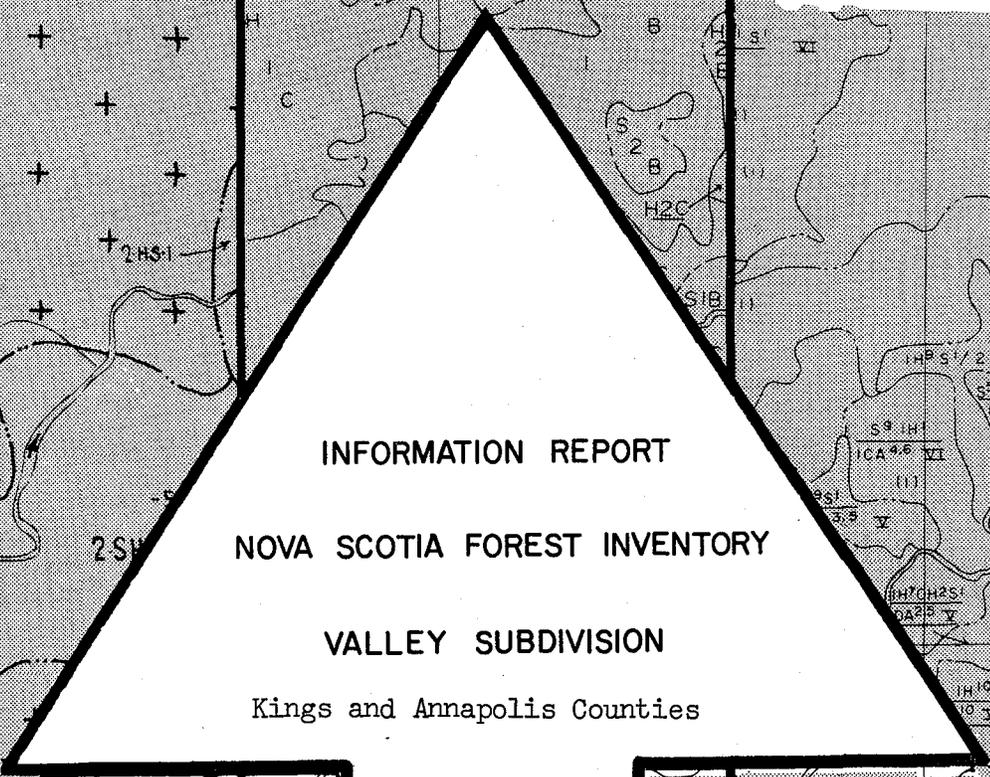


Nova Scotia -  
Forest Inventory  
23201



INFORMATION REPORT  
NOVA SCOTIA FOREST INVENTORY  
VALLEY SUBDIVISION  
Kings and Annapolis Counties

3 HS-2

1978

With Comparisons to 1956, 1969 Inventories

2SH-1

3SH-2



Compiled By  
Forest Planning Division  
Nova Scotia Dept. of Lands & Forests  
April 1979

INFORMATION REPORT

NOVA SCOTIA FOREST INVENTORY

VALLEY SUBDIVISION

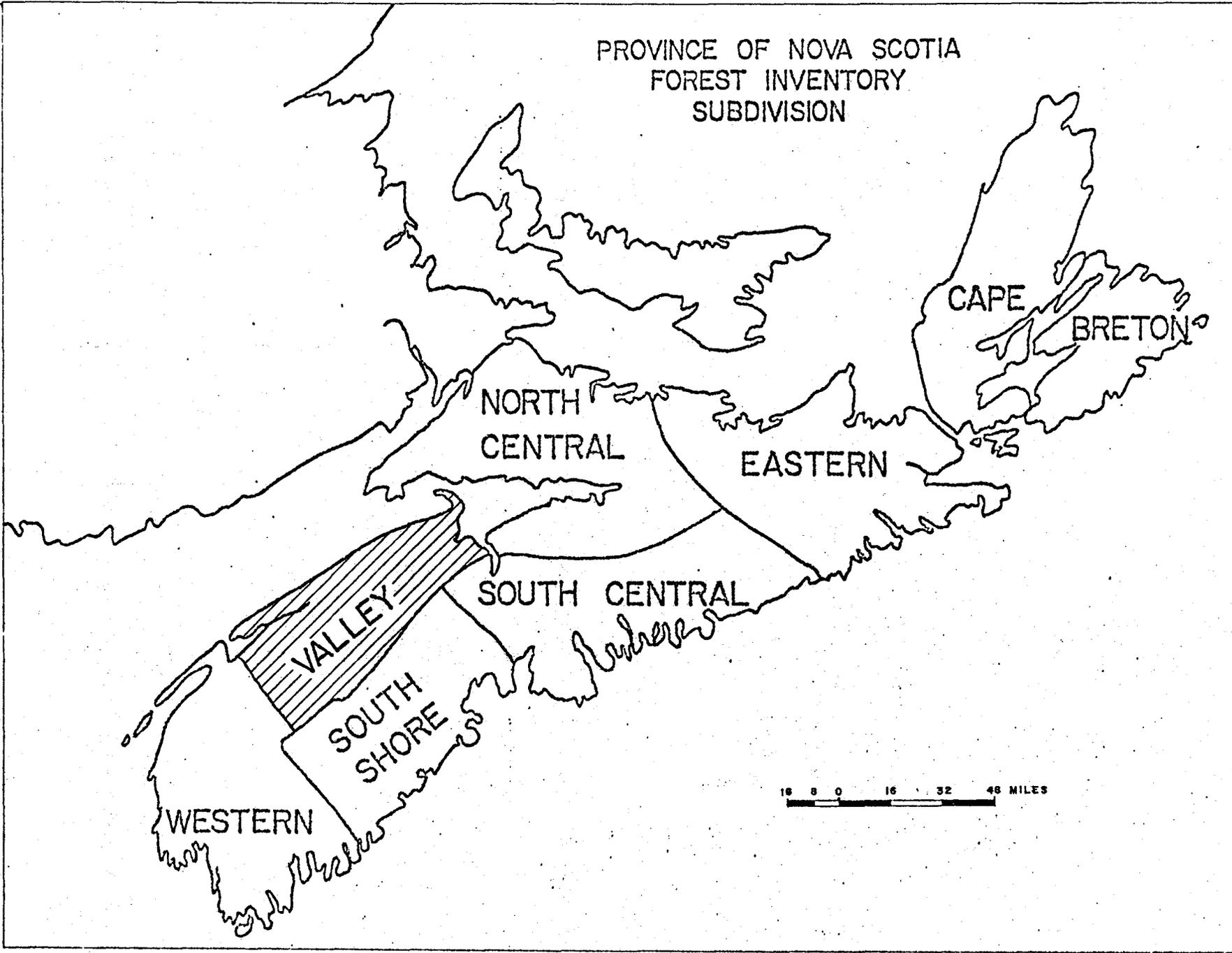
(Kings and Annapolis Counties)

1978

With Comparison to 1956, 1969 Inventories

Nova Scotia Department of Lands and Forests  
Forest Planning Division  
March 1979

PROVINCE OF NOVA SCOTIA  
FOREST INVENTORY  
SUBDIVISION



16 32 48 MILES

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## INTRODUCTION

The attached tables are summaries of the data obtained for Sub-division IV (Valley) from 1978 field work.

In 1978, the field work was done in metric (SI) units.

The sampling method is exactly the same as it has been since 1965, with the exception of changing of units of measurement for diameters, heights, volumes and areas.

This data is only a small portion of the data available; any other data requests should be directed to Manager, Forest Inventory, P. O. Box 68, Truro, N. S. B2N 5B8.

This report also gives tables showing the comparisons between the 1969 and 1978 data, and in some cases back to 1956 inventory. Again, many more comparisons are possible and, as above, this data can be supplied for anyone wishing to make other comparisons.

This data, in a more summarized form, will be published in the near future. This report is meant to provide data for the technical and professional user.

The additional data available from the 1969 inventory can be provided in the form of the table labelled Exhibit I and for 1978 in the format of Exhibit II. The data in these forms are available in any combination of the following:

### 1965 - 71 Data

Subdivision 1 - 7

Counties within each Subdivision

Municipalities within each County

Cover - Softwood, Mixedwood, Hardwood

Density - up to 40%, 41 - 60%, 61 - 80%, 81 - 100%, Overstocked

Height - up to 15', 16 - 30', 31 - 50', 51' +, All Heights  
 Site Quality - I, II, III, IV, V  
 Age Class - up to 20 years, 21 - 40, 41 - 60, 81 - 100, 101 +,  
                   Uneven Age  
 Ownership - Crown, Large, Small, Federal  
 Age Cut - 1 - 9  
 Type Cut - Partial, Clear  
 Aspect - Level, N.E., S.E., S.W., N.W., Quadrant  
 Drainage - Well Drained, Imperfectly Drained, Poorly Drained  
 Elevation - 200' classes

1976 - 1981 Data

Subdivisions as available  
 Counties within each Subdivision  
 Municipalities within each County  
 Cover - Softwood, Mixedwood, Hardwood  
 Crown Closure - up to 40%, 41 - 60%, 61 - 100%  
 Height Class - up to 5m, 6 - 9m, 10 - 12m, 13 - 15m, 16m +,  
                   all heights  
 Estimate Volume/Hectare - less than 40m<sup>3</sup>/ha, 41 - 80m<sup>3</sup>/ha,  
                                   81 - 120m<sup>3</sup>/ha, 121 - 160m<sup>3</sup>/ha,  
                                   161 + m<sup>3</sup>/ha  
 Size Class Distribution % in 10 - 14cm D.B.H. class  
                                   % in 16 - 20cm D.B.H. class  
                                   % in 22cm + D.B.H. class  
 Forest Capability - 7.7 + m<sup>3</sup>/ha/yr (MAI) I  
                           6.3 - 7.6m<sup>3</sup>/ha/yr (MAI) II  
                           5.0 - 6.2m<sup>3</sup>/ha/yr (MAI) III  
                           3.5 - 4.9m<sup>3</sup>/ha/yr (MAI) IV  
                           2.2 - 3.4m<sup>3</sup>/ha/yr (MAI) V  
                           up to 2.1m<sup>3</sup>/ha/yr (MAI) VI  
 Stand Improvement (Crown Land Only)  
                           No Classification, Site Preparation, Planting,  
                           Cleaning, Conversion Cutting, Salvage Cutting,  
                           Cut-Over Clearing.  
 Age Class - up to 20 years, 21 - 40, 41 - 60, 61 - 80, 81 - 100,  
                   100 +, Uneven Aged

Density Class - up to 40%, 41 - 60%, 61 - 80%, 81 - 100%, Overstocked

Age Cut - 1 - 9

Type Cut - Clear Cut, Partial

Ownership - Crown, Large, Small, Federal

Eco Zone - Loucks' Eco Region - Site Districts

Aspect - Level, N.E., S.E., S.W., N.W., Quadrants

Drainage - Well Drained, Imperfectly Drained, Poorly Drained

Elevation 60m classes

Any of this data or combination thereof, would be generally available within 24 hours after requested.

It is also possible to compile inventory data by specifying cruise line numbers plus any other above data or combination thereof. This allows making estimates on areas not covered by other geographical divisions listed above. This technique, using more than 12 cruise line numbers, has not been tested at time of printing and may not be available immediately. The output would be as per Exhibit 1 or II.

The sampling method is the same as that described in any of the reports published for data gathered 1965 - 71.

Hectares are considered forested unless otherwise labelled.

Gross Volume is solid wood from ground level to the tip of the tree, exclusive of bark.

Gross Merchantable Volume is solid wood from stump height to top merchantable diameter of 10cm exclusive of top, bark and stump.

Crownland - Land owned by the Provincial Government.

Large - Those owning 400 hectares or more.

Small - Those owning less than 400 hectares.

Softwood Cover - less than 25% hardwood species by volume.

Mixedwood Cover - 26 - 74% hardwood species by volume.

Hardwood Cover - more than 75% hardwood species by volume.

Some of the comparison shown in this report show some rather large fluctuations and when using this data the reader has to take into consideration the fact that the further the data is subdivided, the less and less reliable the figures become, and as such some of the comparisons show a great change in magnitude. This may be due to sampling variation and not due to a significant change in that part of the resource.

Exhibit I

TEMPORARY SAMPLE PLOT SEARCH PROGRAM

REQUEST 01

GROSS VOLUME (CU.FT./ACRE)

GROSS MERCHANTABLE VOLUME (CU.FT./ACRE)

D.B.H.

D.B.H.

