



# **2009 CALENDAR YEAR**

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

Nova Scotia Natural Resources

July 14, 2010

Report FOR 2010 -4

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# NOVA SCOTIA REGISTRY OF BUYERS SUMMARY - 2009

The total provincial harvest for 2009 reported was 4 127 091 cubic meters of solid wood. Of this amount, 85% or 3 514 007 cubic meters were softwood species. The total volume of wood acquired for export reported was 299 855 cubic meters, or 7% of the total harvest. The total volume of wood imported for use in Nova Scotia reported was 98 337 cubic meters.

The provincial harvest for 2009 shows a decrease of 15% compared to the 2008 harvest of 4 884 023 cubic meters.

Statistical returns were received from 235 Registered Buyers. Data was estimated for 6 non-compliant buyers, for a total of 241 Registered Buyers. Of the 241 buyers, 158 were reported to be active in the 2009 calendar year.

If you have any questions or comments about this report, contact the Registry of Buyers at (902) 893-6270

# SUMMARY OF BUSINESSES BY PRIMARY BUSINESS TYPE NOVA SCOTIA – 2009

Business Type	2008	% of total harvest	2009	% of total harvest
Firewood Sales	17	0.4%	14	0.4%
Other	12	4.8%	12	2.4%
Pulp/Paper Mill	3	34.7%	3	41.0%
Sawmill	203	51.8%	185	51.3%
Wood Export	34	8.3%	27	4.9%
Total No. of Buyers	269	100.0%	241	100.0%

PROVINCIAL HARVEST BY PRIMARY FOREST PRODUCT AND SPECIES TYPE 2009						
Product	Percent of Total Harvest	Hardwood m3 solid	Softwood m3 solid	Total m3 solid		
Firewood/Fuelwood	1%	41 656	6 435	48 091		
House Logs	<1%	0	171	171		
Poles	0%	0	0	0		
Posts/Rails	<1%	0	1 712	1 712		
Pulpwood	61%	491 841	2 012 323	2 504 164		
Studwood/Sawlogs	38%	77 818	1 492 866	1 570 684		
Veneer Logs <1% 1 769 500 2 269						
Totals	100%	613 084	3 514 007	4 127 091		

PRIMARY FOREST PRODUCT EXPORTS BY PRODUCT AND SPECIES TYPE 2009					
Product	Percent of	Hardwood	Softwood	Total	
	Total Export	m3 solid	m3 solid	m3 solid	
Pulpwood	69%	193 163	14 160	207 323	
Studwood/Sawlogs	31%	107	92 025	92 132	
Veneer Logs	<1%	400	0	400	
Totals	100%	193 670	106 185	299 855	

#### Note:

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

In 2004 Natural Resources Canada conducted a survey and reported the quantity of wood used as a household energy source. The Natural Resources Canada report, entitled "Survey Of Household Energy Use – 2003", indicates that as much as 450 000 cubic meters of wood may be used as a household energy source on an annual basis in Nova Scotia.

### TOTAL PROVINCIAL HARVEST – 2009 ALL LAND TENURES BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent	Species	Provincial	Export	Total
	of Harvest	Туре	m3 solid	m3 solid	m3 solid
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ine cond	
Annapolis	6%	S	197 621	2 299	199 920
		н	41 656	5 083	46 739
Antigonish	2%	S	69 296	0	69 296
		н	11 829	2 604	14 433
Cape Breton	3%	S	101 025	0	101 025
		н	3 604	4	3 608
Colchester	12%	S	421 158	3 416	424 574
		н	51 219	32 121	83 340
Cumberland	12%	S	305 728	94 423	400 151
		н	71 735	26 465	98 200
Digby	2%	S	78 841	638	79 479
		н	2 080	0	2 080
Guysborough	6%	S	233 549	206	233 755
		н	7 880	16 734	24 614
Hants	9%	S	271 960	0	271 960
		н	47 893	34 528	82 421
Halifax	17%	S	623 223	328	623 551
		н	59 551	33 667	93 218
Inverness	4%	S	162 149	0	162 149
		н	5 438	131	5 569
Kings	3%	S	91 424	113	91 537
		н	28 478	730	29 208
Lunenburg	5%	S	181 534	292	181 826
		н	22 206	1 880	24 086
Pictou	7%	S	199 836	1 485	201 321
		н	38 021	31 291	69 312
Queens	6%	S	203 904	2 985	206 889
		н	19 900	5 803	25 703
Richmond	2%	S	70 227	0	70 227
		н	739	0	739
Shelburne	1%	S	41 036	0	41 036
		н	5 630	2 627	8 257
Victoria	3%	S	130 029	0	130 029
		н	1 238	2	1 240
Yarmouth	1%	S	25 282	0	25 282
		н	317	0	317
Total	100%	S	3 407 822	106 185	3 514 007
		Н	419 414	193 670	613 084
Grand Total			3 827 236	299 855	4 127 091

## TOTAL PROVINCIAL HARVEST – 2009 CROWN OWNERS BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent	Species	Provincial	Export	Total
County	Of harvest	Туре	m3 solid	m3 solid	m3 solid
	Of harvest	i ype			ino sona
Annapolis	1%	S	2 479	0	2 479
		н	2 610	0	2 610
Antigonish	2%	S	13 868	0	13 868
		Н	131	1	132
Cape Breton	6%	S	41 978	0	41 978
		Н	179	1	180
Colchester	4%	S	19 749	0	19 749
		Н	3 616	0	3 616
Cumberland	4 %	S	17 032	3 398	20 430
		Н	2 345	0	2 345
Digby	<1%	S	877	0	877
		Н	0	0	0
Guysborough	17%	S	111 921	0	111 921
		Н	1 206	8	1 214
Hants	6%	S	30 643	0	30 643
		Н	5 936	0	5 936
Halifax	16%	S	86 190	0	86 190
		н	3 696	18 763	22 459
Inverness	14%	S	89 306	0	89 306
		н	2 235	0	2 235
Kings	<1%	S	636	0	636
		н	1 050	0	1 050
Lunenburg	1%	S	4 330	0	4 330
		н	662	0	662
Pictou	3%	S	13 328	0	13 328
		н	4 616	4 632	9 248
Queens	2%	S	13 151	0	13 151
		н	224	0	224
Richmond	6%	S	42 049	0	42 049
		н	0	0	0
Shelburne	3%	S	12 006	0	12 006
		H	4 238	2 627	6 865
Victoria	15%	S	102 065	0	102 065
		Н	0	0	0
Yarmouth	0%	S	0	0	0
		Н	0	0	0
Total	100%	S	601 608	3 398	605 006
		Н	32 744	26 032	58 776
Grand Total			634 352	29 430	663 782

## TOTAL PROVINCIAL HARVEST – 2009 INDUSTRIAL OWNERS BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent	Species	Provincial	Export	Total
	of Harvest	Туре	m3 solid	m3 solid	m3 solid
Annapolis	21%	S	121 010	2 299	123 309
		н	29 732	5 081	34 813
Antigonish	<1%	S	448	0	448
		Н	0	0	0
Cape Breton	<1%	S	389	0	389
Oslahastan	00/	Н	0	0	0
Colchester	3%	S	9 556	282	9 838
Cumberland	29%	H S	2 103 139 923	10 529 34 148	12 632 174 071
Cumbenanu	2970	H H	37 547	6 141	43 688
Digby	<1%	S	53	638	691
Digby		н	0	0	0
Guysborough	<1%	S	986	155	1 141
, ,		н	0	0	0
Hants	6%	s	33 940	0	33 940
		н	885	9 630	10 515
Halifax	9%	S	58 403	328	58 731
		н	1 851	10 540	12 391
Inverness	<1%	S	2 504	0	2 504
		н	0	0	0
Kings	1%	S	4 233	113	4 346
		Н	4 923	2	4 925
Lunenburg	6%	S	36 032	292	36 324
	00/	Н	2 560	1 869	4 429
Pictou	2%	S	1 586	0	1 586
Queens	21%	H S	1 517 134 830	9 817 2 985	11 334 137 815
Queens	21%	H N	15 406	2 985 5 803	21 209
Richmond	1%	S	5 943	0 3 803	5 943
Richmond	170	н	42	0	42
Shelburne	1%	s	8 978	0	8 978
		H	458	0	458
Victoria	<1%	s	552	0	552
		н	0	0	0
Yarmouth	<1%	S	12	0	12
		н	0	0	0
Total	100%	S	559 378	41 240	600 618
		Н	97 024	59 412	156 436
Grand Total			656 402	100 652	757 054

