

# CAPE BRETON ISLAND SUBDIVISION 1970



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# nova scotia forest inventory



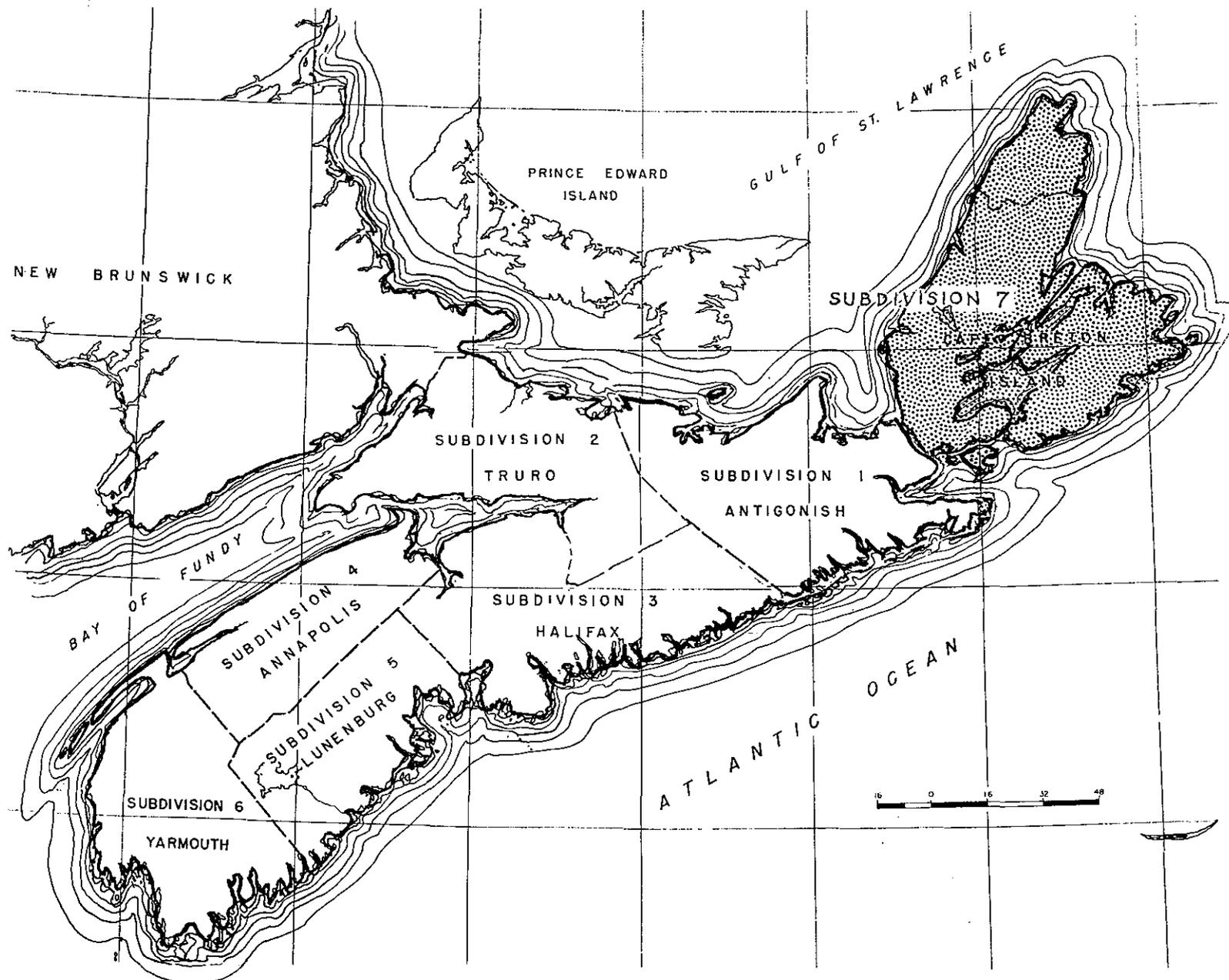
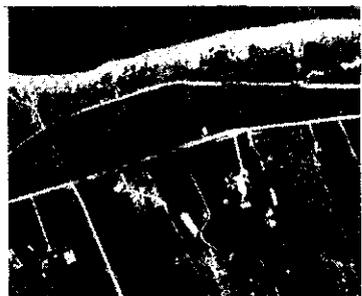
COMPILED BY FOREST PLANNING DIVISION  
PREPARED BY EDUCATION & INFORMATION DIVISION

DEPARTMENT OF LANDS AND FORESTS  
PROVINCE OF NOVA SCOTIA

# Subdivision VII:1970

1M/72

# Provincial Forest Inventory Subdivisions



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# I Introduction

This is one in a series of seven reports on the current status of the forest resource of Nova Scotia. It presents data for a single subdivision of the provincial forest inventory which commenced in 1964-65. The seven inventory subdivisions, with their counties and municipalities, are shown at right.

