

Registry of Buyers of Primary Forest Products

2017 Calendar Year



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2017 Calendar Year

Natural Resources
Report FOR 2017-12
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Cover Photo: Michelle, Amyiah, and Maria Burgess of Burgess Baskets (E & M Burgess Enterprises) exhibiting a sample of baskets and berry boxes produced at their manufacturing plant in Newport Station, Nova Scotia, from aspen veneer logs.

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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. This report provides the volumes extracted from Nova Scotia forests categorized by county and ownership. This data is necessary for annual harvest level reporting.

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 – 2017

The total reported provincial harvest for 2017 was 3,292,525 cubic metres of solid wood. Of this amount, 80% or 2,637,556 cubic metres were softwood species. The total volume of wood acquired for export was reported to be 236,035 cubic metres, or 7% of the total harvest. The total volume of wood imported for use in Nova Scotia was reported to be 228,463 cubic metres, or 7% of the total wood consumed in Nova Scotia.

The provincial harvest for 2017 shows a decrease of 11.9% compared to the 2016 harvest of 3,736,468 cubic metres.

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 Nova Scotia Buyers and manufacturers or imported into Nova Scotia.

Statistical returns were received from 167 Registered Buyers and there were no non-compliant buyers in 2017. Of the 167 buyers, 129 were reported to be active in the 2017 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 – 2017

Business Type	2016	% of total harvest	2017	% of total harvest
Sawmill	118	55.7%	116	56.7%
Pulp/Paper/Hardboard	3	32.1%	3	35.1%
Energy Generation	3	2.5%	4	2.6%
Wood Export	19	7.3%	18	4.4%
Firewood Sales	11	0.7%	18	1.0%
Other	9	1.7%	8	0.2%
Total No. of Buyers	163	100.0%	167	100.0%

**PROVINCIAL HARVEST BY PRIMARY FOREST
PRODUCT AND SPECIES TYPE
2017**

Product	Percent of Total Harvest	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Firewood	2%	58,825	706	59,531
Fuelwood	<1%	25	1,586	1,611
Energy Wood	2%	36,716	42,063	78,779
Posts/Rails, House Logs	<1%	0	1,987	1,987
Pulpwood	42%	502,299	883,838	1,386,137
Studwood/Sawlogs	53%	53,806	1,707,376	1,761,182
OSB Wood/Veneer Logs	<1%	3,298	0	3,298
Totals	100%	654,969	2,637,556	3,292,525

**PRIMARY FOREST PRODUCT EXPORTS
BY PRODUCT AND SPECIES TYPE
2017**

Product	Percent of Total Export	Hardwood m3 solid	Softwood m3 solid	Total m3 solid
Pulpwood	99%	232,513	217	232,730
Studwood/Sawlogs	<1%	478	846	1,324
OSB Wood/Veneer Logs	<1%	1,981	0	1,981
Fuelwood/Firewood	0%	0	0	0
Totals	100%	234,972	1,063	236,035

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 – 2017
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	151,567	0	151,567
		H	56,617	1,267	57,884
Antigonish	3%	S	72,226	0	72,226
		H	13,178	1,788	14,966
Cape Breton	3%	S	95,380	0	95,380
		H	3,892	0	3,892
Colchester	8%	S	200,600	0	200,600
		H	33,604	12,501	46,105
Cumberland	16%	S	318,623	979	319,602
		H	72,984	128,243	201,227
Digby	5%	S	157,759	0	157,759
		H	7,251	0	7,251
Guysborough	9%	S	263,763	0	263,763
		H	21,709	24,805	46,514
Hants	6%	S	158,297	0	158,297
		H	36,101	10,705	46,806
Halifax	6%	S	172,502	0	172,502
		H	22,522	10,464	32,986
Inverness	4%	S	117,372	0	117,372
		H	15,555	3,715	19,270
Kings	4%	S	89,542	75	89,617
		H	33,547	4,320	37,867
Lunenburg	7%	S	205,462	0	205,462
		H	31,077	1,351	32,428
Pictou	9%	S	230,736	9	230,745
		H	39,148	34,493	73,641
Queens	5%	S	136,442	0	136,442
		H	23,959	1,144	25,103
Richmond	3%	S	80,759	0	80,759
		H	1,375	176	1,551
Shelburne	1%	S	21,932	0	21,932
		H	2,622	0	2,622
Victoria	3%	S	92,654	0	92,654
		H	1,320	0	1,320
Yarmouth	2%	S	70,877	0	70,877
		H	3,536	0	3,536
Total	100%	S	2,636,493	1,063	2,637,556
		H	419,997	234,972	654,969
Grand Total			3,056,490	236,035	3,292,525

TOTAL PROVINCIAL HARVEST – 2017
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	13%	S	93,793	0	93,793
		H	31,978	1,267	33,245
Antigonish	1%	S	11,921	0	11,921
		H	271	224	495
Cape Breton	3%	S	28,413	0	28,413
		H	1,105	0	1,105
Colchester	6%	S	41,899	0	41,899
		H	6,436	5,830	12,266
Cumberland	4%	S	22,261	0	22,261
		H	8,551	7,484	16,035
Digby	1%	S	12,196	0	12,196
		H	2,228	0	2,228
Guysborough	19%	S	144,373	0	144,373
		H	9,740	23,736	33,476
Hants	4%	S	25,193	0	25,193
		H	8,774	376	9,150
Halifax	5%	S	46,509	0	46,509
		H	3,626	2,915	6,541
Inverness	6%	S	53,733	0	53,733
		H	2,531	3,715	6,246
Kings	5%	S	29,690	0	29,690
		H	10,202	4,214	14,416
Lunenburg	5%	S	37,458	0	37,458
		H	6,048	976	7,024
Pictou	8%	S	66,693	0	66,693
		H	1,297	10,941	12,238
Queens	10%	S	76,177	0	76,177
		H	17,397	1,144	18,541
Richmond	2%	S	20,767	0	20,767
		H	501	176	677
Shelburne	1%	S	5,613	0	5,613
		H	1,663	0	1,663
Victoria	6%	S	55,225	0	55,225
		H	450	0	450
Yarmouth	1%	S	8,333	0	8,333
		H	139	0	139
Total	100%	S	780,247	0	780,247
		H	112,937	62,998	175,935
Grand Total			893,184	62,998	956,182

TOTAL PROVINCIAL HARVEST – 2017
INDUSTRIAL TENURE BY COUNTY OF ORIGIN, SPECIES AND USE

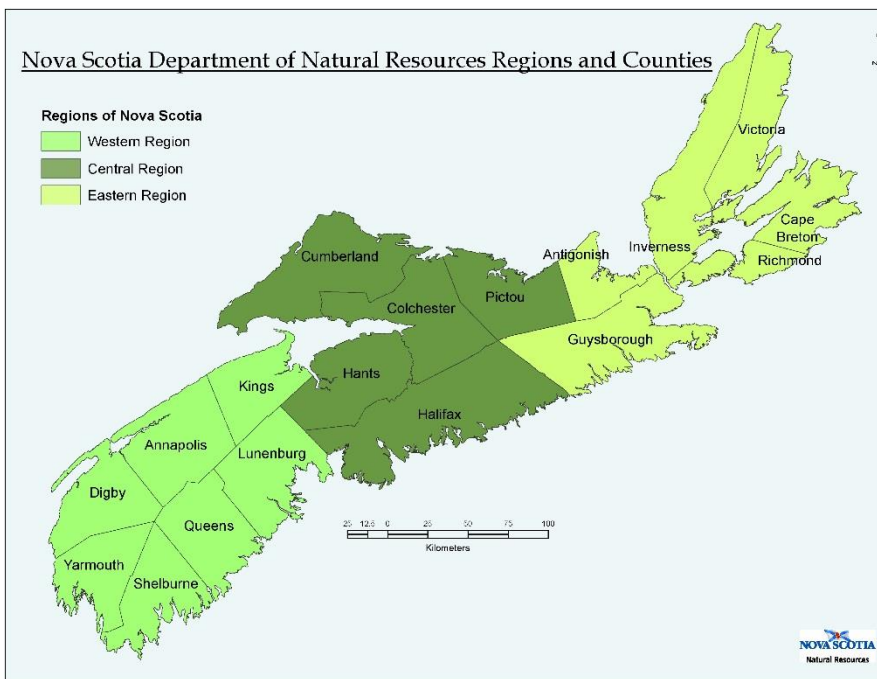
County	Percent of Harvest	Species Type	Provincial m3 solid	Export m3 solid	Total m3 solid
Annapolis	<1%	S	509	0	509
		H	0	0	0
Antigonish	0%	S	0	0	0
		H	0	0	0
Cape Breton	0%	S	0	0	0
		H	0	0	0
Colchester	20%	S	47,754	0	47,754
		H	8,294	3,741	12,035
Cumberland	29%	S	69,574	247	69,821
		H	8,700	9,554	18,254
Digby	0%	S	0	0	0
		H	0	0	0
Guysborough	<1%	S	719	0	719
		H	301	0	301
Hants	12%	S	35,219	0	35,219
		H	832	402	1,234
Halifax	29%	S	76,323	0	76,323
		H	7,814	4,339	12,153
Inverness	0%	S	0	0	0
		H	0	0	0
Kings	<1%	S	1	0	1
		H	0	0	0
Lunenburg	3%	S	10,579	0	10,579
		H	17	0	17
Pictou	4%	S	12,534	0	12,534
		H	442	83	525
Queens	2%	S	7,203	0	7,203
		H	63	0	63
Richmond	0%	S	0	0	0
		H	0	0	0
Shelburne	<1%	S	4	0	4
		H	0	0	0
Victoria	0%	S	0	0	0
		H	0	0	0
Yarmouth	<1%	S	482	0	482
		H	0	0	0
Total	100%	S	260,901	247	261,148
		H	26,463	18,119	44,582
Grand Total			287,364	18,366	305,730

TOTAL PROVINCIAL HARVEST – 2017
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	57,265	0	57,265
		H	24,639	0	24,639
Antigonish	4%	S	60,305	0	60,305
		H	12,907	1,564	14,471
Cape Breton	3%	S	66,967	0	66,967
		H	2,787	0	2,787
Colchester	7%	S	110,947	0	110,947
		H	18,874	2,930	21,804
Cumberland	19%	S	226,788	732	227,520
		H	55,733	111,205	166,938
Digby	7%	S	145,563	0	145,563
		H	5,023	0	5,023
Guysborough	7%	S	118,671	0	118,671
		H	11,668	1,069	12,737
Hants	7%	S	97,885	0	97,885
		H	26,495	9,927	36,422
Halifax	3%	S	49,670	0	49,670
		H	11,082	3,210	14,292
Inverness	4%	S	63,639	0	63,639
		H	13,024	0	13,024
Kings	4%	S	59,851	75	59,926
		H	23,345	106	23,451
Lunenburg	9%	S	157,425	0	157,425
		H	25,012	375	25,387
Pictou	10%	S	151,509	9	151,518
		H	37,409	23,469	60,878
Queens	3%	S	53,062	0	53,062
		H	6,499	0	6,499
Richmond	3%	S	59,992	0	59,992
		H	874	0	874
Shelburne	1%	S	16,315	0	16,315
		H	959	0	959
Victoria	2%	S	37,429	0	37,429
		H	870	0	870
Yarmouth	3%	S	62,062	0	62,062
		H	3,397	0	3,397
Total	100%	S	1,595,345	816	1,596,161
		H	280,597	153,855	434,452
Grand Total			1,875,942	154,671	2,030,613

TOTAL PROVINCIAL HARVEST – 2017
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 – 2017

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

NAME

LOCATION

COUNTY

Acquiring over 200 000 per year

Harry Freeman & Son Ltd.	Greenfield	Queens
J.D. Irving – Truro Lumber	Valley	Colchester
Ledwidge Lumber Co. Ltd.	Enfield	Halifax
Scotsburn Lumber Ltd.	Scotsburn	Pictou

Acquiring 30 001 to 200 000 per year

Elmsdale Lumber Co. Ltd.	Elmsdale	Hants
F.W Taylor Lumber Ltd.	Middle Musquodoboit	Halifax
Groupe Savoie Westville Divison	Westville	Pictou
Lewis Mouldings & Wood Specialties	Weymouth	Digby

Acquiring 10 001 to 30 000 per year

J.A. Turner & Sons (1987) Ltd.	West Northfield	Lunenburg
Turner and Turner Lumber Ltd.	Bridgewater	Lunenburg
Williams Brothers (2013) Ltd.	Barney's River	Pictou

Sawmills by Acquisition Class – 2017

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 3 001 to 10 000 per year</u>		
A.F.T. Sawmill Ltd.	Meteghan River	Digby
Dave's Lumber Ltd.	Pictou	Pictou
Elmer Lohnes Lumbering Ltd.	Wileville	Lunenburg
New Arbor Products Limited	Glenholme	Colchester
<u>Acquiring 1 001 to 3 000 per year</u>		
3282669 Nova Scotia Ltd.	Middle Musquodoboit	Halifax
Baddeck Valley Wood Producers	Baddeck	Victoria
E & M Burgess Enterprises Ltd.	Newport Station	Hants
Hurlburt Lumber Ltd.	Pleasant Valley	Yarmouth
Lester D. Collicutt Lumber Ltd.	Chester	Lunenburg
Maurice Bruhm Ltd.	Mahone Bay	Lunenburg
North Range Forest Products	Barton	Digby
Randall Dearmond	Beaver Brook	Colchester
Richard Neily	Falmouth	Hants
S. G. Levy & Sons Ltd.	Wolfville	Kings
Thomas Scott Lumber Ltd.	Barrington	Shelburne
Vernon Sprague & Son	Wentworth	Cumberland
<u>Acquiring 1 to 1 000 per year</u>		
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
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
Doug's Portable Custom Sawing	Debert	Colchester
Douglas and Charles Moore Lumber	Upper North Sydney	Cape Breton
Edward Atwood	Barrington	Shelburne
Far East Enterprises	Antigonish	Antigonish