SPECIES	GROSS VOLUME (CU.FT./ACRE)					GROSS MERCHANTABLE VOLUME (CU.FT./ACRE)					TOTAL					
	4	5	6	7	8	9	10+	TOTAL	4	5		6	7	8	9	10+
WHITE SPRUCE	3.9	2.3	1.4	0.0	0.0	0.0	0.0	0.0	7.6	2.2	1.0	0.0	0.0	0.0	0.0	4.9
RED & BLACK SPRUCE	1.5	0.0	3.1	0.0	0.0	0.0	0.0	0.0	4.7	0.7	2.5	0.0	0.0	0.0	0.0	3.2
FIR	35.4	27.1	60.5	36.7	34.3	26.8	29.7	29.7	250.4	21.2	50.0	31.4	30.8	24.1	27.6	206.3
HEMLOCK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WHITE PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LARCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JACK PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SCOTCH PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEDAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOFTWOOD	40.9	29.4	64.9	36.7	34.3	26.8	29.7	29.7	262.7	24.1	53.6	31.4	30.8	24.1	27.6	214.5
SUGAR MAPLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RED MAPLE	0.0	0.0	1.5	2.1	0.0	0.0	0.0	0.0	3.5	0.0	1.1	0.0	0.0	0.0	0.0	2.8
YELLOW BIRCH	0.0	0.0	0.0	0.0	0.0	7.7	11.1	11.1	18.8	0.0	0.0	0.0	0.0	6.6	10.0	16.6
WHITE BIRCH	0.5	0.0	0.0	2.1	2.9	0.0	0.0	0.0	5.5	0.3	0.0	1.7	2.4	0.0	0.0	4.5
OAK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASPEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GREY BIRCH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WHITE ASH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BLACK ASH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHERRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ELM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEICH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BALSAM POPLAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MISCELLANEOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HARDWOOD	0.5	0.0	1.5	4.2	2.9	7.7	11.1	11.1	27.8	0.3	1.1	3.5	2.4	6.6	10.0	23.9
TOTAL	41.5	29.4	66.4	40.8	37.2	34.5	40.8	40.8	290.6	24.4	54.6	34.9	33.3	30.7	37.6	238.4

REQUEST 0.

## GROSS VOLUME (THOUSAND CUBIC FEET)

## GROSS MERCHANTABLE VOLUME (THOUSAND CU. FT.)

SPECIES	D.B.H.			TOTAL	D.B.H.			TOTAL
	4 - 6	7 - 9	10+		4 - 6	7 - 9	10+	
WHITE SPRUCE	23.	0.	0.	23.	14.	0.	0.	15.
RED & BLACK SPRUCE	13.	0.	0.	14.	9.	0.	0.	9.
TIR	376.	299.	91.	769.	282.	264.	84.	634.
HEMLOCK	0.	0.	0.	0.	0.	0.	0.	0.
WHITE PINE	0.	0.	0.	0.	0.	0.	0.	0.
RED PINE	0.	0.	0.	0.	0.	0.	0.	0.
LARCH	0.	0.	0.	0.	0.	0.	0.	0.
JACK PINE	0.	0.	0.	0.	0.	0.	0.	0.
SCOTCH PINE	0.	0.	0.	0.	0.	0.	0.	0.
CEDAR	0.	0.	0.	0.	0.	0.	0.	0.
SOFTWOOD	414.	299.	91.	807.	308.	264.	84.	659.
SUGAR MAPLE	0.	0.	0.	0.	0.	0.	0.	0.
RED MAPLE	4.	6.	0.	10.	3.	5.	0.	8.
YELLOW BIRCH	0.	23.	34.	57.	0.	20.	30.	50.
WHITE BIRCH	1.	14.	0.	16.	0.	12.	0.	13.
PAK	0.	0.	0.	0.	0.	0.	0.	0.
ASPEN	0.	0.	0.	0.	0.	0.	0.	0.
GREY BIRCH	0.	0.	0.	0.	0.	0.	0.	0.
WHITE ASH	0.	0.	0.	0.	0.	0.	0.	0.
BLACK ASH	0.	0.	0.	0.	0.	0.	0.	0.
CHERRY	0.	0.	0.	0.	0.	0.	0.	0.
ELM	0.	0.	0.	0.	0.	0.	0.	0.
BEECH	0.	0.	0.	0.	0.	0.	0.	0.
BALSAM POPLAR	0.	0.	0.	0.	0.	0.	0.	0.
MISCELLANEOUS	0.	0.	0.	0.	0.	0.	0.	0.
HARDWOOD	5.	43.	34.	85.	3.	37.	30.	73.
TOTAL	421.	344.	125.	893.	312.	303.	115.	732.

REQUEST 01

GROSS VOLUME / ACRE

AREA 3074. ACRES

ERROR EST. IN PERCENT

	MEAN	S.E.	2/1 ODDS	9/1 ODDS
SOFTWOOD	262.7	59.4	24.6	40.6
HARDWOOD	27.8	14.8	58.0	95.8
TOTAL	290.6	65.2	24.6	40.3

## EXHIBIT 2

10/10/78

## TEMPORARY SAMPLE PLOT SEARCH PROGRAM

PAGE 2

## REQUEST 01

## GROSS VOLUME (CU.M./HECTARE)

## GROSS MERCHANTABLE VOLUME (CU.M./HECTARE)

D.B.H.

D.B.H.

SPECIES	GROSS VOLUME (CU.M./HECTARE)								GROSS MERCHANTABLE VOLUME (CU.M./HECTARE)							
	10	12	14	16	18	20	22+	TOTAL	10	12	14	16	18	20	22+	TOTAL
WHITE SPRUCE	0.1	0.1	0.3	0.2	0.3	0.2	1.8	3.1	0.0	0.1	0.2	0.2	0.3	0.2	1.6	2.6
RED & BLACK SPRUCE	1.8	2.4	3.1	3.3	2.9	2.8	13.8	30.1	1.2	1.9	2.3	2.7	2.5	2.4	12.4	25.4
FIR	1.7	2.0	2.1	2.4	2.0	2.0	6.8	19.0	1.1	1.2	1.8	1.9	1.7	1.7	6.1	15.6
HEMLOCK	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
WHITE PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8
RED PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
LARCH	0.1	0.1	0.1	0.1	0.1	0.1	0.6	1.2	0.0	0.1	0.1	0.1	0.1	0.1	0.5	1.0
JACK PINE	0.0	0.1	0.1	0.1	0.2	0.3	0.9	1.6	0.0	0.0	0.1	0.1	0.1	0.2	0.8	1.4
SCOTCH PINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CEDAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOFTWOOD	3.7	4.8	5.7	6.2	5.5	5.4	25.2	56.5	2.4	3.4	4.5	5.1	4.7	4.7	22.7	47.5
SUGAR MAPLE	0.4	0.6	0.7	0.8	0.7	0.6	3.2	6.9	0.1	0.4	0.5	0.6	0.6	0.5	2.9	5.5
RED MAPLE	0.6	1.0	1.0	0.9	0.9	0.8	3.7	8.9	0.2	0.6	0.7	0.8	0.8	0.7	3.3	7.0
YELLOW BIRCH	0.1	0.2	0.2	0.4	0.2	0.3	2.7	4.2	0.0	0.1	0.1	0.3	0.2	0.3	2.5	3.5
WHITE BIRCH	0.3	0.4	0.5	0.5	0.3	0.2	0.6	2.7	0.1	0.3	0.3	0.4	0.2	0.2	0.5	2.0
OAK	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
ASPEN	0.1	0.1	0.2	0.1	0.1	0.2	0.6	1.4	0.1	0.1	0.1	0.1	0.1	0.1	0.6	1.3
GREY BIRCH	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
WHITE ASH	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
BLACK ASH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHERRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ELM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEECH	0.1	0.1	0.1	0.1	0.1	0.1	0.5	1.1	0.0	0.1	0.1	0.1	0.1	0.1	0.4	0.9
BALSAM POPLAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MISCELLANEOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HARDWOOD	1.8	2.6	2.7	3.0	2.4	2.2	11.5	26.2	0.6	1.5	1.9	2.4	2.1	1.9	10.4	20.8
TOTAL	5.5	7.3	8.4	9.2	8.0	7.7	36.7	82.7	3.0	4.9	6.5	7.5	6.8	6.5	33.1	68.3

10/10/78

## TEMPORARY SAMPLE PLOT SEARCH PROGRAM

PAGE 3

REQUEST 01

GROSS VOLUME (THOUSAND CU. M.)

GROSS MERCHANTABLE VOLUME (THOUSAND CU. M.)

D.B.H.

D.B.H.

SPECIES	GROSS VOLUME (THOUSAND CU. M.)				GROSS MERCHANTABLE VOLUME (THOUSAND CU. M.)			
	10-14	16-20	22+	TOTAL	10-14	16-20	22+	TOTAL
WHITE SPRUCE	40.	65.	153.	262.	27.	55.	140.	225.
RED & BLACK SPRUCE	625.	765.	1178.	2571.	466.	641.	1062.	2172.
FIR	497.	543.	581.	1624.	353.	456.	521.	1334.
HEMLOCK	1.	5.	34.	43.	0.	4.	31.	38.
WHITE PINE	1.	6.	62.	71.	1.	4.	58.	66.
RED PINE	0.	1.	14.	16.	0.	0.	13.	15.
LARCH	20.	28.	48.	99.	15.	23.	43.	84.
JACK PINE	15.	46.	73.	136.	11.	38.	65.	117.
SCOTCH PINE	0.	0.	0.	0.	0.	0.	0.	0.
CEDAR	0.	0.	0.	0.	0.	0.	0.	0.
<b>SOFTWOOD</b>	<b>1207.</b>	<b>1469.</b>	<b>2147.</b>	<b>4826.</b>	<b>882.</b>	<b>1233.</b>	<b>1937.</b>	<b>4054.</b>
SUGAR MAPLE	146.	171.	271.	591.	84.	140.	245.	472.
RED MAPLE	219.	223.	318.	763.	127.	183.	285.	598.
YELLOW BIRCH	41.	83.	231.	354.	23.	67.	209.	302.
WHITE BIRCH	96.	84.	51.	233.	55.	68.	44.	171.
OAK	0.	0.	5.	6.	0.	0.	5.	5.
ASPEN	30.	37.	51.	121.	23.	32.	48.	106.
GREY BIRCH	28.	4.	0.	35.	13.	4.	0.	19.
WHITE ASH	1.	5.	12.	21.	0.	4.	11.	17.
BLACK ASH	0.	0.	0.	0.	0.	0.	0.	0.
CHERRY	0.	0.	0.	0.	0.	0.	0.	0.
ELM	0.	0.	0.	0.	0.	0.	0.	0.
BEECH	25.	31.	38.	96.	14.	25.	34.	75.
BALSAM POPLAR	0.	0.	0.	0.	0.	0.	0.	0.
MISCELLANEOUS	0.	0.	1.	4.	0.	0.	1.	3.
<b>HARDWOOD</b>	<b>600.</b>	<b>648.</b>	<b>984.</b>	<b>2235.</b>	<b>350.</b>	<b>536.</b>	<b>887.</b>	<b>1775.</b>
<b>TOTAL</b>	<b>1808.</b>	<b>2118.</b>	<b>3131.</b>	<b>7061.</b>	<b>1232.</b>	<b>1770.</b>	<b>2825.</b>	<b>5829.</b>

10/10/78

TEMPORARY SAMPLE PLOT SEARCH PROGRAM

PAGE 4

REQUEST 01

GROSS VOLUME / HECTARE

AREA 85382. HECTARES

ERROR EST. IN PERCENT

	MEAN	S.E.	2/1 ODDS	9/1 ODDS
SOFTWOOD	56.5	4.7	8.5	13.5
HARDWOOD	26.2	3.2	12.8	20.2
TOTAL	82.7	4.8	6.1	9.6

NORMAL END OF JOB

## LOCAL VOLUME TABLES

METHOD OF CONSTRUCTION

Local volume tables were produced from the sample tree data collected at five points along each cruise line. From this data three height - diameter curves for each species group were calculated using Height/Log Diameter and SPSS statistics package at Dalhousie Computer Centre.

The regressions provided values for total height, merchantable height and stump height. These values were then inserted into Honer's Formula to obtain gross and gross merchantable volumes.

Honer's Formula for gross volume (cubic metres):

$$\text{Gross Volume} = \frac{0.004\ 389\ 13}{a + \frac{b}{3.280\ 84H}} [\text{dbh} (1 - 0.043\ 649\ 95t)]^2$$

where, dbh = DBHob at 1.3m

H = total height

a and b = constants for each species group

Honer's Formula for gross merchantable volume (cubic metres):

Gross Merchantable Volume =

$$\text{Gross Volume} [A(X_1 - X_{12}) + C(X_1^2 - X_{12}^2)]$$

where  $X_1 = \frac{\text{merchantable height}}{\text{total height}}$

$X_{12} = \frac{\text{stump height}}{\text{total height}}$

A and C = constants for each species group

"Gross Volume" is defined as solid cubic contents from ground level to tip of tree, excluding bark. "Gross Merchantable Volume" is always gross merchantable and means solid cubic contents, excluding bark, from stump height to a minimum top diameter of 10 cm outside bark (or larger if deformity or damage reduces the merchantable length).

Using Honer's Formula with the regression values from sample plot data, individual Tree Volume Tables for each species group were produced. These tables follow.