These are the same subdivisions used in the 1953-1958 provincial forest inventory (Frontispiece). Each contains roughly one-seventh of the total area of the province. To complete the photography, field-work, mapping and compilations for one of these units takes approximately two years. But because all four work phases are proceeding simultaneously on several units, each subdivision takes the equivalent of one year to complete. Thus the inventory is to operate on a seven-year cycle of remeasurement, producing on the average one subdivision report a year, and a new report on each subdivision every seven years.

This regularity is one advantage of the continuing forest inventory system over methods used so far in Nova Scotia. Another advantage is that fresh data on growth and yield are obtainable at any time from a system of permanent plots being concurrently established throughout the province.

<u>Subdivision</u>	<u>Counties</u>	<u>Municipalities</u>
I Antigonish	1. Pictou 2. Antigonish 3. Guysborough	1. Pictou 2. Antigonish 3. St. Mary's 4. Guysborough
II Truro	1. Cumberland 2. Colchester	1. Cumberland 2. Colchester
III Halifax	1. Hants 2. Halifax	1. West Hants 2. East Hants 3. Halifax
IV Annapolis	1. Annapolis 2. Kings	1. Annapolis 2. Kings
V Lunenburg	1. Queens 2. Lunenburg	1. Queens 2. Lunenburg 3. Chester
VI Yarmouth	1. Digby 2. Yarmouth 3. Shelburne	1. Clare 2. Digby 3. Yarmouth 4. Argyle 5. Barrington 6. Shelburne
VII Cape Breton Island	1. Inverness 2. Victoria 3. Richmond 4. Cape Breton	1. Inverness 2. Victoria 3. Richmond 4. Cape Breton

The initial inventory cycle is due for completion in 1972 with the publication of the report on Subdivision VI, Yarmouth. By this time remeasurement of the early subdivisions is to have begun again for the second cycle.

## II Background

### TWO EARLY SURVEYS

The current series of reports constitutes the fourth description of Nova Scotia's forest resource published since 1800.

The first such report was prepared by Titus Smith as a result of his walking survey of 1801-02, which was sponsored by Lieutenant-Governor Wentworth of Nova Scotia.

The next, entitled Forest Conditions of Nova Scotia, was published in 1912. It was prepared by Dr. B. E. Fernow of the University of Toronto Forestry Faculty. He was hired to survey the resource after the lumbermen of western Nova Scotia pressed the government for such a step.

Dr. Fernow's survey was the first to collect the type of information which we might today expect from a forest inventory. His report included data on species distribution, standing volumes, growth rates and wood consumption. Accompanying these data were small-scale forest type maps. There was also an assessment of the regrowth on burned areas, and recommendations for action to preserve and improve the resource.

All this information was collected from people who had an intimate association with the woods: lumbermen, woodlot owners, farmers, trappers, and others. Considering how few of his conclusions were based on actual measurement, Fernow's report is truly a remarkable document.

### THE 1958 INVENTORY

Some forty years passed before the province again took stock of its forests. With the passage of the Canada Forestry Act in 1949 by the Federal Government, money was provided on a 50:50 basis between the Federal and Provincial Governments to carry out another forest inventory. This survey was carried out between 1953 and 1957, and the results of the survey appeared in a book entitled The Forest Resources of Nova Scotia, published by the Department of Lands and Forests in 1958. It provided the first complete set of large-scale photographs and forest type maps. It also produced the most comprehensive information yet obtained on species, acreages and volumes.

### THE 1965 INVENTORY

Although the present provincial inventory is the fourth assessment in Nova Scotia's history, it is the first to be carried out on a continuing basis. One of the recommendations arising out of the 1958 inventory was that such a continuing system be instituted to replace the intermittent type of survey. With the formation of the Voluntary Economic Planning Program a few years later, the Forestry Sector revived this recommendation and urged its prompt adoption.