## TOTAL PROVINCIAL HARVEST – 2009 PRIVATE OWNERS BY COUNTY OF ORIGIN, SPECIES AND USE

County	Percent	Species	Provincial	Export	Total
county	of Harvest	Туре	m3 solid	m3 solid	m3 solid
Annonalia	3%	S	74 132	0	74 132
Annapolis	3%	5 Н	9 314	2	9 316
Antigonish	2%	н S	54 980	2	54 980
Anugonish	270	S H	11 698	2 603	14 301
Cape Breton	2%	н S	58 369	2 603	58 369
Cape Dieton	2 /0	S H	3 425	3	3 428
Colchester	17%	S	3 425	3 3 134	394 987
Colchester	1770	ы Н	45 500	21 592	67 092
Cumberland	10%	S	148 773	56 877	205 650
Gumbenand	1070	H	31 843	20 324	52 167
Digby	3%	S	77 911	20 324	77 911
Digby	570	ы Н	2 080	0	2 080
Guysborough	5%	S	120 642	51	120 693
Cuysbolough	070	н Н	6 674	16 726	23 400
Hants	10%	S	207 377	0	207 377
Tanto	1070	н Н	41 072	24 898	65 970
Halifax	20%	S	478 630	0	478 630
Tamax	2070	н Н	54 004	4 363	58 368
Inverness	3%	S	70 339	0	70 339
	0,0	H	3 203	131	3 334
Kings	4%	S	86 555	0	86 555
		H	22 505	728	23 233
Lunenburg	6%	S	141 172	0	141 172
5 5 5		Н	18 984	11	18 995
Pictou	9%	S	184 922	1 485	186 407
		Н	31 888	16 842	48 730
Queens	2%	S	55 923	0	55 923
		Н	4 270	0	4 270
Richmond	1%	S	22 235	0	22 235
		Н	697	0	697
Shelburne	1%	S	20 052	0	20 052
		Н	934	0	934
Victoria	1%	S	27 412	0	27 412
		Н	1 238	2	1 240
Yarmouth	1%	S	25 270	0	25 270
		н	317	0	317
Total	100%	S	2 246 547	61 547	2 308 094
		н	289 646	108 226	397 872
Grand Total			2 536 193	169 773	2 705 966

### TOTAL PROVINCIAL HARVEST – 2009 FEDERAL OWNERS BY COUNTY OF ORIGIN, SPECIES AND USE

			]		
County	Percent Of Herviset	Species	Provincial	Export m3 solid	Total m3 solid
	Of Harvest	Туре	m3 solid	ms solia	
Annapolis	0%	S	0	0	0
		н	0	0	0
Antigonish	0%	S	0	0	0
		н	0	0	0
Cape Breton	100%	S	289	0	289
		н	0	0	0
Colchester	0%	S	0	0	0
		н	0	0	0
Cumberland	0%	S	0	0	0
		Н	0	0	0
Digby	0%	S	0	0	0
	201	Н	0	0	0
Guysborough	0%	S	0	0	0
	201	Н	0	0	0
Hants	0%	S	0	0	0
	00/	Н	0	0	0
Halifax	0%	S	0	0	0
	00/	Н	0	0	0
Inverness	0%	S	0	0	0
Kin an	00/	н	0	0	0
Kings	0%	S	0	0	0
Lupophurg	0%	H S	0 0	0 0	0 0
Lunenburg	0%	н Н	0	0	0
Pictou	0%	S	0	0	0
FICIOU	0 /0	н н	0	0	0
Queens	0%	S	0	0	0
Queens	078	н	0	0	0
Richmond	0%	S	0	0	0
Rionnona	070	н	0	0	0
Shelburne	0%	S	0	0	0
••••••	• • •	H	0	0	0
Victoria	0%	S	0	0	0
		H H	0	0	0
Yarmouth	0%	S	0	0	0
		н	0	0	0
Total	100%	S	289	0	289
		Н	0	0	0
Grand Total			289	0	289

Sawmills by Acquisition Class – 2009 Note : Acquisition Classes are in m3 solid based on wood of Nova Scotia Origin

NAME	LOCATION	<u>COUNTY</u>
Acquiring over 200 000 per year		
BMPC Oakhill Sawmill Harry Freeman & Son Ltd. J.D. Irving – Truro Lumber Ledwidge Lumber Co. Ltd.	Oakhill Road Greenfield Valley Enfield	Lunenburg Queens Colchester Halifax
Acquiring 70 001 to 200 000 per year		
Elmsdale Lumber Co. Ltd. Enligna Canada Inc. Evergreen Forest Products Ltd. F.W. Taylor Lumber Ltd.	Elmsdale Upper Musquodoboit Glenholme Middle Musquodoboit	Halifax Halifax Colchester Halifax
Acquiring 10 001 to 70 000 per year		
A.F.T. Sawmill Ltd. Elmer Lohnes Lumbering Ltd. Groupe Savoie Hefler Forest Products Ltd. J.A. Turner & Sons (1987) Ltd. Lewis Mouldings & Wood Specialties Ligni Bel Trijec Lumber Ltd. Turner and Turner Lumber Ltd. Williams Brothers (1986) Ltd.	Meteghan River Wileville Westville Lower Sackville Cookville Weymouth Scotsburn Tatamagouche Bridgewater Barney's River	Digby Lunenburg Pictou Halifax Lunenburg Digby Pictou Colchester Lunenburg Pictou
Acquiring 3 001 to 10 000 per year		

B.A. Fraser Lumber Ltd. Dave's Lumber Ltd.

Margaree Valley West River

Inverness Pictou

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

#### <u>NAME</u>

#### **LOCATION**

#### <u>COUNTY</u>

#### Acquiring 3001 to 10 000 per year

Hurlburt Lumber Ltd. M.R. MacDonald Holdings Ltd. Maurice Bruhm Ltd. New Arbor Products Ltd. N.F. Douglas Lumber Ltd.

#### Acquiring 1001 to 3 000 per year

Baddeck Valley Wood Producers E & M Burgess Enterprises Ltd. Hugh MacInnis Lumber Ltd. L.E. Elliott Lumber Ltd. Logs to Lumber Company Ltd. Marshall Lumber North Range Forest Products S.G. Levy & Sons Ltd. Thomas Scott Lumber Ltd.