## CONSTANTS FOR HONER'S METRIC FORMULA

Species Group	a	b	t	A	C
White Spruce	1.440	+342.175	+0.176	2.1158	-1.1419
Spruce (red, black, jack pine, larch)	+1.226	+315.832	+0.169	2.1158	-1.1419
Fir	+2.139	+301.634	+0.152	2.1158	-1.1419
Hemlock, Cedar	+1.112	+350.099	+0.184	2.1158	-1.1419
Pine(white, red, scotch)	0.691	+363.676	+0.184	2.1158	-1.1419
Hardwood except Aspen, Balsam Poplar	+1.046	+383.972	+0.181	2.2378	-1.2290
Aspen & Balsam Poplar	-0.312	+436.683	+0.127	2.2378	-1.2290

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

White Spruce

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.023	.010
12	.040	.026
14	.062	.044
16	.090	.069
18	.123	.099
20	.163	.135
22	.208	.175
24	.260	.223
26	.317	.276
28	.381	.334
30	.451	.398
32	.527	.469
34	.608	.546
36	.700	.631
38	.796	.720
40	.900	.817
42	1.011	.910
44	1.126	1.016
46	1.253	1.135
48	1.383	1.256
50	1.520	1.384
52	1.665	1.520
54	1.819	1.663
56	1.980	1.815
58	2.150	1.971
60	2.320	2.133

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

Spruce (red & black) Larch, Jack Pine

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.027	.013
12	.045	.030
14	.069	.050
16	.099	.077
18	.134	.110
20	.175	.147
22	.222	.191
24	<b>.277</b>	.241
26	.336	.297
28	.401	.358
30	.474	.427
32	.553	.502
34	.641	.584
36	.732	.672
38	.832	.765
40	.939	.866
42	1.054	.975
44	1.172	1.089
46	1.298	1.211
48	1.437	1.341
50	1.579	1.475
52	1.728	1.621
54	1.886	1.771
56	2.045	1.903
58	2.219	2.065
60	2.393	2.232

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

Balsam Fir

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.027	.014
12	.043	.028
14	.064	.046
16	.090	.069
18	.120	.096
20	.155	.128
22	.195	.166
24	.240	.208
26	.290	.255
28	.346	.308
30	.408	.366
32	.474	.429
34	.545	.498
36	.623	.570
38	.706	.650
40	.796	.735
42	.888	.823
44	.991	.921
46	1.096	1.022
48	1.206	1.128
50	1.330	1.244
52	1.453	1.363
54	1.584	1.487
56	1.720	1.620
58	1.855	1.750
60	2.005	1.893

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

Pines (red, white, Scotch)

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.021	.007
12	.038	.022
14	.059	.042
16	.086	.066
18	.118	.096
20	.156	.128
22	.201	.169
24	.249	.214
26	.305	.266
28	.367	.323
30	.435	.387
32	.510	.457
34	.592	.534
36	.678	.615
38	.772	.703
40	.873	.798
42	.982	.901
44	1.094	1.009
46	1.219	1.124
48	1.346	1.247
50	1.480	1.374
52	1.623	1.509
54	1.773	1.652
56	1.931	1.803
58	2.098	1.958
60	2.264	2.119

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

Hemlock, Cedar

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.027	.014
12	.045	.030
14	.068	.052
16	.096	.076
18	.131	.107
20	.171	.144
22	.215	.186
24	.276	.235
26	.325	.289
28	.388	.349
30	.458	.408
32	.533	.479
34	.615	.556
36	.704	.639
38	.800	.729
40	.904	.826
42	1.011	.928
44	1.126	1.038
46	1.247	1.152
48	1.376	1.274
50	1.513	1.405
52	1.658	1.542
54	1.804	1.681
56	1.964	1.831
58	2.124	1.985
60	2.301	2.152

VALLEY SUBDIVISION  
INDIVIDUAL TREE LOCAL VOLUME TABLE

Hardwood (except Aspen, Balsam poplar)

D.B.H.ob (cm.)	Gross Volume Cubic Metres	Gross Merchantable Volume Cubic Metres
10	.036	.016
12	.056	.032
14	.081	.055
16	.112	.081
18	.148	.114
20	.189	.152
22	.235	.195
24	.288	.243
26	.346	.298
28	.410	.358
30	.481	.424
32	.556	.496
34	.641	.574
36	.729	.651
38	.820	.736
40	.922	.832
42	1.030	.936
44	1.141	1.040
46	1.264	1.155
48	1.389	1.277
50	1.520	1.402
52	1.658	1.531
54	1.804	1.670
56	1.956	1.817
58	2.116	1.967
60	2.283	2.127

TABLE 1  
VALLEY SUBDIVISION  
1977 DATA IN HECTARES BY  
OWNERSHIP AND LAND CLASS

LAND CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Softwood	16 340	72 580	67 330	6 450	162 710
Mixedwood	14 970	51 240	80 250	8 140	154 600
Hardwood	20 540	31 080	47 440	3 120	102 200
Total Forest	51 860	154 910	195 030	17 710	419 520
Non Forest	3 940	10 090	88 720	5 310	108 060
Water & Flowage	5 970	19 250	7 460	1 330	34 010
Total Non Forest	9 910	29 340	96 180	6 640	142 070
Total	61 790	184 260	291 230	24 370	561 690

1 Hectare = 2.47 Acres

TABLE 2  
VALLEY SUBDIVISION  
1977 DATA IN HECTARES BY  
OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Up to 40%	9 590	25 330	25 290	3 080	63 300
41 - 60%	21 080	70 740	90 820	10 590	193 240
61 - 80%	19 340	51 160	69 810	3 500	143 820
81 - 100%	1 840	7 170	7 730	540	17 290
Overstocked		480	1 370		1 850
Total	51 860	154 910	195 030	17 710	419 520
Total (Acres)	128 094	382 627	481 724	43 743	1 036 214

1 Hectare = 2.47 Acres

TABLE 3  
VALLEY SUBDIVISION  
1977 DATA IN HECTARES BY  
OWNERSHIP AND AGE CLASS

AGE CLASS	CROWN	OWNERSHIP (hectares)			TOTAL
		LARGE	SMALL	FEDERAL	
Up to 20 years	1 720	6 850	6 080	380	15 040
21 - 40 years	4 750	16 720	35 000	2 780	59 260
41 - 60 years	30 370	57 100	93 270	3 520	184 280
61 - 80 years	10 720	51 910	41 840	9 400	113 870
81 - 100 years	2 580	7 210	4 530	1 020	15 350
101 + years	360	4 000	170		4 530
Unevenaged	1 340	11 080	14 110	610	27 150
Total	51 860	154 910	195 030	17 710	419 520
Total (Acres)	128 094	382 627	481 724	43 743	1 036 214

1 Hectare = 2.47 Acres

TABLE 4  
VALLEY SUBDIVISION  
1977 DATA IN HECTARES BY  
OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
I			90		90
II					
III					
IV	2 550	8 740	25 790	730	37 820
V	46 328	131 990	165 780	14 710	358 810
VI	2 980	14 170	3 360	2 270	22 790
Total	51 860	154 910	195 030	17 710	419 520
Total (Acres)	128 094	382 627	481 724	43 743	1 036 214

1 Hectare = 2.47 Acres

TABLE 5  
 VALLEY SUBDIVISION  
 1977 DATA IN HECTARES BY  
 OWNERSHIP AND VOLUME PER HECTARE CLASS

VOLUME PER HECTARE CLASS	OWNERSHIP (hectares)				TOTAL
	CROWN	LARGE	SMALL	FEDERAL	
Less than 40m <sup>3</sup> /ha	11 090	37 510	48 870	3 650	101 140
41 - 80m <sup>3</sup> /ha	20 510	44 230	70 460	6 220	141 430
81 - 120m <sup>3</sup> /ha	16 980	50 460	58 410	6 630	132 500
121 - 160m <sup>3</sup> /ha	3 140	17 640	14 340	1 200	36 320
161 + m <sup>3</sup> /ha	120	5 050	2 940		8 110
Total	51 860	154 910	195 030	17 710	419 520
Total (Acres)	128 094	382 627	481 724	43 743	1 036 214

1 Cubic Metre per Hectare = 14.29 Cubic Feet per Acre

1 Hectare = 2.47 Acres

TABLE 6  
ANNAPOLIS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND LAND CLASS

LAND CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Softwood	10 670	55 730	38 940	5 570	110 920
Mixedwood	7 100	39 230	43 100	6 640	96 070
Hardwood	8 280	22 780	26 960	2 860	60 880
Total Forest	26 060	117 750	109 010	15 070	267 890
Non Forest	2 920	7 820	33 360	1 390	45 290
Water & Flowage	3 500	15 820	5 100	870	25 290
Total Non Forest	6 420	23 640	38 460	2 260	70 580
Total	32 490	141 200	147 480	17 340	338 530
Total (Acres)	80 250	348 764	364 275	42 829	836 169

1 Hectare = 2.47 Acres

TABLE 7  
ANNAPOLIS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	OWNERSHIP (hectares)				TOTAL
	CROWN	LARGE	SMALL	FEDERAL	
Up to 40%	5 260	20 020	13 850	2 970	42 110
41 - 60%	10 060	57 170	52 820	9 600	129 650
61 - 80%	9 770	36 670	38 700	2 420	87 570
81 - 100%	960	3 390	3 210	70	7 640
Overstocked		480	410	10	900
Total	26 060	117 750	109 010	15 070	267 890
TOTAL (ACRES)	64 368	290 842	269 254	37 222	661 688

1 hectare = 2.47 Acres

TABLE 8  
ANNAPOLIS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND AGE CLASS

AGE CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Up to 20 years	560	3 950	2 650	120	7 290
21 - 40 years	2 190	13 940	16 100	1 580	33 820
41 - 60 years	12 550	39 760	55 070	2 660	110 050
61 - 80 years	6 920	40 350	24 520	9 250	81 050
81 - 100 years	2 510	6 470	3 470	1 010	13 470
101 + years	360	4 000			4 360
Unevenaged	940	9 260	7 180	450	17 830
Total	26 060	117 750	109 010	15 070	267 890
TOTAL (ACRES)	64 368	290 842	269 254	37 222	661 688

1 Hectare = 2.47 Acres

TABLE 9  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	SPECIES	CROWN	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)			TOTAL
			LARGE	SMALL	FEDERAL	
	Softwood			1		1
	Hardwood			3		3
	Total			4		4
I	Softwood					
	Hardwood					
	Total					
II	Softwood					
	Hardwood					
	Total					
V	Softwood	29	141	604	40	814
	Hardwood	25	343	326	32	728
	Total	55	485	930	72	1 542
/	Softwood	823	4 650	3 748	481	9 705
	Hardwood	745	2 560	2 734	325	6 367
	Total	1 568	7 217	6 482	806	16 073
/I	Softwood	23	279	48	33	388
	Hardwood	24	114	21	23	182
	Total	48	393	70	58	571
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
TOTAL (CUBIC FEET)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

TABLE 10  
ANNAPOLIS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND VOLUME PER HECTARE CLASS.

VOLUME PER HECTARE CLASS	OWNERSHIP (hectares)				TOTAL
	CROWN	LARGE	SMALL	FEDERAL	
Less than 40m <sup>3</sup> /ha	5 930	29 640	23 440	3 320	62 330
41 - 80m <sup>3</sup> /ha	9 560	34 250	46 170	5 410	95 390
81 - 120m <sup>3</sup> /ha	9 190	37 120	29 870	5 620	81 810
121 - 160m <sup>3</sup> /ha	1 250	12 780	7 770	720	22 530
161 + m <sup>3</sup> /ha	120	3 940	1 750		5 810
Total	26 060	117 750	109 010	15 070	267 890
Total (Acres)	64 368	290 842	269 254	37 222	661 688

1 Cubic Metre per Hectare = 14.29 Cubic Feet per Acre  
1 Hectare = 2.47 Acres

TABLE 11  
KINGS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND LAND CLASS

LAND CLASS	CROWN	OWNERSHIP (hectares)			TOTAL
		LARGE	SMALL	FEDERAL	
Softwood	5 660	16 840	28 390	880	51 780
Mixedwood	7 870	12 010	37 150	1 480	58 520
Hardwood	12 260	8 290	20 480	270	41 310
Total Forest	25 800	37 150	86 020	2 640	151 620
Non Forest	1 020	2 470	55 360	3 920	62 770
Water & Flowage	2 470	3 430	2 360	460	8 720
Total Non Forest	3 490	5 900	57 720	4 380	71 490
Total	29 300	43 060	143 750	7 030	223 160
Total (Acres)	72 371	106 358	355 062	17 364	551 205

1 Hectare = 2.47 Acres

TABLE 12  
 KINGS COUNTY  
 1977 DATA IN HECTARES BY  
 OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Up to 40%	4 330	5 310	11 440		21 180
41 - 60%	11 020	13 570	37 990	1 000	63 580
61 - 80%	9 560	14 480	31 110	1 100	56 250
81 - 100%	870	3 780	4 520	540	9 640
Overstocked			950		950
Total	25 800	37 150	86 020	2 640	151 620
TOTAL (ACRES)	63 726	91 760	212 469	6 520	374 501

1 Hectare = 2.47 Acres

TABLE 13  
KINGS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND AGE CLASS

AGE CLASS	OWNERSHIP (hectares)				TOTAL
	CROWN	LARGE	SMALL	FEDERAL	
Up to 20 years	1 160	2 900	3 430	250	7 750
21 - 40 years	2 550	2 780	18 900	1 200	25 440
41 - 60 years	17 810	17 340	38 200	880	74 230
61 - 80 years	3 790	11 550	17 320	140	32 810
81 - 100 years	70	740	1 060		1 880
101 + years			170		170
Unevenaged	390	1 820	6 930	170	9 320
Total	25 800	37 150	86 020	2 640	151 620
TOTAL (ACRES)	63 726	91 760	212 469	6 520	374 501

1 Hectare = 2.47 Acres

TABLE 14  
 KINGS COUNTY  
 1977 DATA IN HECTARES BY  
 OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	CROWN	OWNERSHIP (hectares)			TOTAL
		LARGE	SMALL	FEDERAL	
I					
II					
III					
IV	1 830	3 880	13 260		18 990
V	22 810	29 850	71 400	2 640	126 710
VI	1 150	3 410	1 350		5 920
Total	25 800	37 150	86 020	2 640	151 620
TOTAL (ACRES)	63 726	91 760	212 469	6 520	374 501

1 Hectare = 2.47 Acres

TABLE 15  
 KINGS COUNTY  
 1977 DATA IN HECTARES BY  
 OWNERSHIP AND VOLUME PER HECTARE CLASS.