Sawmills by Acquisition Class – 2017

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>		
Fisherman's Choice Trap Builders	River John	Pictou
Forsyth & Forsyth Lumbering	Coldbrook	Kings
Frank and Jack Penny	Springfield	Annapolis
Fred Zwicker	Cambridge	Kings
Free Spirit Farm	Tatamagouche	Colchester
Garnett Davison	Newport	Hants
Gary LeBlanc Logging & Lumber	Church Point	Digby
Gerry Falconer	Scotsburn	Pictou
Glenn Spencer	Aylesford	Kings
Gordon Bezanson	New Chester	Guysborough
Greenwood Meadows Ltd.	Baddeck	Victoria
Hugh MacInnis Lumber Ltd.	Frenchvale	Cape Breton
James Johnson	East Mountain	Colchester
Jeffrey Robar	Chelsea	Lunenburg
Jody Davis	Shelburne	Shelburne
John and Everett Rand	Canning	Kings
Karl Dueck	Upper Kennetcook	Hants
L. E. Elliott Lumber Ltd.	New Ross	Lunenburg
Larch Wood Enterprises	Margaree	Inverness
Lawrence Rudolph	Little Liscomb	Guysborough
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 Harlow	Dartmouth	Queens
Michael Joudrey	River John	Pictou
Middle River Contracting Ltd.	Westville	Pictou
Nolan Mullen	Weymouth	Digby
Payson Dobson Lumber Ltd.	Westchester	Cumberland
Penner Custom Sawing	Berwick	Kings
Peter Lawrence	Brooklyn	Queens

Sawmills by Acquisition Class – 2017

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
River Ryan Lumber	New Waterford	Cape Breton
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
Spectrum Automotive Ltd.	Kentville	Kings
Sweet Mountain Farm	Antigonish	Antigonish
Timothy Barteaux	Annapolis Royal	Annapolis
W.R. Chisholm & Sons Trucking Ltd.	Scotsburn	Pictou
Wayne B. Millett Lumber and Boxes	Chester Basin	Lunenburg
Wayne Comeau	Saulnierville	Digby
Webster Farms Ltd.	Cambridge Station	Kings
Wolfgang Development Ltd	Glen Haven	Halifax

Sawmills by Acquisition Class – 2017

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 None</u>		
A.G. Spears Sawmill	Shelburne	Shelburne
B. A. Fraser Lumber Ltd.	Margaree Valley	Inverness
Brown's Portable Sawmill	Caribou River	Colchester
C.E. Harrison & Sons	Parrsboro	Cumberland
Central Cape Breton Forestry Serv.	Benacadie	Cape Breton
Chuck Grady	Mulgrave	Guysborough
D & E Sawmill	Yarmouth	Yarmouth
D. Robinson	Aylesford	Kings
Daniel J. LeBlanc	Concession	Digby
Hazeldale Milling & Trucking Ltd.	Little Narrows	Victoria
Hillside Lumber	South Side Boularderie	Cape Breton
John MacLean	Little Narrows	Victoria
Joseph Breen	Afton	Antigonish
KAPP Lumber Mill & Production	Little Liscomb	Guysborough
Laurent Thibodeau & Son	Saulnierville	Digby
M. R. MacDonald Holdings 11 Limited	New Glasgow	Pictou
MacDonald's Sawmill	Sherbrooke	Guysborough
Neil MacKeigan Lumber Company Ltd.	Albert Bridge	Cape Breton
Northfire Farms	Milton	Shelburne
Parkwood Land Management Ltd.	Hopewell	Pictou
Theodore Bruhm	West Northfield	Lunenburg

Wood Export Businesses – 2017

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

NAME

LOCATION

COUNTY

Acquiring over 3000 per year

Great Northern Timber International	Sheet Harbour	Halifax
H. C. Haynes	Clifton	Colchester
River Philip Contracting	Oxford	Cumberland

Acquiring 1 to 3000 per year

Arbec Forest Products G.P.	Miramichi	New Brunswick
Athol Forestry Cooperative	Amherst	Cumberland
North Nova Forest Owners Co-op Ltd.	Wentworth	Cumberland

Acquiring none

3268239 Nova Scotia Ltd.	Digby	Digby
AV Nackawic Inc.	Nackawick	New Brunswick
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
Verso Corporation	Jay, Maine	Maine, USA
Wagner Forest N.S. Ltd.	Truro	Colchester

Firewood Sales Businesses – 2017

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
Conform Ltd.	Middle Musquodoboit	Halifax
Dave Grandy Trucking Ltd.	Tatamagouche	Colchester
E & R Langille Contracting Limited	New Glasgow	Pictou
E.B. Corkum Farm & Forest Ltd.	Port Williams	Kings
Good Wood Fuel	Bedford	Halifax
M. Keddy Farm and Forest Limited	New Ross	Lunenburg
Parson's Wood Products Ltd.	Middle Musquodoboit	Halifax
Peter Van Den Heuvel	Upper Pomquet	Antigonish

Acquiring 1 to 1 000 per year

Brazil Lake Enterprises	Brazil Lake	Yarmouth
Future Forestry Service Co-Op	New Glasgow	Pictou
La Foret Acadienne Limitee	Church Point	Digby
Medway Community Forest Cooperative	Caledonia	Queens
New Wave Forestry	Thorburn	Pictou
Ronal Graham Pulp Contracting Ltd.	Upper Stewiacke	Colchester
Thomas F. Hayne Contracting Ltd.	Antigonish	Antigonish
Wilfred H. Kinsman Forest Products	Cambridge	Kings

Acquiring None

J. W. Tanner Logging Ltd.	Bass River	Colchester
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Fuel Chips Sales Businesses – 2017

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 – 2017

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 – 2017

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
Russell Bros. Logging

Falmouth
Upper Stewiacke

Hants
Colchester

Acquiring none

Stella Jones Inc.

Truro

Colchester

Pulp/Paper/Hardboard Mill Businesses – 2017

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

NAME

LOCATION

COUNTY

Acquiring over 50 000 per year

Louisiana-Pacific Canada	Hubbards	Lunenburg
Northern Pulp Nova Scotia Corporation	New Glasgow	Pictou
Port Hawkesbury Paper LP	Port Hawkesbury	Richmond

Energy Generating Businesses – 2017

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

NAME

LOCATION

COUNTY

Acquiring over 10,000 per year

Brooklyn Power Corporation	Brooklyn	Queens
Hefler Forest Products Ltd.	Middle Sackville	Halifax
Nova Scotia Power Inc.	Port Hawkesbury	Richmond

Acquiring 1 to 10,000 per year

Cellufuel Inc.	Brooklyn	Queens
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Pellet Plant Businesses – 2017

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

NAME

LOCATION

COUNTY

Acquiring None

Shaw Resources

Shubenacadie

Hants

Nova Scotia Sawmills by Production Class – 2017

*Production Class (fbm)	Number of Sawmills	Production (fbm)	Percent of Total Production	Average Production per Mill (fbm)
1 – 20,000	49	407,631	0.09 %	8,319
20,001- 100,000	14	823,581	0.17 %	58,827
100,001 - 500,000	14	3,352,348	0.71 %	239,453
500,001 -1,000,000	4	2,684,778	0.57 %	671,194
1,000,001 – 3,000,000	3	5,898,195	1.24 %	1,966,065
3,000,001 – 10,000,000	5	28,740,351	6.06 %	5,748,070
over 10,000,000	6	431,988,508	91.16 %	71,998,085
Total	95	473,895,392	100%	

*21 Nova Scotia Sawmills had no lumber production in 2017.

Nova Scotia Secondary Forest Products – 2017

Product	Softwood m³	Hardwood m³	Total m³
Firewood / Slabwood	5,667	50,888	56,555
Fuel Chips / Energy Chips Pellets	24,470	15	24,485
Baskets / Components Cutting Boards / Flooring Fruit Boxes / Mouldings	0	1,002	1,002
Hog Fuel	391,224	439	391,663
Sawn Products	1,095,509	29,930	1,125,439
Pulp / Paper / Hardboard	576,943	51,249	628,192
Poles / Posts / Pilings House Logs / Railway ties	5,140	1,513	6,653
Shavings	66,368	10	66,378
Sawdust	58,295	3,246	61,541
Bark / Bark Mulch	55,206	0	55,206
Pulp Quality Chips	799,126	82,987	882,113

REGISTERED BUYERS BY BUSINESS TYPE AND COUNTY – 2017

County	Saw mill	Pulp Mill	Wood Export	Hardboard Mill	Firewood	Posts & Poles	Energy Gen.	Fuel Chips/ Chip Plant	Log Homes	Pellet Plant	Total
Annapolis	3	-	-	-	-	-	-	-	1	-	4
Antigonish	4	-	-	-	2	-	-	-	-	-	6
Cape Breton	8	-	-	-	-	-	-	-	-	-	8
Colchester	8	-	5	-	3	2	-	-	1	-	19
Cumberland	4	-	5	-	-	-	-	-	-	-	9
Digby	11	-	1	-	1	-	1	1	-	-	15
Guysborough	6	-	-	-	-	-	-	-	1	-	7
Hants	10	-	-	-	-	1	-	-	-	1	12
Halifax	7	-	1	-	4	-	1	-	-	0	13
Inverness	2	-	-	-	-	-	-	-	-	-	2
Kings	9	-	-	-	2	-	-	-	-	-	11
Lunenburg	13	-	-	1	1	-	-	-	-	-	15
Pictou	13	1	2	-	3	-	-	-	-	-	19
Queens	4	-	-	-	1	-	1	-	-	-	6
Richmond	-	1	-	-	-	-	1	-	-	-	2
Shelburne	7	-	-	-	-	-	-	-	-	-	7
Victoria	5	-	1	-	-	-	-	-	-	-	6
Yarmouth	2	-	-	-	1	-	-	-	-	-	3
Out of Prov.	-	-	3	-	-	-	-	-	-	-	3
Total	116	2	18	1	18	3	4	1	3	1	167