#### Acquiring 1 to 1 000 per year

A.G. Spears Sawmill Andrew Brenton Aubrev Conrad Barrett Lumber Barry George Barss Corner Lumber Beaver Brook Lumber Bill Johns Brad Lilly Bras d'Or Mobile Milling Company Ltd. Brian M. Uhlman Silviculture Ltd. Brown's Portable Sawmill C. James Nickerson Causeway Wood Products Cecil MacLennan Charlie Jodrey Chuck Grady Clyde River Lumber Ltd. Cogmagun Sawmilling Conway Workshop Association D & E Sawmill Doug's Portable Custom Sawing

West River Mahone Bay Truro Caledonia

South Ohio

Baddeck Newport Station Frenchvale New Ross Blockhouse Barton Barton Wolfville Barrington

Shelburne Stewiacke Branch LaHave Beaver Bank Christmas Island New Germany Beaver Brook Digby Lawrencetown Black Rock South Brookfield Caribou River Clyde River Barrington Passage Benacadie West Westphal Mulgrave Clyde River Centre Burlington Diaby South Ohio Debert

Yarmouth Pictou Lunenburg Colchester Queens

Victoria Hants Cape Breton Lunenburg Lunenburg Digby Digby Kings Shelburne

Shelburne Colchester Lunenburg Halifax Cape Breton Lunenburg Colchester Digby Annapolis Victoria Queens Colchester Shelburne Shelburne Cape Breton Halifax Guysborough Shelburne Hants Diaby Yarmouth Colchester

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

#### <u>NAME</u>

#### **LOCATION**

#### COUNTY

### Acquiring 1 to 1 000 per year Douglas and Charles Moore Lumber Edward Atwood Edward Quinlan

Edward Quinlan Edwin Blaikie Lumber F. Archibald & Sons Far East Enterprises Felix Comeau Fisherman's Choice Trap Builders Fleur De Lis Sawmill Forsyth & Forsyth Lumbering Frank and Jack Penny Fred Collicut Garnett Davison Gary LeBlanc Logging & Lumber Gordon Bezanson Greenwood Meadows Ltd. Harold Fox Hillside Lumber J.A. Kaulback James Johnson Jeffrey Robar John and Everett Rand John Ford John MacLean Johnny Davis Joseph Breen Karl Dueck Larch Wood Enterprises Laurent Thibodeau & Son Lawrence Rudolph Leslie Harlow Lester D. Collicut Forest Products (95) M.C. Morrison Lumber MacKay Lake s Logging MacLean's Sawmill Mark Riplev Meander Wood Services

Upper North Sydney Barrington Clark's Harbor Upper Stewiacke New Glasgow Antigonish Little Brook River John L'Ardoise Coldbrook Springfield Chester Newport Church Point Moser River Baddeck Vallev South Side Boularderie Italy Cross Truro Chelsea Canning Caledonia Little Narrows Shelburne Afton Upper Kennetcook Margaree Saulinerville Little Liscomb South Brookfield Chester Margaree Valley Shelburne Antigonish Oxford Junction Newport

Cape Breton Shelburne Shelburne Colchester Pictou Antigonish Digby Pictou Richmond Kings Annapolis Lunenburg Hants Digby Guysborough Victoria Colchester Cape Breton Lunenburg Colchester Lunenburg Kings Queens Victoria Shelburne Antigonish Hants Inverness Digby Guysborough Queens Lunenburg Inverness Shelburne Antigonish Cumberland Hants

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

#### <u>NAME</u>

#### LOCATION

#### COUNTY

#### Acquiring 1 to 1 000 per year

Merrill Sarty Michael and Henry Silver Michael Joudrey Middle River Contracting Ltd. Neil MacKeigan Lumber Company Ltd. Nolan Mullen Norman Gaudet Firewood & Lumber Northfire Farms Parsons Lumber Company Payson Dobson Lumber Ltd. Peter Lawrence Pick Family Hobby Farm R.D. Risser Milling Razor's Edge Richard Neily Rivers Bend Wood Products Robert Lees Robert Todd Ron Levy Shawn Eldridge Shelburne Barrel Factory Sherbrooke Village Sawmill Simeon Comeau Sydney Forks Sawmill Theodore Bruhm **Timothy Barteaux** W.R. Chisholm & Sons Trucking Ltd. Wayne B. Milett Lumber Wayne Comeau Webster Farms Ltd. Wes Metner

Conquerall Mills North Brookfield River John Westville Albert Bridge Weymouth Weymouth Bridgewater Queensland Westchester Brooklyn Newport Middle Musquodoboit Middleton Falmouth St. Andrews Westville Laconia Windsor Falmouth Shelburne Sherbrooke Church Point Sydney West Northfield Annapolis Royal Scotsburn Chester Basin Saulinerville Cambridge Station Wentworth

Lunenburg Queens Pictou Pictou Cape Breton Digby Digby Lunenburg Halifax Cumberland Queens Hants Halifax Annapolis Hants Antigonish Pictou Lunenburg Hants Hants Shelburne Guysborough Digby Cape Breton Lunenburg Annapolis Pictou Lunenburg Digby Kings Cumberland

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

#### NAME

#### **LOCATION**

#### <u>COUNTY</u>

#### Acquiring None

Alfred Tompkins **Big Wheel Lumber Company** C.E. Harrison & Sons Carl Archibald Central Cape Breton Forestry Serv. Clement Comeau Comeau Lumber D. Robinson Lumber Dale Page Daniel J. LeBlanc Danny Gaudet Davidson Port-A-Mill Dawson Baker Douglas Taylor **Enviro Custom Sawing** Frank Hirtle Fraser Hebb Sr. Fred Roch Free Spirit Farm George Stevens Gerry Falconer Grand Elm Farm Grant MacIntosh Gray Mountain Forest Products Handy Mans Lumber Hazeldale Milling & Trucking Ltd. High-Grade Lumber Ltd. Hoeg Bros. Lumber James Laffin John A. Graham **KAPP Lumber Mill & Production** Keith Adams Lauchie Grant Leopold's Contracting Little Inlet Lumber

Margaree Forks Mount Uniacke Parrsboro Middle Musquodoboit Benacadie Saulnierville Meteghan Aylesford Mount Uniacke Church Point Church Point Wolfville Chester Shubenacadie Glen Haven Bridgewater Windsor Middleton Tatamagouche Bickerton West Scotsburn Newport Guysborough Falmouth Shelburne Little Narrows Truro Southhampton Windsor Lower Economy Little Liscomb Southampton Mulgrave Falmouth Bridgewater

Inverness Hants Cumberland Halifax Cape Breton Digby Digby Kings Hants Digby Digby Kings Lunenburg Halifax Halifax Lunenburg Hants Annapolis Colchester Guysborough Pictou Hants Guysborough Hants Shelburne Victoria Colchester Cumberland Hants Colchester Guysborough Cumberland Guysborough Hants Lunenburg

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

#### NAME

#### **LOCATION**

COUNTY

#### Acquiring None

MacDonald's Sawmill Matthew Sears Mill-Em We Will-Em Custom Sawing Murray Reeves Forestry Neil Oickle Owen Roscoe Parkwood Land Management Ltd. Paul Roach R.W. Hayman Logging Raymond Campbell Robert Elliot Roger Carrigan Roy Newcombe Russell Melanson Russell White Lumber Ltd. Sable Lumber Company Scotia Pallets Ltd. Steve Boyle Portable Sawmill Sunrise Wood Workers Taggart Quality Hardwood Tom Fuller Custom Sawing Tom Robicheau William Page Woodland Resources

Sherbrooke Thorburn Bridgewater New Ross Barrs Corner Jordan Falls Hopewell Middleton Tatamagouche Wentworth Upper Rawdon Cregnish Coldbrook Barton Kennetcook Bridgewater Goshen Afton Mabou Debert Carleton Meteghan Kennetcook Wolfville

Guysborough Pictou Lunenburg Lunenburg Lunenburg Shelburne Pictou Annapolis Colchester Cumberland Hants Inverness Kings Digby Hants Lunenburg Guysborough Antigonish Inverness Colchester Yarmouth Digby Hants Kings

#### Wood Export Businesses – 2009

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

NAME	LOCATION	COUNTY
Acquiring over 5 000 per year		
Athol Forestry Cooperative Bowater Mersey Paper Co. Great Northern Timber International	Amherst Liverpool Halifax	Cumberland Queens Halifax

#### Acquiring 1 to 5 000 per year

H.C. Haynes Hunter Gordon New Wave Forestry North Nova Forest Owners Co-Op River Philip Contracting Ltd. Verso Paper Clifton Oxford Thorburn Wentworth Oxford Jay Colchester Cumberland Pictou Cumberland Cumberland Maine, USA