Accordingly, in the winter of 1964-65 the Department of Lands and Forests convened a meeting of all foresters in Nova Scotia. Also invited were specialists from consulting firms, the Federal Department of Forestry, and the University of Maine. The proposal of a continuing forest inventory program for Nova Scotia was set before them and won approval. Out of this meeting and previous discussions at various levels in the Department came a decision to adopt the system. A seven-year cycle of remeasurement was chosen.

Large-scale forest inventories are usually done by outside forestry consultants working under contract. The present survey is unusual in that, except for help from a forestry consultant in drawing up the original specifications, it is being carried out by Department personnel.

This arrangement has several advantages. One is that it allows Department specialists, who have easier access to the forests than would an outside agency, to check their work more frequently. Another advantage is that it provides employment for Nova Scotia rangers and other personnel. Most important, it produces a core of trained local technicians who are familiar with our forests, and who will become more so with time and experience. The Department can draw on this accumulated knowledge whenever necessary.

#### REASONS FOR A FOREST INVENTORY

In any well-run business, an annual stock-taking is necessary to determine the profit position. The forest resource must also be assessed from time to time. However, unlike the business inventory, which is a

simple count of merchandise, the forest inventory must measure a living, changing stock. This means that the information soon goes out of date. Taking inventory of the forest resource is further complicated by the need to consider varying levels of utilization in the wood market. For instance, a chemical pulp mill may use low-grade pulpwood of many species, while a veneer mill may use only high-quality logs of yellow birch and hard maple. Yet the data must be collected and compiled in such a way that both users can extract useful information.

The forest type maps and aerial photographs being produced from this inventory should benefit both public and private land managers in their efforts. They should prove useful in locating areas that require reforestation, harvest cutting, and forms of silviculture. They should also assist provincial fire fighters, owners wishing to locate roads, cruisers assessing smaller ownerships, and other resource managers.

Another unusual feature of the present inventory is that forest type maps for private forest lands are being produced. This is not done in most provincial inventories, except on a shared-cost basis with the owners. Ordinarily the landowner can obtain forest data, but no forest type maps. However, Nova Scotia's unusually high ratio of private woodland to Crown woodland (about 3:1) makes it necessary to produce such maps for both land classes.

Because this report is basically a summary, it omits much detailed information such as stock tables, volume estimates by forest types, and volumes for temporary sample plots. These and other data are however available at the Truro office of the Depart-

ment of Lands and Forests.

### LIMITS OF INVENTORY DATA

It should be pointed out that the inventory was designed to give volumes on a municipality basis. Therefore, using the volume data for areas smaller than the 300,000 acres of a municipality falls outside the accuracy limits of the inventory, and may not give reliable volume estimates.

Applying the volume data to a smaller area would require supplementary field work on the part of the owner. The smaller the ownership, the more supplementary work would have to be done.

## III Method

### GENERAL

As mentioned before, the present inventory is using the same seven subdivisions employed in the 1958 provincial forest inventory. One subdivision consists of two to four counties. This size was chosen as a reasonable working unit on the basis of the work entailed in training, organizing and supervising the necessary staff.

For each subdivision, data will be presented by the subdivision and the municipalities. Information will also be given by four ownership classes: Federal Crown, Provincial Crown, private land of 1,000 acres or more, and private land under 1,000 acres.

To carry out such an inventory, it has been necessary to rely on the staff and facilities of various agencies. These included the Department's Divisions of Forestry\*, Surveys and Mapping, and Extension\*; as well as the Province's Department of Mines, the Queen's Printer, and the Division of Management Consulting Services. The early stages required the use of computer facilities in Halifax, Toronto, Montreal, and the University of Maine. This co-operative involvement is illustrated below:

Aerial photography	Done under contract to private firms
Specifications	Survey Division and Forest Inventory
Checking photos	Survey Division and Forest Inventory
Photo Interpretation	Forest Inventory
Establishment of Plots	Forest Inventory
Mapping	Survey Division Forest Inventory Department of Mines Private Firm
Programming, data processing and compilations	Division of Management Consulting Services and initially private firms
Report	Forest Inventory Education & Information Division Queen's Printer

The inventory program calls for the random location of 300 to 600 temporary line plots for one subdivision each year. These plots are established

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\* Since renamed (under the Department's 1970 re-organization) Forest Planning, & Education and Information, respectively.

at the rate of eight per map sheet, each sheet covering  $7\frac{1}{2}$  minutes of latitude by  $7\frac{1}{2}$  minutes of longitude. The plots run at right angles to the local watersheds, and are one mile long by 16.5 feet wide. The number required may be revised as the result of progressive determinations of standard errors, provided this will improve accuracy without exceeding cost limits.

