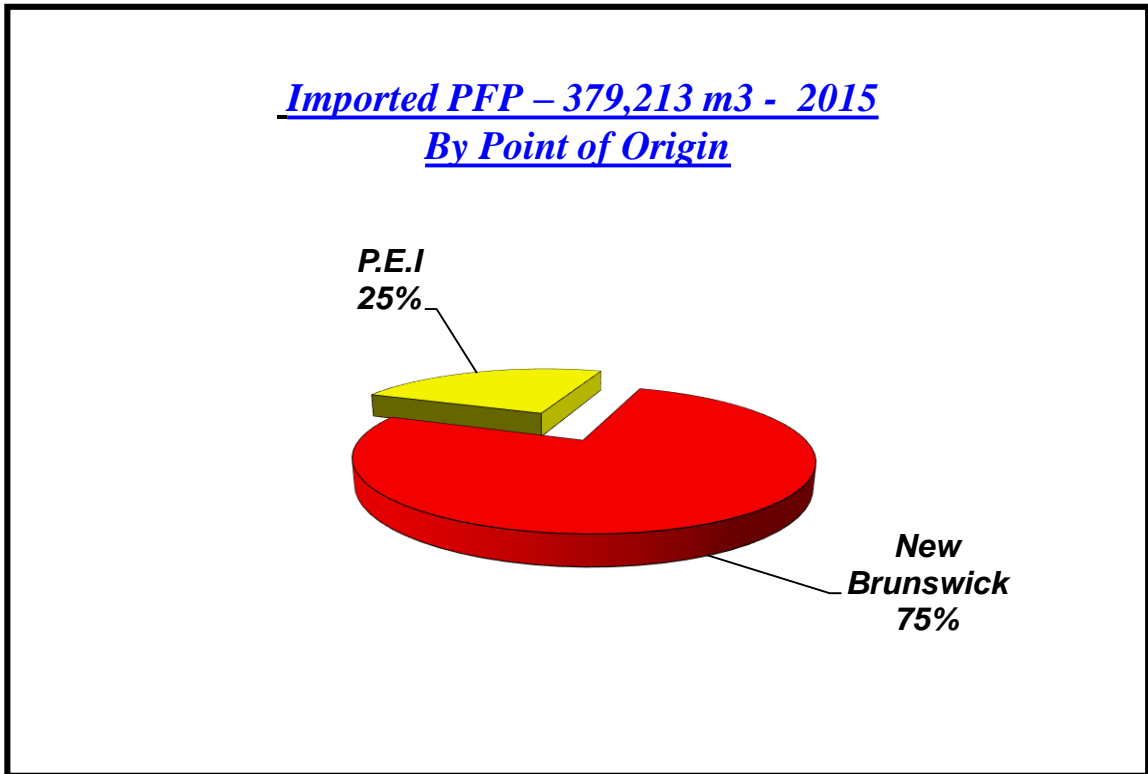


Fig.12

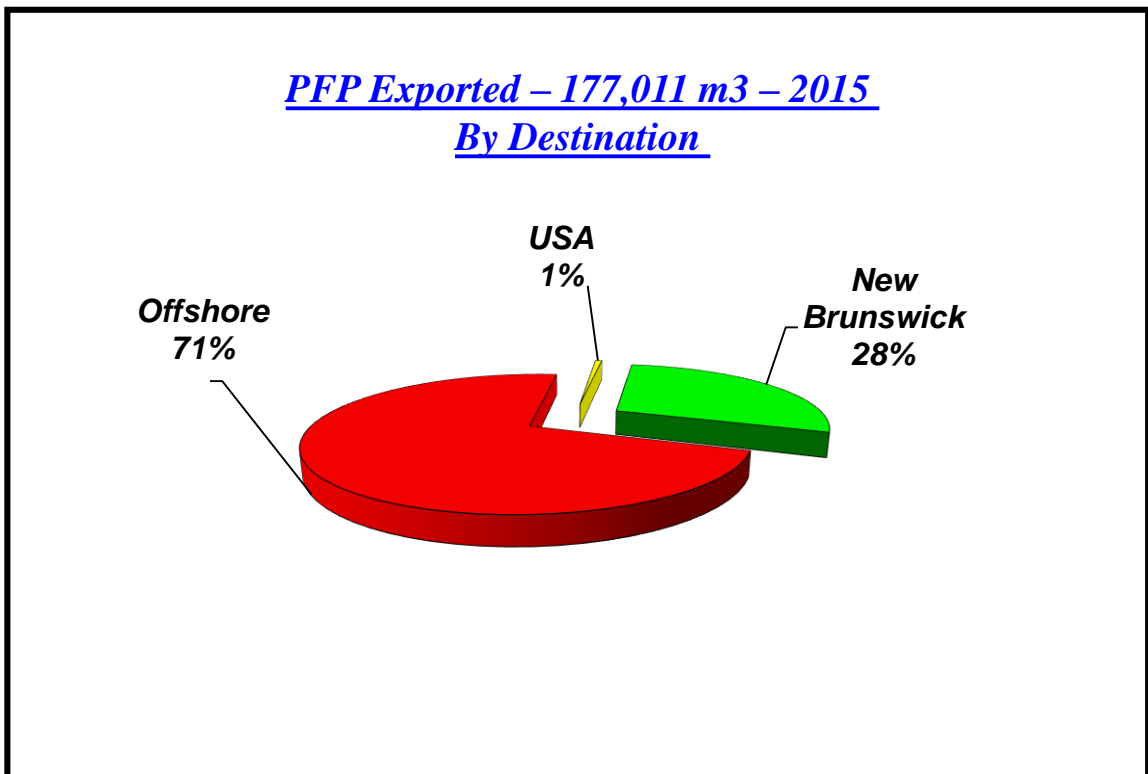


Fig.13

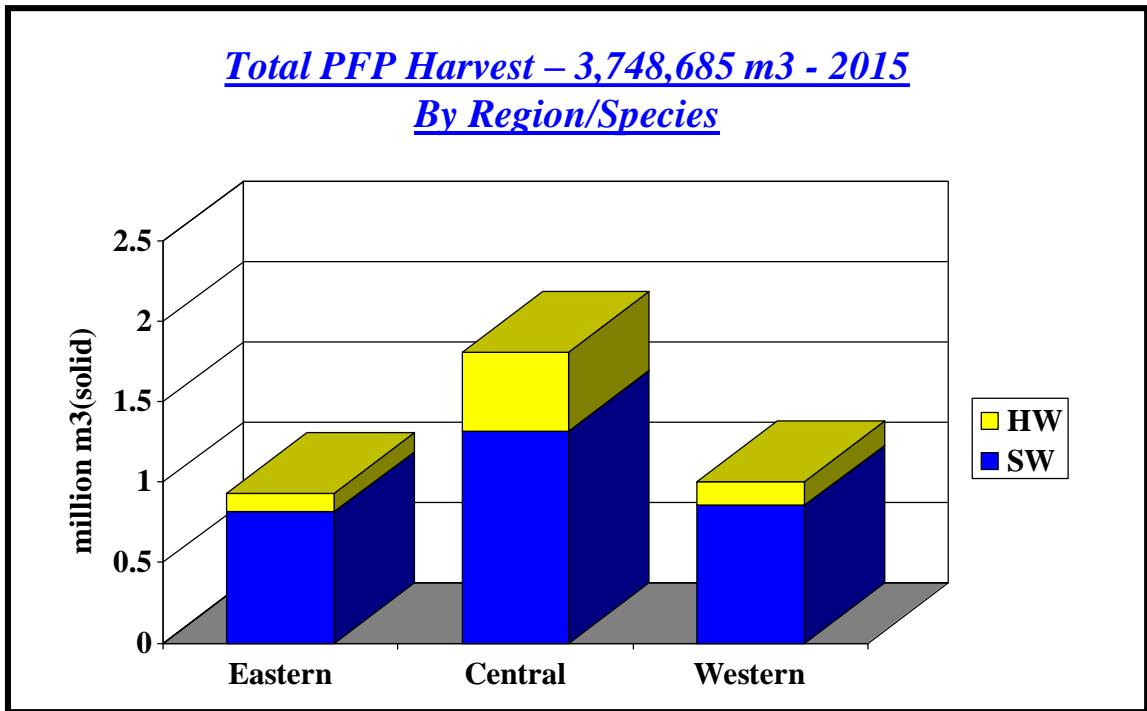


Fig.14

