



Ten Year Periodic Annual Increment For Nova Scotia Permanent Forest Inventory Plots 1990-95 to 2000-05

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Renewable Resources Branch,
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Table of Contents

Introduction.....	3
Method.....	3
Discussion.....	4
Accretion.....	5
Ingrowth.....	5
Mortality.....	6
Harvest.....	7
Definitions.....	8
Literature Cited.....	9
Periodic Annual Increment Table Index.....	10

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INTRODUCTION

Nova Scotia established a continuous forest inventory system in 1965. From 1965 to 1970, 1765 circular, permanent forest inventory plots were randomly located in forested areas throughout the province. Since then, the plots have been re-measured every 5 years. The collected measurements provide a valuable database which can be used to monitor forest growth and mortality. In 1998, the province established additional plots to bring the total up to 3250 plots. However, as of 2005, the plots established in 2001 and 2002 were not yet re-measured, so change information was not available. Data for this report was garnered from 2498 plots. This report documents the change in growth and mortality over the 10 year period ending in 2005 as measured by the accretion, ingrowth, mortality and harvest of merchantable softwood and hardwood trees in these plots. The results are presented in tabular form by Province and Region for three major landowners; Crown, Large Private and Small Private. There are also three primary strata into which the data is presented: 1) Forest Cover Type, 2) Age Class and 3) Land Capability. This is the fourth publication on the Periodic Annual Increment (PAI) of these plots, the first report was for a 5 year period from 1965 - 70 to 1970 - 75 (NSDL&F, 1977) and the second for a 10 year period from 1965 - 70 to 1975 - 80 (NSDL&F, 1983). The third publication (NSDNR, 2000) was for the 10 year period from 1980 - 85 to 1990 - 95.

METHODS

Permanent Forest Inventory Plots are circular in shape and 0.04 ha in size. Within the plot, all living trees ≥ 9.1 cm diameter outside bark at breast height are numbered and measured for diameter at breast height outside bark (DBH_{ob}) and total height along with several other variables. This report describes the change over a 10 year period for merchantable volume which is calculated using tree measurements of DBH and total tree height. These variables are used in volume equations developed by Honer et al (1983) which were confirmed to be valid for several species of Nova Scotia trees by NSDNR (1996). Forest Cover Type, categorized as Softwood, Mixedwood and Hardwood, is determined by the Total Basal Area¹. Total Basal Area comes from the merchantable trees and saplings. Saplings are trees with DBH_{ob} from 3.1 to 9.0 cm. The plot attributes of 1) Region and 2) Landowner are derived from the Division's Forest Resources Database situated in a GIS environment.

The assessment dates for each category are important to establish, as most categories can change over time (E.g. Age). For this report, the following dates were used. Land Capability is based on assessment during the re-measurement of plots from 1998 to 2002. Average Age is determined by coring 3 trees closest in size to the diameter of the tree of average basal area. These 3 ages are corrected to stump age using Forest Capability curves, then averaged to define the average age of the trees in the plot. Age is presently assessed at each re-measurement. Forest Cover Type, Landowner and Age were assessed for the original plots (established in the 60's) for the measurement period of 1990 to 1995. For the newer plots, the establishment values of 1998-2002 were used.

¹This is a change from former reports which did not include sapling basal area. It was felt that since photo interpretation is based upon TBA, a similar approach should be used for the PSP's.

The Tables were initially generated using SPSS™ Release 13.0. Individual tree change information, such as accretion, is first aggregated to total plot values, then averaged with other plots for each strata. The tables exhibit the change data by 4 main categories,

- | | |
|-----------------------|------------------|
| Growth, described as | i) Accretion |
| | ii) Ingrowth and |
| Removal, described as | iii) Mortality |
| | iv) Harvest. |

Three computed fields are also shown, Gross Growth, Net Growth and Net Change. All 7 change data categories are presented for Softwood species, Hardwood species and a Total (Softwood + Hardwood). These 7 categories are more fully defined in the definition section and are all expressed in merchantable m³/ha/yr for all living trees ≥ 9.1 cm DBH_{ob}. A new column is now included, which shows the number of plots contributing to the compiled value. In general, the fewer the plots, the more variance is likely in the values used to compute the average.

The values are averaged from randomly established plots and therefore every plot is used to compile provincial averages. Consequently, provincial totals cannot be calculated as the arithmetic average of the 3 Regional values. If, as is the case, there are more plots in one Region than another (due to differing areas of forested land), then the greater number of plots in one region will have a greater weight on the final outcome.

Regular training sessions, along with quality control and quality assurance programs result in robust confidence in the quality of the data collected.

DISCUSSION

Volume additions (growth) on merchantable trees in the forest are comprised of accretion and ingrowth. Volume removals are captured by mortality and harvest. A graphic comparison with earlier reports of these four categories is given in Figures 1 & 2. The graphs depict the Nova Scotia average for softwood + hardwood over three different 10 year time periods. Removals can be seen to have increased in the most recent report.

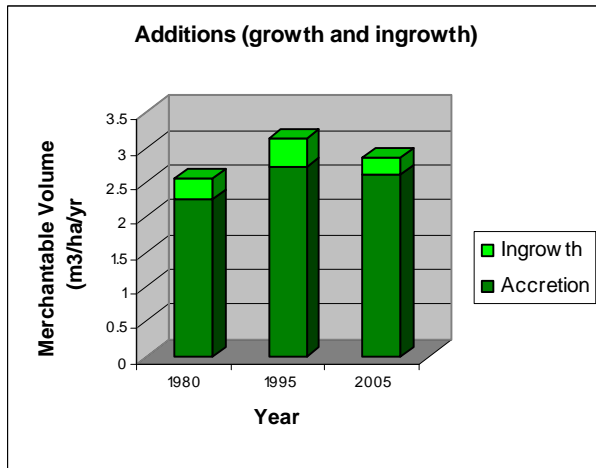


Figure 1. Average Nova Scotia merchantable volume accretion and ingrowth for softwood + hardwood in m³/ha/yr over 3 time periods.

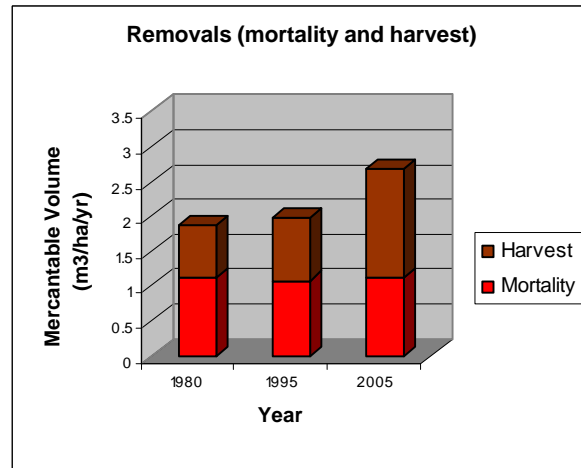


Figure 2. Average Nova Scotia merchantable volume mortality and harvest for softwood + hardwood in m³/ha/yr over 3 time periods.

Accretion

The PAI numbers can indicate how the forest is growing. Accretion, is the growth on merchantable trees that were living during the measurement cycle, they were alive at the beginning and they were still alive at the end of 10 year measurement cycle. Looking at the data grouped 3 ways, by forest cover, by age class, and by land capability class, the largest average accretion always occurred when softwood and hardwood were growing together. The largest provincial average accretion by cover, was 3.090 m³/ha/yr (Table 1) and was the sum of softwood and hardwood, which grew in mixedwood cover owned by small private landowners. The largest regional average accretion by cover was 3.548 m³/ha/yr (Table 19), and again was the sum of both softwood and hardwood growing in mixedwood cover on small private lands in the central region.

Table 1. Largest Provincial average accretion by wood type, owner and cover from Table 13.

Wood Type	Accretion	Owner	Cover
SW	2.687	Large Private	Softwood
HW	1.757	Small Private	Hardwood
Both	3.09	Small Private	Mixedwood

The largest provincial average accretion by age class was 3.347 m³/ha/yr (Table 2) and was the sum of softwood and hardwood which grew on 21-40 year old trees and occurred on two landowner groups; Crown and small private. The largest regional average accretion by age class was 4.125 m³/ha/yr (Table 20c) and was the sum of softwood and hardwood which grew on 21-40 year old trees, growing in the central region on land owned by the Crown.

Table 2. Largest Provincial average accretion by wood type, owner and age class from Table 14 (a, b & c).

Wood Type	Accretion	Owner	Age Class
SW	3.098	Large Private	21-40
HW	1.143	Small Private	41-60
Both	3.347	Crown & Small Private	21-40

The largest provincial average accretion by Land Capability (LC) Class, was 3.790 m³/ha/yr (Table 3) and was the sum of softwood and hardwood, which grew on Land Capability 7 land owned by small private landowners. The largest regional average accretion by LC class was 4.658 m³/ha/yr (Table 24c), and again was the sum of both softwood and hardwood growing on LC 7 land on Crown lands in the central region.

Table 3. Largest Provincial accretion by wood type, owner & land capability class from Table 15 (a, b & c).

Wood Type	Accretion	Owner	Land Capability
SW	2.684	Large Private	6
HW	1.251	Small Private	6
Both	3.79	Small Private	7

Ingrowth

Ingrowth is measured when new trees attain merchantable size during the 10 year measurement cycle. They are measured as new trees at the end of the first 5 years or at the end of 10 years.

The largest provincial average ingrowth by cover, was 0.320 m³/ha/yr (Table 4) and was the sum of softwood and hardwood which grew in softwood cover owned by large private landowners. The largest regional average ingrowth by cover was 0.376 m³/ha/yr (Table 19), and was the sum of both softwood and hardwood growing in softwood cover on large private lands in the central region.

Table 4. Largest Provincial average ingrowth by wood type, owner and cover from Table 13.

Wood Type	Ingrowth	Owner	Cover
SW	0.299	Large Private	Softwood
HW	0.134	Crown	Hardwood
Both	0.320	Large Private	Softwood

The largest provincial average ingrowth by age class was 0.815 m³/ha/yr (Table 5) and was the sum of softwood and hardwood which grew on 21-40 year old trees and occurred on large private lands. The largest regional average ingrowth by age class was 0.886 m³/ha/yr (Table 20c) and was the sum of softwood and hardwood which grew on 21-40 year old trees, growing in the central region on large private land.

Table 5. Largest Provincial average ingrowth by wood type, owner and age class from Table 14 (a, b & c).

Wood Type	Ingrowth	Owner	Age Class
SW	0.706	Large Private	21-40
HW	0.190	Crown	21-40
Both	0.815	Large Private	21-40

The largest provincial average ingrowth by Land Capability (LC) Class, was 0.605 m³/ha/yr (Table 6) and was the sum of softwood and hardwood, which grew on Land Capability >7 land owned by large private landowners. The largest regional average accretion by LC class was 0.755 m³/ha/yr (Table 21c), and was the sum of both softwood and hardwood growing on LC >7 land on large private lands in the central region.

Table 6. Largest Provincial average ingrowth by wood type, owner & land capability class from Table 15 (a, b & c).

Wood Type	Ingrowth	Owner	Land Capability
SW	0.473	Large Private	>7.5
HW	0.236	Crown	>7.5
Both	0.605	Large Private	>7.5

Mortality

Mortality records all trees which were alive at the start of the 10 year measurement cycle, but then died by the end of the 10 year cycle. It includes ingrowth trees that enter at the end of the first 5 year cycle, but then are found dead at the measurement at the end of the 10 year cycle.

The largest provincial average mortality by cover, was 1.346 m³/ha/yr (Table 7) and was the sum of softwood and hardwood which grew in softwood cover owned by small private landowners. The largest regional average mortality by cover was 1.630 m³/ha/yr (Table 19), and was the sum of both softwood and hardwood growing in mixedwood cover on Crown lands in the central region.

Table 7. Largest Provincial average mortality by wood type, owner and cover from Table 13.

Wood Type	Mortality	Owner	Cover
SW	1.277	Small Private	Softwood
HW	0.809	Large Private	Hardwood
Both	1.346	Small Private	Softwood

The largest provincial average mortality by age class was 1.514 m³/ha/yr (Table 8) and was the sum of softwood and hardwood which grew on 61-80 year old trees and occurred on large private lands. The largest regional average mortality by age class was 2.562 m³/ha/yr (Table 23c) and was the sum of softwood and hardwood occurring in 100+ year old trees, in the western region on large private land.

Table 8. Largest Provincial average mortality by wood type, owner and age class from Table 14 (a, b & c).