The desired accuracy calls for volume estimates on a municipality which come within ten per cent at a probability level of nine out of ten times. That is, if a particular number of sample plots was established ten times, the volume estimates would be within plus or minus ten per cent nine of the ten times; the tenth could range outside plus or minus 10 per cent.

### SCHEDULE

The inventory can be divided into seven phases. In the general sequence in which they are performed, these are as listed at right:

Aerial photography  
 Interpretation of photographs  
 Establishment of temporary sample plots  
 Establishment of permanent sample plots  
 Mapping  
 Processing of data  
 Report

Because of the inherent complexity of an inventory program and the need to rely on various agencies and their facilities, a work schedule is of prime importance in meeting completion dates.

The schedule of completion dates developed for the present inventory is as shown in the table below.

Subdivision	Photography	Photo-Interpretation	Fieldwork	Compilations and Report	Mapping
Antigonish	1964	1965	1965	1968	1968
Lunenburg	1965	1966	1966	1968	1968
Halifax	1966	1967	1967	1968	1969
Truro	1967	1968	1968	1969	1971
Annapolis	1967	1969	1969	1970	1971
Cape Breton Island	1969	1970	1970	1971	1972
Yarmouth	1970	1971	1971	1972	1973

## AERIAL PHOTOGRAPHY

Specifications for photography are generally based on the latest recommendations of the Federal Inter-Departmental Committee on Air Surveys. The scale is 1:15,840 (1 inch = 20 chains), with a permissible variation of plus or minus five per cent. Tilt is not to exceed 2.5 degrees; crab is not to exceed 3 degrees.

The flight lines run as nearly east and west as possible, with a maximum allowable departure of seven per cent of picture width. Forward overlap averages 60 per cent plus or minus 4 per cent; lateral overlap 20 per cent plus or minus 10 per cent. In the event of re-photography, the unsatisfactory lines or portions thereof shall be reflight along the original lines of flight.

The specifications call for Cronor type 136 film on topographic safety base, or its equivalent or superior. This is black-and-white panchromatic film. Infrared (heat-sensitive) film was tried during the summer of 1964 in the Antigonish Subdivision, but the results were disappointing.

Kodak has developed a new type of printing paper, Kodak No. 1902, which is required in the specifications. Prints are supplied on this paper on request. It has a plastic texture and resists curling and moisture.

Photography of Subdivision I was done during spring and summer of 1964. The fall color-change period is ideal, but weather limitations make photographing in spring, and sometimes summer, necessary. Winter photography is avoided if possible.

Negatives of the Antigonish Subdivision are numbered by the contracting firm according to the system used by the National Air Photo Library. At the start of each film roll the following information is given: film roll number, line number, photo number, flight line direction, camera type and lens, day, month, year, altitude, and job number. Successive negatives on a film roll show only roll number and photo number except where a new flight line begins. Then the detailed annotations are made, omitting date and camera information. Each photograph was also marked on the back by Department personnel for filing purposes.

For the 1965 and subsequent photography the Department requested additional annotations on the negatives to show: the subdivision, amended flight line number, photo number, and day, month and year of the photography. This annotation always appears on the west edge of each negative and photograph. The flight lines are numbered consecutively from south to north commencing with line number one. The negatives and photographs are numbered consecutively from west to east along the flight line commencing with negative number one. These changes speed the orienting and filing of pictures.

As the photos are received they are inspected to see whether they meet the specifications.

Flight reports are kept on file in Halifax and Truro. Additional information can be supplied on request. Index maps are available from the Surveys and Mapping Division in Halifax.

The Department of Lands and Forests retains the rights and title to the negatives and other working materials. These negatives are stored at the National Air Photo Library in Ottawa, from which contact prints, enlargements, reductions and mosaics are available for a fee. In 1969 the Department had Cape Breton Island flown using color film. The resulting color prints were used for photo-interpretation.