#### Acquiring none

AV/ Neekowiek	Nackowia	New Brunswick
AV Nackawick	Nackawic	
Bob O'Leary	Truro	Colchester
C.F. Robinson Trucking Ltd.	Shubenacadie	Colchester
Century Forestry Consultants Ltd.	Pictou	Pictou
Charles Perry Forestry Services Ltd.	Parrsboro	Cumberland
G.E. Collins & Sons Ltd.	Amherst	Cumberland
Great Northern Timber Inc.	Halifax	Halifax
Kevin Langille Logging & Contracting	Scotsburn	Pictou
Little River Farms	Oxford	Cumberland
Melvin Langille	Tatamagouche	Colchester
Milltown Forestry Services Ltd.	Old Barns	Colcheater
Red Point Export Ltd.	Jamesville	Victoria
Riverside Forestry Limited	Hammonds Plains	Halifax
The North East Timber Trading Company	Antigonish	Antigonish
Timberland Management Ltd.	Digby	Digby
Timberland Resources & Trucking	Digby	Digby
Wagner Forest N.S. Ltd.	Truro	Colchester

#### Firewood Sales Businesses – 2009

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

#### NAME

#### LOCATION

#### COUNTY

#### Acquiring over 1 000 per year

Conform Ltd.
E.B. Corkum Farm & Forest Ltd.
Good Wood Fuel
Wayne Rowter
Wilfred H. Kinsman Forest Products

Middle Musquodoboit Port Williams Bedford Caledonia Cambridge Station Halifax Kings Halifax Queens Kings

#### Acquiring 1 to 1 000 per year

Brazil Lake Enterprises Future Forestry Service Co-Op Geoffrey Pearse J.W. Tanner Logging Ltd. Kim Construction LaForet Acadienne Limitee South Ohio New Glasgow Middleton Bass River Pugwash Church Point Yarmouth Pictou Annapolis Colchester Cumberland Digby

#### Acquiring none

Anselm LeBlanc Daniels Forestry Products John Baird Weymouth Milford Oxford Digby Halifax Cumberland

Note: Acquisition Classes are in ma		<u> </u>
NAME	LOCATION	<u>COUNTY</u>
Acquiring over 1 per year		
North-Lumber-Land Resources Ltd. Verboom Grinders Ltd.	Truro Truro	Colchester Colchester

Log Homes Businesses – 2009 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.	Magaretsville	Annapolis
Acquiring none		
Chedabucto Log Home Construction Kenomee Log Homes	Boylston Economy	Guysborough Colchester

#### Poles/Post Plant Businesses – 2009

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

#### NAME

#### LOCATION

#### **County**

Hants

#### Acquiring over 1 per year

Corkum's Forest Products Russell Bros. Logging

#### Acquiring none

Berichon Fence Co. Stella Jones Inc. Falmouth Upper Stewiacke

Berichon Truro Pictou Colchester

Colchester

### Pulp/Paper Mill Businesses – 2009

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

#### <u>NAME</u>

#### LOCATION

#### COUNTY

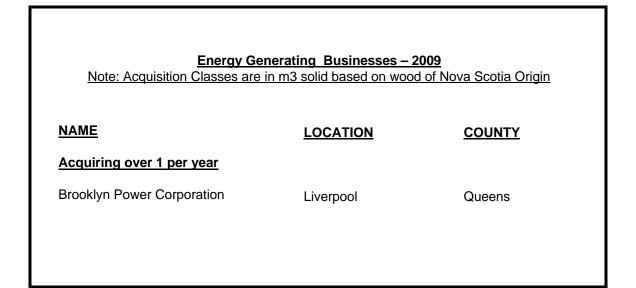
#### Acquiring over 50 000 per year

Bowater Mersey Paper Company NewPage Port Hawkesbury Corp. Northern Pulp Nova Scotia Corporation Liverpool Port Hawkesbury New Glasgow Queens Richmond Pictou

#### Hardboard Mill Businesses – 2009

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

NAME	Location	<u>County</u>
Acquiring over 1 per year		
Louisiana – Pacific Canada Ltd.	Chester	Lunenburg



#### Pellet Plants Businesses – 2009

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

Ν	Α	Μ	Ε

LOCATION

COUNTY

#### Acquiring over 1 per year

Shaw Resources

Shubenacadie

Hants

Nova Scotia Sawmills by Production Class - 2009							
Production Class (fbm)	Number of Sawmills	Production (fbm)	Percent of Total Production	Average Production per Mill (fbm)			
1 - 500,000	98	9,500,799	3%	96,946			
500,001 -1,000,000	4	3,166,933	1%	791,733			
1,000,001 – 5,000,000	11	25,335,465	8%	2,303,224			
5,000,001 – 10,000,000	2	19,001,599	6%	9,500,799			
over 10,000,000	5	259,653,246	82%	51,930,649			
Total	120	316,658,042	100%				

\*65 Nova Scotia Sawmills had no production in 2009

# Secondary Forest Products - 2009

Product	<u>Unit</u>	<u>Softwood</u>	<u>Hardwood</u>	<u>Total</u>
Bark Mulch	tonnes	4,918	12	4,930
Firewood/Slabwood	Cords	3,851	14,347	18,198
Fuel Chips/Energy Chips/Pellets	tonnes	89,410	10,371	99,781
Hardboard	Sq. ft.	n/a	n/a	n/a
Hog Fuel	tonnes	256,960	64,630	321,590
House Logs	fbm	30,196	0	30,196
Sawn Products	fbm	300,965,670	15,692,372	316,658,042
Pulp/Paper	tonnes	848,977	4,723	853,700
Poles/Posts	tonnes	3,893	0	3,893
Shavings	tonnes	22,841	0	22,841
Sawdust	tonnes	66,086	294	66,380
Sawmill Pulp Chips	tonnes	684,856	15,636	700,492

# Number of Registered Buyers by Type and County - 2009

County	Saw- mill	Pulp Mill	Wood Export	Hardboard Mill	Firewood	Posts & Poles	Energy Gen.	Fuel Chips	Log Homes	Pellet Plant	Total
Annapolis	6	-	-	-	1	-	-	-	1	-	8
Antigonish	5	-	1	-	-	-	-	-	-	-	6
Cape Breton	8	-	-	-	-	-	-	-	-	-	8
Colchester	17	-	7	-	1	2	-	2	1	-	30
Cumberland	6	-	7	-	2	-	-	-	-	-	15
Digby	19	-	2	-	2	-	-	-	-	-	23
Guysborough	11	-	-	-	-	-	-	-	1	-	12
Hants	20	-	-	-	-	1	-	-	-	1	22
Halifax	11	-	3	-	3	-	-	-	-	-	17
Inverness	6	-	-	-	-	-	-	-	-	-	6
Kings	8	-	-	-	2	-	-	-	-	-	10
Lunenburg	23	-	-	1	-	-	-	-	-	-	24
Pictou	14	1	3	-	1	1	-	-	-	-	20
Queens	7	1	1	-	1	-	1	-	-	-	11
Richmond	1	1	-	-	-	-	-	-	-	-	2
Shelburne	14	-	-	-	-	-	-	-	-	-	14
Victoria	6	-	1	-	-	-	-	-	-	-	7
Yarmouth	3	-	-	-	1	-	-	-	-	-	4
Out of Prov.	-	-	2	-	-	-	-	-	-	-	2
Total	185	3	27	1	14	4	1	2	3	1	241