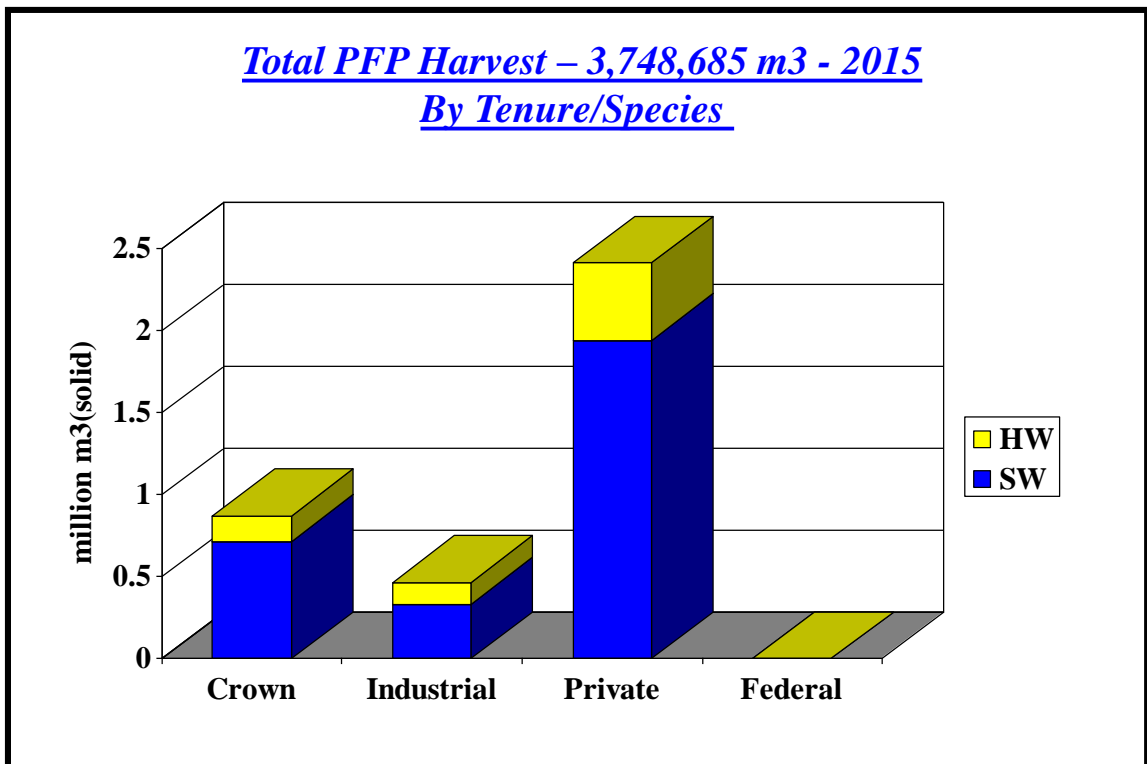


Fig. 15

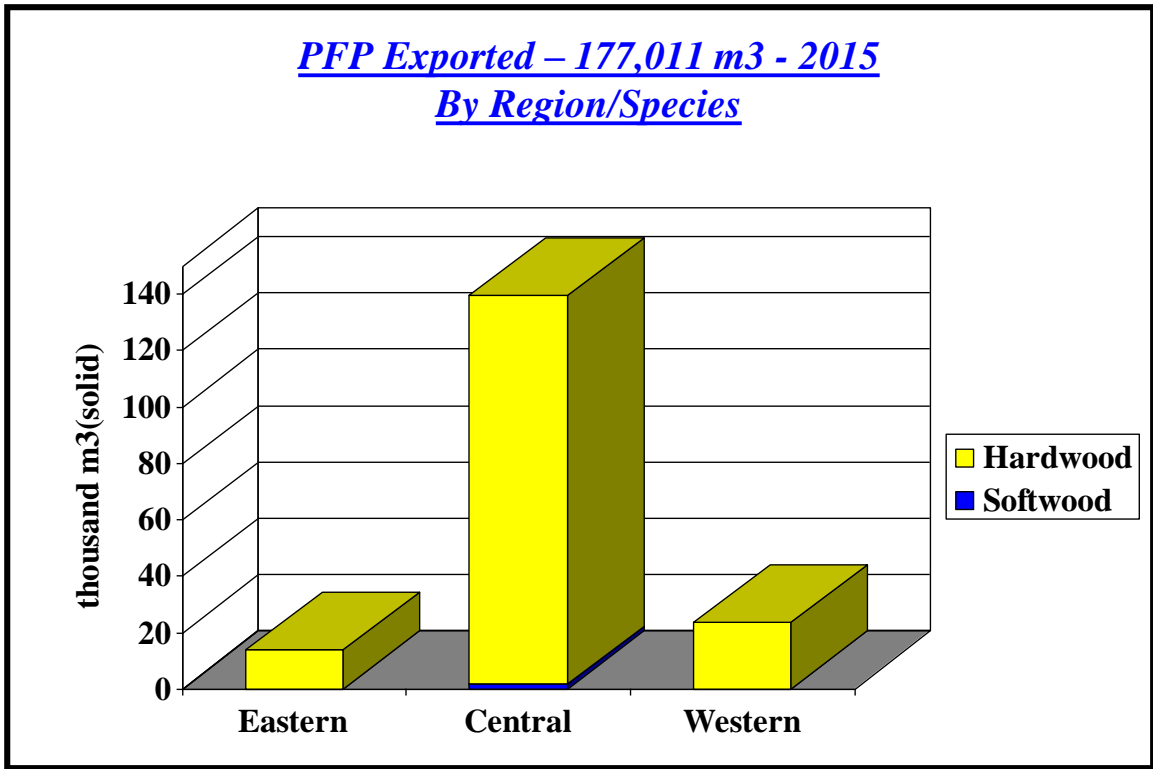


Fig.16

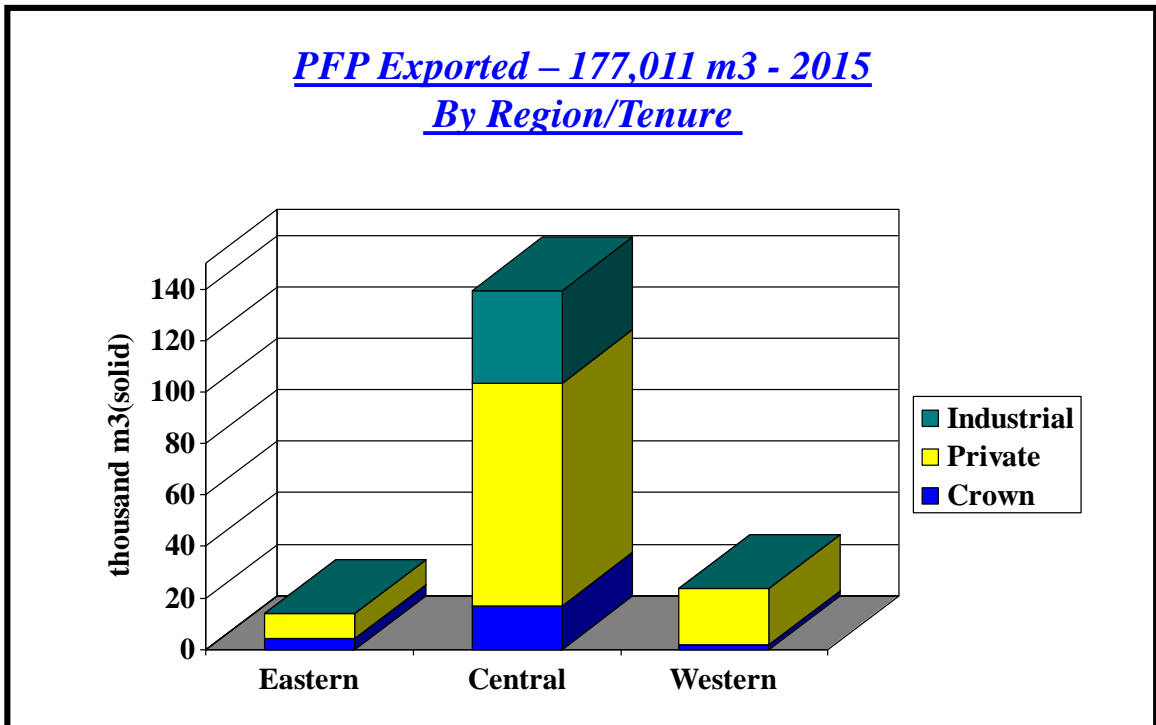


Fig.17