### PHOTO-INTERPRETATION

Since only the central portion of each photograph is effective, the first step in interpretation is to mark off the net area to be classified. This is done by drawing the four midlines of the north, south, east, and west overlaps. The effective area so defined equals one-third to one-half the photo area.

Each prospective photo-interpreter must pass a Zeiss test for stereoscopic vision before being assigned to this project. With the aid of an Abrams height finder, a parallax wedge, an air-photo circular slide rule, and crown closure scales, the photo-interpreter proceeds to classify forest types.

Until the interpreter is proficient in this work, he is encouraged to check classifications frequently against actual ground types.

During the first winter, photo-interpretation was checked by the consultant. It is now being supervised by an experienced department specialist.

To achieve consistent interpretation in the Antigonish Subdivision, 20 to 30 pairs of photographs were selected, ground-checked and typed to illustrate typical forest types in the Subdivision. These stereograms, which were prepared by highly skilled photo-interpreters,

acted as standards for classifying the variations encountered in species composition, height, density, and site.

Further use of stereograms is therefore indicated. In time these can form a valuable reference library for succeeding projects.

On completion of fieldwork, the typing is revised with new knowledge obtained from the plots themselves and from information recorded by the cruiser on his way to and from the plots.

Photo interpretation is not a science but a highly skilled art. The photo interpreter must have a knowledge of forest stands and their composition, and be able to relate this knowledge to photographic images in identifying forest stands. Pre-typing the photos, running field checks through the area, and then correcting from the field checks is the best way to become proficient in the work. This requires much study of the types under stereoscope in the field, and in the office.

### CLASSIFYING FOREST LAND

There are differences between classifying forest land on the photograph and on the ground. The ground classification is in two instances more detailed. Thus although only three crown closure classes are used in typing photographs, five are recognized in typing temporary and permanent sample plots. Similarly, the photo-interpreter uses three site classes, but the cruiser six. On the other hand, height classes and cover type classes are identical in both systems. Age classes apply only to field typing.

To illustrate these similarities and differences, all the definitions used by photo-interpreters and cruisers in classifying forest lands are compared below.

Cover Type Classes

Photograph	Field
Softwood (S) -- Less than 25% hardwood by volume	Same
Mixedwood (M) -- 26% to 74% hardwood by volume	Same
Hardwood (H) -- More than 75% hardwood by volume	Same

These cover types are separated on the basis of relative volume indications, except in stands of regeneration age, where relative stocking is used. In young stands a combination of relative volume and stocking is used.

Crown Closure Classes

Photograph	Field
(Crown Closure Classes)	(Stand Density Classes)
1. Up to 40% crown closure	1. Up to 40% density
2. 41% to 60% crown closure	2. 41% to 60% density
	3. 61% to 80% density
3. 61% to 100% crown closure	4. 81% to 100% density
	5. Overstocked

Here the photo classes are separated using crown closure aids. The field classes employ the Nova Scotia

Site Quality Normal Yield Tables for Softwoods (normal density concept), which make use of basal area. Hence the two extra field classes.

Height Classes

Photograph	Field
A. Up to 15 feet	Same
B. 16 feet to 30 feet	Same
C. 31 feet to 50 feet	Same
D. 51 feet and over	Same
E. Uneven heights, non-classifiable	Same

Age Classes

Photograph	Field
Not classified	A. Up to 20 years
	B. 21 to 40 years
	C. 41 to 60 years
	D. 61 to 80 years
	E. 81 to 100 years
	F. Over 100 years
	UA. Unevenaged

Age classes are not classified on the photographs because it is very difficult to do so accurately. An attempt to do this on the Antigonish Subdivision gave interpretations which were only about 60 per cent correct. Consequently age classes do not appear on the maps, and age classification has been discontinued from the photo-interpretation programme.

Site Classes

<u>Photograph</u>	<u>Field</u>
III Good or above average	I II III
IV Average	Same
V Poor or below average	V VI

Site quality is determined in the field on the basis of the height-age relationships of dominant and co-dominant trees. That is, the heights of the taller trees at given ages provide a measure of the tree-growing capacity of the site. Height-age curves constructed from the Nova Scotia Site Quality Normal Yield Tables for Softwoods are used for this.