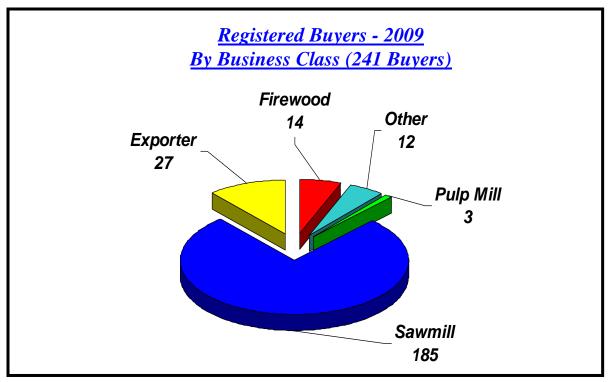
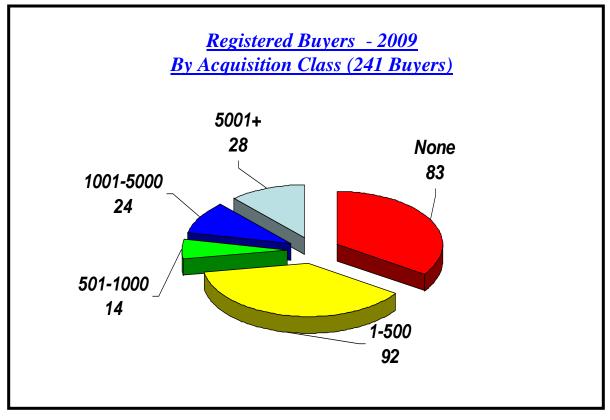
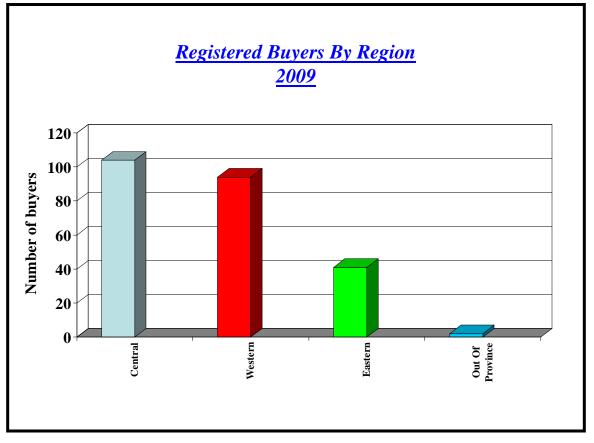
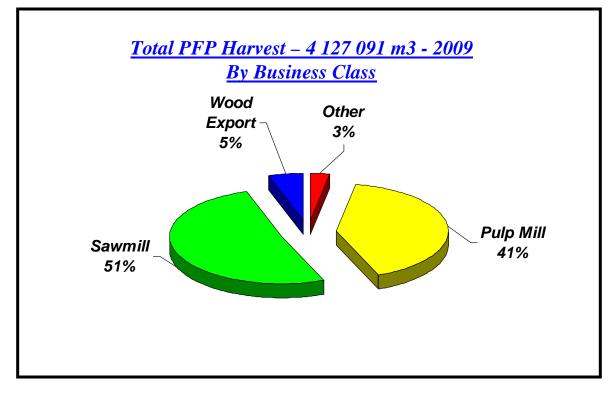
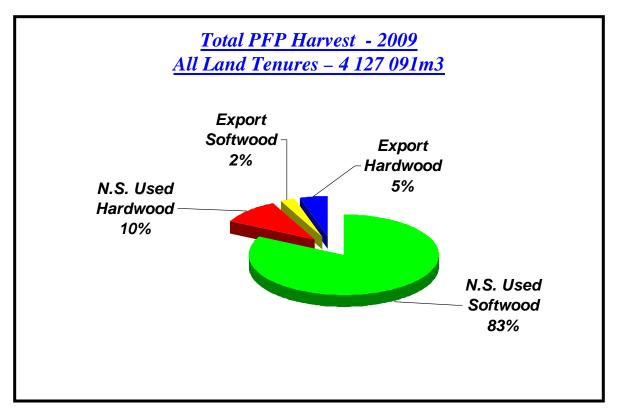