Fig.1

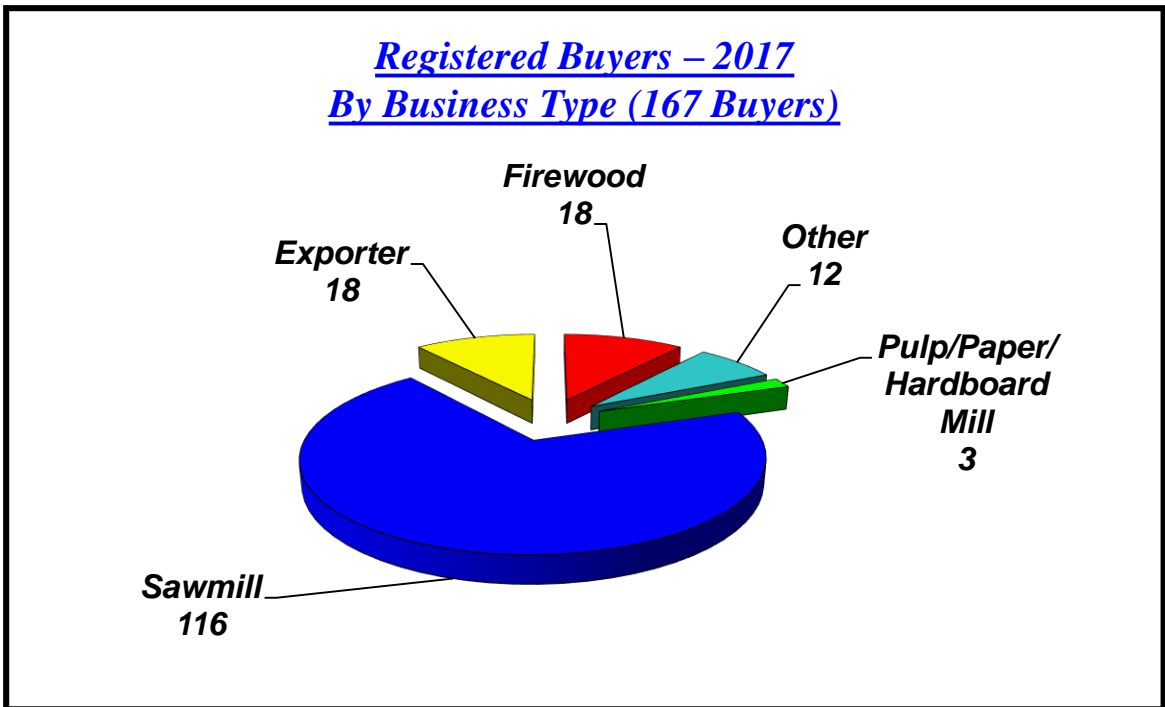


Fig.2

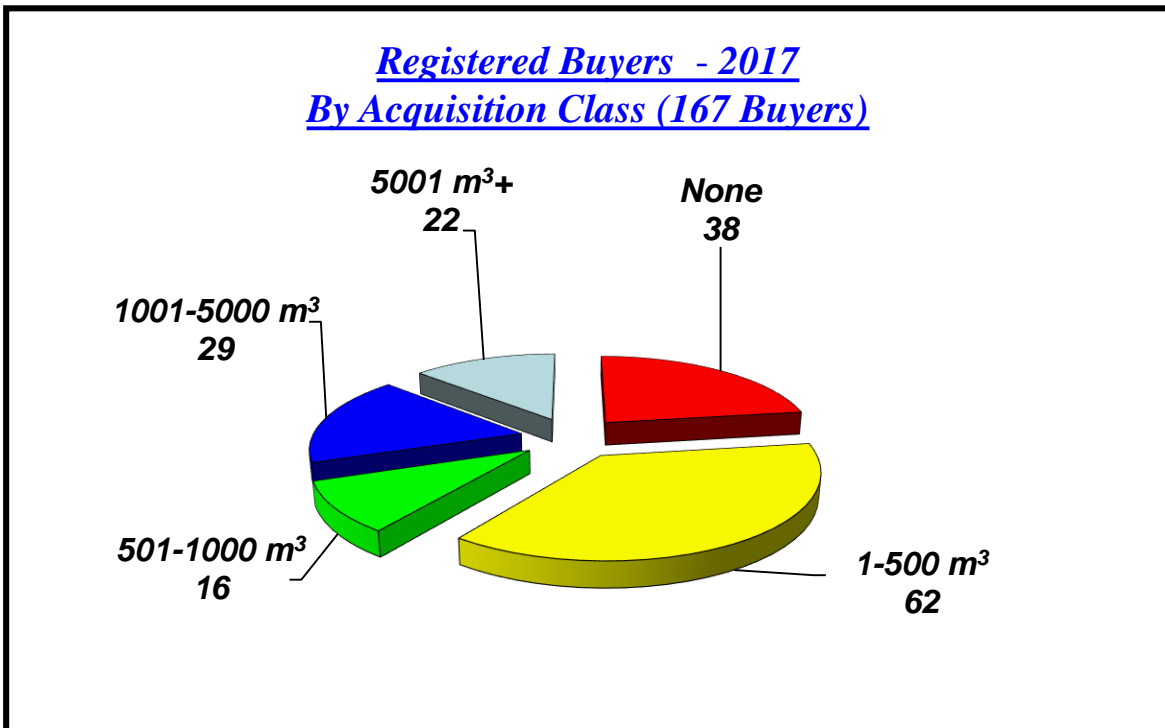


Fig.3

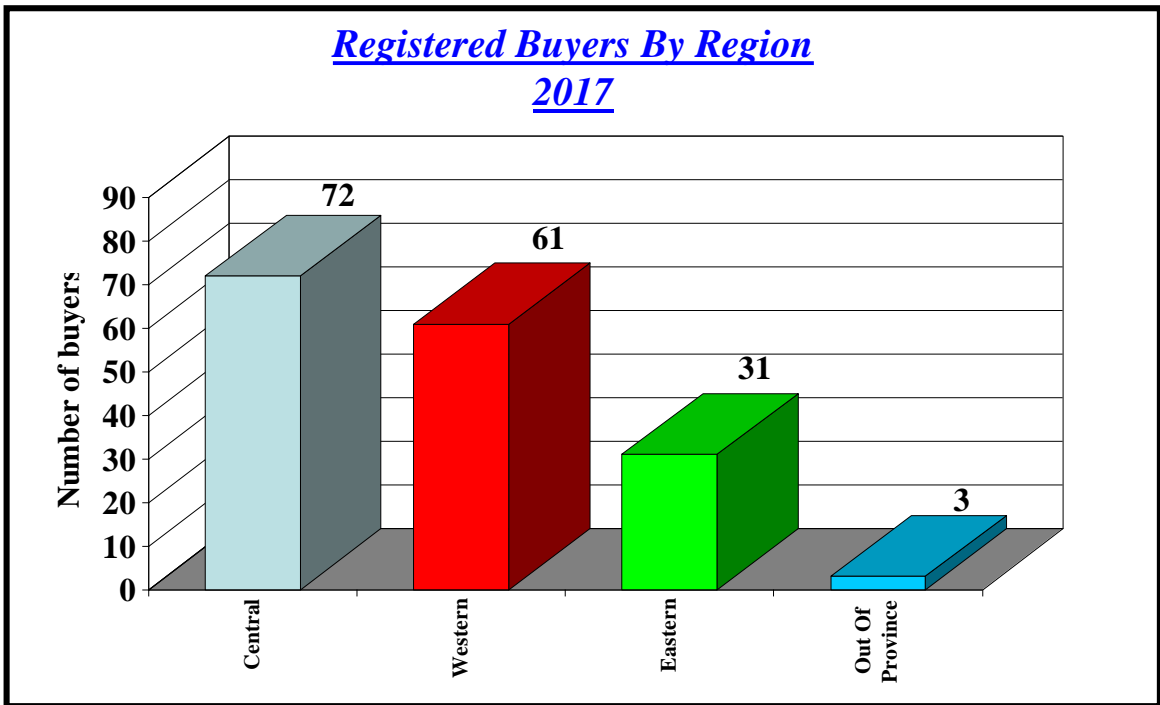


Fig.4

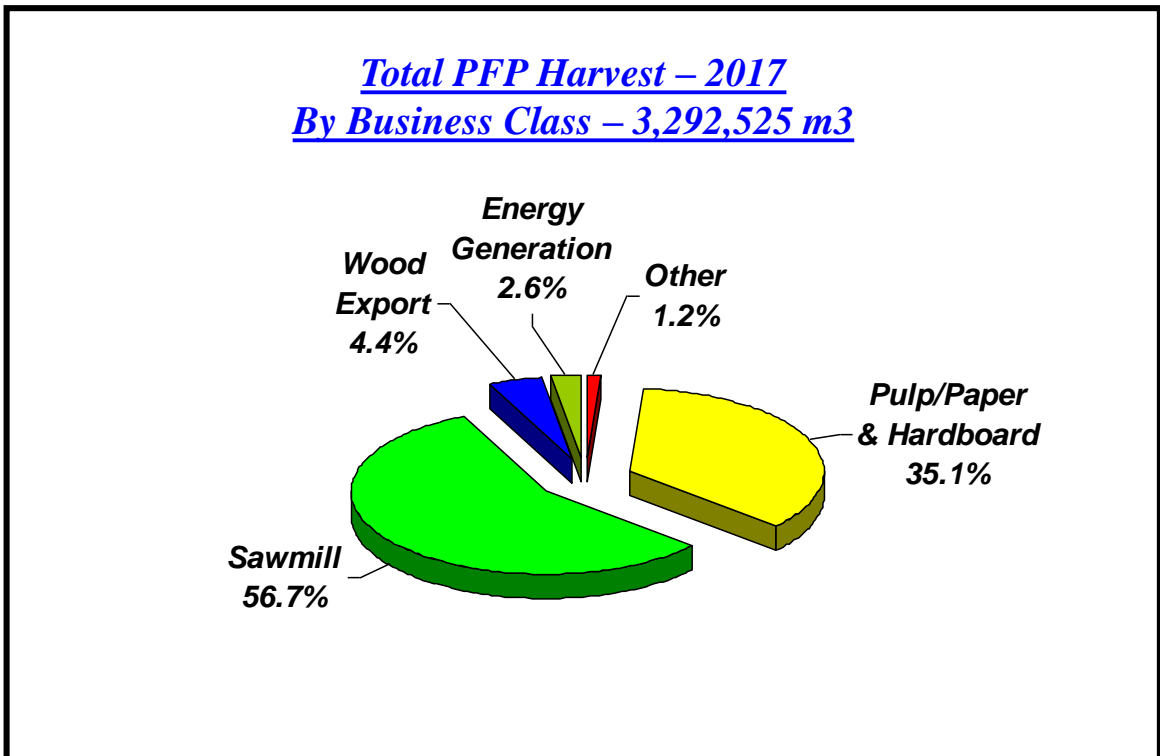


Fig.5

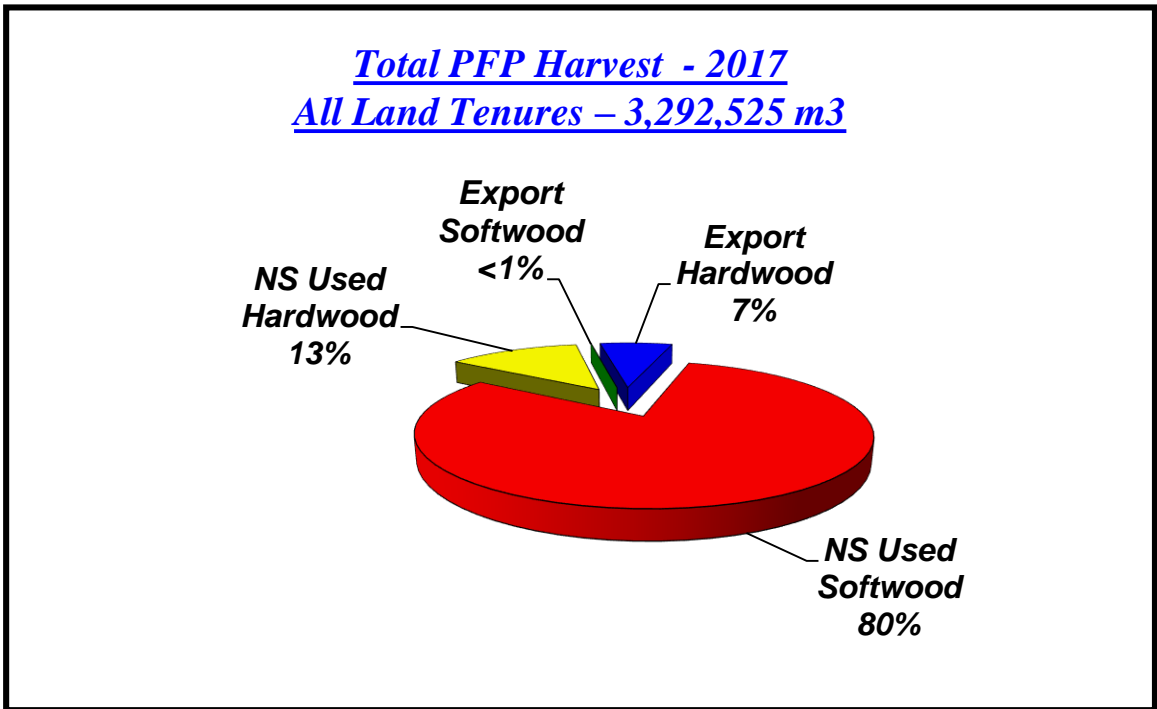


Fig.6

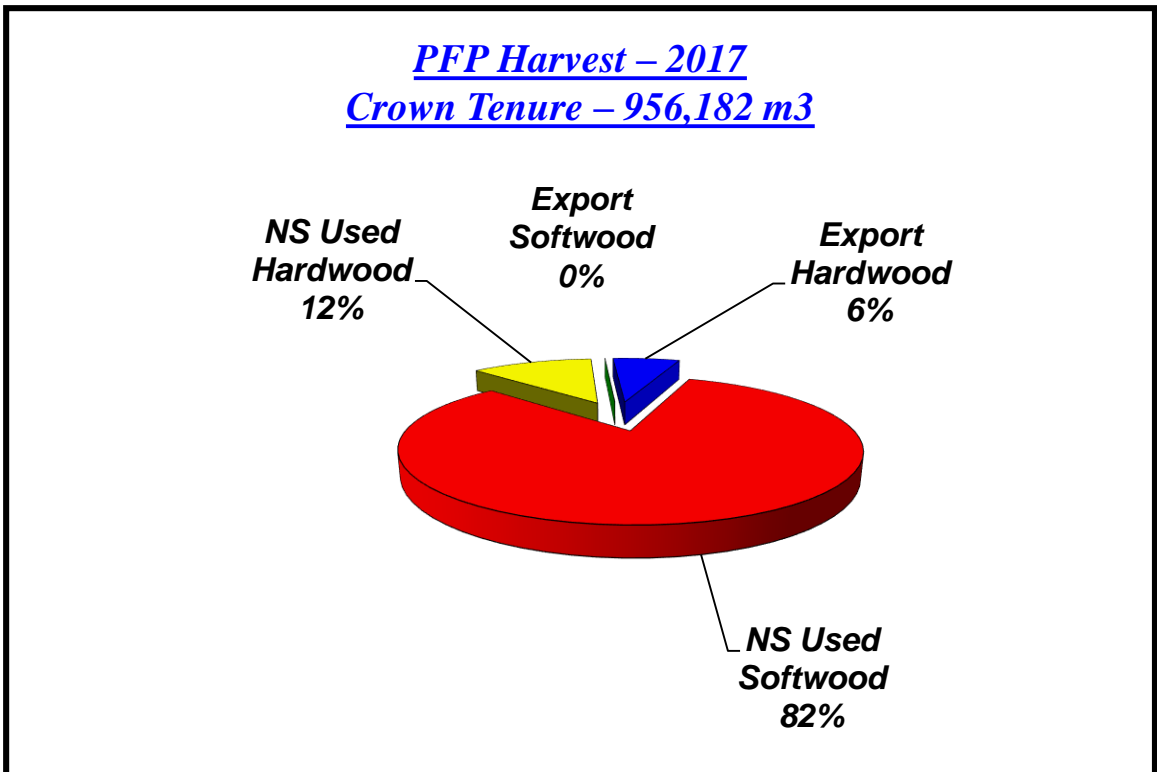


Fig.7