Recent Burn

<u>Photograph</u>	<u>Field</u>
A single class for burns occurring within last 10 years; denoted by symbol (++)	Same

Recent Clearcut

<u>Photograph</u>	<u>Field</u>
A single class for clearcuts occurring within last 10 years; denoted by symbol CC	Same

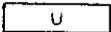
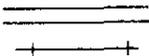
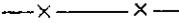
These are the categories used in classifying forest land. Map symbols denoting these categories or classes are used to distinguish the types so classified. For example, the multiple symbol S2C distinguishes a softwood type containing less than 25 per cent hardwood by volume, having a crown closure of from 41 to 60 per cent with heights of 31 to 50 feet, and growing on an average site of IV. Because of the prevalence of site class IV, stands in this category are not so indicated in the map symbols. All other site classes are designated. (E.g. a similar stand on a site class II would be identified by the symbol S2CII).

The minimum size of forest type in this classification is three acres; any type smaller than this is merged with an adjacent type.

CLASSIFYING NON-FOREST LAND

Non-forest land is that which, because of present usage, past burns, drainage conditions, exposure, or lack of soil, are not likely to become productive forest land. It is classified the same on photographs and in the field. The classification and map symbols are as follows:

Bog and Open Muskeg	
Treed Bog or Muskeg	
Alders and Brush	
Rock Barren	
Agricultural and Marsh Land	

Urban	
Roads and Railroads	
Transmission Lines	 
Water Flowage	
Tidal Flats	

### FIELD WORK

#### Temporary Sample Plots

For better statistical analysis of volume data, the plots were located on a random basis. As the controlling block for this procedure, map sheets from the Crown Land Forestry Series (7½ minutes latitude by 7½ minutes longitude; about 32,000 acres) were used.

The maximum number of plots per full map sheet at first was set at 10. The ideal system would be to employ as many plots as would be required to provide accurate estimates for every ownership on each map sheet. But, because of limitations imposed by economy, time and weather, this is impractical in a province-wide inventory. Therefore the number of temporary sample plots per map sheet was reduced to eight.

Before the start of fieldwork each spring, the temporary plots must be located and plotted. To fix the starting points of plots, a transparent dot grid having numbered coordinates is used in conjunction with a table of random numbers. For each map sheet,

numbers, are selected from the table and translated into latitude and longitude references. The locations so defined are then examined for their suitability as starting points. To be suitable, a location must lie within the boundary of that map and permit the running of a one-mile strip in some direction without encountering salt water or leaving the subdivision. Locations not satisfying those requirements are eliminated. The first eight suitable points on any given sheet determine the starting points of the eight sample plots for that map.

Once these points are settled, the course of each plot is determined. The guide here is that the plot strips should wherever possible cross the main trend of drainage. This minimizes bias. Magnetic bearings are used. Proceeding clockwise, the cardinal directions are considered first. If none of the four yields a suitable line, 45-degree offsets are next investigated. This procedure is repeated around the azimuth circle until a satisfactory course is found.

When a course for the eight points on each map sheet has been selected, the sample plots are located on a base map and on the aerial photographs. Also located on these maps and photos are the boundaries of land ownerships in the area. These are plotted as accurately as possible from the latest known information.

The dimensions of each line plot are one mile long by 16.5 feet wide (two acres). The forest types and other land classification traversed by this strip are recorded to the nearest one-tenth chain. A separate sheet is used for each forest and non-forest class encountered.

Along each strip all living trees in the four-inch DBH class and greater are calipered for diameter, and recorded by species and diameter class on tally sheets. At five points along each strip (0, 20, 40, 60, 80 chains) detailed measurements are made on three selected sample trees.

Selecting these trees is done on the basis of the three nearest trees of commercial species and merchantable size. The following data are recorded for each: species, DBH, crown class, tree condition class, total height, merchantable height, actual age, projected age, top merchantable diameter outside bark, and stump height. Where no suitable trees occur within the strip, outside samples may be measured.

Diameters are measured outside bark with a diameter tape, and recorded to the nearest tenth-inch class.

Crown class is decided on the basis of four classes defined in Forest Terminology of the Society of American Foresters: dominant, codominant, intermediate, and suppressed. For a detailed description of each class, see section IV.

Tree condition classes are assessed according to whether trees are normal, or show excessive crook, excessive rot, and seams or scars.