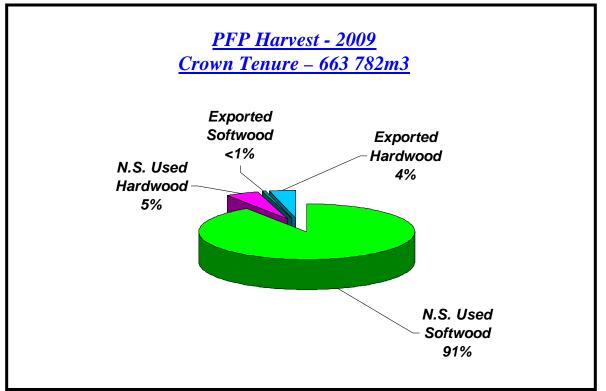
Fig.2

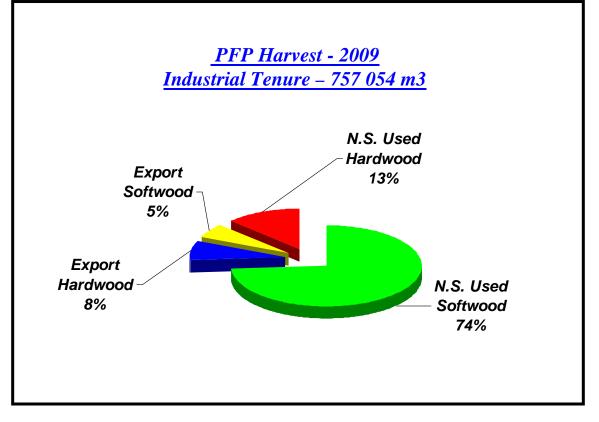


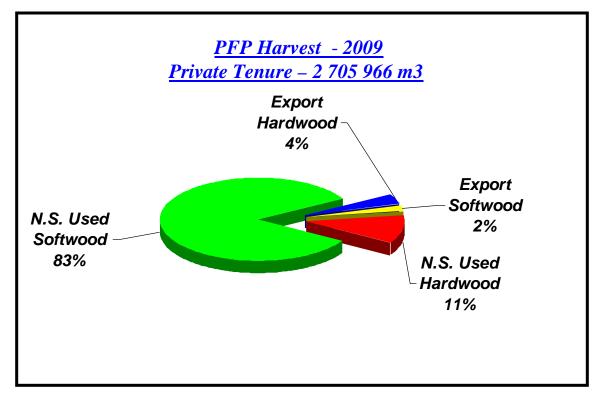












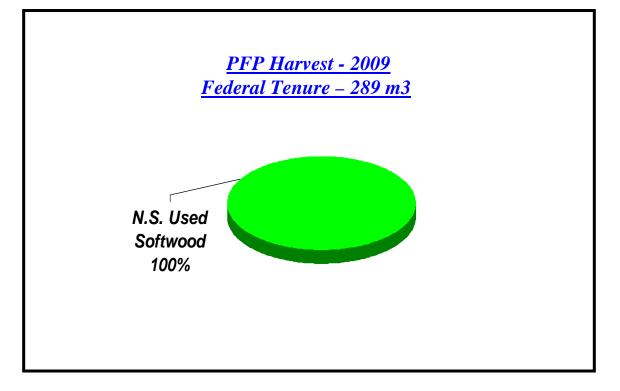


Fig.10

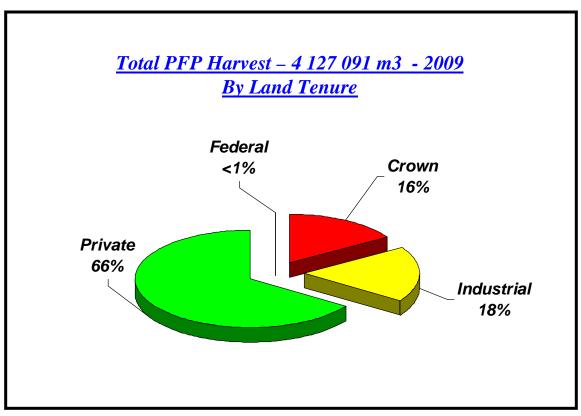


Fig.11

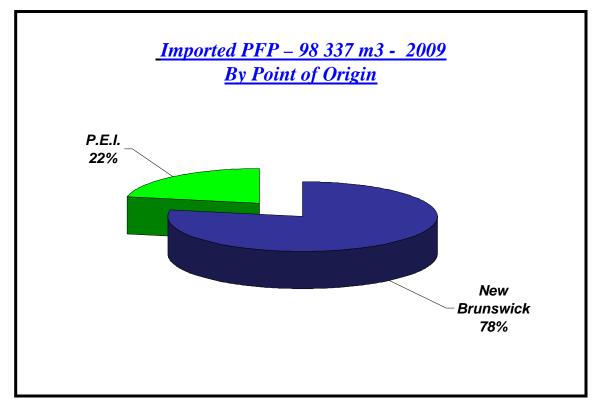
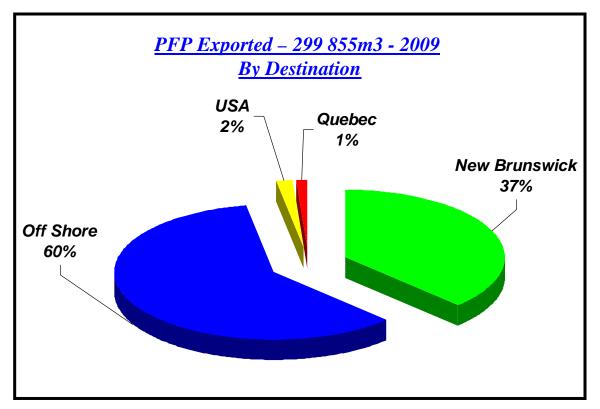
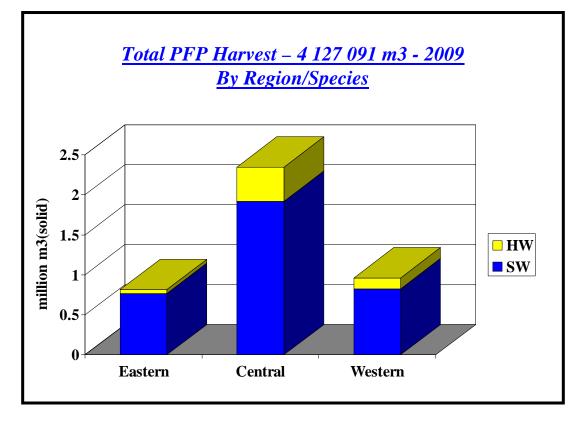


Fig.12





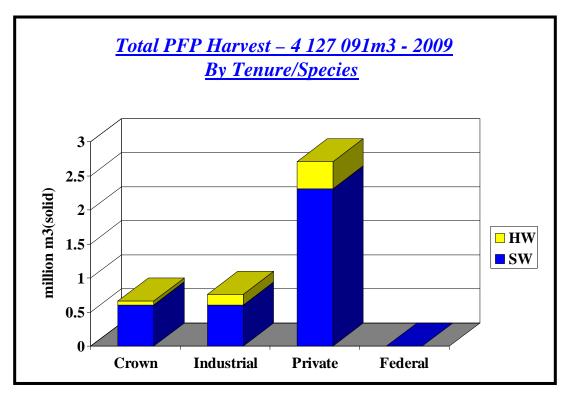
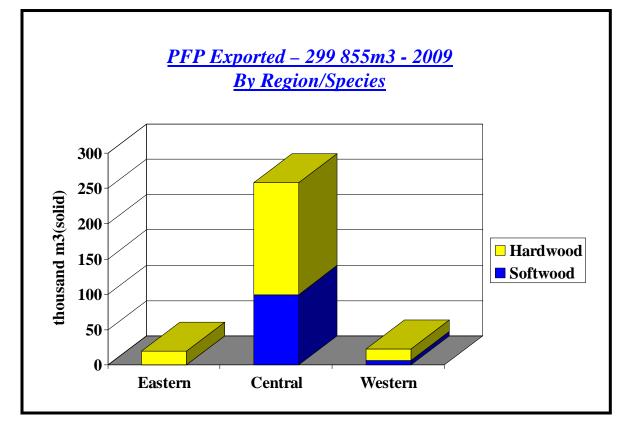


Fig. 15





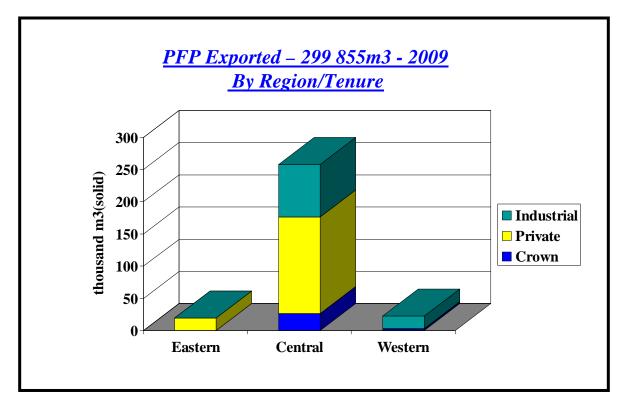
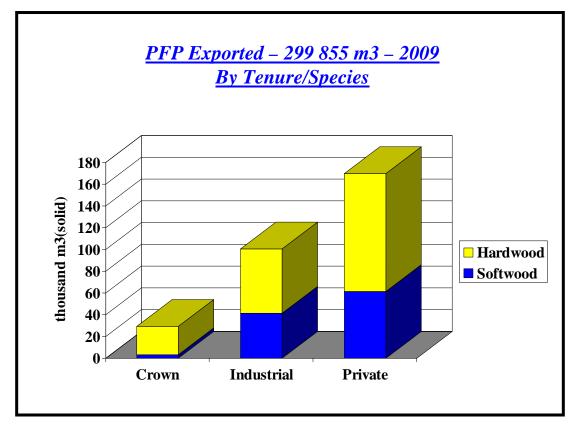
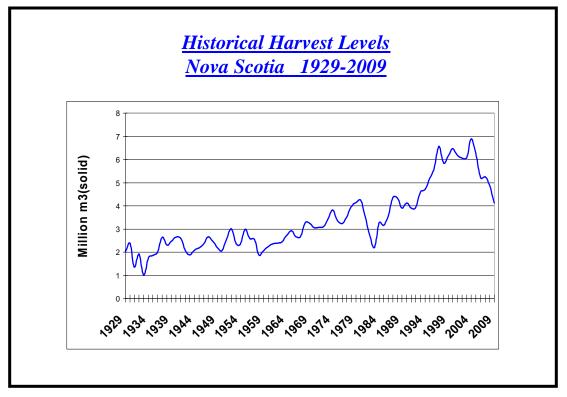
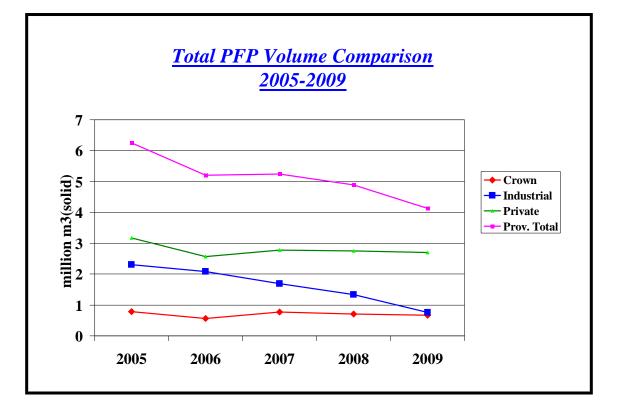