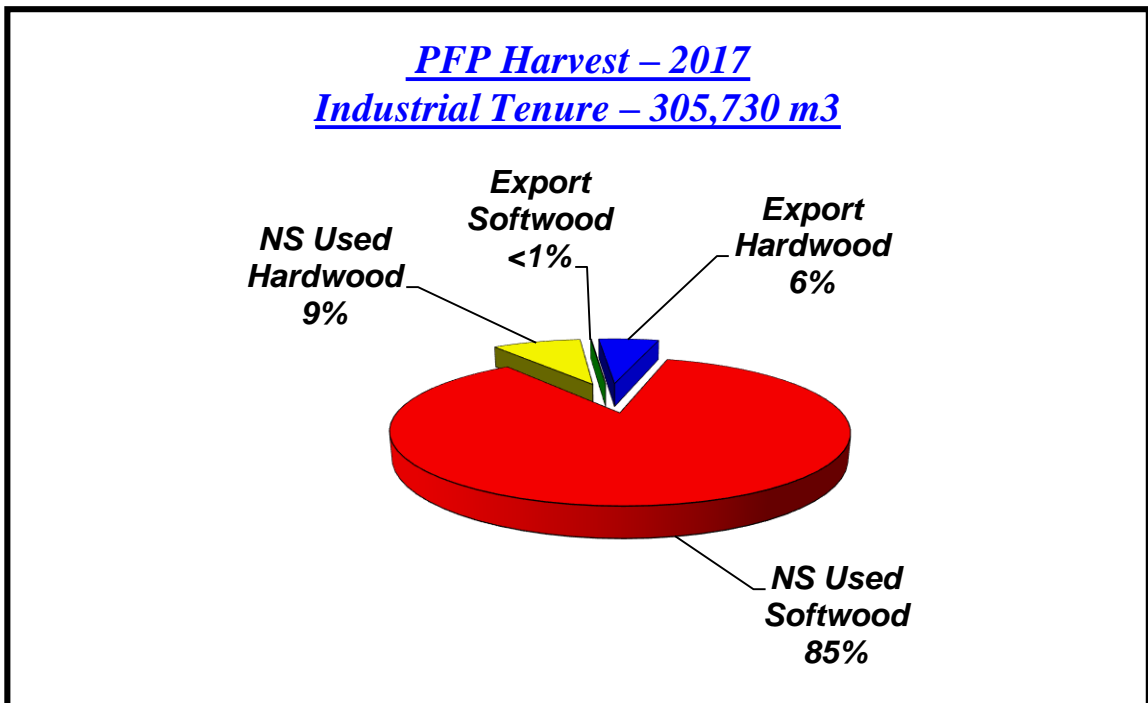


Fig.8

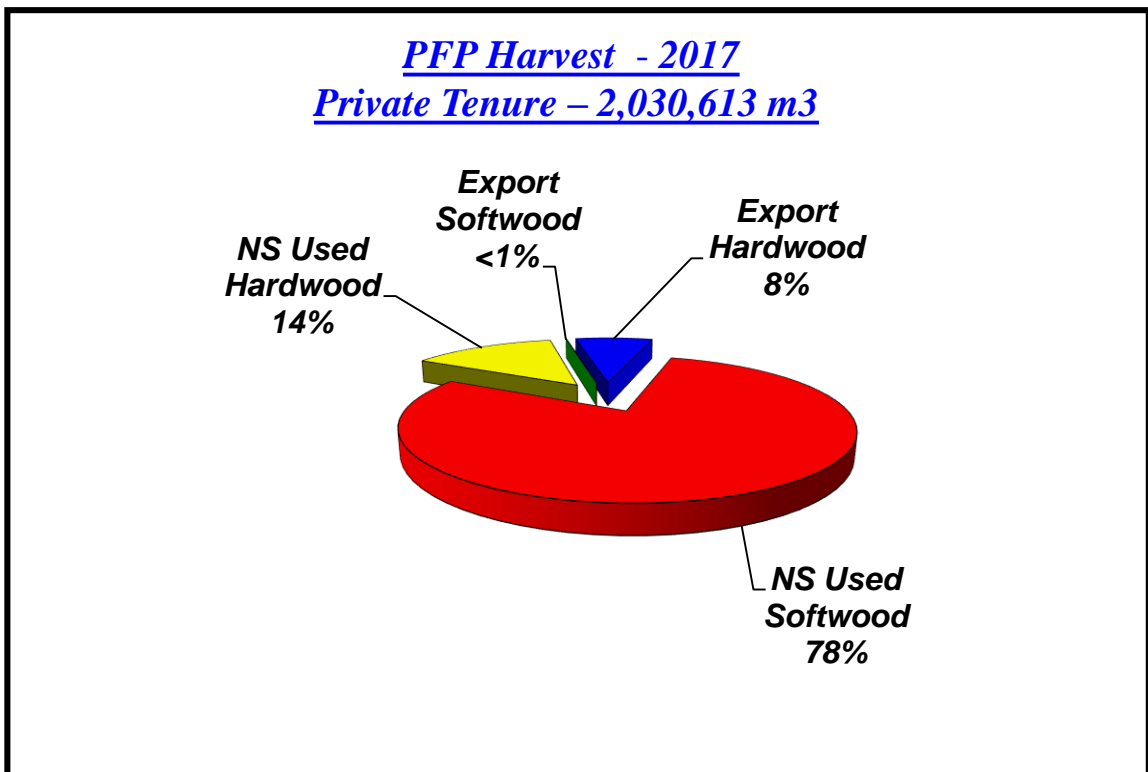


Fig.9

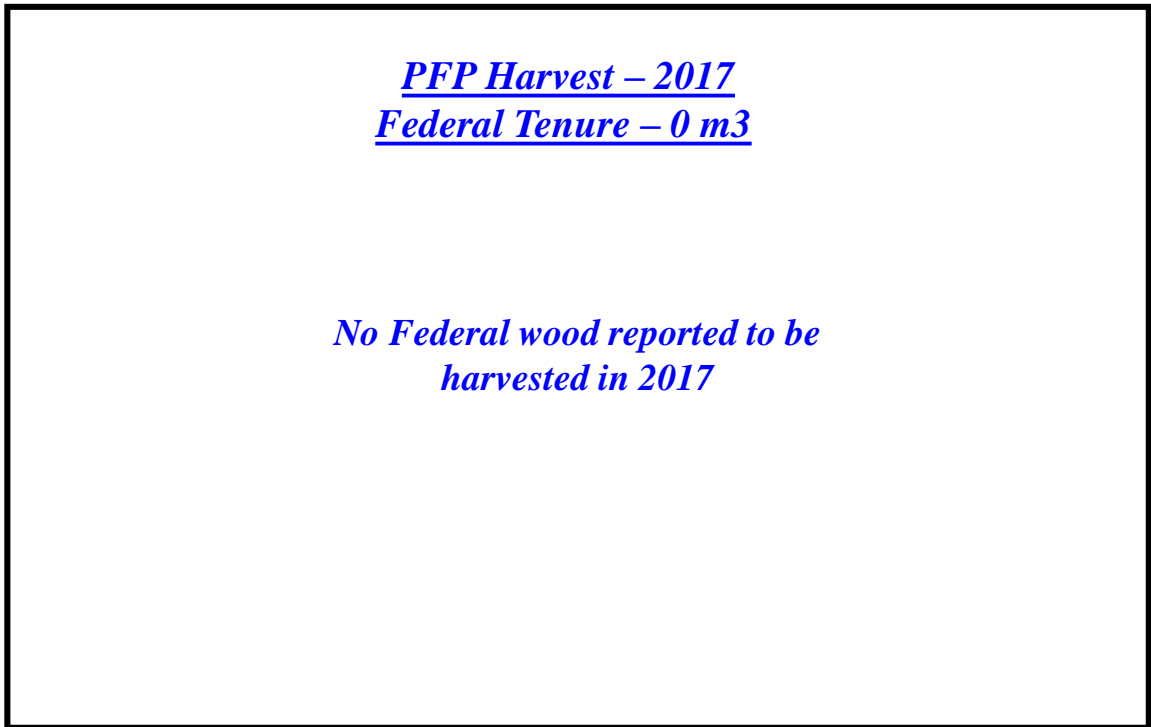


Fig.10

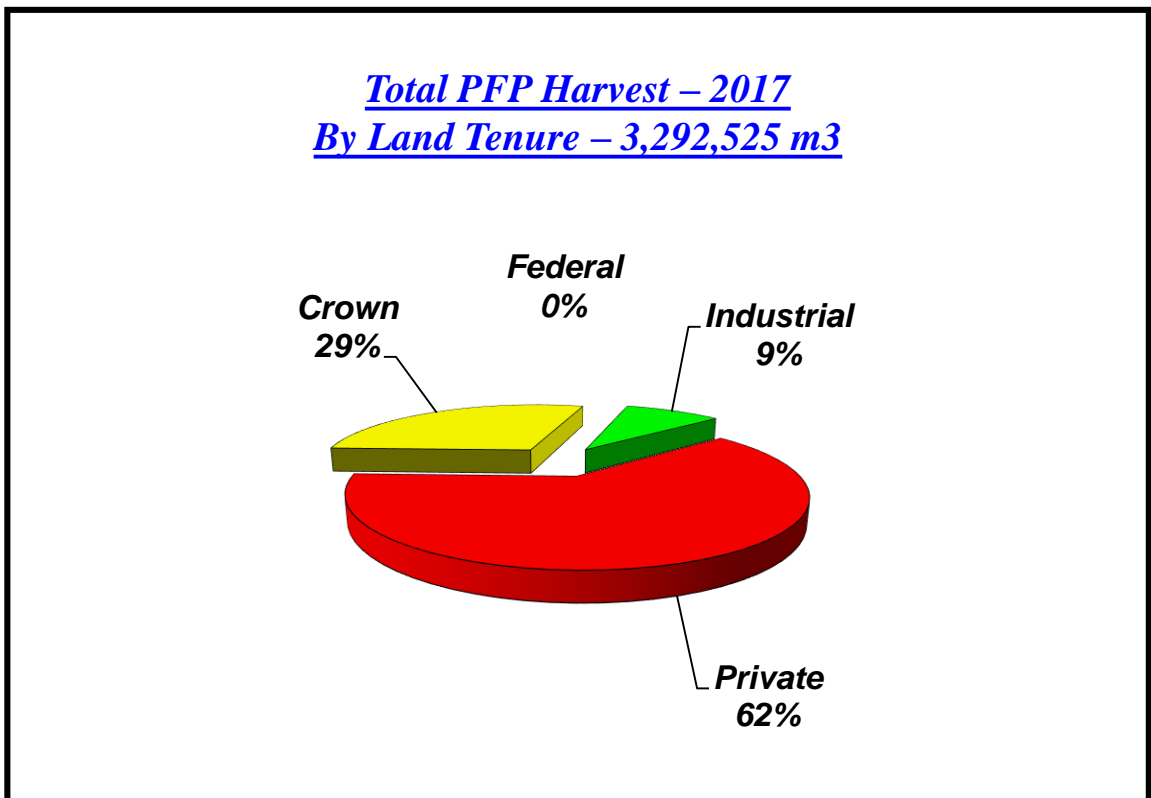


Fig.11

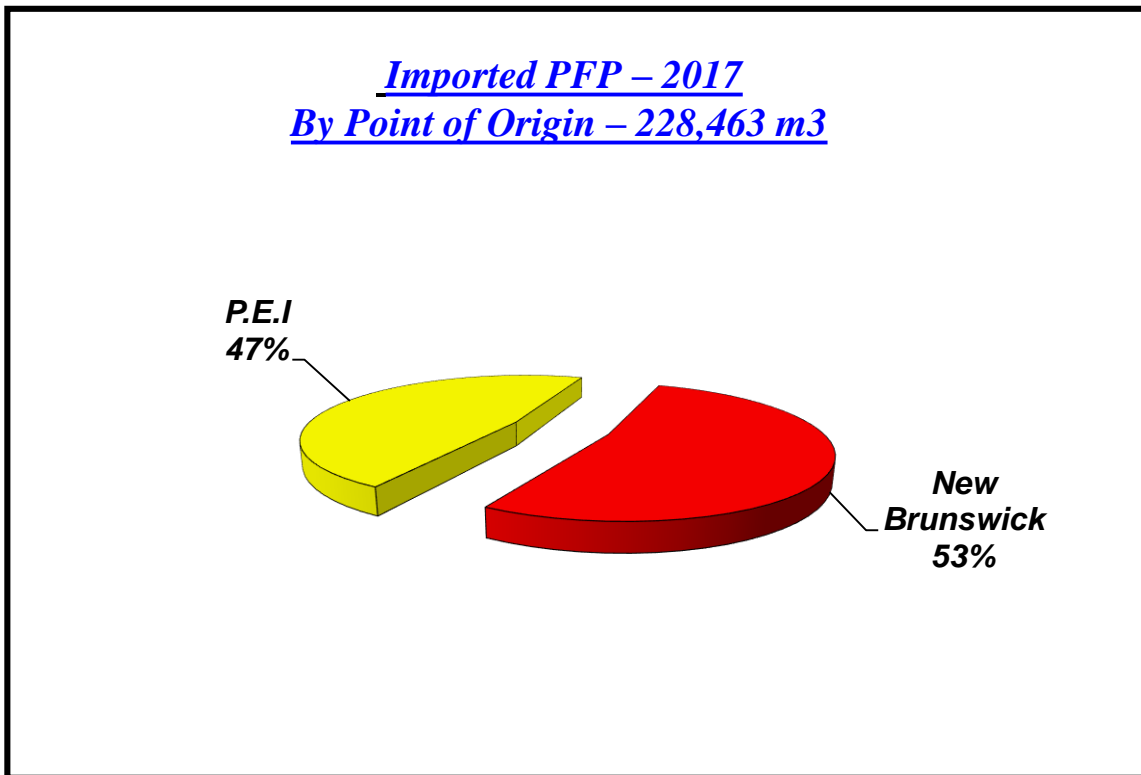


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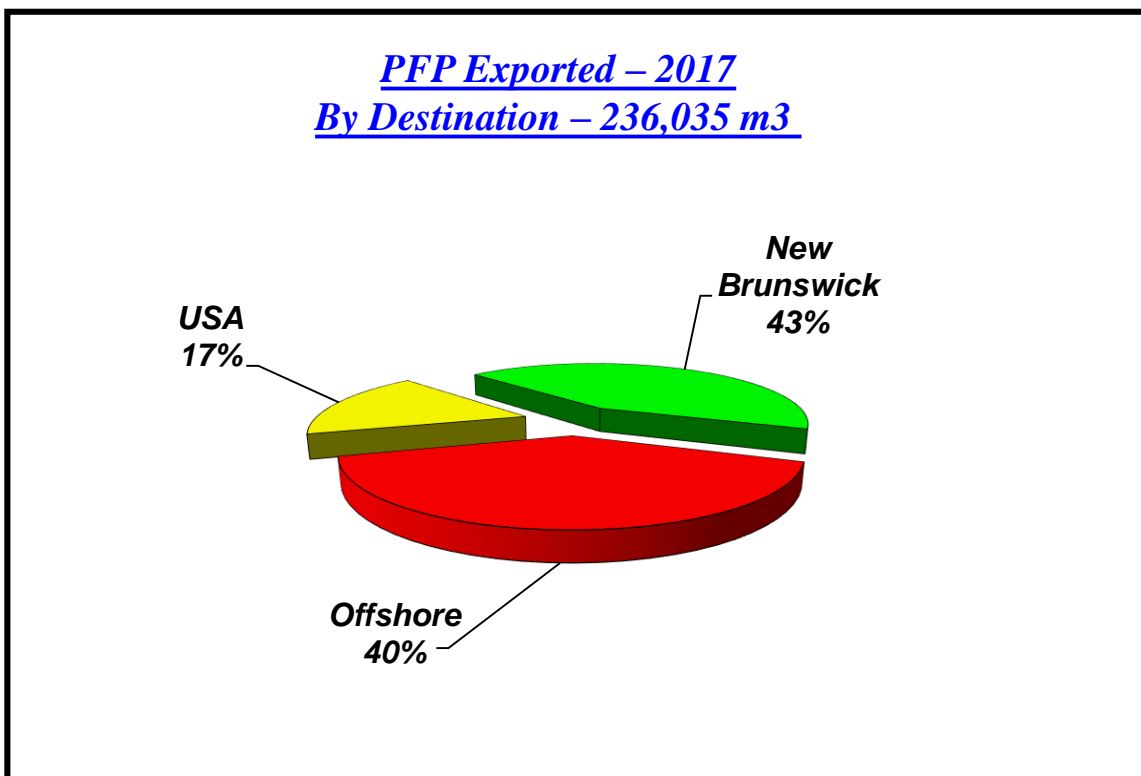