VOLUME PER HECTARE CLASS	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
Less than 40m <sup>3</sup> /ha	5 160	7 870	25 420	350	38 800
41 - 80m <sup>3</sup> /ha	10 950	9 970	24 290	810	46 030
81 - 120m <sup>3</sup> /ha	7 790	13 330	28 530	1 020	50 690
121 - 160m <sup>3</sup> /ha	1 890	4 860	6 570	460	13 790
161 + m <sup>3</sup> /ha		1 100	1 190		2 300
Total	25 800	37 150	86 020	2 640	151 620
Total (Acres)	63 726	91 760	212 469	6 520	374 501

1 Cubic Metre Per Hectare = 14.29 Cubic Feet Per Acre

1 Hectare = 2.47 Acres

TABLE 16  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND COVER TYPE

COVER TYPE	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Softwood	Softwood	837	4 569	4 057	275	9 741
	Hardwood	158	762	610	30	1 561
	Total	996	5 332	4 667	305	11 302
Mixedwood	Softwood	512	2 060	2 881	333	5 786
	Hardwood	400	1 519	2 273	223	4 416
	Total	912	3 579	5 154	556	10 203
Hardwood	Softwood	178	452	652	34	1 317
	Hardwood	1 082	1 725	2 528	181	5 517
	Total	1 260	2 177	3 181	215	6 834
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

1 Cubic Metre = 35.314 Cubic Feet

TABLE 17  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Up to 40%	Softwood	137	397	414	70	1 018
	Hardwood	123	280	238	46	687
	Total	260	677	652	116	1 705
41 - 60%	Softwood	591	3 116	3 298	393	7 398
	Hardwood	657	1 699	2 527	230	5 113
	Total	1 248	4 815	5 825	624	12 512
61 - 80%	Softwood	684	3 151	3 390	151	7 376
	Hardwood	802	1 792	2 365	146	5 107
	Total	1 486	4 944	5 756	298	12 484
81 - 100%	Softwood	107	372	421	17	917
	Hardwood	65	224	268	11	579
	Total	173	596	689	38	1 496
Overstocked	Softwood		35	64		99
	Hardwood		8	13		21
	Total		44	77		121
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

.1 Cubic Metre = 35.314 Cubic Feet

TABLE 18  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND AGE CLASS

AGE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Up to 20 years	Softwood	3	29	33	7	74
	Hardwood	10	37	10	3	62
	Total	13	66	47	10	140
21 - 40 years	Softwood	64	250	660	56	1 032
	Hardwood	49	202	517	43	815
	Total	113	452	1 176	99	1 847
41 - 60 years	Softwood	812	2 480	3 820	138	7 253
	Hardwood	1 010	1 420	2 370	94	4 905
	Total	1 822	3 900	6 200	232	12 168
61 - 80 years	Softwood	440	2 880	2 070	341	5 729
	Hardwood	416	1 771	1 880	265	4 334
	Total	856	4 651	3 950	604	10 063
81 - 100 years	Softwood	132	350	316	69	870
	Hardwood	88	250	250	29	620
	Total	221	600	566	98	1 490
101 + years	Softwood	2	610	10		622
	Hardwood	29	98	7		135
	Total	32	710	17		759
Unevenaged	Softwood	67	470	677	23	124
	Hardwood	40	224	368	10	643
	Total	107	700	1 046	33	1 894
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

1 Cubic Metre = 35.314 Cubic Feet

TABLE 19  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	SPECIES	OWNERSHIP		(Thousands Gross Merchantable Cubic Metres)		TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
I	Softwood			1		1
	Hardwood			3		3
	Total			4		4
II	Softwood					
	Hardwood					
	Total					
III	Softwood					
	Hardwood					
	Total					
IV	Softwood	108	336	1 223	40	1 707
	Hardwood	111	559	709	31	1 412
	Total	220	896	1 932	71	3 119
V	Softwood	1 369	6 349	6 284	548	14 550
	Hardwood	1 487	3 294	4 657	395	9 828
	Total	2 857	9 644	10 941	943	24 385
VI	Softwood	41	394	79	36	550
	Hardwood	48	149	43	24	264
	Total	89	544	122	60	815
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

1 Cubic Metre = 35.314 Cubic Feet

TABLE 20  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND VOLUME PER HECTARE CLASS

VOLUME PER HECTARE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Less than 40m <sup>3</sup> /ha	Softwood	134	482	732	63	1 415
	Hardwood	83	313	447	28	873
	Total	218	796	1 180	91	2 288
41 - 80m <sup>3</sup> /ha	Softwood	562	1 720	2 419	204	4 905
	Hardwood	570	1 020	1 886	95	3 575
	Total	1 132	2 740	4 305	300	8 480
81 - 120m <sup>3</sup> /ha	Softwood	648	3 036	3 163	300	7 150
	Hardwood	797	1 524	2 151	262	4 736
	Total	1 445	4 561	5 315	563	11 887
121 - 160m <sup>3</sup> /ha	Softwood	154	1 221	931	65	2 372
	Hardwood	197	868	813	56	1 935
	Total	351	2 089	1 744	122	4 308
161 + m <sup>3</sup> /ha	Softwood	21	614	345		981
	Hardwood		279	116		395
	Total	21	893	462		1 376
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

1 Cubic Metre Per Hectare = 35.314 Cubic Feet Per Acre

1 Hectare = 2.47 Acres

TABLE 21  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SPECIES

SPECIES	OWNERSHIP (Thousands of Gross Merchantable Cubic Metres)				TOTAL
	CROWN	LARGE	SMALL	FEDERAL	
White Spruce	134	347	2 499	19	2 999
Spruce (red & black)	769	3 747	2 356	221	7 096
Fir	169	1 011	1 495	19	2 695
Hemlock	18	455	549	25	1 047
White Pine	342	1 332	497	243	2 415
Red Pine	73	144	69	92	378
Larch	13	40	113	14	181
Jack Pine					
Other Softwood			7		8
Softwoods	1 520	7 079	7 590	633	16 822
Sugar Maple	107	295	332		736
Red Maple	723	1 948	1 778	145	4 594
Yellow Birch	32	320	332		686
White Birch	344	494	784	49	1 671
Oak	133	414	147	141	835
Aspen	240	322	1 178	104	1 844
Grey Birch	2	7	107		120
White Ash	34	111	260		407
Black Ash					
Cherry			6		7
Beech	29	90	467		589
Misc.		4	15	19	22
Hardwoods	1 649	4 009	5 413	443	11 515
All Species	3 170	11 089	13 003	1 076	28 338

TABLE 22  
VALLEY SUBDIVISION  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SIZE CLASS

SIZE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
10 - 14cm D.B.H.	Softwood	231	918	1 163	79	2 398
	Hardwood	397	636	1 233	87	2 355
	Total	630	1 557	2 399	166	4 754
16 - 20cm D.B.H.	Softwood	422	1 705	2 020	150	4 296
	Hardwood	526	1 088	1 589	169	3 376
	Total	950	2 794	3 609	319	7 674
22 +cm D.B.H.	Softwood	864	4 454	4 403	404	10 125
	Hardwood	723	2 281	2 587	187	5 782
	Total	1 587	6 736	6 991	591	15 907
Total	Softwood	1 520	7 079	7 590	633	16 822
	Hardwood	1 649	4 009	5 413	443	11 515
	Total	3 170	11 089	13 003	1 076	28 338
Total (Cubic Feet)	Softwood	53 677	249 987	268 033	22 353	594 052
	Hardwood	58 232	141 573	191 154	15 644	406 640
	Total	111 945	391 596	459 187	37 997	1 000 728

1 Cubic Metre = 35.314 Cubic Feet

TABLE 23  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND COVER TYPE

COVER TYPE	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Softwood	Softwood	473	3 288	2 356	225	6 342
	Hardwood	83	546	363	27	1 019
	Total	556	3 834	2 720	252	7 362
Mixedwood	Softwood	303	1 452	1 681	293	3 729
	Hardwood	239	1 124	1 198	181	2 743
	Total	542	2 576	2 879	474	6 472
Hardwood	Softwood	99	337	364	37	837
	Hardwood	472	1 348	1 524	173	3 518
	Total	572	1 685	1 888	210	4 356
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
Total (Cubic Feet)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

1 Cubic Metre = 35.314 Cubic Feet

TABLE 24  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Up to 40%	Softwood	114	347	241	65	768
	Hardwood	36	226	122	45	431
	Total	151	574	364	110	1 200
41 - 60%	Softwood	327	2 493	1 983	380	5 183
	Hardwood	299	1 352	1 448	210	3 309
	Total	626	3 845	3 432	590	8 493
61 - 80%	Softwood	396	2 072	2 009	103	4 580
	Hardwood	404	1 338	1 407	127	3 276
	Total	800	3 410	3 416	230	7 857
81 - 100%	Softwood	37	130	145	5	318
	Hardwood	55	92	105	1	253
	Total	92	222	251	6	571
Overstocked	Softwood		35	22		58
	Hardwood		8	2		11
	Total		44	25		69
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
Total (Cubic Feet)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

1 Cubic Metre = 35.314 Cubic Feet

TABLE 25  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND AGE CLASS

AGE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Up to 20 years	Softwood		11	17		29
	Hardwood	4	23	7		35
	Total	4	34	25		64
21 - 40 years	Softwood	41	207	309	25	584
	Hardwood	25	156	200	20	401
	Total	66	364	510	46	986
41 - 60 years	Softwood	426	1 583	2 242	117	4 368
	Hardwood	331	875	1 388	71	2 665
	Total	757	2 458	3 630	188	7 033
61 - 80 years	Softwood	222	1 964	1 221		3 728
	Hardwood	282	1 443	1 110		3 095
	Total	505	3 407	2 331		6 823
81 - 100 years	Softwood	132	328	239	71	770
	Hardwood	82	247	205	30	565
	Total	214	575	445	101	1 335
101 + years	Softwood	2	611			614
	Hardwood	29	98			128
	Total	32	710			742
Unevenaged	Softwood	49	371	372	21	813
	Hardwood	39	174	173	4	391
	Total	89	546	545	25	1 205
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
Total (Cubic Feet)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

1 Cubic Metre = 35.314 Cubic Feet

TABLE 26  
ANNAPOLIS COUNTY  
1977 DATA IN HECTARES BY  
OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	CROWN	OWNERSHIP (hectares)		FEDERAL	TOTAL
		LARGE	SMALL		
I			90		90
II					
III					
IV	710	4 850	12 530	730	18 820
V	23 510	102 130	94 370	12 080	232 100
VI	1 830	10 760	2 010	2 260	16 870
Total	26 060	117 750	109 010	15 070	267 890
Total (Acres)	64 368	290 842	269 254	37 222	661 688

1 Hectare = 2.47 Acres

TABLE 27  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND VOLUME PER HECTARE CLASS

VOLUME PER HECTARE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Less than 40m <sup>3</sup> /ha	Softwood	92	381	359	52	884
	Hardwood	36	244	218	23	523
	Total	128	626	578	75	1 408
41 - 80m <sup>3</sup> /ha	Softwood	318	1 318	1 591	192	3 420
	Hardwood	256	731	1 216	84	2 288
	Total	575	2 049	2 808	276	5 708
81 - 120m <sup>3</sup> /ha	Softwood	401	2 015	1 748	253	4 417
	Hardwood	411	1 183	1 118	240	2 953
	Total	813	3 198	2 866	493	7 370
121 - 160m <sup>3</sup> /ha	Softwood	41	883	488	58	1 470
	Hardwood	90	632	462	36	1 221
	Total	132	1 516	950	94	2 692
161 + m <sup>3</sup> /ha	Softwood	21	479	215		716
	Hardwood		226	69		295
	Total	21	705	284		1 012
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
Total (Cubic Feet)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

1 Cubic Metre Per Hectare = 14.29 Cubic Feet Per Acre  
1 Cubic Metre = 35.314 Cubic Feet

TABLE 28  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SPECIES

SPECIES	(Thousands of Gross Merchantable Cubic Metres)				
	CROWN	LARGE	SMALL	FEDERAL	TOTAL
White Spruce	67	98	1 309		1 477
Spruce (red & black)	360	2 685	1 602	231	4 879
Fir	70	604	735	16	1 426
Hemlock	13	449	327	26	816
White Pine	286	1 144	332	245	2 007
Red Pine	69	62	15	21	168
Larch	7	33	79	12	132
Jack Pine					
Other Softwood					
Softwoods	876	5 078	4 402	553	10 909
Sugar Maple	23	200	208		433
Red Maple	315	1 506	1 084	140	3 047
Yellow Birch	11	186	176		376
White Birch	158	333	468	43	1 004
Oak	131	410	116	146	804
Aspen	108	238	469	47	864
Grey Birch	2	5	75		83
White Ash	19	50	129		199
Black Ash					
Cherry			4		5
Beech	25	81	339		445
Misc.	1	4	9		15
Hardwoods	795	3 018	3 085	384	7 282
All Species	1 671	8 096	7 488	936	18 191