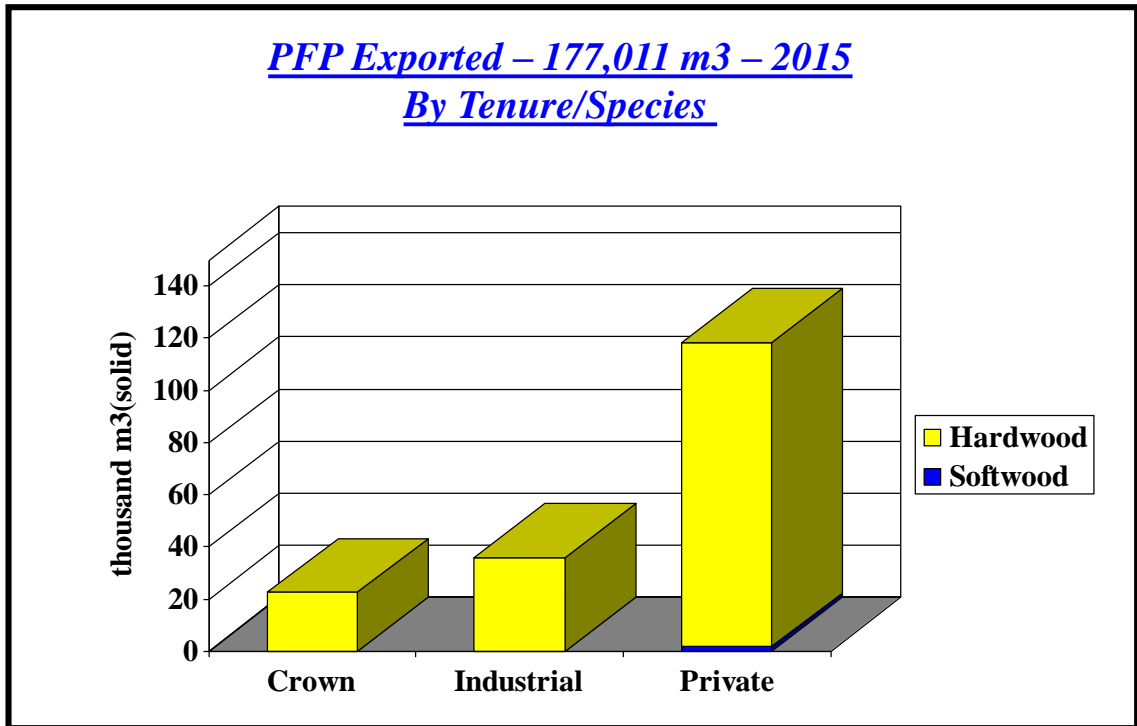


Fig.18

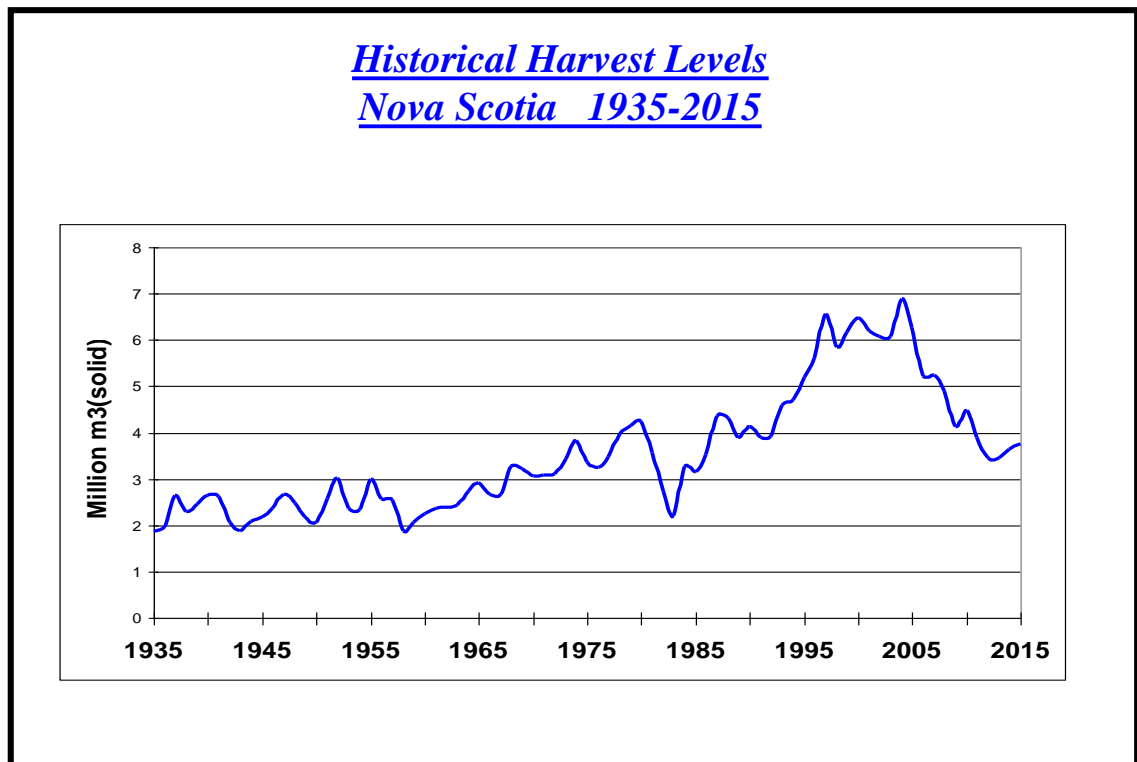


Fig.19

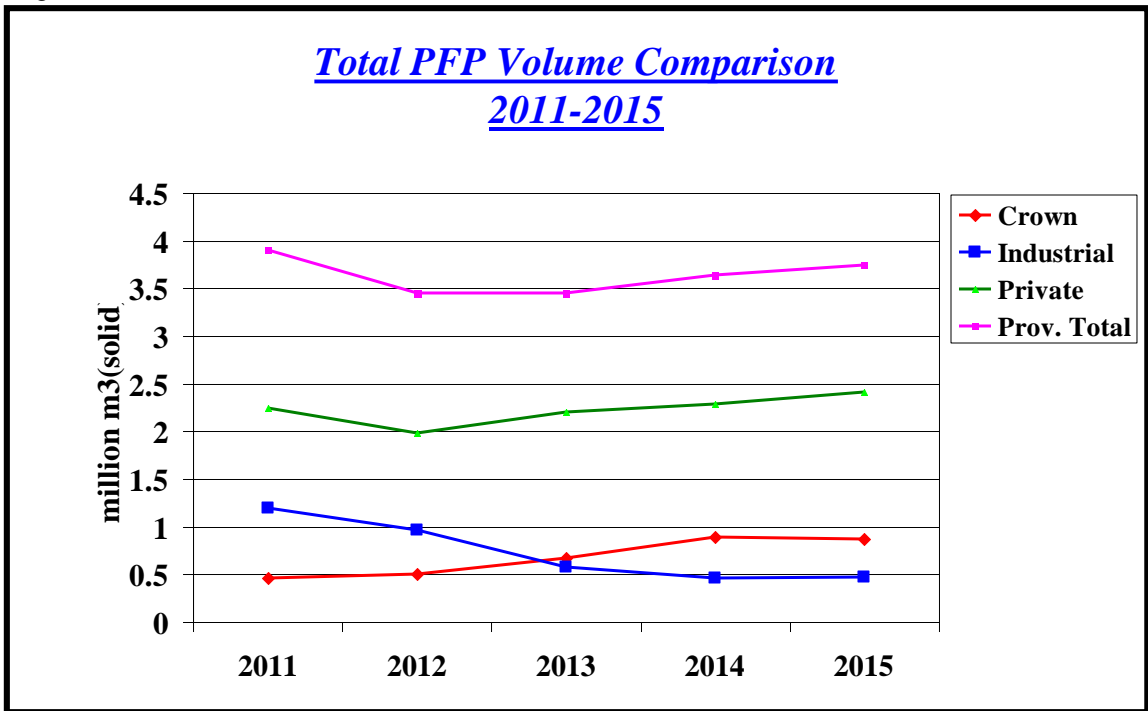


Fig.20