Fig.13

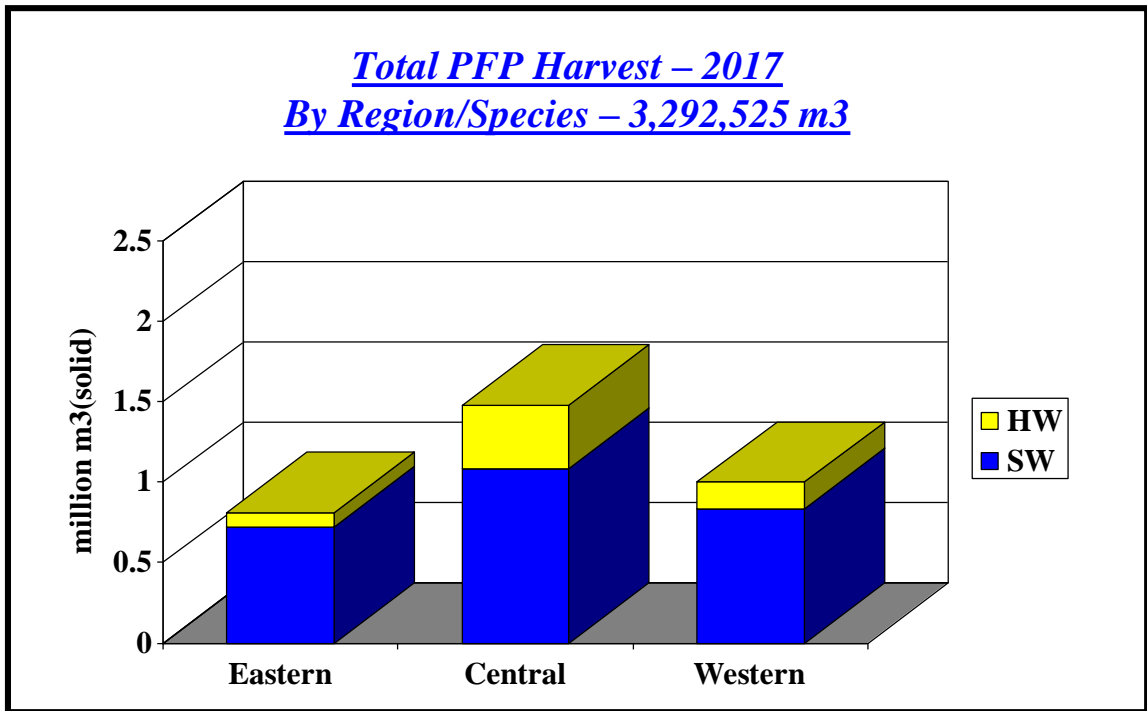


Fig.14

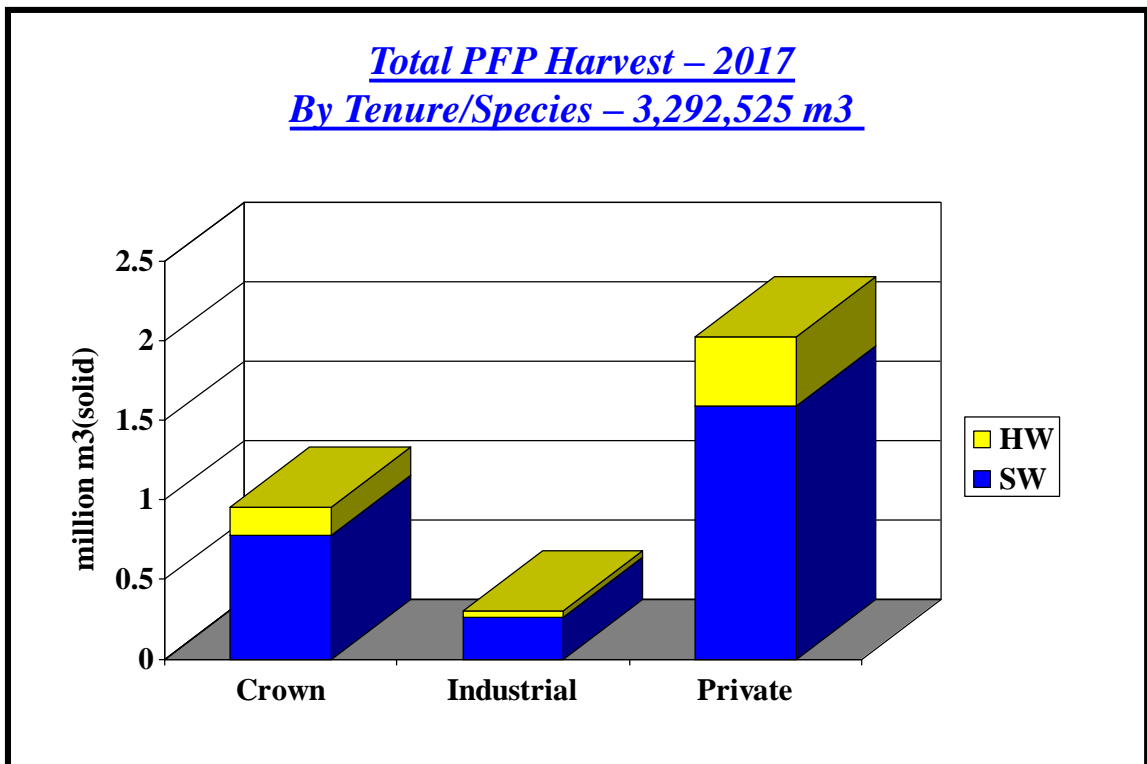


Fig. 15

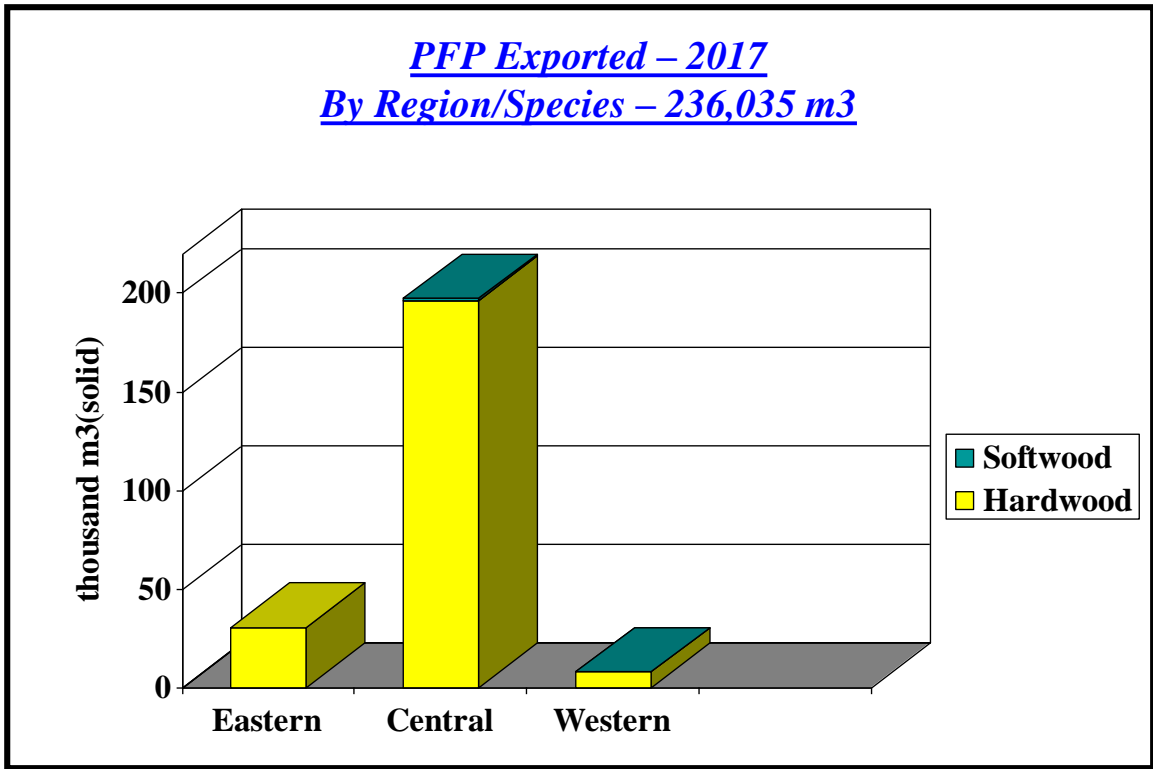


Fig.16

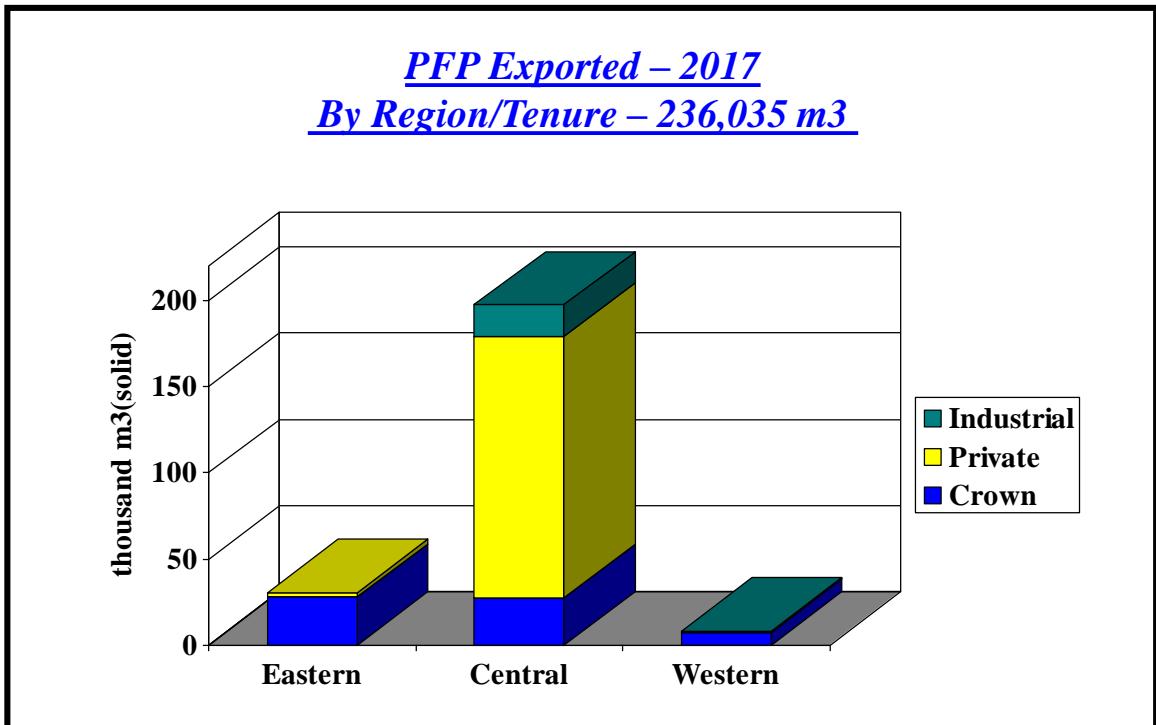


Fig.17

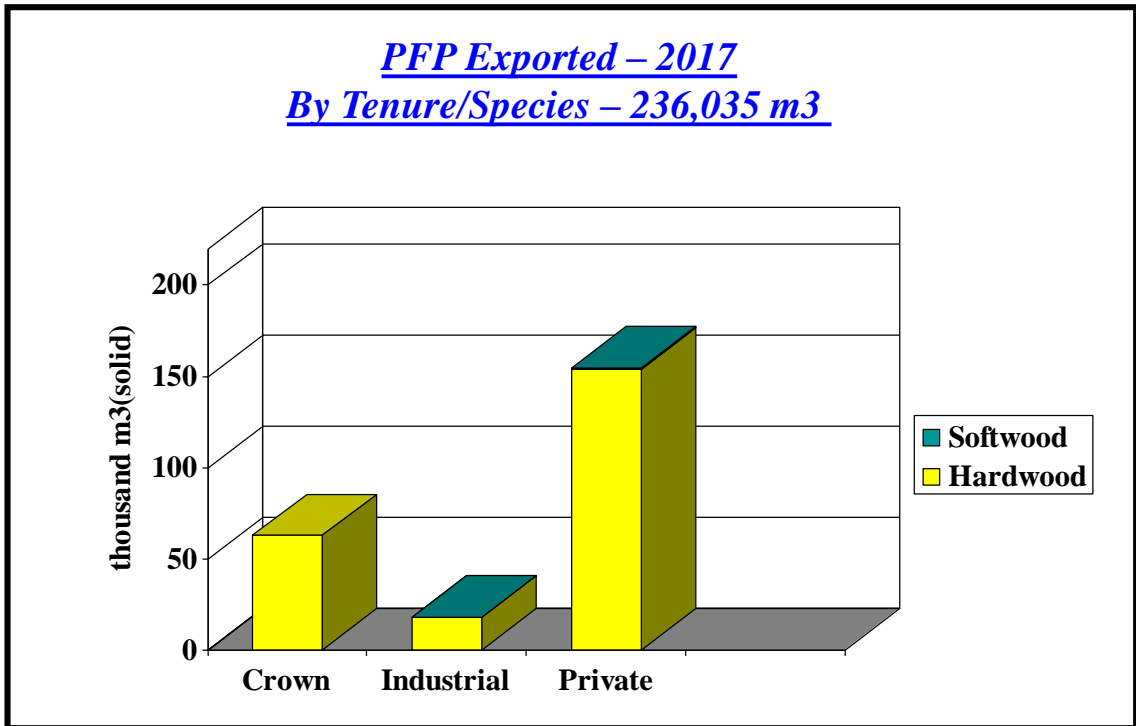


Fig.18

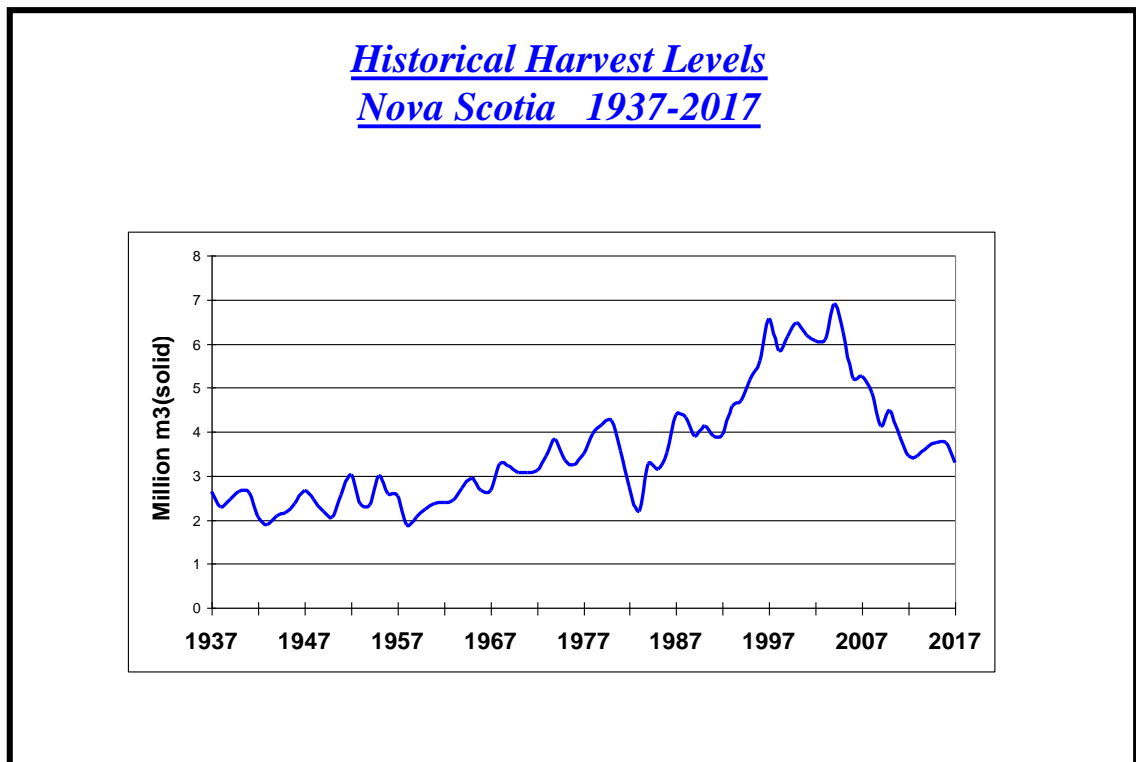


Fig.19

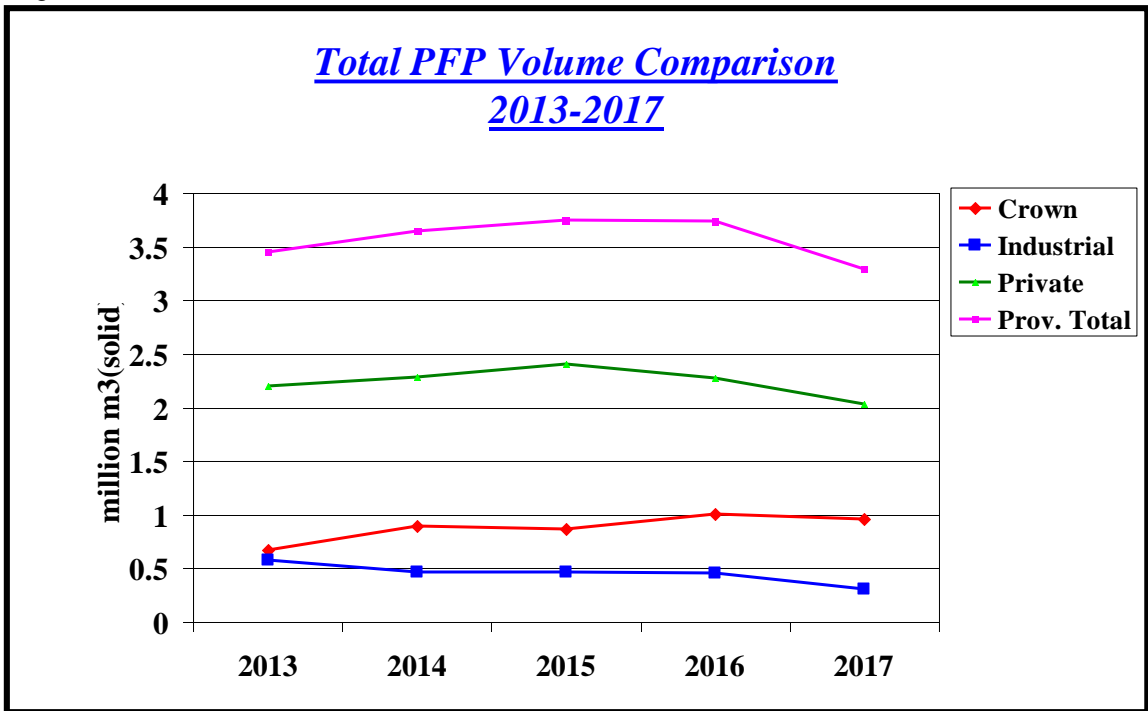


Fig.20

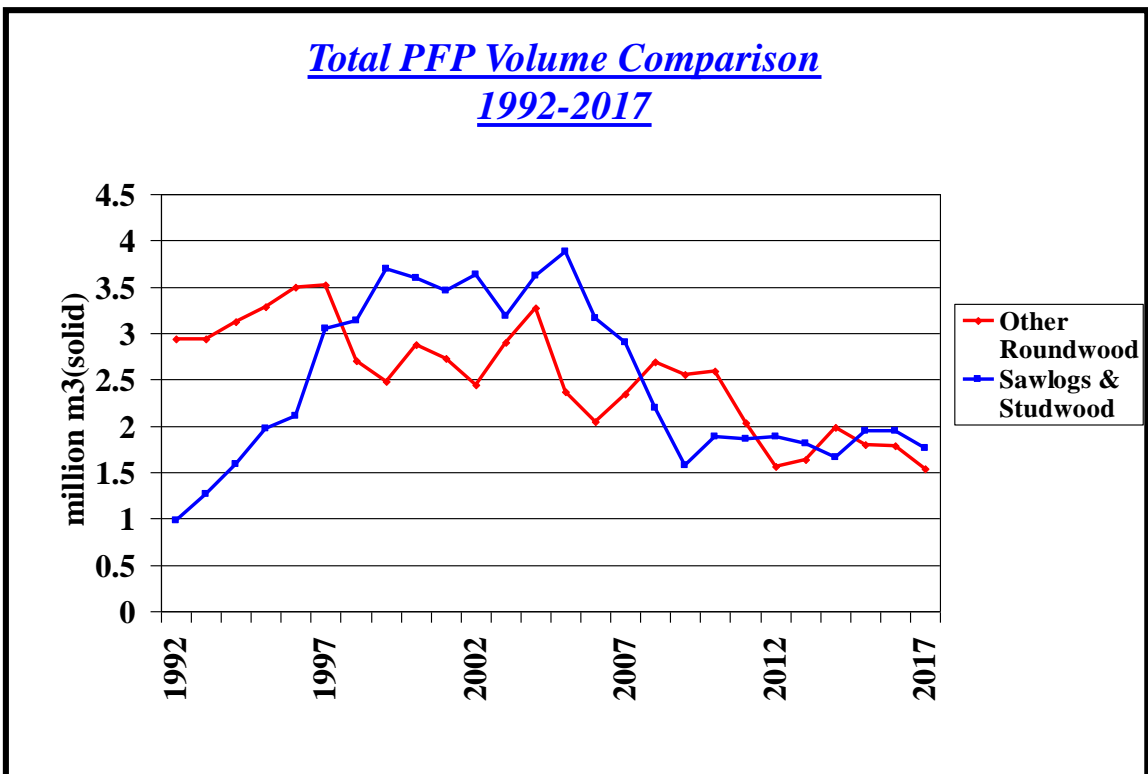


Fig.21

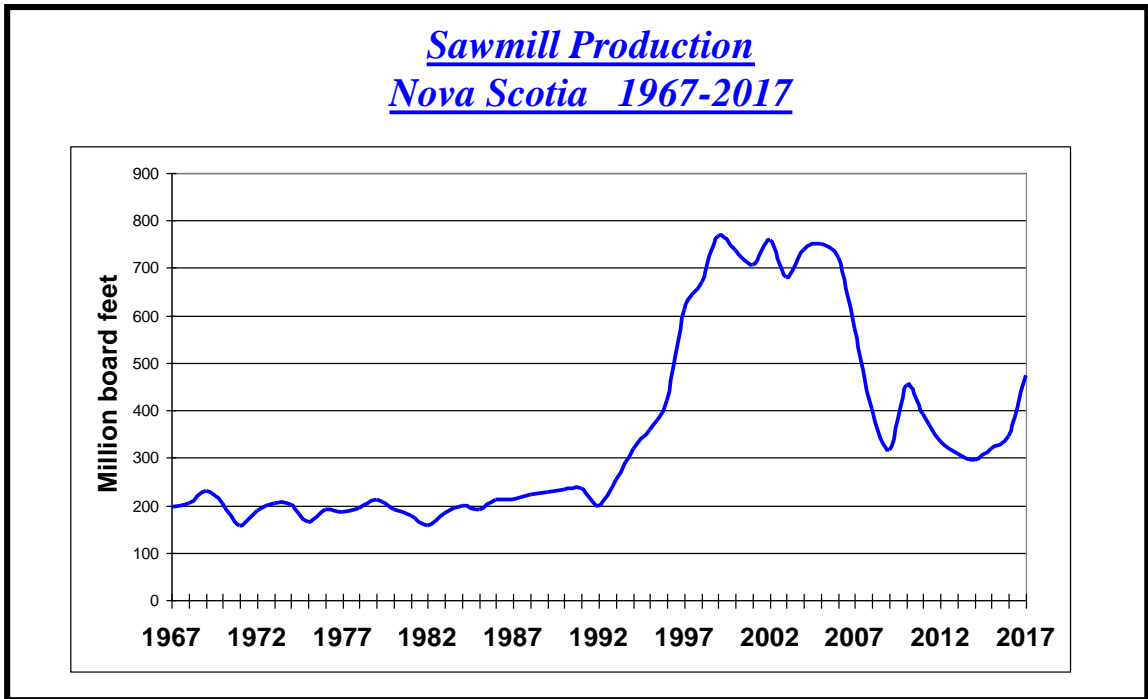
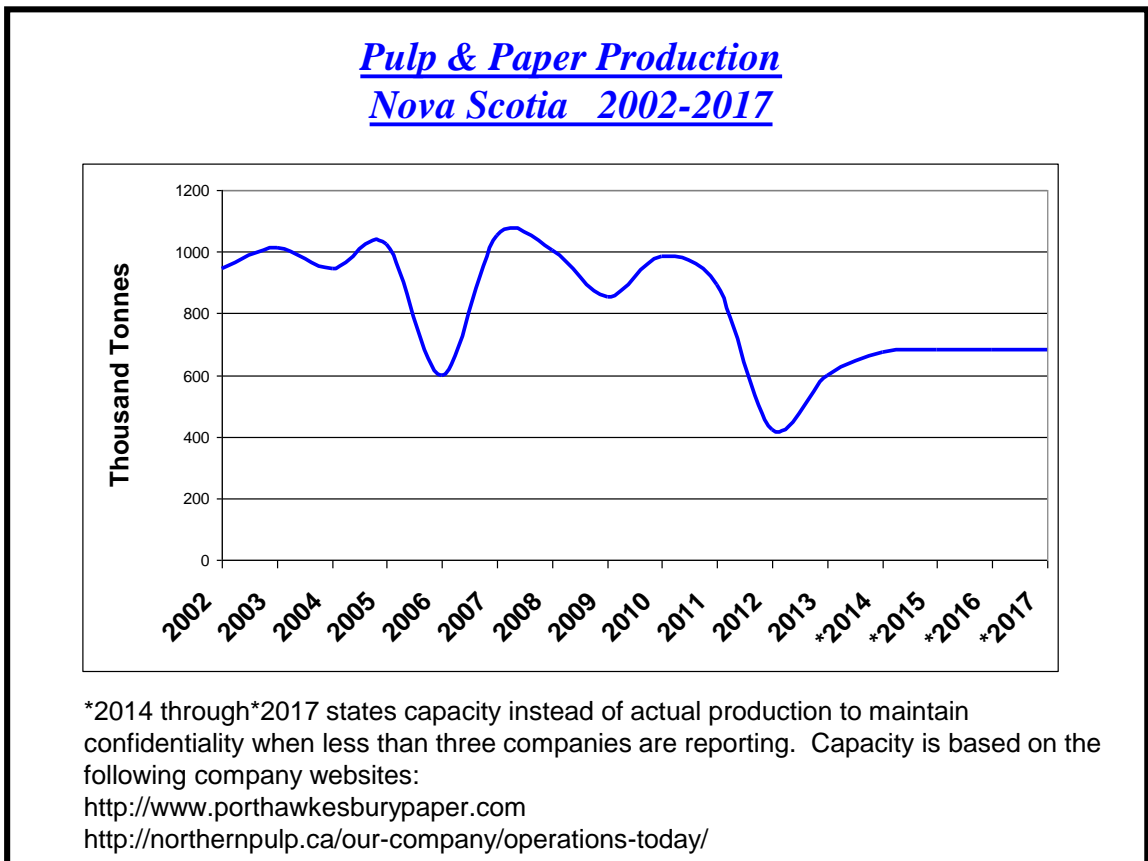


Fig.22



WOOD ACQUISITION PLAN PROGRAM SUMMARY 2017

The Wood Acquisition Plan (WAP) Program required by the Forest Sustainability Regulations, completed its 18th year of operation in 2017. All Registered Buyers who, in 2017, 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, 2018 for the volume of wood they acquired.

The volumes for 2017 that required a WAP totaled 2,252,103 cubic metres, accounting for 96 % of the private and industrial 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 5,730,410 silviculture credits were required to be submitted for the 2,252,103 cubic metres of wood Registered Buyers acquired. Table 1 also shows that the Registered Buyers submitted a total net of 6,940,238 silviculture credits.

There were 22 Registered Buyers with approved WAP's in 2017 (see Table 2). These approved WAP's resulted in 13,038 hectares of silviculture treatments being submitted.