TABLE 29  
ANNAPOLIS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SIZE CLASS

SIZE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
10 - 14cm D.B.H.	Softwood	109	636	619	78	1 444
	Hardwood	170	447	647	57	1 323
	Total	282	1 084	1 268	135	2 769
16 - 20cm D.B.H.	Softwood	226	1 192	1 094	137	2 650
	Hardwood	243	832	918	151	2 146
	Total	471	2 025	2 013	288	4 797
22 + cm D.B.H.	Softwood	537	3 248	2 686	341	6 812
	Hardwood	377	1 736	1 517	178	3 810
	Total	915	4 984	4 204	519	10 622
Total	Softwood	876	5 078	4 402	553	10 909
	Hardwood	795	3 018	3 085	383	7 282
	Total	1 671	8 096	7 488	936	18 191
Total (Cubic Feet)	Softwood	30 935	179 324	155 452	19 528	385 240
	Hardwood	28 074	106 577	108 943	13 525	257 156
	Total	59 009	285 902	264 431	33 053	642 396

1 Cubic Metre = 35.314 Cubic Feet

TABLE 30  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND COVER TYPE

COVER TYPE	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Softwood	Softwood	358	1 263	1 702	50	3 374
	Hardwood	73	213	247	5	538
	Total	432	1 476	1 949	55	3 913
Mixedwood	Softwood	214	597	1 210	45	2 068
	Hardwood	164	392	1 073	41	1 672
	Total	379	990	2 284	86	3 741
Hardwood	Softwood	80	115	287		483
	Hardwood	612	383	1 011	11	2 017
	Total	693	499	1 298	11	2 501
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 496	209 270
	Hardwood	30 052	34 925	82 352	1 871	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre = 35.314 Cubic Feet

TABLE 31  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND DENSITY CLASS

DENSITY CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
Up to 40%	Softwood	26	52	173	2	257
	Hardwood	83	53	115	1	253
	Total	101	106	288	3	510
41 - 60%	Softwood	267	621	1 319	26	2 232
	Hardwood	356	345	1 077	14	1 794
	Total	624	966	2 397	40	4 027
61 - 80%	Softwood	291	1 064	1 391	57	2 802
	Hardwood	398	458	966	20	1 844
	Total	689	1 523	2 358	77	4 647
81 - 100%	Softwood	68	238	273	12	592
	Hardwood	12	130	162	20	325
	Total	80	369	436	32	917
Overstocked	Softwood			42		42
	Hardwood			10		10
	Total			52		52
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 496	209 270
	Hardwood	30 052	34 925	82 352	1 871	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre = 35.314 Cubic Feet

TABLE 32  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND AGE CLASS

		OWNERSHIP (Thousand Gross Merchantable Cubic Metres)				
AGE CLASS	SPECIES	CROWN	LARGE	SMALL	FEDERAL	TOTAL
Up to 20 years	Softwood	3	17	15	10	44
	Hardwood	6	14	7	3	31
	Total	9	31	22	13	75
21 - 40 years	Softwood	23	47	352	30	452
	Hardwood	24	45	313	24	408
	Total	48	93	666	53	861
41 - 60 years	Softwood	393	885	1 582	33	2 894
	Hardwood	675	540	989	22	2 227
	Total	1 069	1 425	2 571	55	5 121
61 - 80 years	Softwood	215	897	854	21	1 987
	Hardwood	134	333	771		1 239
	Total	350	1 230	1 625	21	3 227
81 - 100 years	Softwood		28	77		105
	Hardwood	6	6	49		61
	Total	6	34	126		167
101 + years	Softwood			10		10
	Hardwood			7		7
	Total			17		17
Unevenaged	Softwood	18	101	307	6	432
	Hardwood	3	49	194	4	252
	Total	21	151	501	10	685
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 496	209 270
	Hardwood	30 052	34 925	82 352	1 871	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre = 35.314 Cubic Feet

TABLE 33  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND FOREST CAPABILITY

FOREST CAPABILITY	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
I	Softwood					
	Hardwood					
	Total					
II	Softwood					
	Hardwood					
	Total					
III	Softwood					
	Hardwood					
	Total					
IV	Softwood	79	191	619		890
	Hardwood	85	218	318		685
	Total	165	410	1 001		1 576
V	Softwood	556	1 672	2 550	96	4 876
	Hardwood	741	734	1 929	56	3 461
	Total	1 298	2 407	4 479	152	8 336
VI	Softwood	17	113	30		160
	Hardwood	23	35	21		81
	Total	41	148	51		241
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 390	209 270
	Hardwood	30 052	34 925	82 352	1 977	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre = 35.314 Cubic Feet

TABLE 34  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND VOLUME PER HECTARE CLASS

VOLUME PER HECTARE CLASS	SPECIES	OWNERSHIP CROWN	(Thousands Gross Merchantable Cubic Metres)			TOTAL
			LARGE	SMALL	FEDERAL	
Less than 40m <sup>3</sup> /ha	Softwood	44	101	373	13	531
	Hardwood	46	68	229	5	348
	Total	90	169	603	18	880
41 - 80m <sup>3</sup> /ha	Softwood	247	400	827	18	1 493
	Hardwood	313	284	668	10	1 277
	Total	561	684	1 496	28	2 771
81 - 120m <sup>3</sup> /ha	Softwood	250	1 003	1 426	54	2 733
	Hardwood	384	346	1 034	20	1 785
	Total	635	1 350	2 460	74	4 519
121 - 160m <sup>3</sup> /ha	Softwood	111	337	441	12	901
	Hardwood	107	236	352	20	715
	Total	218	573	794	32	1 617
161 + m <sup>3</sup> /ha	Softwood		134	131		265
	Hardwood		53	47		100
	Total		188	178		366
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 496	209 270
	Hardwood	30 052	34 925	82 352	1 871	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre Per Hectare = 14.29 Cubic Feet Per Acre  
1 Cubic Metre = 35.314 Cubic Feet

TABLE 35  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SPECIES

SPECIES	(Thousands of Gross Merchantable Cubic Metres)				
	CROWN	LARGE	SMALL	FEDERAL	TOTAL
White Spruce	67	235	1 183		1 487
Spruce (red & black)	405	1 049	776	-14	2 245
Fir	97	394	752		1 245
Hemlock	4	13	224		242
White Pine	65	198	169	-13	445
Red Pine	6	78	52	-68	204
Larch	5	7	35		49
Jack Pine			7		7
Other Softwood					
Softwoods	653	1 977	3 200	-96	5 926
Sugar Maple	81	92	125		299
Red Maple	404	443	701	-7	1 555
Yellow Birch	20	129	154		304
White Birch	184	158	318		661
Oak	7	11	34		52
Aspen	130	83	693	-49	955
Grey Birch		1	32		37
White Ash	15	58	129		203
Black Ash					
Cherry			1		1
Beech	5	10	134		149
Misc.			5		5
Hardwoods	851	989	2 332	-56	4 228
All Species	1 505	2 966	5 532	152	10 155

TABLE 36  
KINGS COUNTY  
1977 VOLUME DATA IN CUBIC METRES BY  
OWNERSHIP AND SIZE CLASS

SIZE CLASS	SPECIES	OWNERSHIP (Thousands Gross Merchantable Cubic Metres)				TOTAL
		CROWN	LARGE	SMALL	FEDERAL	
10 - 14cm D.B.H.	Softwood	118	276	541	9	946
	Hardwood	222	185	582	21	1 015
	Total	343	463	1 124	30	1 962
16 - 20cm D.B.H.	Softwood	197	502	921	15	1 637
	Hardwood	279	256	672	19	1 228
	Total	476	760	1 595	34	2 867
22 + cm D.B.H.	Softwood	335	1 195	1 735	75	3 341
	Hardwood	347	545	1 075	13	1 981
	Total	682	1 740	2 811	88	5 323
Total	Softwood	653	1 977	3 200	96	5 926
	Hardwood	851	989	2 332	56	4 228
	Total	1 505	2 966	5 532	152	10 155
Total (Cubic Feet)	Softwood	23 060	69 815	113 004	3 496	209 270
	Hardwood	30 052	34 925	82 352	1 871	149 307
	Total	53 147	104 741	195 357	5 367	358 613

1 Cubic Metre = 35.314 Cubic Feet

TABLE 37  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND LAND CLASS

LAND CLASS & OWNERSHIP	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Softwood	15 900	16 340	440	3
Mixedwood	14 200	14 970	770	5
Hardwood	20 400	20 540	140	1
Total Forest	50 700	51 860	1 160	2
Non Forest	6 800	3 940	-2 860	-42
Water & Flowage	8 100	5 970	-2 130	-26
Total Non Forest	14 900	9 910	-4 990	-33
TOTAL	65 700	61 790	-3 910	-6
<b>LARGE</b>				
Softwood	68 100	72 580	4 480	7
Mixedwood	62 600	51 240	-11 360	-18
Hardwood	30 300	31 080	780	3
Total Forest	161 100	154 910	-6 190	-4
Non Forest	6 900	10 090	3 190	46
Water & Flowage	15 100	19 250	4 150	27
Total Non Forest	22 000	29 340	7 340	33
TOTAL	183 200	184 260	1 060	1
<b>SMALL</b>				
Softwood	64 700	67 330	2 630	4
Mixedwood	90 600	80 250	-10 350	-11
Hardwood	48 500	47 440	-1 060	-2
Total Forest	203 800	195 030	-8 770	-4
Non Forest	79 300	88 720	9 420	12
Water & Flowage	7 800	7 460	- 340	-4
Total Non Forest	87 100	96 180	9 080	10
TOTAL	291 000	291 230	230	
<b>ALL OWNERS</b>				
Softwood	159 100	162 710	3 610	2
Mixedwood	174 100	154 600	-19 500	-11
Hardwood	100 500	102 200	1 700	2
Total Forest	433 700	419 520	-14 180	-3
Non Forest	93 900	108 060	14 160	15
Water & Flowage	33 900	34 010	110	
Total Non Forest	127 800	142 070	14 270	11
TOTAL	561 600	561 690	90	

1 Hectare = 2.47 Acres

TABLE 38  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 AREAS DATA BY  
OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	HECTARES		Difference	Difference
	1969	1978		
<b>CROWN</b>				
Up to 40%	17 600	9 590	-8 010	-46
41 - 60%	22 200	21 080	-1 120	-5
61 - 80%	10 300	19 340	9 040	88
81 - 100%	500	1 840	1 340	268
Overstocked				
TOTAL	50 700	51 860	1 160	2
<b>LARGE</b>				
Up to 40%	45 000	25 330	-19 670	-44
41 - 60%	60 600	70 740	10 140	17
61 - 80%	51 400	51 160	- 240	
81 - 100%	3 700	7 170	3 470	94
Overstocked	200	480	280	140
TOTAL	161 100	154 910	-6 190	-4
<b>SMALL</b>				
Up to 40%	65 400	25 290	-40 110	-61
41 - 60%	78 500	90 820	12 320	16
61 - 80%	57 800	69 810	12 010	21
81 - 100%	1 300	7 730	6 430	495
Overstocked	600	1 370	770	128
TOTAL	203 800	195 030	-8 770	-4
<b>ALL OWNERS</b>				
Up to 40%	137 000	63 300	-73 700	-54
41 - 60%	165 200	193 240	28 040	17
61 - 80%	124 800	143 820	19 020	15
81 - 100%	5 600	17 290	11 690	209
Overstocked	900	1 850	950	106
TOTAL	433 700	419 520	-14 180	-3

1 Hectare = 2.47 Acres

TABLE 39  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP & AGE CLASS	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Up to 20 years		1 720	1 720	
21 - 40 years	4 500	4 750	250	6
41 - 60 years	26 800	30 370	3 570	13
61 - 80 years	13 100	10 720	-2 380	-18
81 - 100 years	4 900	2 580	-2 320	-47
101+ years	800	360	- 440	-55
Unevenaged	200	1 340	1 140	570
TOTAL	50 700	51 860	1 160	2
<b>LARGE</b>				
Up to 20 years	4 200	6 850	2 650	63
21 - 40 years	8 700	16 720	8 020	92
41 - 60 years	74 000	57 100	-16 900	-23
61 - 80 years	52 500	51 910	- 590	-1
81 - 100 years	15 700	7 210	-8 490	-54
101+ years	4 300	4 000	- 300	-7
Unevenaged	1 600	11 080	9 480	593
TOTAL	161 100	154 910	-6 190	-4
<b>SMALL</b>				
Up to 20 years	14 000	6 080	-7 920	-57
21 - 40 years	36 500	35 000	-1 500	-4
41 - 60 years	107 700	93 270	-14 430	-13
61 - 80 years	41 600	41 840	240	1
81 - 100 years	3 100	4 530	1 430	46
101+ years	400	170	- 230	-57
Unevenaged	300	14 110	13 810	4 603
TOTAL	203 800	195 030	-8 770	-4
<b>ALL OWNERS</b>				
Up to 20 years	19 400	15 040	-4 360	-22
21 - 40 years	50 100	59 260	9 160	18
41 - 60 years	212 600	184 280	-28 320	-13
61 - 80 years	116 700	113 870	-2 830	-2
81 - 100 years	25 700	15 350	-10 350	-40
101+ years	6 000	4 530	-1 470	-24
Unevenaged	2 900	27 150	24 250	836
TOTAL	433 700	419 520	-14 180	-3