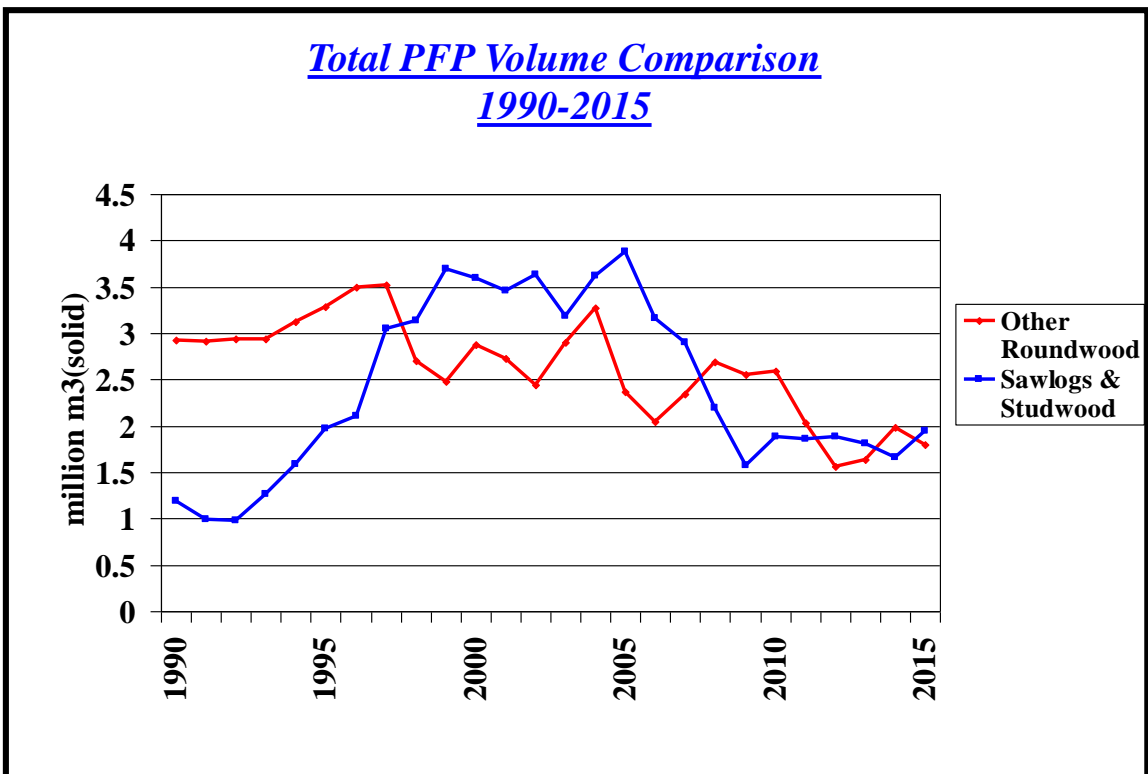


Fig.21

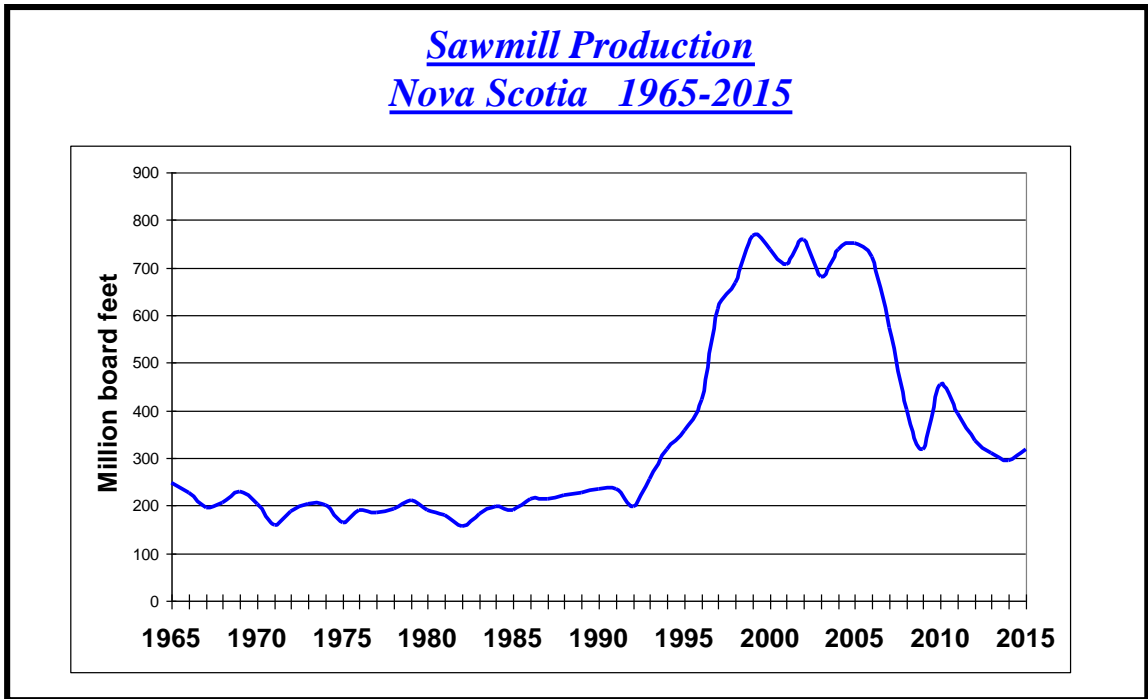
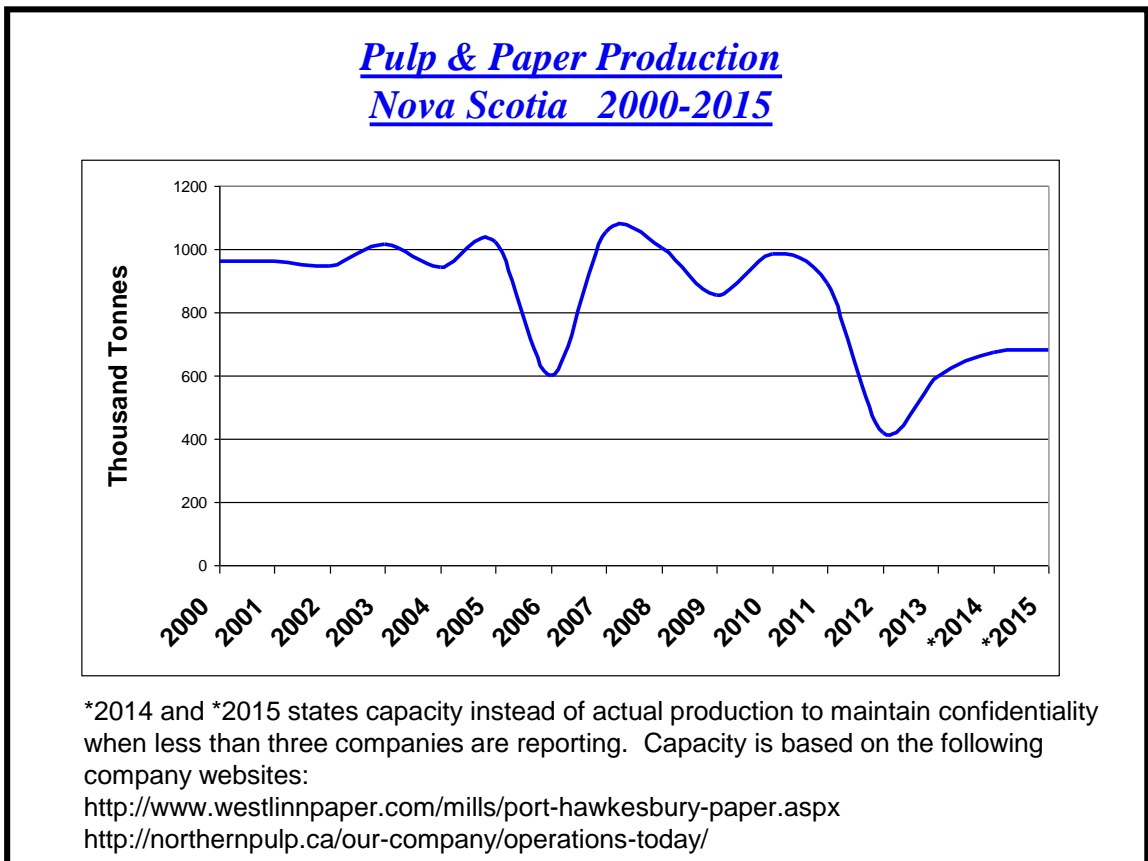


Fig.22



WOOD ACQUISITION PLAN PROGRAM SUMMARY 2015

The Wood Acquisition Plan (WAP) Program required by the Forest Sustainability Regulations, completed its 16th year of operation in 2015. All Registered Buyers who, in 2015, 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, 2016 for the volume of wood they acquired.