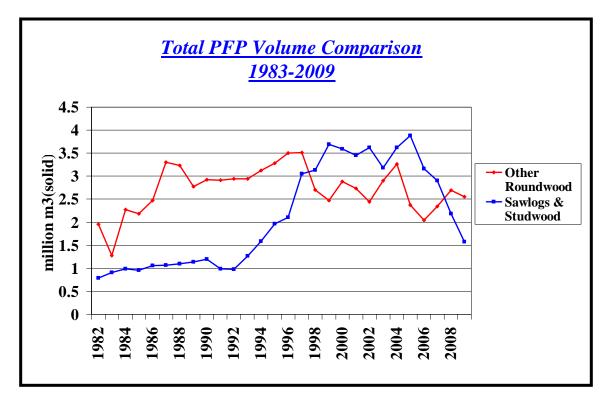
Fig.17











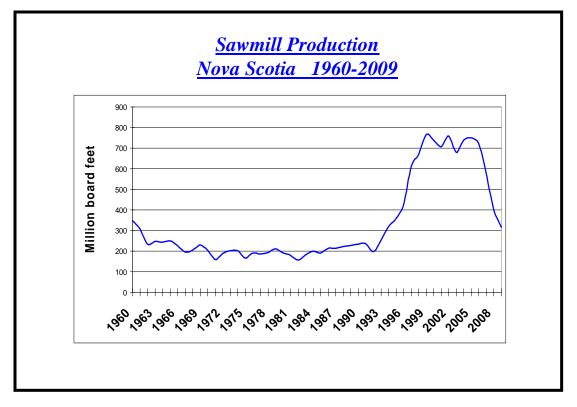
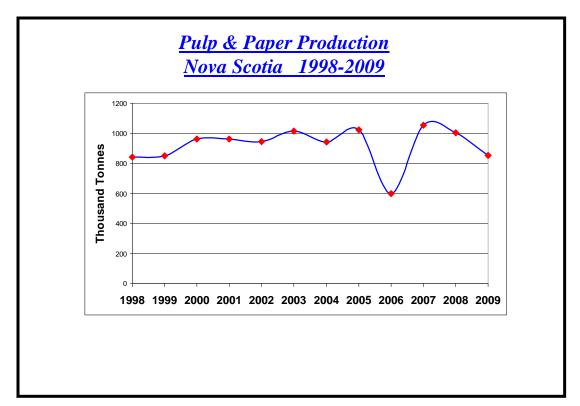


Fig.22



## WOOD ACQUISITION PLAN 2009

The Wood Acquisition Plan (WAP) Program required by the Forest Sustainability Regulations completed it's 10th year of operation in 2009. All Registered Buyers who in 2009 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 28, 2010 for the volume of wood acquired.

The volumes for 2009 that required a WAP totaled 3 337 258 cubic meters. Table 1 of this report details the acquired volumes by softwood vs hardwood as well as private vs industrial owners.

From the volumes reported (Table1) a total of 7 646 530 silviculture credits were required to be submitted for the 3 337 258 cubic metres of wood Registered Buyers acquired. In fact, the table shows the Registered Buyers actually submitted a net credit value of 12 010 774 million silviculture credits which is 57% more than required by the Forest Sustainability Regulations for 2009.

There were 28 Registered Buyers with approved WAP 's in 2009. All Registered Buyers opted to undertake a silviculture program resulting in 24 653 hectares of silviculture treatments being submitted, which is slightly higher than 2008. No Buyers opted to make a contribution to the Sustainable Forest Fund.

Table 2 of the summary shows 24 653 hectares of silviculture being submitted having a credit value of 12 010 774 million.

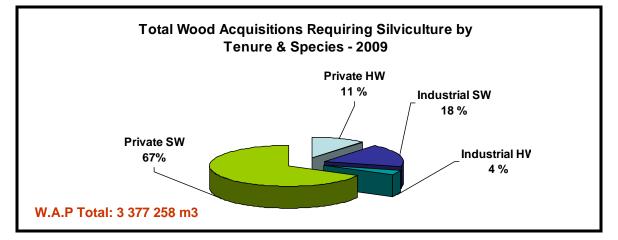
With regards to silviculture area claimed (Table 2) Category 2a, Plantation Establishment, recorded the most area claimed at 50%. This was followed by Category 1a, Natural Regeneration at 18%, Category 3, Early Competition Control at 15% and Category 5, Density Control and Release Natural Stand at 11%. These four Silviculture Treatment Categories represented 94% of the total area submitted by the Registered Buyers in their 2009 WAP's.

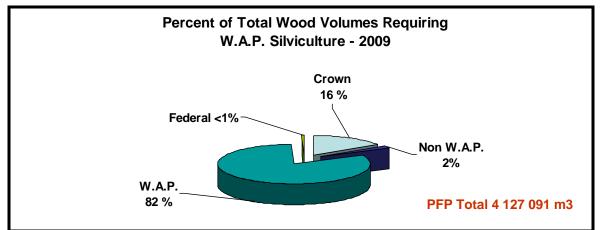
Category 7c, representing Quality Improvement Silviculture, in particular Selection Managed, accounted for 247.87 hectares or approximately 1% of the total area claimed.

A summary of completed silviculture area claimed in year 2009 by silviculture category, ownership and species type is included in Table 5.

# Table 1. SUMMARY OF WOOD ACQUISITION PLAN REQUIREMENTS AND SILVICULTURE COMPLETIONS BY TENURE - 2009

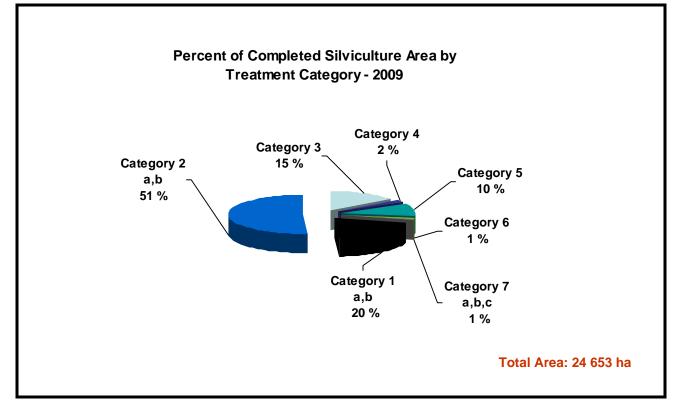
Tenure	Species	Wood Acquisition (m3)	Required Silviculture Credit Value 2009	Completed Silviculture Credit Value 2009		
Industrial	Softwood	598 005	(1,794,015)	2,530,407		
Industrial	Hardwood	151 787	(91,072)	73,958		
Sub	Total	749 792	(1,885,087)	2,604,365		
Private	Softwood	2 265 261	(5,774,707)	10,574,244		
Private	Hardwood	362 205	(13,264)	166,562		
Sub	Total	2 627 466	(5,761,443)	10,740,806		
то	13,345,171					
	Total Administrative Credits Applied					
	Net Completed Silviculture Credit Value					





# TABLE 2. SUMMARY OF COMPLETED SILVICULTURE BYSILVICULTURE CATEGORY, AREA AND CREDIT VALUE - 2009

Category	Area (hectares) (%)	# of Units	Credit Value (%)
1a. Natural Regeneration Establishment < 300/ ha	4 367 (18)		305,692 (3)
1b. Natural Regeneration Establishment >= 300/ha	534 (2)		160,125 (1)
2a. Established Plantation	12 442 (50)		8,087,475 (67)
2b. Intensive Plantation	94 (<1)		14,061 (<1)
3. Early Competition Control: Plantation & Natural	3 683 (15)		1,104,873 (9)
4. Density Control & Release; Plantations	424 (2)		148,351 (1)
5. Density Control & Release; Natural Stand	2 639 (11)		1,979,610 (16)
6. Commercially Thinned	210 (<1)		94,329 (1)
7. Quality Improvement: (a) Crop Trees Released (b) Crop Trees Pruned (c) Selection Managed	12 (<1) 0 (0) 248 (1)	1,572	4,716 (<1) 0 (0) 111,541 (1)
TOTALS	24 653	1,572	12,010,774