1 Hectare = 2.47 Acres

TABLE 40  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND LAND CLASS

LAND CLASS & OWNERSHIP	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Softwood	11 900	10 670	-1 230	-10
Mixedwood	9 600	7 100	-2 500	-26
Hardwood	11 300	8 280	-3 020	-27
Total Forest	32 900	26 060	-6 840	-21
Non Forest	4 700	2 920	-1 780	-38
Water & Flowage	2 500	3 500	1 000	40
Total Non Forest	7 200	6 420	- 780	-11
TOTAL	40 200	32 490	-7 710	-19
<b>LARGE</b>				
Softwood	50 200	55 730	5 530	11
Mixedwood	47 400	39 230	-8 170	-17
Hardwood	20 800	22 780	1 980	9
Total Forest	118 500	117 750	- 750	-1
Non Forest	4 000	7 820	3 820	95
Water & Flowage	12 100	15 820	3 720	31
Total Non Forest	16 100	23 640	7 540	47
TOTAL	134 800	141 200	6 400	5
<b>SMALL</b>				
Softwood	33 400	38 940	5 540	17
Mixedwood	45 600	43 100	-2 500	-5
Hardwood	28 700	26 960	-1 740	-6
Total Forest	107 800	109 010	1 210	1
Non Forest	29 900	33 360	3 460	12
Water & Flowage	5 800	5 100	- 700	-12
Total Non Forest	35 700	38 460	2 760	8
TOTAL	143 500	147 480	3 980	3
<b>ALL OWNERS</b>				
Softwood	105 500	110 920	5 420	5
Mixedwood	107 900	96 070	-11 830	-11
Hardwood	62 000	60 880	-1 120	-2
Total Forest	275 500	267 890	-7 610	-3
Non Forest	39 500	45 290	5 790	15
Water & Flowage	23 300	25 290	1 990	9
Total Non Forest	62 800	70 580	7 780	12
TOTAL	338 500	338 530	30	

1 Hectare = 2.47 Acres

TABLE 41  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Up to 40%	13 100	5 260	-7 840	-60
41 - 60%	13 800	10 060	-3 740	-27
61 - 80%	5 400	9 770	4 370	81
81 - 100%	400	960	560	140
Overstocked				
TOTAL	32 900	26 060	-6 840	-21
<b>LARGE</b>				
Up to 40%	34 500	20 020	-14 480	-42
41 - 60%	43 100	57 170	14 070	33
61 - 80%	36 900	36 670	- 230	-1
81 - 100%	3 600	3 390	- 210	-6
Overstocked	200	480	280	140
TOTAL	118 500	117 750	- 750	-1
<b>SMALL</b>				
Up to 40%	34 400	13 850	-20 550	-60
41 - 60%	42 300	52 820	10 520	25
61 - 80%	29 800	38 700	8 900	30
81 - 100%	500	3 210	2 710	542
Overstocked	600	410	- 190	-32
TOTAL	107 800	109 010	1 210	1
<b>ALL OWNERS</b>				
Up to 40%	89 500	42 110	-47 390	-53
41 - 60%	103 100	129 650	26 550	26
61 - 80%	77 300	87 570	10 270	13
81 - 100%	4 500	7 640	3 140	70
Overstocked	800	900	100	12
TOTAL	275 500	267 890	-7 610	-3

1 Hectare = 2.47 Acres

TABLE 42  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP AGE CLASS	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Up to 20 years		560	560	
21 - 40 years	2 100	2 190	90	4
41 - 60 years	17 100	12 550	-4 550	-27
61 - 80 years	7 800	6 920	- 880	-11
81 - 100 years	4 800	2 510	-2 290	-48
101+ years	600	360	- 240	-40
Unevenaged	200	940	740	370
TOTAL	32 900	26 060	-6 840	-21
<b>LARGE</b>				
Up to 20 years	3 600	3 950	350	10
21 - 40 years	4 500	13 940	9 440	210
41 - 60 years	54 400	39 760	-14 640	-27
61 - 80 years	38 200	40 350	2 150	6
81 - 100 years	12 700	6 470	-6 230	-49
101 + years	3 300	4 000	700	21
Unevenaged	1 600	9 260	7 660	479
TOTAL	118 500	117 750	- 750	-1
<b>SMALL</b>				
Up to 20 years	7 300	2 650	-4 650	-64
21 - 40 years	19 900	16 100	-3 800	-19
41 - 60 years	53 000	55 070	2 070	4
61 - 80 years	24 000	24 520	520	2
80 - 100%	2 700	3 470	770	29
101+ years	300		- 300	- 100
Unevenaged	300	7 180	6 880	2 293
TOTAL	107 800	109 010	1 210	1
<b>ALL OWNERS</b>				
Up to 20 years	10 900	7 290	-3 610	-33
21 - 40 years	26 600	33 820	7 220	27
41 - 60 years	128 300	110 050	-18 250	-14
61 - 80 years	79 500	81 050	1 550	2
81 - 100 years	22 200	13 470	-8 730	-39
101+ years	4 700	4 360	- 340	-7
Unevenaged	2 900	17 830	14 930	515
TOTAL	275 500	267 890	-7 610	-3

1 Hectare = 2.47 Acres

TABLE 43  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND LAND CLASS

LAND CLASS OWNERSHIP CROWN	HECTARES		Difference	Difference %
	1969	1978		
Softwood	4 000	5 660	1 660	42
Mixedwood	4 700	7 870	3 170	67
Hardwood	9 000	12 260	3 260	36
Total Forest	17 700	25 800	8 100	46
Non Forest	2 100	1 020	-1 080	-51
Water & Flowage	5 500	2 470	-3 030	-55
Total Non Forest	7 600	3 490	-4 110	-54
TOTAL	25 400	29 300	3 900	15
LARGE				
Softwood	17 900	16 840	-1 060	-6
Mixedwood	15 100	12 010	-3 090	-20
Hardwood	9 500	8 290	-1 210	-13
Total Forest	42 600	37 150	-5 450	-13
Non Forest	2 400	2 470	70	3
Water & Flowage	2 900	3 430	530	18
Total Non Forest	5 700	5 900	200	4
TOTAL	48 400	43 060	-5 340	-11
SMALL				
Softwood	31 200	28 390	-2 810	-9
Mixedwood	44 900	37 150	-7 750	-17
Hardwood	19 800	20 480	680	3
Total Forest	96 000	86 020	-9 980	-10
Non Forest	49 400	55 360	5 960	12
Water & Flowage	1 900	2 360	460	24
Total Non Forest	51 300	57 720	6 420	13
TOTAL	147 500	143 750	-3 750	-3
ALL OWNERS				
Softwood	535 300	51 780	-483 520	-90
Mixedwood	66 100	58 520	-7 580	-11
Hardwood	38 400	41 310	2 910	8
Total Forest	158 100	151 620	-6 480	-4
Non Forest	54 400	62 770	8 370	15
Water & Flowage	10 500	8 720	-1 780	-17
Total Non Forest	64 900	71 490	6 590	10
TOTAL	223 100	223 160	60	

1 Hectare = 2.47 Acres

TABLE 44  
KINGS COUNTY  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Up to 40%	4 400	4 330	-70	-2
41 - 60%	8 300	11 020	2 720	33
61 - 80%	4 800	9 560	4 760	99
81 - 100%	100	870	770	770
Overstocked				
TOTAL	17 700	25 800	8 100	46
<b>LARGE</b>				
Up to 40%	10 400	5 310	-5 090	-49
41 - 60%	17 500	13 570	-3 930	-22
61 - 80%	14 400	14 480	80	1
81 - 100%	100	3 780	3 680	3 680
Overstocked				
TOTAL	42 600	37 150	-5 450	-13
<b>SMALL</b>				
Up to 40%	31 000	11 440	-19 560	-63
41 - 60%	36 100	37 990	1 890	5
61 - 80%	27 900	31 110	3 210	11
81 - 100%	800	4 520	3 720	465
Overstocked		950	950	
TOTAL	96 000	86 020	-9 980	-10
<b>ALL OWNERS</b>				
Up to 40%	47 400	21 180	-26 220	-55
41 - 60%	62 100	63 580	1 480	2
61 - 80%	47 400	56 250	8 850	19
81 - 100%	1 100	9 640	8 540	776
Overstocked		950	950	
TOTAL	158 100	151 620	-6 480	-4

1 Hectare = 2.47 Acres

TABLE 45  
KINGS COUNTY  
COMPARISON 1969 AND 1978 AREA DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP & AGE CLASS	HECTARES		Difference	Difference %
	1969	1978		
<b>CROWN</b>				
Up to 20 years		1 160	1 160	
21 - 40 years	2 400	2 550	150	6
41 - 60 years	9 700	17 810	8 110	84
61 - 80 years	5 200	3 790	-1 410	-27
81 - 100 years	100	70	-30	-30
101+ years	100		-100	-100
Unevenaged		390	390	
TOTAL	17 700	25 800	8 100	46
<b>LARGE</b>				
Up to 20 years	500	2 900	2 400	480
21 - 40 years	4 100	2 780	-1 320	-32
41 - 60 years	19 500	17 340	-2 160	-11
61 - 80 years	14 800	11 550	-2 750	-19
81 - 100 years	2 900	740	-2 160	-74
101+ years	1 400		-1 400	-100
Unevenaged		1 820	1 820	
TOTAL	42 600	37 150	-5 450	-13
<b>SMALL</b>				
Up to 20 years	6 700	3 430	-3 270	-49
21 - 40 years	16 600	18 900	2 300	14
41 - 60 years	54 600	38 200	-16 400	-30
61 - 80 years	17 500	17 320	-180	-1
81 - 100 years	300	1 060	760	253
101+ years	100	170	70	70
Unevenaged		6 930	6 930	
TOTAL	96 000	86 020	-9 980	-10
<b>ALL OWNERS</b>				
Up to 20 years	8 400	7 750	- 650	-8
21 - 40 years	23 400	25 440	2 040	9
41 - 60 years	84 300	74 230	-10 070	-12
61 - 80 years	37 200	32 810	-4 390	-12
81 - 100 years	3 400	1 880	-1 520	-45
101+ years	1 200	170	-1 030	-86
Unevenaged		9 320	9 320	
TOTAL	158 100	151 620	-6 480	-4