Table 3 illustrates the summary of the 13,038 hectares of silviculture that were submitted, equating to 6,940,238 credits. With regards to silviculture credits claimed, Category 2, Plantation Establishment made up 26% of the total credits claimed. Next was Category 4, Density Control and Release in Plantations at 19%. Followed by Category 5, Density Control and Release in Natural Stands at 15% and Category 3, Early Competition Control at 8%. These four silviculture treatments made up 68% of all silviculture credits claimed for 2017.

Table 4 summarizes the silviculture credits submitted by species type and Table 5 summarizes the completed silviculture by category and tenure class.

A summary of completed silviculture area claimed in year 2017 by silviculture category, ownership and species type (see Table 6) indicates that submitted softwood and hardwood treatment area was 93% and 7% respectively.

Table 1. SUMMARY OF WOOD ACQUISITION PLAN REQUIREMENTS AND SILVICULTURE BY TENURE – 2017

Tenure	Species	Wood Acquisition (m3)	Required Silviculture Credit Value 2017	Completed Silviculture Credit Value 2017 (+ Admin)
Industrial	Softwood	261,023	783,069	2,573,631
Industrial	Hardwood	42,736	25,642	85,604
Sub Total		303,759	808,711	2,659,235
Private	Softwood	1,563,622	4,690,866	4,813,190
Private	Hardwood	384,722	230,833	238,874
Sub Total		1,948,344	4,921,699	5,052,064
TOTAL		2,252,103	5,730,410	7,711,299
Total Administrative Credits Applied				771,061
Net Completed Silviculture Credit Value				6,940,238

Fig. 1

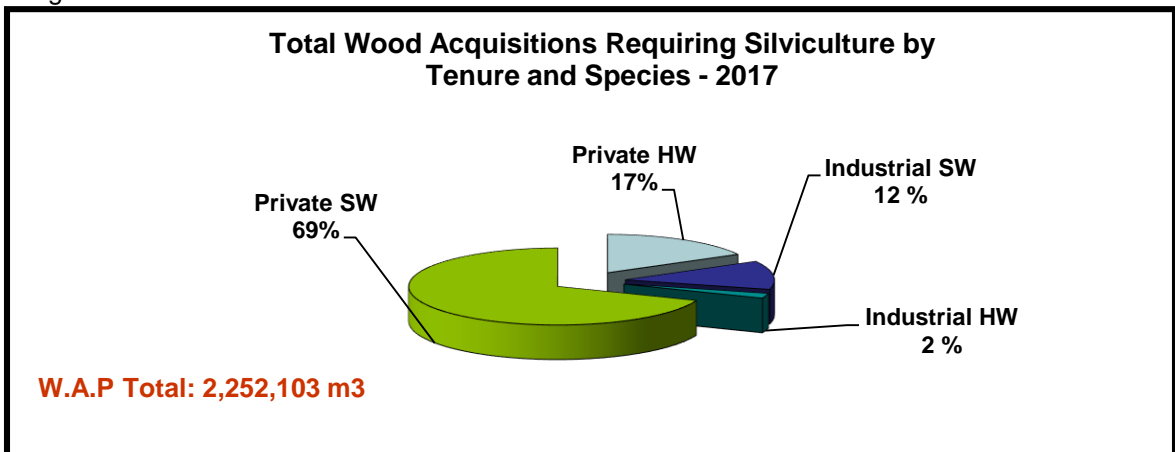


Fig. 2

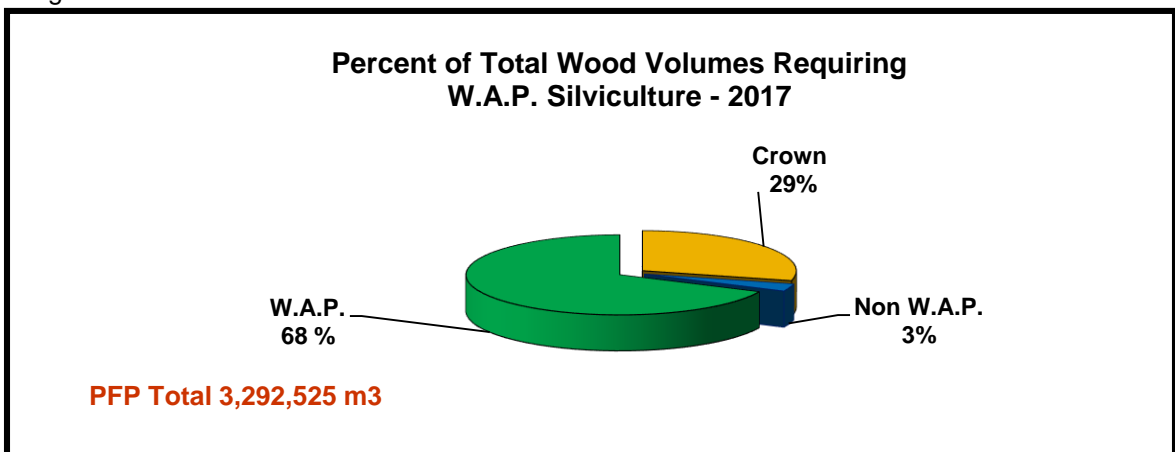


Table 2. LIST OF REGISTERED BUYERS FOR 2017 WITH APPROVED WOOD ACQUISITION PLANS

Registered Buyer	County	Business Type
A.F.T. Sawmill	Digby	Sawmill
Brooklyn Power Corporation	Queens	Energy Generation
Dave's Lumber	Pictou	Sawmill
Elmer Lohnes Lumbering Ltd	Lunenburg	Sawmill