# TABLE 3. SUMMARY OF COMPLETED SILVICULTURE BY<br/>SPECIES TYPE AND CREDIT VALUE - 2009

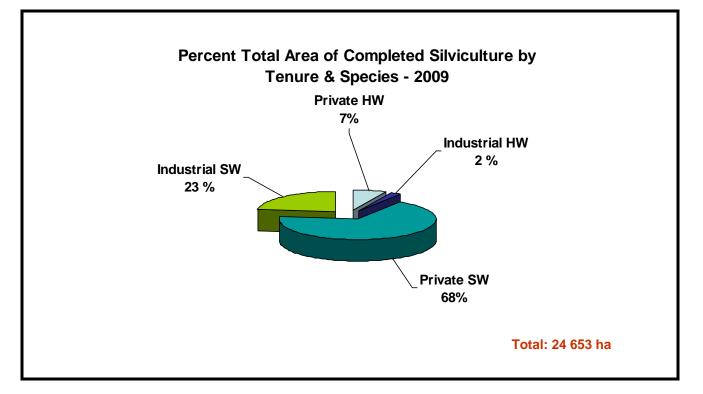
Species Type	Credit value	% of Total
Hardwood	240,520	2%
Softwood	13,104,651	98%
TOTAL	13,345,171	100%

# TABLE 4. SUMMARY OF COMPLETED SILVICULTURE BY<br/>CATEGORY AND TENURE CLASS - 2009

Category	Credit	Value
	Industrial	Private
1a. Natural Regeneration Establishment < 300/ ha	104,293	201,399
1b. Natural Regeneration Establishment >= 300/ ha	122,538	37,587
2a. Plantation Establishment	968,338	7,119,138
2b. Intensive Plantation	0	14,061
3. Early Competition Control: Plantation & Natural	600,816	504,057
4. Density Control & Release; Plantation	25,060	123,291
5. Density Control & Release; Natural Stands	508,643	1,470,968
6. Commercially Thinned	14,265	80,064
7. Quality Improvement: (a) Crop Trees Released	0	4,716
(b) Crop Trees Pruned	0	0
(c) Selection Managed	0	111,542
Totals	2,343,952	9,666,822
	12,01	0,774

# TABLE 5. SUMMARY OF COMPLETED SILVICULTURE AREA (ha)BY SILVICULTURE CATEGORY AND TENURE CLASS - 2009

Category	Area	Treated (ha)	by Tenure /Spo	ecies
	Industrial Softwood	Private Softwood	Industrial Hardwood	Private Hardwood
1a Natural Regeneration Establishment <300/ha	997	1 324	493	1 553
1b. Natural Regeneration Establishment >=300/ha	408	125	0	0
2a. Established Plantation	1 490	10 953	0	0
2b. Intensive Plantation	0	94	0	0
3. Early Competition Control: Plantation & Natural	2 003	1 680	0	0
4 .Density Control & Release; Plantation	72	352	0	0
5. Density Control & Release; Natural Stand	635	1 936	43	25
6. Commercially Thinned	32	176	0	2
7. Quality Improvement: (a) Crop Trees Released	0	13	0	0
(b) Crop Trees Pruned	0	0	0	0
(c) Selection Managed	0	201	0	47
TOTAL AREA BY TENURE/SPECIES	5 636	16 853	536	1 628
TOTAL AREA BY SPECIES	22 489 2 164			64
TOTAL AREA		24	653	



PRIMARY WOOD PRODUCTS CONVERSION FACTORS FROM TONNES TO M3 SOLID FOR SOFTWOOD SPECIES									
Primary Wood Product									
Sawlogs	Mixed sw	1	Х	1.167	1.167				
All Products	Red Pine	1	Х	0.968	0.968				
All Products	Hemlock	1	Х	1.026	1.026				
All Products	Larch	1	Х	1.033	1.033				
All Products	White Pine	1	Х	1.110	1.110				
Pulpwood	Mixed sw	1	Х	1.167	1.167				
Fuelwood	Mixed sw	1	Х	1.167	1.167				
Studwood	Mixed sw	1	Х	1.167	1.167				
Lathwood	Mixed sw	1	Х	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	Х	0.968	0.968				

PRIMARY WOOD PRODUCTS CONVERSION FACTORS FROM TONNES TO M3 SOLID FOR HARDWOOD SPECIES							
Primary WoodSpeciesWeight InMultiplyConversionVolumeProductTonnesFactorm3							
Sawlogs	Mixed hw	1	Х	0.963	0.963		
Boltwood	Mixed hw	1	Х	0.963	0.963		
Pulpwood	Mixed hw	1	Х	0.963	0.963		
Fuelwood	Mixed hw	1	Х	0.963	0.963		
Palletwood	Mixed hw	1	Х	0.963	0.963		
Spoolwood	Mixed hw	1	Х	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	Х	0.963	0.963		
All Products	Aspen	1	Х	1.095	1.095		

PRIMARY WOOD PRODUCTS CONVERSION FACTORS FROM STACKED M3 TO M3 SOLID FOR SOFTWOOD SPECIES							
Primary WoodSpeciesStackedMultiplyConversionVolume InProductm3Factorm3							
Studwood (8'+ trim)	Mixed sw	1	Х	0.641	0.641		
Studwood (10'+ trim)	Mixed sw	1	Х	0.625	0.625		
Pulpwood (8')	Mixed sw	1	Х	0.609	0.609		
Fuelwood (8')	Mixed sw	1	Х	0.609	0.609		
Pulpwood (4')	Mixed sw	1	х	0.664	0.664		
Fuelwood (4')	Mixed sw	1	Х	0.664	0.664		
Lathwood (4')	Mixed sw	1	х	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	Х	0.609	0.609		
Pulpwood (8')	Mixed hw	1	Х	0.531	0.531		
Fuelwood (8')	Mixed hw	1	Х	0.531	0.531		
Boltwood (4')	Mixed hw	1	Х	0.664	0.664		
Spoolwood (4')	Mixed hw	1	Х	0.664	0.664		

PRIMARY WOOD PRODUCTS <u>CONVERSION FACTORS FROM CORDS TO M3 SOLID</u> FOR SOFTWOOD SPECIES							
Primary Wood Product	Species	Cords	Multiply	Conversion Factor	Volume in m3		
Studwood (8' + trim)	Mixed sw	1	Х	2.322	2.322		
Studwood (10' + trim)	Mixed sw	1	Х	2.265	2.265		
Pulpwood (8')	Mixed sw	1	Х	2.209	2.209		
Fuelwood (8')	Mixed sw	1	Х	2.209	2.209		
Pulpwood (4')	Mixed sw	1	Х	2.407	2.407		
Fuelwood (4')	Mixed sw	1	Х	2.407	2.407		
Lathwood (4')	Mixed sw	1	х	2.407	2.407		

PRIMARY WOOD PRODUCTS <u>CONVERSION FACTORS FROM CORDS TO M3 SOLID</u> FOR HARDWOOD SPECIES							
Primary Wood Product	Primary Wood Species Cords Multiply Conversion Volume In						
Palletwood (8')	Mixed hw	1	Х	2.209	2.209		
Pulpwood (8')	Mixed hw	1	Х	1.926	1.926		
Fuelwood (8')	Mixed hw	1	Х	1.926	1.926		
Boltwood (4')	Mixed hw	1	Х	2.407	2.407		
Spoolwood (4')	Mixed hw	1	Х	2.407	2.407		

PRIMARY WOOD PRODUCTS <u>CONVERSION FACTORS FROM fbm (New Brunswick Log Rule) TO M3 SOLID</u> <u>FOR SOFTWOOD SPECIES</u>							
Primary Wood Product	Species	fbm	Multiply	Conversion Factor	Volume in m3		
Sawlogs	Mixed sw	1	Х	0.005663	0.005663		
Veneer Logs	Mixed sw	1	Х	0.005663	0.005663		
Poles and Pilings	Mixed sw	1	Х	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	Х	0.005663	0.005663		
Veneer Logs	Mixed hw	1	Х	0.005663	0.005663		
Palletwood	Mixed hw	1	Х	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	Х	5.663	5.663		
Veneer Logs	Mixed sw	1	Х	5.663	5.663		
Poles and Pilings	Mixed sw	1	Х	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	Х	5.663	5.663		
Veneer Logs	Mixed hw	1	Х	5.663	5.663		
Palletwood	Mixed hw	1	Х	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