The volumes for 2015 that required a WAP totaled 2,796,859 cubic metres, accounting for 75% 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 7,063,848 silviculture credits were required to be submitted for the 2,796,859 cubic metres of wood Registered Buyers acquired. Table 1 also shows that the Registered Buyers submitted a total (including associated administrative credits) of 8,664,280 silviculture credits. All Registered Buyers who required a WAP for 2015 were compliant.

There were 24 Registered Buyers with approved WAP's in 2015. This resulted in 16,877 hectares of silviculture treatments being submitted. There was one small contribution to the Sustainable Forest Fund which amounted to \$9.00.

Table 2 of the summary shows 16,877 hectares of silviculture being submitted, equating to 7,797,930 credits (not including Admin). With regards to silviculture credits claimed, Category 4, Density Control and Release in Plantations made up 31% of the total credits claimed. Next was Category 5, Density Control and Release in Natural Stands, at 23%. Followed by Category 2, Plantation Establishment at 20% and Category 3, Early Competition Control at 13%. These four silviculture treatments made up 87% of all silviculture credits claimed in 2015.

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 2015 by silviculture category, ownership and species type (see Table 5) indicates that submitted softwood and hardwood treatment area was 92% and 8% respectively.

Note: Primary Forest Product Conversion Factors can be found in Schedule 2 of the Registration and Statistical Returns Regulations, <http://www.novascotia.ca/just/regulations/regs/FOreturn.htm>

Table 1. SUMMARY OF WOOD ACQUISITION PLAN REQUIREMENTS AND SILVICULTURE BY TENURE – 2015

Tenure	Species	Wood Acquisition (m3)	Required Silviculture Credit Value 2015	Completed Silviculture Credit Value 2015 (+ Admin)
Industrial	Softwood	333,031	999,093	2,828,147
Industrial	Hardwood	134,439	80,663	42,475
Sub Total		467,470	1,079,756	2,870,622
Private	Softwood	1,911,028	5,733,084	5,398,559
Private	Hardwood	418,361	251,007	359,099
Sub Total		2,329,389	5,984,091	5,793,658
TOTAL		2,796,859	7,063,848	8,664,280
Total Administrative Credits Applied				866,350
Net Completed Silviculture Credit Value				7,797,930