1 Hectare = 2.47 Acres

TABLE 46  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND COVER TYPE

OWNERSHIP & COVER TYPE	1969	1978	Gross Merchantable Cubic Metres	
			(Thousands) Difference	Difference %
<b>CROWN</b>				
Softwood	948	996	48	5
Mixedwood	844	912	68	8
Hardwood	1 027	1 260	233	23
TOTAL	2 820	3 170	350	12
<b>LARGE</b>				
Softwood	6 194	5 332	- 862	-14
Mixedwood	4 464	3 579	- 885	-20
Hardwood	1 590	2 177	587	37
TOTAL	12 250	11 089	-1 161	-9
<b>SMALL</b>				
Softwood	3 573	4 667	1 094	31
Mixedwood	5 285	5 154	- 131	-2
Hardwood	2 194	3 181	987	45
TOTAL	11 053	13 003	1 950	18
<b>ALL OWNERS</b>				
Softwood	11 292	11 302	10	
Mixedwood	10 932	10 203	- 729	-7
Hardwood	4 910	6 834	1 924	39
TOTAL	27 135	28 338	1 203	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 47  
 VALLEY SUBDIVISION  
 COMPARISON 1969 AND 1978 VOLUME DATA BY  
 OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	1969	1978	Gross Merchantable Cubic Metres (Thousands)	
			Difference	Difference %
<b>CROWN</b>				
Up to 40%	684	260	- 424	-62
41 - 60%	1 343	1 248	-95	-7
61 - 80%	763	1 486	723	95
81 - 100%	30	173	143	477
Overstocked				
TOTAL	2 820	3 170	350	12
<b>LARGE</b>				
Up to 40%	1 893	677	-1 216	-64
41 - 60%	4 652	4 815	163	3
61 - 80%	5 065	4 944	- 121	-2
81 - 100%	601	596	-5	-1
Overstocked	39	44	5	13
TOTAL	12 250	11 089	-1 161	-9
<b>SMALL</b>				
Up to 40%	1 741	652	-1 089	-63
41 - 60%	4 970	5 825	855	17
61 - 80%	4 246	5 756	1 510	36
81 - 100%	85	689	604	711
Overstocked	12	77	65	542
TOTAL	11 054	13 003	1 949	18
<b>ALL OWNERS</b>				
Up to 40%	4 656	1 705	-2 951	-63
41 - 60%	11 213	12 512	1 299	12
61 - 80%	10 500	12 484	1 984	19
81 - 100%	716	1 496	780	109
Overstocked	50	121	71	142
TOTAL	27 135	28 338	1 203	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 48  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP & AGE CLASS	1969	1978	Gross Merchantable Cubic Metres (Thousands)	
			Difference	Difference %
<b>CROWN</b>				
Up to 20 years		13	13	
21 - 40 years	77	113	36	47
41 - 60 years	1 396	1 822	426	31
61 - 80 years	958	856	- 102	-11
81 - 100 years	346	221	- 125	-36
101+ years	32	32		
Unevenaged	11	107	96	877
TOTAL	2 820	3 170	350	12
<b>LARGE</b>				
Up to 20 years	14	66	52	371
21 - 40 years	239	452	213	89
41 - 60 years	4 944	3 900	-1 044	-21
61 - 80 years	4 619	4 651	32	
81 - 100 years	1 801	600	-1 201	-67
101+ years	491	710	219	45
Unevenaged	141	700	559	396
TOTAL	12 250	11 089	-1 161	-9
<b>SMALL</b>				
Up to 20 years	46	47	1	2
21 - 40 years	819	1 176	357	44
41 - 60 years	6 310	6 200	- 110	-2
61 - 80 years	3 506	3 950	444	13
81 - 100 years	311	566	255	82
101+ years	38	17	-21	-55
Unevenaged	23	1 046	1 023	4 448
TOTAL	11 054	13 003	1 949	18
<b>ALL OWNERS</b>				
Up to 20 years	63	140	77	122
21 - 40 years	1 137	1 847	710	62
41 - 60 years	12 843	12 168	- 675	-5
61 - 80 years	9 701	10 063	362	4
81 - 100 years	2 577	1 490	-1 087	-42
101+ years	602	759	157	26
Unevenaged	211	1 894	1 683	798
TOTAL	27 135	28 338	1 203	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 49  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	1969	1978	Gross Merchantable Cubic Metres (Thousands)	
			Difference	Difference %
<b>CROWN</b>				
White Spruce	58	134	76	131
Spruce (red & black)	729	769	40	5
Fir	271	169	- 102	-38
Hemlock	12	18	6	50
Pines	387	415	28	7
Other Softwood	32	13	-19	-59
Total Softwood	1 492	1 520	28	2
Sugar Maple	32	107	75	234
Red Maple	528	723	195	37
Yellow Birch	26	32	6	23
White Birch	291	344	53	18
Aspen	233	240	7	3
Other Hardwood	214	198	-16	-7
Total Hardwood	1 326	1 649	323	24
TOTAL	2 820	3 170	350	12

TABLE 50  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>LARGE</b>				
White Spruce	222	347	125	56
Spruce (red & black)	4 417	3 747	- 670	-15
Fir	1 505	1 011	- 494	-33
Hemlock	787	455	- 332	-42
Pines	1 610	1 476	- 134	-8
Other Softwood	36	40	4	11
Total Softwood	8 580	7 079	-1 501	-17
Sugar Maple	255	295	40	16
Red Maple	1 840	1 948	108	6
Yellow Birch	342	320	-22	-6
White Birch	450	494	44	10
Aspen	228	322	94	41
Other Hardwood	549	626	77	14
Total Hardwood	3 668	4 009	341	9
TOTAL	12 250	11 089	-1 161	-9

1 Cubic Metre = 35.314 Cubic Feet

TABLE 51  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	1969	1978	Gross Merchantable Cubic Metres (Thousands)	
			Difference	Difference %
SMALL				
White Spruce	1 710	2 499	789	46
Spruce (red & black)	2 722	2 356	- 366	-13
Fir	1 395	1 495	100	7
Hemlock	412	549	137	33
Pines	512	566	54	10
Other Softwood	97	120	23	24
Total Softwood	6 850	7 590	740	11
Sugar Maple	362	332	-30	-8
Red Maple	1 597	1 778	181	11
Yellow Birch	314	332	18	6
White Birch	623	784	161	26
Aspen	572	1 178	606	106
Other Hardwood	732	1 002	270	37
Total Hardwood	4 203	5 413	1 210	29
TOTAL	11 053	13 003	1 950	18

TABLE 52  
VALLEY SUBDIVISION  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	1969	1978	Gross Merchantable Cubic Metres (Thousands)	
			Difference	Difference %
<b>ALL OWNERS</b>				
White Spruce	1 997	2 997	1 000	50
Spruce (red & black)	8 183	7 096	-1 087	-13
Fir	3 257	2 695	- 562	-17
Hemlock	1 253	1 047	- 206	-16
Pines	2 764	2 793	29	1
Other Softwood	205	189	-16	-8
Total Softwood	17 662	16 822	- 840	-5
Sugar Maple	653	736	83	13
Red Maple	4 139	4 594	455	11
Yellow Birch	683	686	3	
White Birch	1 384	1 671	287	21
Aspen	1 055	1 844	789	75
Other Hardwood	1 556	1 980	424	27
Total Hardwood	9 472	11 515	2 043	22
<b>TOTAL</b>	<b>27 135</b>	<b>28 338</b>	<b>1 203</b>	<b>4</b>

1 Cubic Metre = 35.314 Cubic Feet

TABLE 53  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND COVER TYPE

OWNERSHIP & COVER TYPE	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>CROWN</b>				
Softwood	654	556	-98	-1
Mixedwood	619	542	-77	-12
Hardwood	608	572	-36	-6
TOTAL	1 881	1 671	- 210	-11
<b>LARGE</b>				
Softwood	4 449	3 834	- 615	-14
Mixedwood	3 319	2 576	- 743	-22
Hardwood	1 028	1 685	657	64
TOTAL	8 797	8 096	- 701	-8
<b>SMALL</b>				
Softwood	1 671	2 720	1 049	63
Mixedwood	2 767	2 879	112	4
Hardwood	1 456	1 888	432	30
TOTAL	5 894	7 488	1 594	27
<b>ALL OWNERS</b>				
Softwood	7 348	7 362	- 14	
Mixedwood	7 028	6 472	- 556	-8
Hardwood	3 190	4 356	1 166	37
TOTAL	17 566	18 191	625	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 54  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>CROWN</b>				
Up to 40%	515	151	- 364	-71
41 - 60%	869	626	- 243	-28
61 - 80%	467	800	333	71
81 - 100%	28	92	64	229
Overstocked				
TOTAL	1 880	1 671	- 209	-11
<b>LARGE</b>				
Up to 40%	1 321	574	- 747	-57
41 - 60%	3 140	3 845	705	22
61 - 80%	3 706	3 410	- 296	-8
81 - 100%	595	222	373	-63
Overstocked	34	44	10	29
TOTAL	8 797	8 096	701	-8
<b>SMALL</b>				
Up to 40%	923	364	- 559	-61
41 - 60%	2 748	3 432	684	25
61 - 80%	2 190	3 416	1 226	56
81 - 100%	19	251	232	1 221
Overstocked	11	25	14	127
TOTAL	5 894	7 488	1 594	27
<b>ALL OWNERS</b>				
Up to 40%	3 088	1 200	-1 888	-61
41 - 60%	7 003	8 493	1 490	21
61 - 80%	6 784	7 857	1 073	16
81 - 100%	643	571	-72	-11
Overstocked	46	69	23	50
TOTAL	17 566	18 191	625	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 55  
ANNAPOLIS VALLEY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP & AGE CLASS	Gross Merchantable Cubic Metres			
	1969	1978	(Thousands) Difference	Difference %
<b>CROWN</b>				
Up to 20 years		4	4	
21 - 40 years	34	66	32	94
41 - 60 years	869	757	- 112	-13
61 - 80 years	616	505	- 111	-18
81 - 100 years	331	214	- 117	-35
101+ years	20	32	12	60
Unevenaged	11	89	78	709
TOTAL	1 881	1 671	- 210	-11
<b>LARGE</b>				
Up to 20 years	14	34	20	143
21 - 40 years	129	364	235	182
41 - 60 years	3 368	2 458	- 910	-27
61 - 80 years	3 208	3 407	199	6
81 - 100 years	1 518	575	- 943	-62
101+ years	420	710	290	69
Unevenaged	141	546	405	287
TOTAL	8 798	8 096	- 702	-8
<b>SMALL</b>				
Up to 20 years	22	25	3	14
21 - 40 years	460	510	50	11
41 - 60 years	3 062	3 630	568	19
61 - 80 years	2 018	2 331	313	16
81 - 100 years	277	445	168	61
101+ years	31		-31	- 100
Unevenaged	24	545	521	2 170
TOTAL	5 894	7 488	1 594	27
<b>ALL OWNERS</b>				
Up to 20 years	36	64	28	78
21 - 40 years	624	986	362	58
41 - 60 years	7 479	7 033	- 446	-6
61 - 80 years	6 460	6 823	363	6
81 - 100 years	2 245	1 335	- 910	-41
101+ years	511	742	231	45
Unevenaged	212	1 205	993	468
TOTAL	17 566	18 191	6 245	4

TABLE 56  
ANNAPOLIS VALLEY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>CROWN</b>				
White Spruce	21	67	46	219
Spruce (red & black)	498	360	- 138	-28
Fir	146	70	-76	-52
Hemlock	12	13	1	8
Pines	329	355	26	8
Other Softwood	27	7	-20	-74
Total Softwood	1 036	876	- 160	-15
Sugar Maple	14	23	9	64
Red Maple	314	315	1	
Yellow Birch	13	11	-2	-15
White Birch	147	158	11	7
Aspen	172	108	-64	-37
Other Hardwood	182	178	-4	-2
Total Hardwood	844	795	-49	-6
<b>TOTAL</b>	<b>1 880</b>	<b>1 671</b>	<b>- 209</b>	<b>-11</b>

TABLE 57  
 ANNAPOLIS COUNTY  
 COMPARISON 1969 AND 1978 VOLUME DATA BY  
 OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>LARGE</b>				
White Spruce	86	98	12	14
Spruce (red & black)	3 051	2 685	- 366	-12
Fir	887	604	- 283	-32
Hemlock	712	449	- 263	-37
Pines	1 534	1 206	- 328	-21
Other Softwood	31	33	2	6
Total Softwood	6 304	5 078	-1 226	-19
Sugar Maple	99	200	101	102
Red Maple	1 341	1 506	165	12
Yellow Birch	112	186	74	66
White Birch	297	333	36	12
Aspen	160	238	78	49
Other Hardwood	480	550	70	15
Total Hardwood	2 491	3 018	527	21
<b>TOTAL</b>	<b>8 797</b>	<b>8 096</b>	<b>- 701</b>	<b>-8</b>

1 Cubic Metre = 35.314 Cubic Feet

TABLE 58  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
SMALL				
White Spruce	831	1 309	478	57
Spruce (red & black)	1 376	1 602	226	16
Fir	656	735	79	12
Hemlock	229	327	98	43
Pines	213	347	134	63
Other Softwood	69	79	10	14
Total Softwood	3 375	4 402	1 027	30
Sugar Maple	248	208	-40	-16
Red Maple	1 031	1 084	53	5
Yellow Birch	182	176	-6	-3
White Birch	317	468	151	48
Aspen	250	469	219	88
Other Hardwood	487	672	185	38
Total Hardwood	2 505	3 085	580	23
TOTAL	5 894	7 488	1 594	27

TABLE 59  
ANNAPOLIS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
ALL OWNERS				
White Spruce	940	1 477	537	57
Spruce (red & black)	5 239	4 879	- 360	-7
Fir	1 774	1 426	- 348	-20
Hemlock	995	816	- 179	-18
Pines	2 330	2 175	- 155	-7
Other Softwood	162	132	-30	-19
Total Softwood	11 442	10 909	- 533	-5
Sugar Maple	365	433	68	19
Red Maple	2 858	3 047	189	7
Yellow Birch	308	376	68	22
White Birch	781	1 004	223	29
Aspen	600	864	264	44
Other Hardwood	1 208	1 551	343	28
Total Hardwood	6 108	7 282	1 174	19
TOTAL	17 566	18 191	625	4

1 Cubic Metre = 35.314 Cubic Feet

TABLE 60  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND COVER TYPE

OWNERSHIP & COVER TYPE	Gross Merchantable Cubic Metres			
	1969	1978	(Thousands) Difference	Difference %
<b>CROWN</b>				
Softwood	294	432	138	47
Mixedwood	225	379	154	68
Hardwood	419	693	274	65
TOTAL	939	1 505	566	60
<b>LARGE</b>				
Softwood	1 745	1 476	- 269	-15
Mixedwood	1 145	990	- 155	-14
Hardwood	562	499	-63	-11
TOTAL	3 452	2 966	- 486	-14
<b>SMALL</b>				
Softwood	1 902	1 949	47	2
Mixedwood	2 518	2 284	- 234	9
Hardwood	738	1 298	560	76
TOTAL	5 159	5 532	373	7
<b>ALL OWNERS</b>				
Softwood	3 944	3 913	-31	1
Mixedwood	3 904	3 741	- 163	4
Hardwood	1 720	2 501	781	45
TOTAL	9 568	10 155	587	6