Heights are measured with a cloth tape and Spiegel Relaskop and recorded to the nearest one-foot class. Merchantable height is determined on the basis of form, branching, visible defects, or a four-inch top diameter outside bark.

Tree ages are found by means of increment borings made

at breast height (4.5 feet above ground level). Actual age is estimated by adding 10 years to this age. Where initial suppression results in an abnormally high age count, a correction is made by projecting for rings of normal (free-growing) width in place of the narrow rings, to arrive at a normal age.

The sample tree data are used to indicate the proper volume tables and formulae to use in calculating tree and plot volumes.

Four ownership classes are recorded, as follows:

Crown land (provincial)

Ownerships of 1,000 acres and more

Ownerships under 1,000 acres

Military reservations and parks (Federal)

The cruiser, party chief and forester are responsible for editing the sheets to ensure that they are properly completed and that fieldwork is satisfactory.

#### PERMANENT SAMPLE PLOTS

An important part of the inventory program is the establishment of approximately 1,750 permanent sample plots between 1965 and 1971. Unlike the temporary plots, which are employed to give volume estimates at a given point in time, and then abandoned, these tenth-acre, circular permanent plots are designed for repeated measurement on a province-wide basis.

The acreages and volumes given in this report are obtained from temporary sample plots. These figures represent the net result, up to the time of measurement, of all the factors which added or subtracted wood during the life of the stands sampled. On the credit side, growth added volume. On the debit side, the factors of cutting, disease, insects, animals, storms and overcrowding subtracted volume. What the temporary plots reveal is the net result of this interplay to a given date. They give a static picture.

But because of the continuous interaction of growth and drain, this picture goes rapidly out of date. Therefore information on growth and drain and yield must be obtained on a continuing basis. In a sense the temporary plots do this--every seven years. Their data, however, comes each time from different trees and different areas, due to the random nature of the sampling. So a separate but complementary system is needed.

Permanent sample plots fill this need. They are established at random, accurately located on maps, and can be recognized in the field by blue paint markings and a metal centre post.

On each plot all living trees 3.6 inches and larger at breast height are marked at the 4.5-foot level and numbered with blue paint. These identification marks permit later re-measurements to be made on the same trees and ensure that diameter will be taped at the same level every time. A truer comparison of growth can thus be made. As an extra precaution, a metal number tag is nailed to the base of each tree.

Once the trees have been numbered and marked, detailed measurements begin. The data collected are essentially the same as those collected for the sample trees on temporary plots. However, age is not ascertained for each tree, but only for enough trees to show average age--or the range of ages, as the case may be.

Trees in the one-inch to three-inch diameter classes are not numbered, but are tallied to the nearest one-inch class. This tally provides valuable information on patterns of mortality and ingrowth in the smaller diameter classes.

Each permanent sample plot is to be re-measured five years after its establishment, and every five years thereafter. Thus a cyclic pattern of re-measurement is to apply. No general assessment of the growth and yield information so obtained is contemplated until the first cycle of re-measurement has been completed, about 1971. However, the plot information will be compiled, and volume summaries will be available at the Forest Inventory office in Truro.

The permanent sample plots are being established randomly on all ownerships. All landowners are urged to treat these plots as they would any of their other forest holdings. That is, if plans call for logging a stand in which a plot is located, the plot area should be cut as well. If this impartiality is not observed, the estimates will be biased.

## MAPPING

The objective is to produce forest type maps of the whole province for distribution on request. These will be available in three scales: one inch to twenty chains, one inch to forty chains and one inch to eighty chains. This requires 500 to 600 maps in each case, the smaller scales being on smaller sheets for easier handling.

The making of these maps entails many steps. These reduce to three main ones: preparing a special base map negative of one inch to twenty chains from the latest topographic and tenure information, transferring to this negative the forest types obtained from aerial photographs, and eventually producing a positive print showing all this information plus a legend.

At this point, negatives for the two smaller scales are made by photographic reduction from the original. These yield two scaled-down positives of the original positive. The three positives are then used to produce white prints in the three scales.

Careful editing is essential at each stage of mapping to ensure that all information is accurate, that type lines match between adjacent sheets, and that presentation is consistent throughout.