Wood Type	Mortality	Owner	Age Class
SW	1.226	Small Private	61-80
HW	0.421	Small Private	81-100
Both	1.514	Large Private	61-80

The largest provincial average mortality by Land Capability (LC) Class, was 1.654 m³/ha/yr (Table 9) and was the sum of softwood and hardwood, which grew on Land Capability >7 land owned by small private landowners. The largest regional average mortality by LC class was 2.021 m³/ha/yr (Table 21c), and was the sum of both softwood and hardwood on LC 5 land on Crown lands in the central region.

Table 9. Largest Provincial average mortality by wood type, owner & land capability class from Table 15 (a, b & c).

Wood Type	Mortality	Owner	Land Capability
SW	1.383	Small Private	7
HW	0.370	Large Private	4
Both	1.654	Small Private	7

Harvest

“Harvest” records all trees harvested at the end of the 5 and 10 year cycles of this 10 year report. The best way to determine harvest in the forests of Nova Scotia, is through annual reports from the Nova Scotia Registry of Buyers of Primary Forest Products. Harvesting occurs on only 1-2 percent of the forest each year (NSDNR, 2004). The random sampling method used by the PSP’s may have difficulty in accurately identifying this low level of activity over a 10 year period. That said, PSP’s do get cut, and the results are given. . It should be noted that some plots measured in the central area for the last 2 years of data used in this report, would have been impacted by the effects of Hurricane Juan.

The largest provincial average harvest by cover, was 3.182 m³/ha/yr (Table 10) and was the sum of softwood and hardwood which grew in softwood cover owned by small private landowners. The largest regional average harvest by cover was 4.350 m³/ha/yr (Table 19), and was the sum of both softwood and hardwood growing in softwood cover on small private lands in the central region.

Table 10. Largest Provincial average harvest by wood type, owner and cover from Table 13.

Wood Type	Accretion	Owner	Cover
SW	3.027	Small Private	Softwood
HW	1.626	Large Private	Hardwood
Both	3.182	Small Private	Softwood

The largest provincial average harvest by age class was 4.644 m³/ha/yr (Table 11) and was the sum of softwood and hardwood which grew on 100+ year old trees and occurred on large private lands. The largest regional average harvest by age class was 6.127 m³/ha/yr (Table 20c) and was the sum of softwood and hardwood occurring in 100+ year old trees, in the central region on large private land.

Table 11. Largest Provincial average harvest by wood type, owner and age class from Table 14 (a, b & c).

Wood Type	Accretion	Owner	Age Class
SW	3.869	Large Private	100+
HW	0.980	Large Private	41-60
Both	4.644	Large Private	100+

The largest provincial average harvest by Land Capability (LC) Class, was 3.692 m³/ha/yr (Table 12) and was the sum of softwood and hardwood, which grew on Land Capability 5 land owned by large private landowners. The largest regional average harvest by LC class was 7.492 m³/ha/yr (Table 18c), and the sum of both softwood and hardwood on LC 6 land on large private lands in the eastern region.

Table 12. Largest Provincial average harvest by wood type, owner & land capability class from Table 15 (a, b & c).

Wood Type	Accretion	Owner	Land Capability
SW	3.146	Large Private	5
HW	1.473	Large Private	6
Both	3.692	Large Private	5

DEFINITIONS

Merchantable Volume is for all “commercial” trees ≥ 9.1 cm DBH_{ob} and only includes the wood fibre contained in the bole (no bark) from a 15 cm stump to a top inside bark diameter, of 7.6 cm (formerly described as “Gross Merchantable Volume”). Starting in 1998, NSDNR started to measure all trees that reach 9.1 cm DBH_{ob}, like mountain ash. These “non-commercial” trees were not included in this report.

Softwood Cover Type: Plots containing more than 75% of Total Basal Area in softwood species.

Mixedwood Cover Type: Plots containing 25 to 75% of Total Basal Area in softwood species.

Hardwood Cover Type: Plots containing less than 25% of Total Basal Area in softwood species.

Crown Landowner: Public land administered by Nova Scotia Department of Natural Resources or the Federal Government².

Large Landowner: Mainly Industrial lands, private land owners where land holdings exceed 400 ha.

Small Landowner: Private land owner where land holdings are less than 400 ha.

Federal Landowner: Land owned by Federal government. Due to the small amount of plots, the data from Federal land is not shown separately, rather, it has been included with the “Crown” data. There are 59 plots on Federal Lands, this is 2.3% of all plots and 6.9% of the plots on Crown or public lands.

Accretion: Is the merchantable volume change (growth) on all trees present at the beginning and end of a measurement period. (End Volume - Beginning Volume = Growth). In general, accretion for “original” plots is the yearly average for a 10 year period, whereas, the new plots contribute a yearly average from a 5 year period. Accretion is affected by many factors, species, age, spacing and abiotic factors such as exposure and productivity of the site which in part is determined by soil type and drainage.

Ingrowth: New Growth of merchantable volume on all trees not present at the beginning of measurement period, but which grew large enough to start measuring within the measurement period.

Mortality: Merchantable volume of all trees that were living at the start of the measurement period, but died during the measurement period.

Harvest: Volume of all trees that were living at the start of the measurement period but were cut during the measurement period.

Gross Growth: The Sum of Accretion and Ingrowth.

²This is a change from previous reports, in which Federal land was only present in the total values. This change permits the grouping of all publically owned lands in one place and accounts for all plots before the total is computed.

Net Growth: Gross growth minus Mortality. (Which is Accretion plus Ingrowth, minus mortality)

Net Change: Net Growth minus Harvest. (Which is Accretion plus Ingrowth, minus mortality and harvest)

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PERIODIC ANNUAL INCREMENT TABLE INDEX

Ten year periodic annual increment in merchantable cubic metres per hectare per year by landowner and:

Table 13	Provincial increment by covertime.....	11
Table 14a	Provincial increment by age class for softwood species	12
Table 14b	Provincial increment by age class for hardwood species.....	13
Table 14c	Provincial increment by age class for both.....	14
Table 15a	Provincial increment by land capability for softwood species.....	15
Table 15b	Provincial increment by land capability for hardwood species	16
Table 15c	Provincial increment by land capability for both	17
Table 16	Eastern region increment by covertime	18
Table 17a	Eastern region increment by age class for softwood species	19
Table 17b	Eastern region increment by age class for hardwood species	20
Table 17c	Eastern region increment by age class for both.....	21
Table 18a	Eastern region increment by land capability for softwood species	22
Table 18b	Eastern region increment by land capability for hardwood species.....	23
Table 18c	Eastern region increment by land capability for both	24
Table 19	Central region increment by covertime	25
Table 20a	Central region increment by age class for softwood species	26
Table 20b	Central region increment by age class for hardwood species.....	27
Table 20c	Central region increment by age class for both.....	28
Table 21a	Central region increment by land capability for softwood species.....	29
Table 21b	Central region increment by land capability for hardwood species	30
Table 21c	Central region increment by land capability for both	31
Table 22	Western region increment by covertime	32
Table 23a	Western region increment by age class for softwood species.....	33
Table 23b	Western region increment by age class for hardwood species	34
Table 23c	Western region increment by age class for both.....	35
Table 24a	Western region increment by land capability for softwood species	36
Table 24b	Western region increment by land capability for hardwood species.....	37
Table 24c	Western region increment by land capability for both	38

Note: The highlighted figures in the following tables are mentioned in the discussion section of this report.

Table 13. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and cover type.

Softwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	434	2.145	0.265	0.942	0.783	2.410	1.468	0.685
	Mixedwood	240	1.835	0.192	0.871	0.163	2.027	1.156	0.993
	Hardwood	172	0.221	0.052	0.110	0.013	0.273	0.163	0.150
	Total	846	1.666	0.201	0.753	0.450	1.867	1.114	0.664
Large	Softwood	264	2.687	0.299	0.902	1.902	2.987	2.085	0.183
	Mixedwood	140	1.974	0.147	0.835	1.486	2.121	1.287	-0.200
	Hardwood	68	0.384	0.045	0.093	0.131	0.429	0.336	0.205
	Total	472	2.144	0.218	0.765	1.523	2.361	1.596	0.073
Small	Softwood	535	2.537	0.189	1.277	3.027	2.726	1.449	-1.578
	Mixedwood	435	1.784	0.185	0.989	0.849	1.968	0.979	0.130
	Hardwood	210	0.223	0.054	0.200	0.060	0.277	0.076	0.017
	Total	1180	1.848	0.163	0.979	1.696	2.011	1.031	-0.665
Total	Softwood	1233	2.431	0.239	1.079	1.996	2.671	1.592	-0.404
	Mixedwood	815	1.832	0.180	0.928	0.756	2.012	1.084	0.327
	Hardwood	450	0.247	0.052	0.150	0.053	0.298	0.149	0.096
	Total	2498	1.842	0.186	0.862	1.242	2.028	1.166	-0.076
Hardwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	434	0.141	0.015	0.048	0.038	0.156	0.107	0.069
	Mixedwood	240	0.971	0.072	0.412	0.056	1.043	0.631	0.575
	Hardwood	172	1.636	0.134	0.443	0.242	1.770	1.327	1.085
	Total	846	0.680	0.055	0.232	0.085	0.736	0.504	0.419
Large	Softwood	264	0.180	0.021	0.060	0.121	0.201	0.140	0.019
	Mixedwood	140	0.819	0.055	0.400	1.078	0.875	0.475	-0.603
	Hardwood	68	1.640	0.126	0.809	1.626	1.765	0.957	-0.670
	Total	472	0.580	0.046	0.269	0.622	0.626	0.357	-0.265
Small	Softwood	535	0.291	0.030	0.069	0.155	0.322	0.253	0.098
	Mixedwood	435	1.307	0.093	0.355	0.461	1.400	1.044	0.583
	Hardwood	210	1.757	0.104	0.524	0.637	1.861	1.337	0.700
	Total	1180	0.927	0.067	0.255	0.353	0.993	0.738	0.384
Total	Softwood	1233	0.214	0.023	0.060	0.107	0.237	0.178	0.071
	Mixedwood	815	1.124	0.080	0.380	0.448	1.204	0.825	0.377
	Hardwood	450	1.693	0.119	0.536	0.635	1.812	1.276	0.640
	Total	2498	0.778	0.059	0.250	0.313	0.836	0.587	0.273
Softwood + Hardwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	434	2.285	0.280	0.991	0.821	2.566	1.575	0.754
	Mixedwood	240	2.806	0.264	1.283	0.218	3.070	1.787	1.568
	Hardwood	172	1.857	0.186	0.553	0.254	2.043	1.490	1.236
	Total	846	2.346	0.256	0.985	0.535	2.602	1.618	1.083
Large	Softwood	264	2.867	0.320	0.962	2.023	3.187	2.225	0.202
	Mixedwood	140	2.794	0.202	1.235	2.564	2.996	1.761	-0.803
	Hardwood	68	2.024	0.171	0.902	1.757	2.194	1.293	-0.464
	Total	472	2.724	0.264	1.034	2.145	2.988	1.953	-0.192
Small	Softwood	535	2.829	0.219	1.346	3.182	3.048	1.702	-1.480
	Mixedwood	435	3.090	0.278	1.344	1.310	3.368	2.024	0.713
	Hardwood	210	1.980	0.158	0.725	0.697	2.138	1.413	0.716
	Total	1180	2.774	0.230	1.235	2.050	3.004	1.769	-0.281
Total	Softwood	1233	2.646	0.262	1.139	2.103	2.908	1.769	-0.333
	Mixedwood	815	2.956	0.261	1.307	1.204	3.216	1.909	0.705
	Hardwood	450	1.940	0.171	0.686	0.688	2.110	1.424	0.736
	Total	2498	2.620	0.245	1.112	1.555	2.865	1.753	0.198

Table 14a. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m ³ /ha/yr by landowner and age class for softwood.									
Softwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	102	0.543	0.266	0.090	0.172	0.809	0.719	0.547
	21-40	99	2.461	0.442	0.289	0.735	2.904	2.615	1.880
	41-60	230	2.072	0.207	0.719	0.694	2.279	1.560	0.865
	61-80	249	1.680	0.132	1.082	0.320	1.812	0.730	0.410
	81-100	130	1.290	0.119	1.024	0.363	1.409	0.385	0.022
	100+	36	1.317	0.096	0.872	0.105	1.413	0.541	0.437
	Total	846	1.666	0.201	0.753	0.450	1.867	1.114	0.664
Large	0-20	55	0.501	0.281	0.054	0.157	0.782	0.728	0.138
	21-40	63	3.098	0.706	0.394	0.030	3.804	3.410	3.380
	41-60	132	2.433	0.150	0.696	1.610	2.582	1.887	0.277
	61-80	123	2.330	0.100	1.165	2.072	2.430	1.265	-0.807
	81-100	66	1.889	0.115	0.860	1.837	2.003	1.143	-0.694
	100+	33	1.722	0.094	1.257	3.869	1.816	0.559	-3.310
	Total	472	2.144	0.218	0.765	1.523	2.361	1.596	0.073
Small	0-20	116	0.561	0.231	0.106	0.024	0.792	0.686	0.661
	21-40	126	2.329	0.315	0.517	0.481	2.644	2.127	1.647
	41-60	421	2.113	0.147	1.147	2.127	2.260	1.112	-1.015
	61-80	360	1.822	0.131	1.226	1.871	1.953	0.728	-1.144
	81-100	117	1.588	0.105	1.080	2.038	1.692	0.612	-1.426
	100+	40	2.262	0.121	0.691	3.262	2.383	1.692	-1.570
	Total	1180	1.848	0.163	0.979	1.696	2.011	1.031	-0.665
Total	0-20	273	0.542	0.254	0.090	0.078	0.796	0.707	0.629
	21-40	288	2.543	0.445	0.412	0.470	2.987	2.575	2.106
	41-60	783	2.155	0.165	0.945	1.619	2.320	1.374	-0.245
	61-80	732	1.859	0.126	1.166	1.377	1.985	0.819	-0.559
	81-100	313	1.528	0.113	1.010	1.300	1.640	0.630	-0.670
	100+	109	1.786	0.105	0.922	2.403	1.891	0.969	-1.434
	Total	2498	1.842	0.186	0.862	1.242	2.028	1.166	-0.076

Table 14b. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for hardwood.

Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	102	0.156	0.055	0.112	0.005	0.211	0.100	0.095
	21-40	99	0.885	0.190	0.104	0.073	1.075	0.972	0.899
	41-60	230	0.823	0.059	0.158	0.053	0.882	0.724	0.670
	61-80	249	0.698	0.022	0.289	0.200	0.720	0.431	0.231
	81-100	130	0.710	0.021	0.380	0.013	0.731	0.351	0.338
	100+	36	0.463	0.015	0.465	0.000	0.478	0.013	0.013
	Total	846	0.680	0.055	0.232	0.085	0.736	0.504	0.419
Large	0-20	55	0.138	0.069	0.187	0.000	0.207	0.020	0.020
	21-40	63	0.478	0.109	0.090	0.000	0.587	0.497	0.497
	41-60	132	0.859	0.057	0.353	0.980	0.916	0.563	-0.417
	61-80	123	0.620	0.017	0.349	0.612	0.636	0.288	-0.324
	81-100	66	0.574	0.011	0.253	0.958	0.584	0.332	-0.627
	100+	33	0.259	0.024	0.144	0.775	0.283	0.139	-0.637
	Total	472	0.580	0.046	0.269	0.622	0.626	0.357	-0.265
Small	0-20	116	0.205	0.046	0.036	0.014	0.250	0.214	0.200
	21-40	126	1.019	0.159	0.196	0.101	1.178	0.982	0.882
	41-60	421	1.143	0.078	0.268	0.384	1.222	0.954	0.570
	61-80	360	0.973	0.043	0.284	0.551	1.016	0.732	0.181
	81-100	117	0.801	0.034	0.421	0.144	0.835	0.414	0.270
	100+	40	0.397	0.019	0.211	0.647	0.416	0.205	-0.442
	Total	1180	0.927	0.067	0.255	0.353	0.993	0.738	0.384
Total	0-20	273	0.173	0.054	0.095	0.008	0.227	0.132	0.125
	21-40	288	0.854	0.159	0.141	0.069	1.013	0.872	0.803
	41-60	783	1.001	0.069	0.250	0.388	1.070	0.820	0.433
	61-80	732	0.820	0.031	0.296	0.442	0.851	0.555	0.113
	81-100	313	0.715	0.024	0.368	0.261	0.739	0.370	0.109
	100+	109	0.377	0.019	0.275	0.472	0.396	0.121	-0.351
	Total	2498	0.778	0.059	0.250	0.313	0.836	0.587	0.273

Table 14c. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	102	0.699	0.321	0.201	0.177	1.020	0.819	0.642
	21-40	99	3.347	0.632	0.393	0.808	3.979	3.586	2.778
	41-60	230	2.895	0.265	0.877	0.748	3.160	2.283	1.536
	61-80	249	2.378	0.154	1.371	0.521	2.532	1.161	0.640
	81-100	130	2.000	0.140	1.403	0.376	2.140	0.736	0.360
	100+	36	1.780	0.111	1.337	0.105	1.891	0.554	0.449
	Total	846	2.346	0.256	0.985	0.535	2.602	1.618	1.083
Large	0-20	55	0.639	0.350	0.241	0.016	0.989	0.748	0.733
	21-40	63	3.576	0.815	0.484	0.030	4.391	3.907	3.877
	41-60	132	3.292	0.207	1.049	2.590	3.499	2.450	-0.141
	61-80	123	2.950	0.117	1.514	2.684	3.067	1.553	-1.131
	81-100	66	2.463	0.125	1.113	2.795	2.588	1.475	-1.320
	100+	33	1.981	0.118	1.401	4.644	2.099	0.698	-3.947
	Total	472	2.724	0.264	1.034	2.145	2.988	1.953	-0.192
Small	0-20	116	0.765	0.277	0.142	0.038	1.042	0.900	0.862
	21-40	126	3.347	0.475	0.712	0.581	3.822	3.110	2.528
	41-60	421	3.256	0.225	1.415	2.511	3.481	2.066	-0.445
	61-80	360	2.795	0.174	1.510	2.422	2.969	1.459	-0.963
	81-100	117	2.389	0.138	1.501	2.182	2.527	1.026	-1.156
	100+	40	2.659	0.140	0.902	3.909	2.799	1.897	-2.012
	Total	1180	2.774	0.230	1.235	2.050	3.004	1.769	-0.281
Total	0-20	273	0.715	0.308	0.184	0.085	1.023	0.839	0.754
	21-40	288	3.397	0.603	0.553	0.539	4.000	3.448	2.909
	41-60	783	3.156	0.234	1.195	2.007	3.390	2.195	0.188
	61-80	732	2.679	0.157	1.463	1.819	2.837	1.374	-0.446
	81-100	313	2.243	0.136	1.379	1.562	2.379	1.000	-0.561
	100+	109	2.164	0.124	1.197	2.875	2.287	1.090	-1.785
	Total	2498	2.620	0.245	1.112	1.555	2.865	1.753	0.198

Table 15a. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m ³ /ha/year by landowner and land capability for softwood.									
Softwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	167	0.859	0.163	0.647	0.031	1.021	0.374	0.343
	3	126	1.287	0.172	0.673	0.505	1.459	0.786	0.281
	4	149	1.484	0.151	0.882	0.276	1.635	0.754	0.478
	5	180	2.022	0.238	0.957	0.606	2.260	1.304	0.699
	6	97	2.352	0.212	0.708	1.303	2.564	1.856	0.553
	7	71	2.334	0.344	0.666	0.024	2.678	2.012	1.988
	>7.5	56	2.224	0.197	0.441	0.605	2.422	1.981	1.376
	Total	846	1.666	0.201	0.753	0.450	1.867	1.114	0.664
Large	<2.5	41	0.675	0.157	0.726	0.134	0.832	0.106	-0.028
	3	55	1.867	0.145	1.313	0.858	2.012	0.699	-0.159
	4	85	2.328	0.195	0.833	0.796	2.524	1.691	0.895
	5	127	2.053	0.148	0.641	3.146	2.202	1.561	-1.585
	6	76	2.684	0.214	0.855	1.824	2.898	2.043	0.219
	7	41	2.409	0.349	0.434	0.212	2.757	2.324	2.112
	>7.5	47	2.557	0.473	0.517	1.105	3.030	2.513	1.409
	Total	472	2.144	0.218	0.765	1.523	2.361	1.596	0.073
Small	<2.5	128	0.897	0.134	0.687	0.682	1.030	0.343	-0.339
	3	134	1.499	0.175	0.660	1.376	1.674	1.014	-0.362
	4	220	1.664	0.117	0.854	1.678	1.781	0.927	-0.752
	5	273	2.110	0.155	0.940	2.465	2.265	1.325	-1.140
	6	199	2.073	0.154	1.153	1.626	2.227	1.075	-0.552
	7	104	2.543	0.180	1.383	1.747	2.723	1.340	-0.407
	>7.5	122	2.011	0.284	1.325	1.493	2.295	0.970	-0.523
	Total	1180	1.848	0.163	0.979	1.696	2.011	1.031	-0.665
Total	<2.5	336	0.851	0.151	0.672	0.292	1.002	0.330	0.038
	3	315	1.478	0.169	0.779	0.937	1.647	0.868	-0.069
	4	454	1.730	0.143	0.859	1.053	1.872	1.013	-0.040
	5	580	2.071	0.179	0.879	2.037	2.250	1.370	-0.667
	6	372	2.271	0.181	0.976	1.582	2.452	1.476	-0.106
	7	216	2.449	0.266	0.967	0.889	2.715	1.748	0.858
	>7.5	225	2.178	0.302	0.936	1.191	2.480	1.544	0.353
Total	2498	1.842	0.186	0.862	1.242	2.028	1.166	-0.076	

Table 15b. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for hardwood.

Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	167	0.211	0.015	0.088	0.002	0.226	0.138	0.137
	3	126	0.464	0.035	0.209	0.033	0.500	0.291	0.257
	4	149	0.887	0.062	0.218	0.085	0.948	0.730	0.645
	5	180	0.792	0.038	0.426	0.189	0.830	0.404	0.215
	6	97	0.903	0.048	0.256	0.079	0.952	0.696	0.617
	7	71	0.866	0.083	0.230	0.180	0.949	0.719	0.540
	>7.5	56	1.037	0.236	0.086	0.000	1.273	1.188	1.188
	Total	846	0.680	0.055	0.232	0.085	0.736	0.504	0.419
Large	<2.5	41	0.156	0.043	0.147	0.021	0.200	0.053	0.032
	3	55	0.465	0.017	0.217	0.788	0.482	0.265	-0.523
	4	85	0.549	0.048	0.370	0.489	0.597	0.227	-0.262
	5	127	0.507	0.019	0.291	0.547	0.526	0.236	-0.311
	6	76	0.800	0.044	0.244	1.473	0.844	0.600	-0.873
	7	41	0.959	0.074	0.281	0.000	1.032	0.752	0.752
	>7.5	47	0.650	0.132	0.225	0.560	0.783	0.558	-0.002
	Total	472	0.580	0.046	0.269	0.622	0.626	0.357	-0.265
Small	<2.5	128	0.471	0.035	0.180	0.124	0.506	0.326	0.202
	3	134	0.548	0.036	0.215	0.129	0.584	0.369	0.240
	4	220	0.856	0.048	0.287	0.537	0.904	0.617	0.080
	5	273	0.927	0.059	0.283	0.499	0.986	0.704	0.205
	6	199	1.251	0.082	0.317	0.410	1.333	1.016	0.606
	7	104	1.248	0.086	0.271	0.106	1.333	1.062	0.956
	>7.5	122	1.143	0.142	0.147	0.302	1.284	1.137	0.835
	Total	1180	0.927	0.067	0.255	0.353	0.993	0.738	0.384
Total	<2.5	336	0.303	0.026	0.130	0.051	0.329	0.199	0.149
	3	315	0.500	0.032	0.213	0.206	0.533	0.319	0.114
	4	454	0.809	0.052	0.280	0.380	0.861	0.581	0.201
	5	580	0.793	0.044	0.329	0.413	0.837	0.508	0.095
	6	372	1.068	0.066	0.286	0.541	1.134	0.848	0.307
	7	216	1.067	0.083	0.260	0.110	1.150	0.890	0.781
	>7.5	225	1.014	0.163	0.148	0.281	1.177	1.029	0.748
	Total	2498	0.778	0.059	0.250	0.313	0.836	0.587	0.273

Table 15c. Province of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood and hardwood.