Elmsdale Lumber Co. Ltd.	Hants	Sawmill
F.W. Taylor Lumber Ltd.	Halifax	Sawmill
Great Northern Timber International	Halifax	Wood Export
Groupe Savoie Westville Division	Pictou	Sawmill
Harry Freeman & Son Ltd.	Queens	Sawmill
Hefler Forest Products Ltd.	Halifax	Energy Generation
J.A. Turner & Sons (2012) Ltd.	Lunenburg	Sawmill
J.D. Irving Limited, Truro	Colchester	Sawmill
Ledwidge Lumber Co. Ltd.	Halifax	Sawmill
Lewis Mouldings & Wood Specialists	Digby	Sawmill
Louisiana – Pacific Canada Limited	Lunenburg	Hardboard Mill
New Arbor Products Limited	Colchester	Sawmill
Northern Pulp Nova Scotia	Pictou	Pulp/Paper Mill
Nova Scotia Power Inc.	Richmond	Energy Generation
Port Hawkesbury Paper LP	Richmond	Pulp/Paper Mill
Scotsburn Lumber	Pictou	Sawmill
Turner and Turner Lumber Limited	Lunenburg	Sawmill
Williams Brother (2013) Ltd.	Pictou	Sawmill

**TABLE 3. SUMMARY OF COMPLETED SILVICULTURE BY
CATEGORY, AREA AND CREDIT VALUE - 2017**

Category	Area (hectares) (%)	Credit Value (%)
1a. Natural Regeneration Establishment < 300/ ha	1,396 (11)	97,711 (1)
1b. Natural Regeneration Establishment >= 300/ha	158 (1)	47,463 (1)
2a. Established Plantation	3,354 (26)	2,012,580 (29)
2b. Intensive Plantation	1,624 (12)	243,678 (3)
3. Early Competition Control: Plantation & Natural	994 (8)	397,632 (6)
4. Density Control & Release; Plantations	2,482 (19)	1,985,768 (29)
5. Density Control & Release; Natural Stand	1,984 (15)	1,587,088 (23)
6. Commercially Thinned	458 (3)	251,911 (3)
7. Quality Improvement: (a) Crop Trees Released	16 (<1)	6,000 (<1)
(b) Crop Trees Pruned	16 (<1)	4,800 (<1)
(c) Selection Managed	556 (4)	305,607 (4)
TOTALS	13,038	6,940,238