Fig. 1

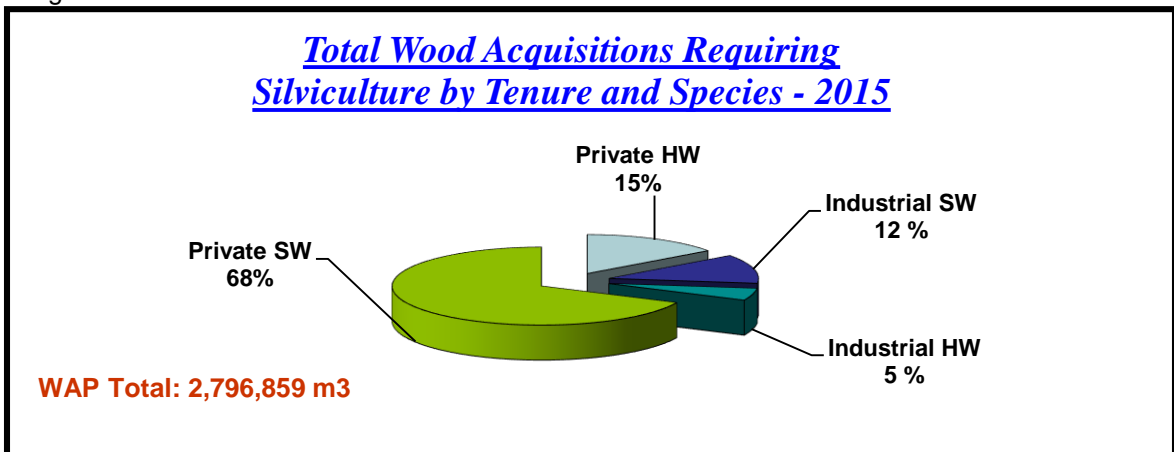


Fig. 2

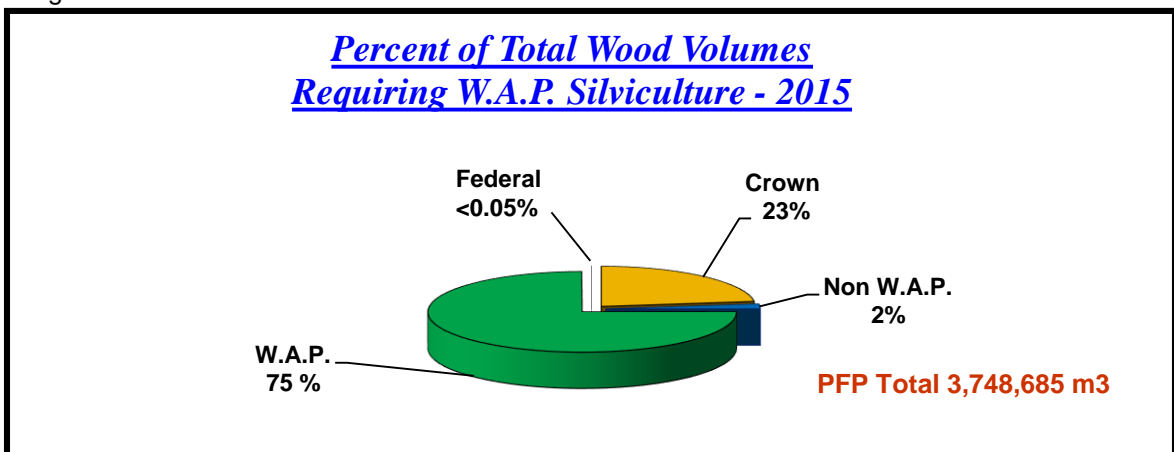


TABLE 2. SUMMARY OF COMPLETED SILVICULTURE BY CATEGORY, AREA AND CREDIT VALUE - 2015

Category	Area (hectares) (%)	Credit Value (%)
1a. Natural Regeneration Establishment < 300/ ha	4,769 (28)	333,861 (4)
1b. Natural Regeneration Establishment >= 300/ha	21 (<0.5)	6,300 (<0.1)
2a. Established Plantation	2,596 (15)	1,557,294 (20)
2b. Intensive Plantation	664 (4)	99,580 (1)
3. Early Competition Control: Plantation & Natural	2,434 (15)	973,520 (13)
4. Density Control & Release; Plantations	3,002 (18)	2,401,288 (31)
5. Density Control & Release; Natural Stand	2,245 (13)	1,796,144 (23)
6. Commercially Thinned	871 (5)	479,281 (6)
7. Quality Improvement: (a) Crop Trees Released	2 (<0.1)	567 (<0.1)
(b) Crop Trees Pruned	0 (0)	0 (0)
(c) Selection Managed	273 (<2)	150,095 (<2)
TOTALS	16,877	7,797,930

Fig. 3

Percent of Silviculture Credits Claimed by Treatment Category - 2015

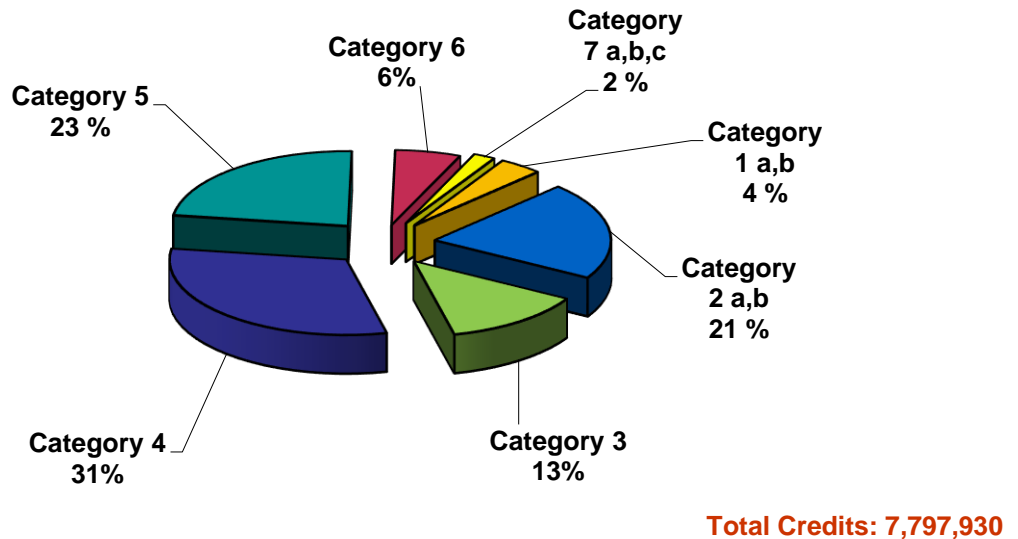


TABLE 3. SUMMARY OF COMPLETED SILVICULTURE BY SPECIES TYPE AND CREDIT VALUE - 2015

Species Type	Credit value (+ Admin)	% of Total
Softwood	8,226,706	95%
Hardwood	437,574	5%
TOTAL	8,664,280	100%

TABLE 4. SUMMARY OF COMPLETED SILVICULTURE BY CATEGORY AND TENURE CLASS - 2015

Category	Credit Value	
	Industrial	Private
1a. Natural Regeneration Establishment < 300/ ha	6,853	327,008
1b. Natural Regeneration Establishment >= 300/ ha	6,300	0
2a. Plantation Establishment	576,528	980,766
2b. Intensive Plantation	0	99,580
3. Early Competition Control: Plantation & Natural	553,680	419,840
4. Density Control & Release; Plantation	879,152	1,522,136
5. Density Control & Release; Natural Stands	371,048	1,425,096
6. Commercially Thinned	190,025	289,256
7. Quality Improvement: (a) Crop Trees Released	0	567
(b) Crop Trees Pruned	0	0
(c) Selection Managed		150,095
Totals	2,583,586	5,214,344
	7,797,930	

**TABLE 5. SUMMARY OF COMPLETED SILVICULTURE AREA (ha)
BY CATEGORY AND TENURE CLASS - 2015**

Category	Area Treated (ha) by Tenure /Species			
	Industrial Softwood	Private Softwood	Industrial Hardwood	Private Hardwood
1a Natural Regeneration Establishment <300/ha	48	3794	50	877
1b. Natural Regeneration Establishment >=300/ha	21	0	0	0
2a. Established Plantation	961	1,635	0	0
2b. Intensive Plantation	0	664	0	0
3. Early Competition Control: Plantation & Natural	1,384	1,050	0	0
4 .Density Control & Release; Plantation	1,099	1,903	0	0
5. Density Control & Release; Natural Stand	420	1,574	43	207
6. Commercially Thinned	346	515	0	11
7. Quality Improvement: (a) Crop Trees Released	0	0	0	2
(b) Crop Trees Pruned	0	0	0	0
(c) Selection Managed	0	51	0	222
TOTAL AREA BY TENURE/SPECIES	4,279	11,186	93	1,319
TOTAL AREA BY SPECIES	15,465		1,412	
TOTAL AREA	16,877			

Fig. 4