Softwood and Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	167	1.069	0.178	0.735	0.033	1.247	0.512	0.480
	3	126	1.751	0.207	0.881	0.538	1.958	1.077	0.538
	4	149	2.371	0.212	1.100	0.360	2.583	1.483	1.123
	5	180	2.814	0.276	1.382	0.795	3.090	1.708	0.913
	6	97	3.255	0.260	0.964	1.381	3.515	2.551	1.170
	7	71	3.200	0.428	0.896	0.203	3.627	2.731	2.528
	>7.5	56	3.262	0.433	0.526	0.605	3.695	3.169	2.564
	Total	846	2.346	0.256	0.985	0.535	2.602	1.618	1.083
Large	<2.5	41	0.831	0.201	0.873	0.155	1.032	0.159	0.004
	3	55	2.332	0.162	1.531	1.646	2.494	0.963	-0.683
	4	85	2.877	0.243	1.203	1.285	3.120	1.918	0.633
	5	127	2.561	0.167	0.931	3.692	2.728	1.797	-1.896
	6	76	3.484	0.258	1.099	3.297	3.742	2.642	-0.655
	7	41	3.367	0.422	0.714	0.212	3.790	3.075	2.863
	>7.5	47	3.208	0.605	0.741	1.665	3.813	3.071	1.406
	Total	472	2.724	0.264	1.034	2.145	2.988	1.953	-0.192
Small	<2.5	128	1.367	0.169	0.867	0.806	1.536	0.669	-0.137
	3	134	2.048	0.211	0.875	1.505	2.258	1.383	-0.122
	4	220	2.520	0.164	1.141	2.216	2.684	1.544	-0.672
	5	273	3.037	0.214	1.223	2.964	3.251	2.029	-0.936
	6	199	3.324	0.236	1.470	2.036	3.560	2.091	0.054
	7	104	3.790	0.265	1.654	1.853	4.056	2.402	0.549
	>7.5	122	3.154	0.425	1.472	1.796	3.579	2.107	0.312
	Total	1180	2.774	0.230	1.235	2.050	3.004	1.769	-0.281
Total	<2.5	336	1.154	0.177	0.802	0.342	1.331	0.529	0.187
	3	315	1.979	0.201	0.992	1.143	2.179	1.187	0.044
	4	454	2.538	0.195	1.139	1.432	2.733	1.594	0.162
	5	580	2.864	0.223	1.208	2.451	3.087	1.879	-0.572
	6	372	3.339	0.247	1.262	2.123	3.586	2.323	0.200
	7	216	3.516	0.349	1.227	0.999	3.864	2.638	1.639
	>7.5	225	3.192	0.465	1.084	1.472	3.657	2.573	1.101
Total	2498	2.620	0.245	1.112	1.555	2.865	1.753	0.198	

Table 16. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and cover type.

Softwood									
Landowner	Covertime	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	207	1.831	0.321	0.722	1.068	2.152	1.430	0.362
	Mixedwood	89	1.565	0.228	0.808	0.277	1.793	0.985	0.708
	Hardwood	98	0.223	0.063	0.124	0.014	0.285	0.162	0.148
	Total	394	1.371	0.236	0.593	0.627	1.607	1.014	0.387
Large	Softwood	16	1.960	0.232	0.434	2.810	2.192	1.758	-1.051
	Mixedwood	15	1.250	0.185	0.953	1.095	1.435	0.482	-0.613
	Hardwood	6	0.247	0.031	0.084	0.000	0.278	0.195	0.195
	Total	37	1.394	0.180	0.587	1.659	1.575	0.987	-0.672
Small	Softwood	131	2.123	0.250	0.898	1.920	2.373	1.474	-0.445
	Mixedwood	106	1.536	0.217	0.534	0.348	1.752	1.218	0.870
	Hardwood	78	0.199	0.051	0.270	0.017	0.250	-0.020	-0.037
	Total	315	1.449	0.189	0.620	0.920	1.638	1.018	0.098
Total	Softwood	354	1.945	0.291	0.774	1.462	2.236	1.461	-0.001
	Mixedwood	210	1.528	0.219	0.680	0.371	1.747	1.067	0.695
	Hardwood	182	0.213	0.057	0.185	0.015	0.270	0.085	0.070
	Total	746	1.405	0.213	0.604	0.802	1.618	1.014	0.212
Hardwood									
Landowner	Covertime	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	207	0.111	0.012	0.055	0.044	0.123	0.068	0.024
	Mixedwood	89	0.861	0.066	0.409	0.055	0.927	0.519	0.464
	Hardwood	98	1.508	0.119	0.489	0.286	1.627	1.138	0.852
	Total	394	0.628	0.051	0.243	0.107	0.679	0.436	0.329
Large	Softwood	16	0.088	0.023	0.018	0.000	0.112	0.093	0.093
	Mixedwood	15	0.536	0.093	0.409	0.340	0.628	0.220	-0.121
	Hardwood	6	2.077	0.207	0.561	0.000	2.284	1.723	1.723
	Total	37	0.592	0.081	0.265	0.138	0.673	0.409	0.271
Small	Softwood	131	0.216	0.035	0.028	0.073	0.251	0.223	0.150
	Mixedwood	106	0.888	0.106	0.356	0.401	0.994	0.639	0.237
	Hardwood	78	1.880	0.064	0.402	0.452	1.944	1.542	1.090
	Total	315	0.854	0.066	0.231	0.277	0.920	0.689	0.412
Total	Softwood	354	0.149	0.021	0.043	0.053	0.170	0.127	0.074
	Mixedwood	210	0.852	0.088	0.382	0.250	0.940	0.558	0.308
	Hardwood	182	1.686	0.099	0.454	0.348	1.785	1.331	0.983
	Total	746	0.722	0.059	0.239	0.180	0.780	0.542	0.361
Softwood + Hardwood									
Landowner	Covertime	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	207	1.941	0.334	0.777	1.112	2.275	1.498	0.386
	Mixedwood	89	2.426	0.294	1.216	0.332	2.720	1.504	1.172
	Hardwood	98	1.731	0.182	0.612	0.300	1.913	1.300	1.000
	Total	394	1.999	0.287	0.835	0.734	2.285	1.450	0.716
Large	Softwood	16	2.048	0.256	0.452	2.810	2.304	1.851	-0.958
	Mixedwood	15	1.786	0.277	1.361	1.436	2.063	0.702	-0.734
	Hardwood	6	2.324	0.237	0.645	0.000	2.562	1.917	1.917
	Total	37	1.987	0.261	0.852	1.797	2.248	1.396	-0.401
Small	Softwood	131	2.339	0.284	0.926	1.993	2.624	1.697	-0.295
	Mixedwood	106	2.424	0.323	0.890	0.750	2.746	1.857	1.107
	Hardwood	78	2.079	0.115	0.672	0.469	2.194	1.522	1.053
	Total	315	2.303	0.255	0.851	1.197	2.559	1.708	0.511
Total	Softwood	354	2.094	0.312	0.818	1.515	2.405	1.588	0.073
	Mixedwood	210	2.379	0.307	1.062	0.622	2.686	1.625	1.003
	Hardwood	182	1.900	0.155	0.639	0.363	2.055	1.416	1.053
	Total	746	2.127	0.272	0.843	0.982	2.399	1.556	0.574

Table 17a. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood.

Softwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	64	0.267	0.265	0.052	0.274	0.532	0.481	0.207
	21-40	54	2.671	0.520	0.317	0.965	3.191	2.875	1.910
	41-60	79	1.708	0.267	0.550	1.110	1.976	1.425	0.315
	61-80	100	1.418	0.150	0.866	0.575	1.567	0.701	0.125
	81-100	74	1.106	0.126	0.888	0.386	1.233	0.345	-0.041
	100+	23	0.877	0.105	0.750	0.164	0.982	0.232	0.069
	Total	394	1.371	0.236	0.593	0.627	1.607	1.014	0.387
Large	0-20	8	0.297	0.291	0.036	0.000	0.588	0.552	0.552
	21-40	3	2.342	0.268	0.192	0.557	2.610	2.418	1.861
	41-60	11	2.105	0.185	0.751	3.935	2.291	1.540	-2.395
	61-80	8	0.665	0.068	0.858	2.054	0.733	-0.125	-2.179
	81-100	5	1.428	0.134	0.858	0.000	1.562	0.704	0.704
	100+	2	3.287	0.141	0.729	0.000	3.428	2.700	2.700
	Total	37	1.394	0.180	0.587	1.659	1.575	0.987	-0.672
Small	0-20	41	0.333	0.228	0.045	0.000	0.561	0.516	0.516
	21-40	44	2.706	0.361	0.333	0.639	3.067	2.734	2.096
	41-60	90	2.082	0.160	0.594	2.152	2.242	1.648	-0.503
	61-80	97	1.079	0.157	0.874	0.505	1.236	0.362	-0.143
	81-100	35	0.805	0.098	0.937	0.411	0.903	-0.034	-0.444
	100+	8	0.436	0.166	0.984	0.574	0.602	-0.382	-0.956
	Total	315	1.449	0.189	0.620	0.920	1.638	1.018	0.098
Total	0-20	113	0.293	0.254	0.048	0.155	0.547	0.499	0.343
	21-40	101	2.677	0.443	0.320	0.811	3.120	2.800	1.989
	41-60	180	1.920	0.209	0.584	1.804	2.128	1.544	-0.260
	61-80	205	1.228	0.150	0.870	0.600	1.378	0.508	-0.092
	81-100	114	1.028	0.118	0.902	0.376	1.146	0.244	-0.132
	100+	33	0.916	0.122	0.805	0.253	1.038	0.233	-0.020
Total	746	1.405	0.213	0.604	0.802	1.618	1.014	0.212	

Table 17b. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for hardwood.

Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	64	0.044	0.035	0.047	0.008	0.079	0.032	0.025
	21-40	54	0.574	0.151	0.086	0.029	0.725	0.639	0.610
	41-60	79	0.757	0.068	0.157	0.123	0.826	0.668	0.545
	61-80	100	0.781	0.019	0.352	0.289	0.799	0.448	0.159
	81-100	74	0.842	0.025	0.419	0.019	0.867	0.448	0.430
	100+	23	0.580	0.023	0.410	0.000	0.603	0.193	0.193
	Total	394	0.628	0.051	0.243	0.107	0.679	0.436	0.329
Large	0-20	8	0.081	0.130	0.214	0.000	0.211	-0.004	-0.004
	21-40	3	0.088	0.069	0.000	0.000	0.157	0.157	0.157
	41-60	11	1.229	0.157	0.395	0.000	1.386	0.991	0.991
	61-80	8	0.770	0.000	0.302	0.638	0.770	0.468	-0.170
	81-100	5	0.240	0.000	0.221	0.000	0.240	0.020	0.020
	100+	2	0.059	0.017	0.107	0.000	0.076	-0.032	-0.032
	Total	37	0.592	0.081	0.265	0.138	0.673	0.409	0.271
Small	0-20	41	0.079	0.035	0.042	0.000	0.114	0.071	0.071
	21-40	44	0.896	0.166	0.127	0.058	1.062	0.936	0.878
	41-60	90	1.014	0.068	0.225	0.448	1.082	0.857	0.409
	61-80	97	1.004	0.052	0.280	0.436	1.057	0.777	0.341
	81-100	35	0.995	0.024	0.437	0.006	1.019	0.583	0.577
	100+	8	0.363	0.000	0.337	0.241	0.363	0.026	-0.215
	Total	315	0.854	0.066	0.231	0.277	0.920	0.689	0.412
Total	0-20	113	0.059	0.042	0.057	0.004	0.101	0.044	0.039
	21-40	101	0.700	0.155	0.101	0.041	0.855	0.754	0.713
	41-60	180	0.915	0.074	0.206	0.278	0.988	0.782	0.504
	61-80	205	0.886	0.034	0.316	0.372	0.920	0.604	0.232
	81-100	114	0.863	0.024	0.416	0.014	0.886	0.471	0.457
	100+	33	0.496	0.017	0.374	0.058	0.513	0.139	0.080
	Total	746	0.722	0.059	0.239	0.180	0.780	0.542	0.361

Table 17c. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	64	0.311	0.300	0.099	0.282	0.611	0.513	0.231
	21-40	54	3.246	0.671	0.403	0.994	3.917	3.514	2.520
	41-60	79	2.465	0.336	0.708	1.234	2.801	2.094	0.860
	61-80	100	2.198	0.168	1.218	0.864	2.367	1.149	0.284
	81-100	74	1.949	0.151	1.307	0.404	2.100	0.793	0.389
	100+	23	1.457	0.128	1.160	0.164	1.585	0.425	0.261
	Total	394	1.999	0.287	0.835	0.734	2.285	1.450	0.716
Large	0-20	8	0.378	0.421	0.251	0.000	0.799	0.548	0.548
	21-40	3	2.430	0.337	0.192	0.557	2.767	2.575	2.018
	41-60	11	3.335	0.342	1.145	3.935	3.677	2.532	-1.403
	61-80	8	1.434	0.068	1.160	2.692	1.502	0.343	-2.349
	81-100	5	1.668	0.134	1.079	0.000	1.802	0.723	0.723
	100+	2	3.345	0.158	0.836	0.000	3.504	2.668	2.668
	Total	37	1.987	0.261	0.852	1.797	2.248	1.396	-0.401
Small	0-20	41	0.411	0.263	0.087	0.000	0.674	0.587	0.587
	21-40	44	3.602	0.527	0.459	0.697	4.129	3.670	2.973
	41-60	90	3.097	0.228	0.819	2.600	3.324	2.505	-0.094
	61-80	97	2.083	0.210	1.154	0.942	2.293	1.139	0.197
	81-100	35	1.800	0.122	1.373	0.416	1.922	0.549	0.133
	100+	8	0.799	0.166	1.321	0.815	0.966	-0.356	-1.170
	Total	315	2.303	0.255	0.851	1.197	2.559	1.708	0.511
Total	0-20	113	0.352	0.295	0.105	0.160	0.647	0.542	0.383
	21-40	101	3.377	0.599	0.421	0.851	3.975	3.554	2.703
	41-60	180	2.834	0.282	0.790	2.082	3.116	2.326	0.245
	61-80	205	2.114	0.184	1.185	0.972	2.298	1.113	0.140
	81-100	114	1.891	0.142	1.317	0.390	2.032	0.715	0.325
	100+	33	1.412	0.139	1.179	0.312	1.551	0.372	0.060
	Total	746	2.127	0.272	0.843	0.982	2.399	1.556	0.574

Table 18a. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood.

Softwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	108	0.911	0.166	0.631	0.032	1.077	0.446	0.414
	3	70	1.456	0.202	0.502	0.803	1.658	1.156	0.353
	4	61	1.295	0.182	0.665	0.578	1.477	0.813	0.235
	5	69	1.776	0.311	0.701	0.623	2.087	1.386	0.763
	6	30	1.498	0.267	0.496	3.523	1.766	1.270	-2.253
	7	33	1.365	0.432	0.612	0.051	1.797	1.185	1.134
	>7.5	23	2.097	0.263	0.268	0.083	2.360	2.091	2.008
	Total	394	1.371	0.236	0.593	0.627	1.607	1.014	0.387
Large	<2.5	6	0.383	0.152	0.461	0.000	0.534	0.074	0.074
	3	5	1.314	0.040	1.372	1.619	1.354	-0.018	-1.637
	4	6	1.821	0.147	0.945	1.389	1.968	1.023	-0.366
	5	6	2.396	0.163	0.576	0.000	2.558	1.982	1.982
	6	6	2.036	0.203	0.091	7.492	2.239	2.148	-5.344
	7	3	1.488	0.199	0.704	0.000	1.686	0.983	0.983
	>7.5	5	0.150	0.377	0.064	0.000	0.527	0.463	0.463
	Total	37	1.394	0.180	0.587	1.659	1.575	0.987	-0.672
Small	<2.5	60	0.928	0.160	0.674	0.508	1.088	0.413	-0.095
	3	50	1.231	0.225	0.477	0.346	1.455	0.978	0.632
	4	53	1.176	0.097	0.699	1.160	1.273	0.574	-0.586
	5	55	1.926	0.134	0.726	1.431	2.060	1.334	-0.097
	6	38	1.614	0.217	0.458	1.564	1.831	1.373	-0.191
	7	28	2.935	0.295	1.013	0.470	3.231	2.218	1.747
	>7.5	31	0.885	0.317	0.270	0.941	1.203	0.933	-0.008
	Total	315	1.449	0.189	0.620	0.920	1.638	1.018	0.098
Total	<2.5	174	0.899	0.163	0.640	0.195	1.062	0.422	0.227
	3	125	1.360	0.204	0.527	0.653	1.565	1.038	0.385
	4	120	1.269	0.143	0.694	0.875	1.412	0.718	-0.158
	5	130	1.868	0.229	0.705	0.936	2.097	1.392	0.456
	6	74	1.601	0.236	0.444	2.839	1.837	1.394	-1.445
	7	64	2.058	0.361	0.792	0.232	2.419	1.627	1.395
	>7.5	59	1.295	0.301	0.252	0.527	1.596	1.345	0.818
	Total	746	1.405	0.213	0.604	0.802	1.618	1.014	0.212

Table 18b. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for hardwood.

Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	108	0.212	0.016	0.072	0.000	0.228	0.156	0.156
	3	70	0.576	0.031	0.210	0.059	0.607	0.397	0.338
	4	61	0.954	0.039	0.287	0.091	0.993	0.706	0.616
	5	69	0.819	0.044	0.634	0.256	0.863	0.229	-0.026
	6	30	0.896	0.079	0.196	0.066	0.975	0.779	0.713
	7	33	0.707	0.079	0.153	0.386	0.786	0.633	0.247
	>7.5	23	0.835	0.251	0.045	0.000	1.086	1.041	1.041
	Total	394	0.628	0.051	0.243	0.107	0.679	0.436	0.329
Large	<2.5	6	0.240	0.061	0.062	0.000	0.301	0.240	0.240
	3	5	0.870	0.000	0.468	0.068	0.870	0.402	0.334
	4	6	1.449	0.192	0.345	0.795	1.642	1.297	0.502
	5	6	0.277	0.025	0.298	0.000	0.302	0.004	0.004
	6	6	0.454	0.037	0.095	0.000	0.491	0.396	0.396
	7	3	0.993	0.000	0.886	0.000	0.993	0.107	0.107
	>7.5	5	0.013	0.223	0.000	0.000	0.235	0.235	0.235
	Total	37	0.592	0.081	0.265	0.138	0.673	0.409	0.271
Small	<2.5	60	0.659	0.026	0.287	0.118	0.685	0.399	0.281
	3	50	0.694	0.018	0.244	0.058	0.712	0.468	0.410
	4	53	1.281	0.060	0.269	0.450	1.341	1.072	0.622
	5	55	0.996	0.094	0.110	0.611	1.090	0.980	0.370
	6	38	0.526	0.072	0.347	0.113	0.598	0.251	0.138
	7	28	0.822	0.083	0.098	0.108	0.905	0.807	0.699
	>7.5	31	0.938	0.159	0.227	0.405	1.097	0.870	0.466
	Total	315	0.854	0.066	0.231	0.277	0.920	0.689	0.412
Total	<2.5	174	0.367	0.021	0.146	0.041	0.388	0.242	0.202
	3	125	0.635	0.025	0.234	0.059	0.660	0.426	0.367
	4	120	1.123	0.056	0.282	0.285	1.179	0.897	0.613
	5	130	0.869	0.065	0.397	0.394	0.933	0.537	0.143
	6	74	0.670	0.072	0.265	0.085	0.742	0.477	0.392
	7	64	0.771	0.077	0.163	0.246	0.848	0.685	0.438
	>7.5	59	0.819	0.200	0.137	0.213	1.020	0.883	0.670
	Total	746	0.722	0.059	0.239	0.180	0.780	0.542	0.361

Table 18c. Eastern Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood and hardwood.

Softwood and Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	108	1.123	0.182	0.703	0.032	1.305	0.602	0.570
	3	70	2.032	0.233	0.712	0.862	2.265	1.553	0.691
	4	61	2.249	0.221	0.952	0.669	2.470	1.519	0.850
	5	69	2.595	0.355	1.335	0.879	2.950	1.615	0.737
	6	30	2.395	0.346	0.692	3.589	2.741	2.049	-1.541
	7	33	2.072	0.511	0.764	0.438	2.583	1.818	1.381
	>7.5	23	2.932	0.514	0.314	0.083	3.446	3.132	3.049
	Total	394	1.999	0.287	0.835	0.734	2.285	1.450	0.716
Large	<2.5	6	0.623	0.213	0.522	0.000	0.836	0.313	0.313
	3	5	2.184	0.040	1.840	1.687	2.224	0.384	-1.303
	4	6	3.270	0.340	1.290	2.184	3.610	2.320	0.136
	5	6	2.672	0.188	0.874	0.000	2.860	1.986	1.986
	6	6	2.489	0.240	0.186	7.492	2.730	2.544	-4.949
	7	3	2.480	0.199	1.590	0.000	2.679	1.090	1.090
	>7.5	5	0.163	0.600	0.064	0.000	0.762	0.698	0.698
	Total	37	1.987	0.261	0.852	1.797	2.248	1.396	-0.401
Small	<2.5	60	1.588	0.186	0.961	0.626	1.773	0.812	0.186
	3	50	1.925	0.243	0.721	0.404	2.167	1.446	1.042
	4	53	2.458	0.157	0.969	1.610	2.614	1.646	0.036
	5	55	2.922	0.228	0.835	2.041	3.150	2.315	0.273
	6	38	2.140	0.289	0.804	1.677	2.429	1.624	-0.053
	7	28	3.758	0.378	1.111	0.579	4.136	3.025	2.446
	>7.5	31	1.823	0.477	0.497	1.345	2.300	1.803	0.458
	Total	315	2.303	0.255	0.851	1.197	2.559	1.708	0.511
Total	<2.5	174	1.266	0.184	0.786	0.236	1.450	0.664	0.429
	3	125	1.995	0.229	0.761	0.712	2.224	1.463	0.752
	4	120	2.392	0.199	0.976	1.160	2.591	1.615	0.455
	5	130	2.737	0.293	1.102	1.330	3.030	1.928	0.598
	6	74	2.272	0.308	0.709	2.924	2.580	1.871	-1.053
	7	64	2.829	0.438	0.955	0.479	3.267	2.312	1.833
	>7.5	59	2.115	0.502	0.389	0.739	2.616	2.227	1.488
Total	746	2.127	0.272	0.843	0.982	2.399	1.556	0.574	

Table 19. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and cover type.

Softwood									
Landowner	Coverttype	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	128	2.361	0.235	1.309	0.663	2.596	1.287	0.624
	Mixedwood	63	1.817	0.163	1.133	0.223	1.979	0.847	0.624
	Hardwood	40	0.146	0.029	0.048	0.000	0.175	0.126	0.126
	Total	231	1.829	0.180	1.043	0.428	2.008	0.966	0.538
Large	Softwood	142	2.552	0.361	0.704	2.018	2.913	2.209	0.192
	Mixedwood	56	2.135	0.139	0.848	1.623	2.274	1.426	-0.197
	Hardwood	46	0.301	0.030	0.006	0.190	0.330	0.324	0.134
	Total	244	2.032	0.248	0.605	1.583	2.279	1.674	0.092
Small	Softwood	208	2.481	0.181	1.424	4.165	2.662	1.238	-2.928
	Mixedwood	165	1.900	0.190	1.158	1.342	2.091	0.933	-0.410
	Hardwood	74	0.198	0.050	0.229	0.048	0.248	0.019	-0.029
	Total	447	1.889	0.162	1.128	2.442	2.051	0.923	-1.518
Total	Softwood	478	2.470	0.249	1.179	2.590	2.719	1.540	-1.050
	Mixedwood	284	1.928	0.174	1.091	1.149	2.102	1.011	-0.138
	Hardwood	160	0.214	0.039	0.119	0.077	0.253	0.134	0.057
	Total	922	1.912	0.189	0.968	1.710	2.101	1.133	-0.577
Hardwood									
Landowner	Coverttype	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	128	0.147	0.019	0.054	0.056	0.166	0.112	0.056
	Mixedwood	63	1.120	0.115	0.498	0.135	1.235	0.737	0.602
	Hardwood	40	2.084	0.175	0.287	0.000	2.259	1.972	1.972
	Total	231	0.748	0.072	0.215	0.068	0.820	0.605	0.537
Large	Softwood	142	0.143	0.015	0.068	0.173	0.158	0.091	-0.082
	Mixedwood	56	0.817	0.066	0.551	1.686	0.883	0.332	-1.355
	Hardwood	46	1.381	0.111	0.680	2.200	1.493	0.813	-1.388
	Total	244	0.531	0.045	0.294	0.902	0.576	0.282	-0.620
Small	Softwood	208	0.241	0.019	0.104	0.184	0.260	0.156	-0.028
	Mixedwood	165	1.648	0.096	0.468	0.674	1.744	1.276	0.602
	Hardwood	74	1.963	0.091	0.722	0.821	2.055	1.332	0.511
	Total	447	1.045	0.060	0.341	0.471	1.105	0.764	0.294
Total	Softwood	478	0.187	0.018	0.080	0.147	0.205	0.125	-0.022
	Mixedwood	284	1.367	0.094	0.491	0.754	1.461	0.970	0.216
	Hardwood	160	1.826	0.118	0.601	1.012	1.944	1.343	0.330
	Total	922	0.835	0.059	0.297	0.484	0.894	0.597	0.113
Softwood + Hardwood									
Landowner	Coverttype	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	128	2.508	0.254	1.363	0.719	2.762	1.399	0.680
	Mixedwood	63	2.936	0.278	1.630	0.358	3.214	1.584	1.226
	Hardwood	40	2.230	0.204	0.335	0.000	2.433	2.098	2.098
	Total	231	2.577	0.252	1.258	0.496	2.828	1.570	1.075
Large	Softwood	142	2.695	0.376	0.771	2.191	3.072	2.300	0.110
	Mixedwood	56	2.952	0.205	1.399	3.309	3.156	1.758	-1.551
	Hardwood	46	1.682	0.141	0.686	2.391	1.823	1.137	-1.254
	Total	244	2.563	0.293	0.899	2.485	2.856	1.956	-0.529
Small	Softwood	208	2.722	0.200	1.528	4.350	2.922	1.394	-2.956
	Mixedwood	165	3.548	0.286	1.626	2.017	3.834	2.208	0.192
	Hardwood	74	2.161	0.141	0.951	0.869	2.302	1.351	0.482
	Total	447	2.934	0.222	1.469	2.912	3.156	1.688	-1.225
Total	Softwood	478	2.657	0.267	1.259	2.736	2.924	1.665	-1.072
	Mixedwood	284	3.295	0.268	1.582	1.903	3.563	1.981	0.078
	Hardwood	160	2.040	0.157	0.721	1.089	2.197	1.476	0.387
	Total	922	2.746	0.248	1.265	2.194	2.995	1.729	-0.464

Table 20a. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood.

Softwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	32	1.079	0.291	0.115	0.000	1.369	1.254	1.254
	21-40	22	2.399	0.339	0.283	0.940	2.738	2.454	1.515
	41-60	73	2.172	0.178	0.959	0.525	2.350	1.391	0.866
	61-80	69	1.744	0.123	1.627	0.308	1.868	0.241	-0.067
	81-100	27	1.385	0.104	1.401	0.692	1.489	0.088	-0.604
	100+	8	2.352	0.061	1.354	0.000	2.414	1.060	1.060
	Total	231	1.829	0.180	1.043	0.428	2.008	0.966	0.538
Large	0-20	35	0.391	0.271	0.000	0.024	0.662	0.662	0.638
	21-40	41	3.213	0.800	0.286	0.004	4.013	3.727	3.723
	41-60	70	2.094	0.115	0.557	2.124	2.209	1.652	-0.471
	61-80	53	2.425	0.115	1.101	1.415	2.540	1.439	0.024
	81-100	26	1.867	0.101	0.994	2.672	1.968	0.974	-1.697
	100+	19	1.405	0.071	0.673	4.844	1.477	0.803	-4.041
	Total	244	2.032	0.248	0.605	1.583	2.279	1.674	0.092
Small	0-20	47	0.657	0.267	0.180	0.060	0.924	0.744	0.684
	21-40	38	2.177	0.353	0.648	0.648	2.530	1.882	1.235
	41-60	158	1.785	0.151	1.299	2.555	1.936	0.637	-1.918
	61-80	143	2.230	0.121	1.379	3.120	2.351	0.972	-2.148
	81-100	43	1.884	0.097	1.289	2.997	1.981	0.692	-2.305
	100+	18	2.710	0.080	0.734	4.744	2.790	2.057	-2.687
	Total	447	1.889	0.162	1.128	2.442	2.051	0.923	-1.518
Total	0-20	114	0.694	0.275	0.106	0.032	0.969	0.862	0.830
	21-40	101	2.646	0.532	0.422	0.450	3.177	2.756	2.306
	41-60	301	1.951	0.149	1.044	1.962	2.100	1.056	-0.907
	61-80	265	2.143	0.120	1.388	2.047	2.263	0.875	-1.172
	81-100	96	1.739	0.100	1.241	2.260	1.839	0.598	-1.662
	100+	45	2.096	0.073	0.818	3.943	2.169	1.350	-2.593
	Total	922	1.912	0.189	0.968	1.710	2.101	1.133	-0.577

Table 20b. Central of Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for hardwood.

Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	32	0.228	0.095	0.023	0.000	0.324	0.300	0.300
	21-40	22	1.726	0.341	0.079	0.257	2.067	1.988	1.731
	41-60	73	1.057	0.056	0.247	0.031	1.113	0.866	0.835
	61-80	69	0.533	0.027	0.217	0.108	0.560	0.343	0.235
	81-100	27	0.444	0.005	0.283	0.012	0.449	0.166	0.154
	100+	8	0.198	0.000	0.825	0.000	0.198	-0.628	-0.628
	Total	231	0.748	0.072	0.215	0.068	0.820	0.605	0.537
Large	0-20	35	0.076	0.051	0.122	0.000	0.127	0.005	0.005
	21-40	41	0.475	0.086	0.126	0.000	0.561	0.434	0.434
	41-60	70	0.829	0.051	0.325	1.599	0.880	0.555	-1.044
	61-80	53	0.629	0.021	0.599	0.903	0.650	0.051	-0.852
	81-100	26	0.545	0.013	0.261	1.383	0.558	0.297	-1.086
	100+	19	0.102	0.034	0.054	1.283	0.136	0.082	-1.201
	Total	244	0.531	0.045	0.294	0.902	0.576	0.282	-0.620
Small	0-20	47	0.274	0.020	0.053	0.033	0.294	0.241	0.207
	21-40	38	1.242	0.107	0.400	0.241	1.349	0.949	0.708
	41-60	158	1.449	0.092	0.401	0.456	1.541	1.140	0.684
	61-80	143	0.975	0.036	0.354	0.784	1.010	0.657	-0.127
	81-100	43	0.776	0.033	0.397	0.139	0.809	0.413	0.273
	100+	18	0.305	0.030	0.201	0.528	0.336	0.134	-0.394
	Total	447	1.045	0.060	0.341	0.471	1.105	0.764	0.294
Total	0-20	114	0.200	0.051	0.066	0.014	0.251	0.185	0.171
	21-40	101	1.036	0.149	0.219	0.147	1.185	0.966	0.820
	41-60	301	1.210	0.074	0.346	0.619	1.284	0.938	0.319
	61-80	265	0.791	0.030	0.367	0.632	0.821	0.454	-0.178
	81-100	96	0.620	0.020	0.328	0.440	0.640	0.312	-0.129
	100+	45	0.200	0.027	0.250	0.753	0.227	-0.023	-0.776
	Total	922	0.835	0.059	0.297	0.484	0.894	0.597	0.113

Table 20c. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	32	1.307	0.386	0.139	0.000	1.693	1.554	1.554
	21-40	22	4.125	0.680	0.362	1.196	4.805	4.442	3.246
	41-60	73	3.229	0.234	1.206	0.556	3.463	2.257	1.701
	61-80	69	2.277	0.150	1.844	0.415	2.427	0.584	0.168
	81-100	27	1.829	0.109	1.684	0.704	1.938	0.253	-0.450
	100+	8	2.550	0.061	2.179	0.000	2.611	0.433	0.433
	Total	231	2.577	0.252	1.258	0.496	2.828	1.570	1.075
Large	0-20	35	0.468	0.322	0.122	0.024	0.790	0.667	0.643
	21-40	41	3.688	0.886	0.412	0.004	4.574	4.162	4.158
	41-60	70	2.923	0.167	0.882	3.723	3.089	2.208	-1.515
	61-80	53	3.054	0.135	1.700	2.319	3.189	1.490	-0.829
	81-100	26	2.413	0.114	1.255	4.054	2.526	1.272	-2.783
	100+	19	1.507	0.106	0.728	6.127	1.613	0.885	-5.242
	Total	244	2.563	0.293	0.899	2.485	2.856	1.956	-0.529
Small	0-20	47	0.930	0.287	0.233	0.093	1.217	0.985	0.891
	21-40	38	3.419	0.460	1.048	0.888	3.879	2.831	1.943
	41-60	158	3.234	0.243	1.700	3.011	3.477	1.777	-1.234
	61-80	143	3.205	0.156	1.733	3.903	3.361	1.628	-2.275
	81-100	43	2.660	0.130	1.686	3.136	2.790	1.104	-2.032
	100+	18	3.016	0.110	0.935	5.272	3.126	2.191	-3.081
	Total	447	2.934	0.222	1.469	2.912	3.156	1.688	-1.225
Total	0-20	114	0.894	0.326	0.172	0.046	1.220	1.047	1.001
	21-40	101	3.682	0.681	0.641	0.597	4.363	3.722	3.126
	41-60	301	3.161	0.223	1.390	2.581	3.383	1.993	-0.588
	61-80	265	2.933	0.150	1.755	2.678	3.084	1.329	-1.350
	81-100	96	2.359	0.120	1.569	2.701	2.479	0.910	-1.791
	100+	45	2.296	0.100	1.069	4.696	2.395	1.327	-3.369
	Total	922	2.746	0.248	1.265	2.194	2.995	1.729	-0.464

Table 21a. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m ³ /ha/year by landowner and land capability for softwood.									
Softwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	31	0.726	0.132	0.915	0.000	0.857	-0.058	-0.058
	3	26	1.074	0.200	0.681	0.286	1.274	0.593	0.306
	4	50	1.886	0.112	1.110	0.110	1.998	0.888	0.778
	5	54	2.200	0.135	1.672	1.208	2.335	0.663	-0.545
	6	32	2.303	0.184	0.931	0.646	2.487	1.556	0.910
	7	17	2.761	0.516	0.322	0.000	3.277	2.955	2.955
	>7.5	21	1.824	0.223	0.655	0.000	2.047	1.392	1.392
	Total	231	1.829	0.180	1.043	0.428	2.008	0.966	0.538
Large	<2.5	23	0.655	0.173	0.646	0.079	0.827	0.181	0.102
	3	21	1.737	0.120	0.952	1.521	1.857	0.906	-0.615
	4	40	2.346	0.168	0.818	0.660	2.514	1.696	1.037
	5	76	1.667	0.167	0.444	3.403	1.834	1.390	-2.013
	6	35	2.652	0.190	0.712	1.736	2.843	2.131	0.395
	7	20	2.130	0.510	0.501	0.000	2.641	2.139	2.139
	>7.5	29	3.044	0.609	0.397	0.227	3.653	3.256	3.029
	Total	244	2.032	0.248	0.605	1.583	2.279	1.674	0.092
Small	<2.5	34	0.959	0.107	0.629	1.223	1.066	0.436	-0.787
	3	37	1.936	0.164	0.854	2.467	2.100	1.246	-1.222
	4	79	1.895	0.100	1.010	2.491	1.995	0.985	-1.506
	5	121	2.056	0.166	0.973	2.930	2.222	1.248	-1.681
	6	87	1.899	0.131	1.315	1.687	2.030	0.715	-0.972
	7	42	2.004	0.157	1.520	3.071	2.161	0.641	-2.430
	>7.5	47	1.962	0.362	1.604	2.798	2.324	0.720	-2.078
	Total	447	1.889	0.162	1.128	2.442	2.051	0.923	-1.518
Total	<2.5	88	0.797	0.133	0.734	0.493	0.930	0.196	-0.298
	3	84	1.619	0.164	0.825	1.556	1.783	0.959	-0.597
	4	169	1.999	0.120	0.994	1.353	2.118	1.125	-0.229
	5	251	1.969	0.159	0.963	2.703	2.129	1.165	-1.537
	6	154	2.154	0.156	1.098	1.482	2.310	1.212	-0.270
	7	79	2.199	0.324	1.004	1.633	2.523	1.518	-0.115
	>7.5	97	2.256	0.406	1.038	1.424	2.661	1.624	0.200
Total	922	1.912	0.189	0.968	1.710	2.101	1.133	-0.577	

Table 21b. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for hardwood.

Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	31	0.175	0.001	0.138	0.000	0.176	0.038	0.038
	3	26	0.172	0.016	0.158	0.002	0.188	0.029	0.027
	4	50	0.974	0.108	0.223	0.141	1.082	0.859	0.718
	5	54	0.837	0.036	0.349	0.054	0.873	0.524	0.470
	6	32	0.984	0.033	0.279	0.177	1.017	0.738	0.562
	7	17	0.826	0.102	0.131	0.000	0.928	0.797	0.797
	>7.5	21	1.118	0.288	0.008	0.000	1.406	1.398	1.398
	Total	231	0.748	0.072	0.215	0.068	0.820	0.605	0.537
Large	<2.5	23	0.088	0.052	0.176	0.000	0.140	-0.036	-0.036
	3	21	0.318	0.021	0.238	1.583	0.339	0.101	-1.482
	4	40	0.493	0.030	0.324	0.430	0.523	0.199	-0.230
	5	76	0.539	0.022	0.352	0.573	0.561	0.209	-0.364
	6	35	0.737	0.021	0.422	3.099	0.758	0.336	-2.762
	7	20	0.913	0.075	0.259	0.000	0.988	0.729	0.729
	>7.5	29	0.557	0.146	0.104	0.611	0.703	0.599	-0.012
	Total	244	0.531	0.045	0.294	0.902	0.576	0.282	-0.620
Small	<2.5	34	0.205	0.013	0.078	0.090	0.218	0.140	0.050
	3	37	0.371	0.043	0.088	0.106	0.415	0.327	0.221
	4	79	0.809	0.036	0.362	0.685	0.844	0.483	-0.202
	5	121	0.950	0.043	0.468	0.631	0.993	0.525	-0.106
	6	87	1.717	0.085	0.420	0.602	1.801	1.382	0.780
	7	42	1.553	0.087	0.409	0.189	1.641	1.232	1.042
	>7.5	47	1.131	0.116	0.160	0.269	1.247	1.088	0.818
	Total	447	1.045	0.060	0.341	0.471	1.105	0.764	0.294
Total	<2.5	88	0.164	0.019	0.125	0.035	0.183	0.058	0.024
	3	84	0.296	0.029	0.147	0.443	0.325	0.178	-0.265
	4	169	0.783	0.056	0.312	0.464	0.839	0.527	0.064
	5	251	0.801	0.035	0.408	0.489	0.836	0.429	-0.060
	6	154	1.342	0.060	0.391	1.081	1.401	1.010	-0.071
	7	79	1.235	0.087	0.311	0.101	1.322	1.011	0.910
	>7.5	97	0.957	0.162	0.110	0.313	1.119	1.009	0.696
	Total	922	0.835	0.059	0.297	0.484	0.894	0.597	0.113

Table 21c. Central Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood and hardwood.

Softwood and Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	31	0.901	0.133	1.053	0.000	1.034	-0.020	-0.020
	3	26	1.245	0.216	0.839	0.288	1.461	0.622	0.334
	4	50	2.859	0.220	1.333	0.252	3.079	1.747	1.496
	5	54	3.038	0.170	2.021	1.262	3.208	1.187	-0.075
	6	32	3.286	0.218	1.210	0.822	3.504	2.294	1.472
	7	17	3.587	0.618	0.452	0.000	4.205	3.752	3.752
	>7.5	21	2.941	0.512	0.663	0.000	3.453	2.790	2.790
	Total	231	2.577	0.252	1.258	0.496	2.828	1.570	1.075
Large	<2.5	23	0.743	0.225	0.822	0.079	0.968	0.146	0.066
	3	21	2.055	0.141	1.189	3.104	2.196	1.007	-2.097
	4	40	2.839	0.198	1.141	1.089	3.037	1.896	0.806
	5	76	2.206	0.189	0.796	3.976	2.395	1.599	-2.378
	6	35	3.389	0.211	1.133	4.835	3.601	2.467	-2.368
	7	20	3.044	0.585	0.760	0.000	3.628	2.868	2.868
	>7.5	29	3.601	0.755	0.501	0.838	4.356	3.855	3.017
	Total	244	2.563	0.293	0.899	2.485	2.856	1.956	-0.529
Small	<2.5	34	1.164	0.120	0.708	1.312	1.284	0.576	-0.736
	3	37	2.307	0.207	0.942	2.574	2.514	1.572	-1.001
	4	79	2.704	0.136	1.372	3.176	2.839	1.468	-1.708
	5	121	3.006	0.209	1.442	3.561	3.215	1.774	-1.787
	6	87	3.616	0.216	1.734	2.289	3.831	2.097	-0.193
	7	42	3.557	0.244	1.929	3.261	3.802	1.873	-1.388
	>7.5	47	3.094	0.478	1.764	3.067	3.571	1.807	-1.260
	Total	447	2.934	0.222	1.469	2.912	3.156	1.688	-1.225
Total	<2.5	88	0.961	0.152	0.859	0.528	1.113	0.254	-0.274
	3	84	1.916	0.193	0.972	1.999	2.109	1.137	-0.862
	4	169	2.782	0.175	1.306	1.817	2.957	1.652	-0.165
	5	251	2.771	0.195	1.371	3.192	2.965	1.594	-1.598
	6	154	3.496	0.215	1.489	2.563	3.711	2.222	-0.341
	7	79	3.434	0.411	1.316	1.734	3.845	2.529	0.796
	>7.5	97	3.212	0.568	1.148	1.737	3.780	2.632	0.896
Total	922	2.746	0.248	1.265	2.194	2.995	1.729	-0.464	

Table 22. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and cover type.

Softwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	99	2.522	0.187	0.929	0.341	2.709	1.780	1.440
	Mixedwood	88	2.121	0.176	0.748	0.003	2.297	1.549	1.546
	Hardwood	34	0.302	0.051	0.144	0.022	0.353	0.209	0.187
	Total	221	2.021	0.162	0.736	0.157	2.183	1.447	1.289
Large	Softwood	106	2.978	0.227	1.237	1.610	3.205	1.968	0.358
	Mixedwood	69	2.001	0.145	0.798	1.460	2.147	1.348	-0.112
	Hardwood	16	0.677	0.094	0.349	0.008	0.770	0.422	0.414
	Total	191	2.432	0.186	1.004	1.422	2.619	1.614	0.193
Small	Softwood	196	2.874	0.156	1.374	2.559	3.030	1.656	-0.903
	Mixedwood	164	1.826	0.158	1.114	0.677	1.985	0.871	0.194
	Hardwood	58	0.287	0.062	0.070	0.132	0.350	0.279	0.147
	Total	418	2.104	0.144	1.091	1.484	2.248	1.157	-0.327
Total	Softwood	401	2.815	0.183	1.228	1.760	2.997	1.769	0.009
	Mixedwood	321	1.945	0.160	0.946	0.661	2.105	1.160	0.499
	Hardwood	108	0.350	0.063	0.135	0.079	0.413	0.278	0.199
	Total	830	2.157	0.159	0.977	1.116	2.316	1.339	0.223
Hardwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	99	0.194	0.016	0.027	0.003	0.210	0.183	0.181
	Mixedwood	88	0.976	0.047	0.354	0.000	1.023	0.669	0.669
	Hardwood	34	1.478	0.128	0.493	0.399	1.606	1.113	0.714
	Total	221	0.703	0.046	0.229	0.063	0.749	0.519	0.457
Large	Softwood	106	0.243	0.028	0.057	0.070	0.271	0.214	0.144
	Mixedwood	69	0.883	0.039	0.276	0.745	0.922	0.646	-0.098
	Hardwood	16	2.219	0.137	1.271	0.587	2.355	1.084	0.498
	Total	191	0.640	0.041	0.238	0.357	0.681	0.443	0.086
Small	Softwood	196	0.395	0.039	0.059	0.178	0.434	0.375	0.197
	Mixedwood	164	1.234	0.082	0.241	0.285	1.315	1.074	0.789
	Hardwood	58	1.330	0.174	0.437	0.651	1.504	1.067	0.416
	Total	418	0.854	0.074	0.183	0.286	0.928	0.745	0.460
Total	Softwood	401	0.305	0.030	0.051	0.106	0.336	0.285	0.179
	Mixedwood	321	1.088	0.063	0.280	0.306	1.151	0.871	0.565
	Hardwood	108	1.508	0.154	0.578	0.562	1.662	1.084	0.522
	Total	830	0.764	0.059	0.208	0.243	0.823	0.616	0.373
Softwood + Hardwood									
Landowner	Covertypes	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	Softwood	99	2.716	0.203	0.956	0.343	2.919	1.963	1.620
	Mixedwood	88	3.097	0.224	1.102	0.003	3.320	2.218	2.215
	Hardwood	34	1.780	0.179	0.638	0.421	1.959	1.322	0.900
	Total	221	2.724	0.208	0.965	0.220	2.931	1.966	1.746
Large	Softwood	106	3.221	0.254	1.294	1.680	3.476	2.181	0.501
	Mixedwood	69	2.884	0.184	1.074	2.205	3.069	1.995	-0.210
	Hardwood	16	2.895	0.230	1.620	0.594	3.126	1.506	0.912
	Total	191	3.072	0.227	1.242	1.779	3.299	2.057	0.279
Small	Softwood	196	3.269	0.195	1.433	2.736	3.464	2.031	-0.705
	Mixedwood	164	3.060	0.240	1.355	0.962	3.300	1.945	0.983
	Hardwood	58	1.618	0.236	0.507	0.784	1.854	1.346	0.563
	Total	418	2.958	0.218	1.274	1.769	3.176	1.902	0.133
Total	Softwood	401	3.120	0.213	1.279	1.866	3.333	2.054	0.188
	Mixedwood	321	3.032	0.223	1.225	0.967	3.256	2.031	1.064
	Hardwood	108	1.858	0.217	0.713	0.642	2.075	1.362	0.721
	Total	830	2.922	0.217	1.184	1.359	3.139	1.955	0.596

Table 23a. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood.

Softwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	6	0.625	0.149	0.366	0.000	0.774	0.409	0.409
	21-40	23	2.029	0.359	0.230	0.000	2.387	2.157	2.157
	41-60	78	2.347	0.173	0.666	0.432	2.520	1.854	1.422
	61-80	80	1.953	0.116	0.880	0.013	2.070	1.189	1.176
	81-100	29	1.669	0.114	1.018	0.000	1.783	0.765	0.765
	100+	5	1.684	0.111	0.664	0.000	1.795	1.130	1.130
	Total	221	2.021	0.162	0.736	0.157	2.183	1.447	1.289
Large	0-20	12	0.956	0.305	0.223	0.023	1.260	1.037	0.358
	21-40	19	2.970	0.573	0.660	0.003	3.542	2.882	2.879
	41-60	51	2.968	0.189	0.874	0.404	3.157	2.283	1.879
	61-80	62	2.464	0.091	1.260	2.636	2.556	1.296	-1.340
	81-100	35	1.970	0.122	0.761	1.480	2.092	1.332	-0.148
	100+	12	1.963	0.123	2.270	2.970	2.085	-0.185	-3.155
	Total	191	2.432	0.186	1.004	1.422	2.619	1.614	0.193
Small	0-20	28	0.733	0.175	0.072	0.000	0.908	0.837	0.837
	21-40	44	2.082	0.237	0.588	0.178	2.319	1.732	1.553
	41-60	173	2.429	0.136	1.297	1.723	2.565	1.268	-0.455
	61-80	120	1.937	0.122	1.326	1.488	2.058	0.732	-0.756
	81-100	39	1.964	0.119	0.978	2.442	2.082	1.104	-1.338
	100+	14	2.728	0.149	0.468	2.893	2.877	2.409	-0.485
	Total	418	2.104	0.144	1.091	1.484	2.248	1.157	-0.327
Total	0-20	47	0.772	0.204	0.181	0.853	0.976	0.795	-0.058
	21-40	86	2.264	0.344	0.508	0.092	2.608	2.100	2.008
	41-60	302	2.499	0.154	1.063	1.167	2.653	1.591	0.424
	61-80	261	2.072	0.113	1.173	1.161	2.185	1.013	-0.148
	81-100	103	1.883	0.118	0.915	1.428	2.001	1.086	-0.341
	100+	31	2.263	0.133	1.198	2.456	2.396	1.198	-1.258
	Total	830	2.157	0.159	0.977	1.116	2.316	1.339	0.223

Table 23b. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for hardwood.

Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	6	0.967	0.054	1.270	0.000	1.021	-0.248	-0.248
	21-40	23	0.811	0.138	0.169	0.000	0.948	0.780	0.780
	41-60	78	0.670	0.051	0.075	0.003	0.722	0.646	0.643
	61-80	80	0.736	0.023	0.273	0.170	0.759	0.486	0.317
	81-100	29	0.620	0.026	0.371	0.000	0.646	0.275	0.275
	100+	5	0.350	0.000	0.139	0.000	0.350	0.211	0.211
	Total	221	0.703	0.046	0.229	0.063	0.749	0.519	0.457
Large	0-20	12	0.358	0.081	0.357	0.000	0.439	0.082	-0.082
	21-40	19	0.545	0.166	0.026	0.000	0.711	0.685	0.685
	41-60	51	0.821	0.044	0.383	0.343	0.865	0.481	0.139
	61-80	62	0.592	0.016	0.141	0.358	0.608	0.467	0.108
	81-100	35	0.643	0.011	0.251	0.780	0.653	0.402	-0.378
	100+	12	0.542	0.008	0.292	0.101	0.549	0.258	0.157
	Total	191	0.640	0.041	0.238	0.357	0.681	0.443	0.086
Small	0-20	28	0.273	0.104	0.000	0.000	0.378	0.378	0.378
	21-40	44	0.949	0.197	0.088	0.022	1.146	1.058	1.036
	41-60	173	0.931	0.072	0.167	0.286	1.002	0.835	0.549
	61-80	120	0.946	0.043	0.205	0.366	0.989	0.785	0.419
	81-100	39	0.655	0.043	0.434	0.273	0.698	0.264	-0.010
	100+	14	0.535	0.015	0.153	1.030	0.550	0.397	-0.633
	Total	418	0.854	0.074	0.183	0.286	0.928	0.745	0.460
Total	0-20	47	0.378	0.090	0.253	0.026	0.467	0.214	0.189
	21-40	86	0.823	0.174	0.096	0.011	0.997	0.901	0.890
	41-60	302	0.845	0.062	0.180	0.223	0.906	0.726	0.504
	61-80	261	0.801	0.031	0.211	0.301	0.832	0.621	0.320
	81-100	103	0.641	0.027	0.354	0.369	0.668	0.314	-0.055
	100+	31	0.508	0.010	0.204	0.504	0.518	0.313	-0.191
	Total	830	0.764	0.059	0.208	0.243	0.823	0.616	0.373

Table 23c. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/yr by landowner and age class for softwood and hardwood.

Softwood + Hardwood									
Landowner	Age Class	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	0-20	6	1.592	0.204	1.635	0.000	1.796	0.161	0.161
	21-40	23	2.839	0.496	0.399	0.000	3.335	2.937	2.937
	41-60	78	3.017	0.224	0.741	0.436	3.242	2.501	2.065
	61-80	80	2.689	0.139	1.153	0.183	2.829	1.675	1.493
	81-100	29	2.289	0.140	1.388	0.000	2.429	1.041	1.041
	100+	5	2.034	0.111	0.803	0.000	2.145	1.342	1.342
	Total	221	2.724	0.208	0.965	0.220	2.931	1.966	1.746
Large	0-20	12	1.314	0.386	0.580	0.002	1.699	1.119	1.117
	21-40	19	3.515	0.738	0.687	0.003	4.253	3.567	3.564
	41-60	51	3.789	0.233	1.258	0.746	4.022	2.764	2.018
	61-80	62	3.057	0.107	1.402	2.994	3.164	1.762	-1.232
	81-100	35	2.613	0.132	1.012	2.260	2.745	1.733	-0.526
	100+	12	2.504	0.130	2.562	3.071	2.635	0.073	-2.998
	Total	191	3.072	0.227	1.242	1.779	3.299	2.057	0.279
Small	0-20	28	1.007	0.279	0.072	0.000	1.286	1.214	1.214
	21-40	44	3.030	0.435	0.676	0.200	3.465	2.790	2.590
	41-60	173	3.359	0.208	1.464	2.009	3.567	2.103	0.094
	61-80	120	2.882	0.165	1.531	1.853	3.048	1.517	-0.336
	81-100	39	2.619	0.161	1.412	2.716	2.780	1.368	-1.348
	100+	14	3.263	0.164	0.621	3.924	3.427	2.806	-1.118
	Total	418	2.958	0.218	1.274	1.769	3.176	1.902	0.133
Total	0-20	47	1.150	0.294	0.434	0.879	1.443	1.009	0.131
	21-40	86	3.086	0.518	0.604	0.103	3.605	3.001	2.898
	41-60	302	3.344	0.216	1.243	1.389	3.560	2.317	0.928
	61-80	261	2.874	0.144	1.384	1.461	3.017	1.633	0.172
	81-100	103	2.524	0.145	1.269	1.796	2.669	1.400	-0.396
	100+	31	2.771	0.142	1.402	2.961	2.914	1.512	-1.449
	Total	830	2.922	0.217	1.184	1.359	3.139	1.955	0.596

Table 24a. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood.

Softwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	28	0.803	0.185	0.411	0.063	0.988	0.577	0.514
	3	30	1.076	0.078	1.062	0.000	1.154	0.092	0.092
	4	38	1.261	0.150	0.929	0.008	1.411	0.481	0.474
	5	57	2.152	0.249	0.589	0.013	2.401	1.812	1.799
	6	35	3.129	0.189	0.687	0.000	3.318	2.631	2.631
	7	21	3.511	0.067	1.031	0.000	3.578	2.548	2.548
	>7.5	12	3.170	0.027	0.396	2.662	3.197	2.801	0.139
	Total	221	2.021	0.162	0.736	0.157	2.183	1.447	1.289
Large	<2.5	12	0.860	0.131	1.012	0.305	0.990	-0.022	-0.327
	3	29	2.056	0.181	1.565	0.247	2.237	0.672	0.425
	4	39	2.388	0.231	0.832	0.844	2.619	1.787	0.943
	5	45	2.661	0.114	0.982	3.130	2.775	1.794	-1.336
	6	35	2.827	0.240	1.130	0.940	3.067	1.936	0.996
	7	18	2.871	0.194	0.313	0.483	3.065	2.752	2.270
	>7.5	13	2.397	0.207	0.959	3.488	2.604	1.645	-1.843
	Total	191	2.432	0.186	1.004	1.422	2.619	1.614	0.193
Small	<2.5	34	0.778	0.116	0.769	0.447	0.894	0.126	-0.321
	3	47	1.441	0.132	0.702	1.611	1.573	0.871	-0.741
	4	88	1.751	0.144	0.807	1.261	1.895	1.087	-0.174
	5	97	2.282	0.154	1.019	2.473	2.436	1.416	-1.056
	6	74	2.514	0.148	1.319	1.587	2.662	1.344	-0.243
	7	34	2.885	0.113	1.518	1.163	2.998	1.480	0.318
	>7.5	44	2.857	0.176	1.770	0.489	3.033	1.263	0.774
	Total	418	2.104	0.144	1.091	1.484	2.248	1.157	-0.327
Total	<2.5	74	0.801	0.145	0.673	0.279	0.945	0.273	-0.006
	3	106	1.506	0.130	1.040	0.782	1.636	0.596	-0.186
	4	165	1.789	0.166	0.841	0.874	1.954	1.113	0.239
	5	199	2.331	0.172	0.887	1.917	2.502	1.615	-0.302
	6	144	2.740	0.180	1.119	1.044	2.920	1.801	0.757
	7	73	3.062	0.120	1.081	0.660	3.182	2.101	1.441
	>7.5	69	2.825	0.156	1.378	1.432	2.981	1.602	0.171
Total	830	2.157	0.159	0.977	1.116	2.316	1.339	0.223	

Table 24b. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for hardwood.

Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	28	0.246	0.025	0.091	0.009	0.272	0.180	0.171
	3	30	0.457	0.063	0.251	0.000	0.519	0.268	0.268
	4	38	0.664	0.037	0.102	0.000	0.700	0.598	0.598
	5	57	0.716	0.033	0.247	0.238	0.749	0.502	0.264
	6	35	0.836	0.036	0.286	0.000	0.871	0.586	0.586
	7	21	1.147	0.076	0.433	0.000	1.223	0.791	0.791
	>7.5	12	1.285	0.115	0.299	0.000	1.400	1.102	1.102
	Total	221	0.703	0.046	0.229	0.063	0.749	0.519	0.457
Large	<2.5	12	0.245	0.018	0.133	0.072	0.263	0.130	0.058
	3	29	0.502	0.017	0.160	0.336	0.519	0.360	0.023
	4	39	0.468	0.044	0.420	0.503	0.511	0.091	-0.412
	5	45	0.483	0.014	0.186	0.575	0.498	0.312	-0.263
	6	35	0.923	0.067	0.092	0.100	0.990	0.898	0.798
	7	18	1.004	0.085	0.204	0.000	1.088	0.884	0.884
	>7.5	13	1.104	0.067	0.580	0.662	1.171	0.591	-0.071
	Total	191	0.640	0.041	0.238	0.357	0.681	0.443	0.086
Small	<2.5	34	0.404	0.072	0.093	0.168	0.476	0.383	0.215
	3	47	0.533	0.048	0.285	0.223	0.581	0.297	0.074
	4	88	0.642	0.051	0.230	0.458	0.693	0.463	0.006
	5	97	0.860	0.059	0.150	0.272	0.919	0.769	0.498
	6	74	1.076	0.085	0.182	0.337	1.161	0.979	0.642
	7	34	1.220	0.085	0.243	0.000	1.305	1.062	1.062
	>7.5	44	1.299	0.157	0.077	0.266	1.456	1.379	1.113
	Total	418	0.854	0.074	0.183	0.286	0.928	0.745	0.460
Total	<2.5	74	0.319	0.046	0.099	0.093	0.364	0.265	0.173
	3	106	0.503	0.044	0.241	0.191	0.547	0.306	0.115
	4	165	0.606	0.046	0.245	0.363	0.652	0.406	0.043
	5	199	0.733	0.042	0.186	0.331	0.775	0.589	0.259
	6	144	0.980	0.069	0.185	0.197	1.049	0.864	0.667
	7	73	1.146	0.082	0.288	0.000	1.228	0.940	0.940
	>7.5	69	1.260	0.133	0.210	0.294	1.393	1.182	0.888
Total	830	0.764	0.059	0.208	0.243	0.823	0.616	0.373	

Table 24c. Western Nova Scotia 10 year, ending in 2005, periodic annual increment in merchantable m³/ha/year by landowner and land capability for softwood and hardwood.

Softwood and Hardwood									
Landowner	Land Capability	Plots	Accretion	Ingrowth	Mortality	Harvest	Gross Growth	Net Growth	Net Change
Crown	<2.5	28	1.049	0.211	0.502	0.072	1.259	0.757	0.685
	3	30	1.532	0.141	1.313	0.000	1.673	0.360	0.360
	4	38	1.924	0.187	1.031	0.008	2.111	1.080	1.072
	5	57	2.868	0.282	0.835	0.251	3.149	2.314	2.063
	6	35	3.964	0.225	0.972	0.000	4.189	3.217	3.217
	7	21	4.658	0.143	1.463	0.000	4.801	3.338	3.338
	>7.5	12	4.455	0.142	0.694	2.662	4.597	3.903	1.241
	Total	221	2.724	0.208	0.965	0.220	2.931	1.966	1.746
Large	<2.5	12	1.105	0.148	1.145	0.377	1.253	0.108	-0.269
	3	29	2.558	0.198	1.725	0.583	2.757	1.032	0.449
	4	39	2.856	0.275	1.252	1.347	3.130	1.878	0.531
	5	45	3.144	0.129	1.167	3.705	3.273	2.106	-1.599
	6	35	3.749	0.307	1.222	1.040	4.056	2.834	1.794
	7	18	3.875	0.279	0.517	0.483	4.154	3.636	3.154
	>7.5	13	3.501	0.274	1.539	4.150	3.775	2.236	-1.914
	Total	191	3.072	0.227	1.242	1.779	3.299	2.057	0.279
Small	<2.5	34	1.183	0.188	0.861	0.615	1.370	0.509	-0.106
	3	47	1.974	0.180	0.987	1.834	2.154	1.167	-0.667
	4	88	2.393	0.195	1.037	1.719	2.588	1.551	-0.168
	5	97	3.142	0.213	1.169	2.744	3.355	2.186	-0.558
	6	74	3.590	0.233	1.501	1.923	3.823	2.323	0.399
	7	34	4.105	0.199	1.761	1.163	4.304	2.542	1.380
	>7.5	44	4.156	0.333	1.847	0.755	4.489	2.642	1.887
	Total	418	2.958	0.218	1.274	1.769	3.176	1.902	0.133
Total	<2.5	74	1.119	0.190	0.772	0.371	1.309	0.538	0.167
	3	106	2.009	0.174	1.281	0.973	2.183	0.902	-0.071
	4	165	2.394	0.212	1.087	1.237	2.606	1.520	0.283
	5	199	3.064	0.213	1.073	2.247	3.277	2.204	-0.043
	6	144	3.720	0.249	1.304	1.241	3.969	2.664	1.423
	7	73	4.208	0.202	1.369	0.660	4.410	3.041	2.381
	>7.5	69	4.084	0.289	1.589	1.726	4.373	2.785	1.058
Total	830	2.922	0.217	1.184	1.359	3.139	1.955	0.596	

Forest Inventory Section

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