Fig. 3

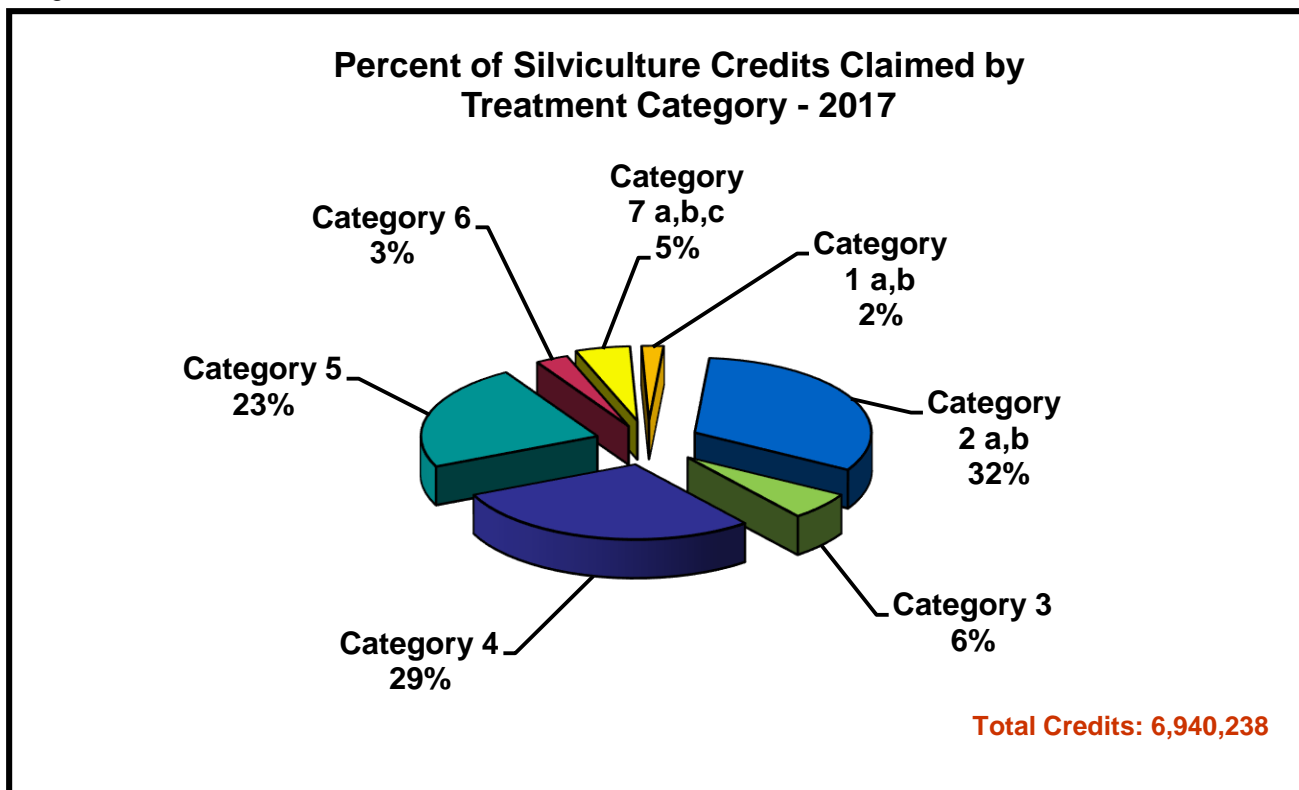


TABLE 4. SUMMARY OF COMPLETED SILVICULTURE BY SPECIES TYPE AND CREDIT VALUE - 2017

Species Type	Credit value (+ Admin)	% of Total
Softwood	7,386,821	96%
Hardwood	324,478	4%
TOTAL	7,711,299	100%

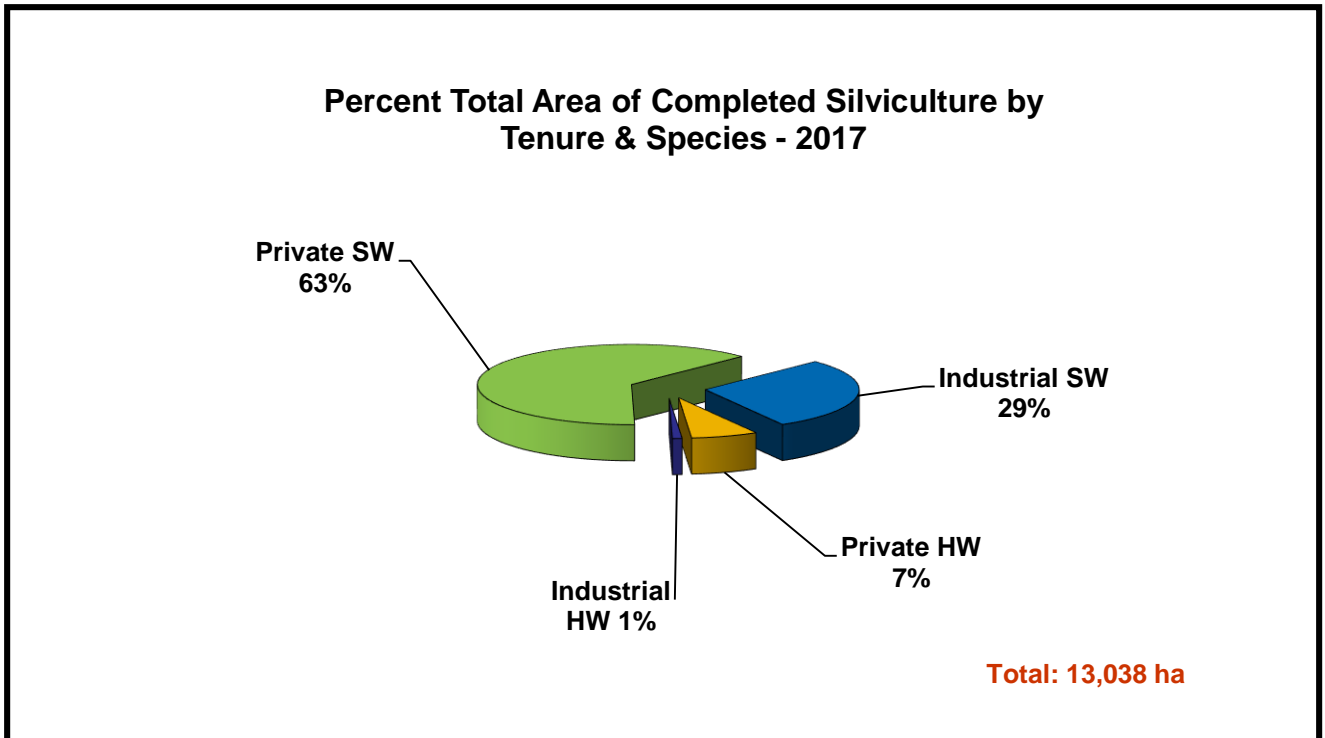
TABLE 5. SUMMARY OF COMPLETED SILVICULTURE BY CATEGORY AND TENURE CLASS - 2017

Category	Credit Value	
	Industrial	Private
1a. Natural Regeneration Establishment < 300/ ha	1,603	96,108
1b. Natural Regeneration Establishment >= 300/ ha	12,540	34,923
2a. Plantation Establishment	648,744	1,363,836
2b. Intensive Plantation	86,559	157,119
3. Early Competition Control: Plantation & Natural	108,600	289,032
4. Density Control & Release; Plantation	1,075,280	910,488
5. Density Control & Release; Natural Stands	353,144	1,233,944
6. Commercially Thinned	30,085	221,826
7. Quality Improvement: (a) Crop Trees Released	0	6,000
(b) Crop Trees Pruned	0	4,800
(c) Selection Managed	76,780	228,827
Totals	2,393,335	4,546,903
	6,940,238	

**TABLE 6. SUMMARY OF COMPLETED SILVICULTURE AREA (ha)
BY CATEGORY AND TENURE CLASS - 2017**

Category	Area Treated (ha) by Tenure /Species			
	Industrial Softwood	Private Softwood	Industrial Hardwood	Private Hardwood
1a Natural Regeneration Establishment <300/ha	23	802	0	571
1b. Natural Regeneration Establishment >=300/ha	42	116	0	0
2a. Established Plantation	1,081	2,273	0	0
2b. Intensive Plantation	577	1,047	0	0
3. Early Competition Control: Plantation & Natural	271	723	0	0
4. Density Control & Release; Plantation	1,344	1,138	0	0
5. Density Control & Release; Natural Stand	441	1,396	0	146
6. Commercially Thinned	55	395	0	9
7. Quality Improvement: (a) Crop Trees Released	0	0	0	16
(b) Crop Trees Pruned	0	0	0	16
(c) Selection Managed	0	339	140	77
TOTAL AREA BY TENURE/SPECIES	3,834	8,229	140	835
TOTAL AREA BY SPECIES	12,063		975	
TOTAL AREA	13,038			

Fig. 4



Appendix I

Primary Forest Product Definitions for use by Registered Buyers

Energy Chips	Wood chips intended to be used in a facility designed to produce energy and includes wood destined for cogeneration facilities.
Energy wood	Roundwood intended to be used in a facility designed to produce energy and includes wood destined for cogeneration facilities.
Export OSB Wood	Roundwood intended for the manufacture of oriented strand board and exported out of the province.
Export Pulpwood	Any wood intended to be either ground or chemically broken down to a pulp to be used in products such as paper, packaging, hardboard, etc. and exported out of the province.
Export Sawlogs	Any log intended to be sawn to produce lumber, but does not include studwood or lathe wood and exported out of the province.
Export Studwood	Any log between 8 and 10 feet lengths plus trim intended to be sawn into lumber used for vertical support in the wall of buildings and exported out of the province.
Export Veneer	Logs intended for peeling or slicing to produce thin slices of wood and exported out of the province.
Firewood	Any wood intended for residential heating purposes.
Fuel Chips	Wood chips intended for the use of generating heat for buildings other than residential housing, or for the production of other heating products such as wood pellets, bricks etc.
Fuel Wood	Any roundwood intended for the use of generating heat for buildings other than residential housing, or for the production of other heating products such as wood pellets, bricks etc.
House Logs	Logs intended for the construction of log homes and buildings.

In Woods Pulp Chips	Chips produced at in woods operations that are intended to be either ground or chemically broken down to a pulp to be used in products such as paper, packaging, hardboard, etc. In woods pulp chips do not include saw mill chips which are produced at sawmill facilities.
Lathwood	Any log intended to be sawn into thin, narrow strips of wood referred to as laths.
Poles	Any logs intended to be used as utility poles or other purposes where the log is used in round form and not sawn, but does not include house logs.
Posts/Rails	Roundwood intended for the manufacture of post and rails for fencing, landscape or other such uses.
Pulpwood	Any wood intended to be either ground or chemically broken down to a pulp to be used in products such as paper, packaging, hardboard, etc.
Sawlogs	Any log intended to be sawn to produce lumber, but does not include studwood or lath wood.
Studwood	Any log between 8 and 10 feet lengths plus trim intended to be sawn into lumber used for vertical support in the wall of buildings.
Veneer Logs	Logs intended for peeling or slicing to produce thin slices of wood.

Appendix II

Secondary Forest Product Definitions

For use by Registered Buyers

Bark	The outmost layer of trees commonly removed before processing sawlogs or pulpwood.
Bark Mulch	Bark that has been processed and commonly used for landscaping or gardening purposes.
Barrel Staves & Headings	Any components produced for the manufacture of wooden barrels.
Baskets	A container made from wooden strips or other wooden materials used to hold or carry things.
Cutting Boards	A flat wooden item used to protect a countertop or table while cutting food or materials.
Energy Chips	Wood chips intended to be used in a facility designed to produce energy and includes wood destined for cogeneration facilities.
Export Pulp Chips	Wood chips that are intended to be either ground or chemically broken down to a pulp to be used in products such as paper, packaging, hardboard, rayon etc. and exported out of the province.
Fence Posts	The wooden part of a fence set in the ground as a supporting part of a fence.
Fence Rails	The wooden part of a fence that is connected horizontally between the fence posts.
Firewood	Any wood intended for residential heating purposes.
Flooring	Any wooden material sawn or processed and intended for surface covering of a floor.
Fruit Boxes	A container made from wooden strips or other wooden materials used to hold various fruits and berries.
Fuel Chips	Wood chips intended for the use of generating heat for buildings other than residential housing, or for the production of other heating products such as wood pellets, bricks etc.

Fuel Pellets	Small, rounded, compressed material made from wood and bark and intended for heat or energy production.
Hardboard	A construction board made by compressing wood pulp with a binder at a high temperature.
Hogfuel	Hog fuel is an unrefined mix of coarse chips of bark and wood fiber. Hog fuel is any type of wood byproduct or waste that can be burned for fuel but can't be categorized as chips, shavings, bark, or sawdust.
House Logs	Logs intended for the construction of log homes or other structures.
Landscape Ties	Timbers sawn and intended for landscaping purposes.
Laths	Thin, narrow strips of wood sawn from logs.
Lumber	Wood processed by sawing into boards, planks, beams, timbers, etc.
Mine Packs	Timbers used for mining applications such as mine roof supports or cribwork.
Mouldings	Strips of wood with various profiles used as trim, casings, or decorative purposes.
Paper	Material formed into thin sheets from wood fibre and used for writing, printing, or wrapping.
Poles and Pilings	Logs intended to be driven or inserted into the ground for structural support or for suspending utilities such as wires, cables, lights, etc.
Pulp Quality Chips	Chips produced that are intended to be either ground or chemically broken down to a pulp to be used in products such as paper, packaging, hardboard, rayon, etc.
Railway ties	Timbers used in the construction of railways.
Sawdust	Small wood particles produced by sawing logs or wood.
Shavings	The thin slices of wood usually produced by a planer when dressing lumber.
Shingles	Thin tapered pieces of wood used to cover roofs and walls of buildings.
Slabwood	The outside piece cut from a log when squaring it for lumber.
Wood Pulp	Wood fibre reduced chemically or mechanically to a pulp and used in the manufacture of paper, tissue, packaging, etc.