1 Cubic Metre = 35.314 Cubic Feet

TABLE 61  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND DENSITY CLASS

OWNERSHIP & DENSITY CLASS	1969	Gross Merchantable Cubic Metres		
		1978	(Thousands) Difference	Difference %
<b>CROWN</b>				
Up to 40%	168	101	-67	-40
41 - 60%	473	624	151	32
61 - 80%	295	689	394	134
81 - 100%	2	80	78	3 900
Overstocked				
TOTAL	939	1 505	566	60
<b>LARGE</b>				
Up to 40%	572	106	- 466	-81
41 - 60%	1 512	966	- 546	-36
61 - 80%	1 359	1 523	164	12
81 - 100%	5	369	364	7 280
Overstocked	3		-3	- 100
TOTAL	3 452	2 966	- 486	-14
<b>SMALL</b>				
Up to 40%	818	288	- 530	-65
41 - 60%	2 221	2 397	176	8
61 - 80%	2 054	2 358	304	15
81 - 100%	65	436	371	571
Overstocked		52	52	
TOTAL	5 159	5 532	373	7
<b>ALL OWNERS</b>				
Up to 40%	1 567	510	-1 057	-67
41 - 60%	4 209	4 027	- 182	-4
61 - 80%	3 715	4 647	932	25
81 - 100%	72	917	845	1 174
Overstocked	3	52	49	1 633
TOTAL	9 568	10 155	587	6

1 Cubic Metre = 35.314 Cubic Feet

TABLE 62  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND AGE CLASS

OWNERSHIP & AGE CLASS	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>CROWN</b>				
Up to 20 years		9	9	
21 - 40 years	42	48	6	14
41 - 60 years	526	1 069	543	103
61 - 80 years	342	350	8	2
81 - 100 years	15	6	-9	-60
101+ years	12		-12	- 100
Unevenaged		21	21	
TOTAL	939	1 505	566	60
<b>LARGE</b>				
Up to 20 years		31	31	
21 - 40 years	110	93	-17	-15
41 - 60 years	1 576	1 425	- 151	-10
61 - 80 years	1 410	1 230	- 180	-13
81 - 100 years	283	34	- 249	-88
101+ years	71		-71	- 100
Unevenaged		151	151	
TOTAL	3 452	2 966	- 486	-14
<b>SMALL</b>				
Up to 20 years	23	22	-1	-4
21 - 40 years	358	666	308	86
41 - 60 years	3 248	2 571	- 677	-21
61 - 80 years	1 488	1 625	137	9
81 - 100 years	33	126	93	282
101+ years	7	17	10	143
Unevenaged		501	501	
TOTAL	5 159	5 532	373	7
<b>ALL OWNERS</b>				
Up to 20 years	27	75	48	178
21 - 40 years	513	861	348	68
41 - 60 years	5 363	5 121	- 242	-5
61 - 80 years	3 240	3 227	-13	
81 - 100 years	332	167	- 165	50
101+ years	91	17	-74	-81
Unevenaged		685	685	
TOTAL	9 568	10 155	587	6

1 Cubic Metre = 35.314 Cubic Feet

KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>CROWN</b>				
White Spruce	36	67	31	86
Spruce (red & black)	231	406	175	76
Fir	124	97	-27	-22
Hemlock		4	4	
Pines	58	71	13	22
Other Softwood	5	5		
Total Softwood	456	653	197	43
Sugar Maple	17	81	64	376
Red Maple	214	404	190	89
Yellow Birch	12	20	8	67
White Birch	144	184	40	28
Aspen	61	130	69	113
Other Hardwood	32	27	-5	-16
Total Hardwood	482	851	369	77
TOTAL	939	1 505	566	60

TABLE 64  
 KINGS COUNTY  
 COMPARISON 1969 AND 1978 VOLUME DATA BY  
 OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
<b>LARGE</b>				
White Spruce	136	235	99	73
Spruce (red & black)	1 365	1 049	- 316	-23
Fir	617	394	- 223	-36
Hemlock	75	13	-62	-83
Pines	76	276	200	263
Other Softwood	4	7	3	75
Total Softwood	2 275	1 977	- 298	-13
Sugar Maple	155	92	-63	-41
Red Maple	498	443	-55	-11
Yellow Birch	230	129	- 101	-44
White Birch	153	158	5	3
Aspen	68	83	15	22
Other Hardwood	70	80	10	14
Total Hardwood	1 176	989	- 187	-16
<b>TOTAL</b>	<b>3 452</b>	<b>2 966</b>	<b>- 486</b>	<b>-14</b>

1 Cubic Metre = 35.314 Cubic Feet

TABLE 65  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
SMALL				
White Spruce	878	1 183	305	35
Spruce (red & black)	1 345	776	- 569	-42
Fir	738	752	14	2
Hemlock	182	224	42	23
Pines	299	221	-78	-26
Other Softwood	29	42	13	45
Total Softwood	3 474	3 200	- 274	-8
Sugar Maple	114	125	11	10
Red Maple	565	701	136	24
Yellow Birch	132	154	22	17
White Birch	305	318	13	4
Aspen	322	693	371	115
Other Hardwood	244	335	91	37
Total Hardwood	1 685	2 332	647	38
TOTAL	5 159	5 532	373	7

TABLE 66  
KINGS COUNTY  
COMPARISON 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Merchantable Cubic Metres (Thousands)			
	1969	1978	Difference	Difference %
ALL OWNERS				
White Spruce	1 057	1 487	430	41
Spruce (red & black)	2 943	2 245	- 698	-24
Fir	1 483	1 245	- 238	-16
Hemlock	257	242	-15	-6
Pines	433	649	216	50
Other Softwood	43	56	13	30
Total Softwood	6 219	5 926	- 293	-5
Sugar Maple	287	299	12	4
Red Maple	1 280	1 555	275	21
Yellow Birch	374	304	-70	-19
White Birch	603	661	58	10
Aspen	454	955	501	110
Other Hardwood	347	447	100	29
Total Hardwood	3 349	4 228	879	26
TOTAL	9 568	10 155	587	6

1 Cubic Metre = 35.314 Cubic Feet

TABLE 67  
VALLEY SUBDIVISION  
COMPARISON 1956, 1969 AND 1978 VOLUME DATA BY  
OWNERSHIP AND LAND CLASS

COUNTY & LAND CLASS	Hectares			Diff. % 1956-69	Diff. % 1969-78	Diff. % 1956-78
	1956	1969	1978			
<b>KINGS</b>						
Softwood	67 770	53 530	51 780	-21	-3	-24
Mixedwood	62 790	66 170	58 520	5	-12	-7
Hardwood	860	38 470	41 310	4 373	7	4 703
Other						
Total Forest	139 320	158 190	151 620	14	-4	9
Non Forest	74 130	54 420	62 770	-27	15	-16
Water & Flowage	9 100	10 540	8 720	16	-17	-4
Total Non Forest	83 840	64 960	71 490	-23	10	-15
TOTAL	223 160	223 160	223 160			
<b>ANNAPOLIS</b>						
Softwood	155 820	105 560	110 920	-32	5	-29
Mixedwood	93 350	107 960	96 070	16	-11	3
Hardwood	4 130	62 030	60 880	1 402	-2	1 374
Other	11 260					
Total Forest	264 570	275 570	267 890	4	-3	1
Non Forest	54 200	39 550	45 290	-27	15	-16
Water & Flowage	19 740	23 390	25 290	18	8	28
Total Non Forest	73 950	62 940	70 580	-15	12	-5
TOTAL	338 530	338 530	338 530			
<b>SUBDIVISION</b>						
Softwood	223 590	159 100	162 710	-29	2	-27
Mixedwood	156 150	174 140	154 600	12	-11	-1
Hardwood	4 990	100 510	102 200	1 914	2	1 948
Other	19 150					
Total Forest	403 900	433 760	419 520	7	-3	4
Non Forest	128 940	93 980	108 060	-27	15	-16
Water & Flowage	28 840	33 940	34 010	18		18
Total Non Forest	157 790	127 920	142 070	-19	11	-10
TOTAL	561 690	561 690	561 690			

1 Hectare = 2.47 Acres

TABLE 68  
VALLEY SUBDIVISION  
COMPARISON 1956, 1969 AND 1978 VOLUME DATA BY  
COUNTY AND SPECIES

COUNTY & SPECIES	Gross Cubic Metres					
	1956	1969	1978	Diff. % 1956-69	Diff. % 1969-78	Diff. % 1956-78
<b>KINGS</b>						
White Spruce	689	1 298	1 807	88	39	162
Spruce (red & black)	1 889	3 472	2 699	84	-22	43
Fir	1 392	1 913	1 594	37	-17	15
Hemlock	343	302	279	-12	-8	-19
Pines	729	498	736	-32	48	1
Other Softwood	36	52	68	44	31	89
Total Softwood	5 079	7 538	7 192	48	-5	42
Sugar Maple	237	358	408	51	14	72
Red Maple	989	1 684	2 165	70	29	119
Yellow Birch	188	444	372	136	-16	98
White Birch	377	843	952	124	13	153
Aspen	256	557	1 170	118	110	357
Other Hardwood	636	466	634	-27	36	
Total Hardwood	2 685	4 355	5 705	62	31	112
TOTAL	7 765	11 894	12 898	53	8	66
<b>ANNAPOLIS</b>						
White Spruce	1 633	1 175	1 801	-28	53	10
Spruce (red & black)	5 193	6 284	5 865	21	7	13
Fir	3 243	2 311	1 844	-29	-20	-43
Hemlock	1 284	1 120	921	-13	-18	-28
Pines	2 661	2 622	2 452	-1	-6	-8
Other Softwood	76	196	156	158	-20	105
Total Softwood	14 092	13 710	13 042	-3	-5	-7
Sugar Maple	462	453	582	-2	28	26
Red Maple	2 390	3 676	4 078	54	11	71
Yellow Birch	504	366	451	-27	23	-11
White Birch	788	1 055	1 390	34	32	76
Aspen	626	713	1 019	14	43	63
Other Hardwood	1 443	1 573	2 079	9	32	44
Total Hardwood	6 215	7 838	9 605	26	23	55
TOTAL	20 307	21 549	22 648	6	5	12

1 Cubic Metre = 35.314 Cubic Feet

TABLE 68 (Continued)  
 VALLEY SUBDIVISION  
 COMPARISON 1956, 1969 AND 1978 VOLUME DATA BY  
 OWNERSHIP AND SPECIES

OWNERSHIP & SPECIES	Gross Cubic Metres					
	1956	1969	1978	Diff. % 1956 -69	Diff. % 1969 -78	Diff. % 1956 -78
SUBDIVISION						
White Spruce	2 323	2 473	3 651	6	48	57
Spruce (red & black)	7 082	9 757	8 531	38	-12	20
Fir	4 635	4 225	3 468	-9	-18	-25
Hemlock	1 628	1 422	1 188	-13	-16	-27
Pines	3 390	3 121	3 159	-8	1	-7
Other Softwood	113	248	223	119	-10	97
Total Softwood	19 172	21 248	20 224	11	-5	5
Sugar Maple	700	812	995	16	23	42
Red Maple	3 380	5 360	6 235	59	16	84
Yellow Birch	693	811	830	17	2	20
White Birch	1 166	1 899	2 351	63	24	102
Aspen	883	1 271	2 221	44	75	152
Other Hardwood	2 080	2 040	2 685	-2	32	29
Total Hardwood	8 901	12 194	15 324	37	26	72
TOTAL	28 073	33 443	35 549	19	6	27

1 Cubic Metre = 35.314 Cubic Feet

TABLE 69

SPECIES DISTRIBUTION AS PERCENT OF GROSS VOLUME FOR VALLEY SUBDIVISION  
SPECIES FOR 1956, 1969 AND 1978 INVENTORIES BY COUNTY

SPECIES	KINGS			ANNAPOLIS			SUBDIVISION		
	1956	1969	1978	1956	1969	1978	1956	1969	1978
White Spruce	9	11	15	8	6	8	8	8	10
Spruce (red & black)	24	29	22	26	29	27	25	29	25
Fir	18	16	12	16	11	8	17	13	10
Hemlock	5	3	2	6	5	4	6	4	4
Pine	9	4	6	13	12	12	12	9	10
Other Softwood			1		1	1		1	
Total Softwood	65	63	58	69	64	60	68	64	59
Sugar Maple	3	3	3	2	2	2	3	2	3
Red Maple	13	14	15	12	17	17	12	16	16
Yellow Birch	3	4	3	3	2	2	3	2	2
White Birch	5	7	7	4	5	5	4	6	6
Aspen	3	5	9	3	3	5	3	4	7
Other Hardwood	8	4	5	7	7	9	7	6	7
Total Hardwood	35	37	42	31	36	40	32	36	41
TOTAL	100	100	100	100	100	100	100	100	100

TABLE 70

COMPARISON OF VOLUME PER HECTARE IN GROSS CUBIC METERS  
FOR VALLEY SUBDIVISION 1956, 1969 AND 1978

	SOFTWOOD			HARDWOOD			TOTAL		
	1956	1969	1978	1956	1969	1978	1956	1969	1978
KINGS	36.5	47.7	39.1	19.2	27.5	27.9	55.7	75.2	67.6
ANNAPOLIS	53.3	49.8	40.7	23.5	28.4	27.2	76.8	78.2	67.9
ALL	47.5	48.9	40.1	22.0	28.1	27.4	69.5	77.1	67.5

1 Cubic Metre per Hectare = 14.291 Cubic Feet per Acre