## PROCESSING AND COMPILING DATA

Compiling acreages, volumes, volume tables and reports used to be one of the slowest parts of an inventory program. It was more time-consuming than the fieldwork. But in recent years a reversal has been taking place. Mechanical tabulation is steadily shortening the

office work. Computers are being used to make necessary compilations, to print out tables, and to store information. These steps are now being done at fantastic speeds compared to previous standards. Data, recorded and stored on tapes, can be instantly recalled. This technique replaces the slower method of having the machine scan every card in order to locate data of current interest.

## PROGRAMMING THE COMPUTER

To use these techniques, every detail of the reporting and compiling process must be programmed into "computer language". This requires that the programmer be completely informed.

The key punch operator can then punch onto cards the tally sheet information obtained from the temporary plots. One card receives the tally information, another the sample tree data, and a third miscellaneous information. All three are identified by the subdivision, county, municipality, ownership, plot number, forest and land classification, and so on. Editing follows, and any incorrectly recorded data is queried and rejected by the computer. Corrections are made where necessary. The cards are then ready for the extraction of desired information. Following a set of instructions, the computer proceeds to run the programs, as follows:

1. The sample tree programme is used to provide summaries of individual tree data, which in turn provide the basic information for preparing local volume tables. The print-out of these data is by species groups. It gives the number of trees in each diameter class (DBH), as well as average values for DBH, total height, merchantable height, stump height, merchantable top diamet-

er outside bark, and for actual and projected ages.

These data are presented for the following species groups:

1. White spruce
2. Red spruce, black spruce, larch, Jack pine
3. Balsam fir
4. Hemlock and cedar
5. White pine, red pine, scotch pine
6. Sugar maple, red maple, white birch, yellow birch, grey birch, elm, white ash, black ash, cherry, beech, others
7. Aspen, balsam poplar.

2. From the sample plot data, the acreages of the various forested and non-forested categories are next obtained. The procedure here is to total the sampled area for each land class, find the proportion which each land class occupies of the total area sampled, and apply this proportion at the municipality level by using the land and water acreages given for each municipality in the 1956 inventory.

For example, if it were found in a certain municipality that the total sample area for roads was 200 acres out of a total sample of 1,000 acres for all land classes, then the area occupied by roads would be calculated as being  $200/1000$  times the total area of that municipality as given in the 1956 inventory.

3. Volume summaries are obtained.

Published data, consisting of gross and gross merchantable cubic foot volumes are listed in section VIII.

Non-published data, as outlined below, are available from the Forest Inventory office, Truro, Nova Scotia.

- (a) Volume summaries are listed by line number for all forest (field) types.
- (b) Volume summaries are listed by line number for all like forest (photo) types.
- (c) Volume summaries are listed by municipality for all like forest (photo) types.
- (d) Modified stock tables are produced for each forest (photo) type in a municipality.
- (e) Tabulations are made of the results of the statistical analysis for each forest (photo) type and county.

#### AREA AND VOLUME ESTIMATES

Two groups of tables are compiled for the subdivision and each municipality therein: (a) area summaries, and (b) volume estimates in cubic feet. These tables appear in section VIII.

## IV Summary of Findings

This section presents the main findings of the present inventory in Subdivision VII, and compares them with those of the 1954 forest inventory in the same subdivision, on the basis of area and volume.

### FOREST CONDITIONS IN THE SUBDIVISION: 1970

#### SITE

Site evaluation is a complex problem involving species, drainage, fertility, exposure, climate, and so on. Although six classes are recognized in the inventory, on the photographs these were reduced to three groups: Site Quality IV (the most common site), those better than Site Quality IV (i. e, I, II, III), and those poorer than Site Quality IV, (i. e, V, VI). It should be noted that in selecting sample trees for site evaluation no attempt is made to use the superior trees; the basis is rather the three nearest dominant or codominant trees at each sampling point.

Approximately 80 per cent of the forest area of the subdivision is in Site Quality IV. The poorer site qualities comprise 13 per cent of the forest area, and the better site qualities 7 per cent.

#### DENSITY

Stand density is a measure of the degree to which an area is occupied by trees. In field classification the reference point is "normal density" as given in the Nova Scotia Site Quality Normal Yield Tables for Soft-

woods. These tables employ the basal area concept, which refers to the aggregate area of wood surface in square feet per acre at breast height of all trees in the two-inch class (in this case) and larger.

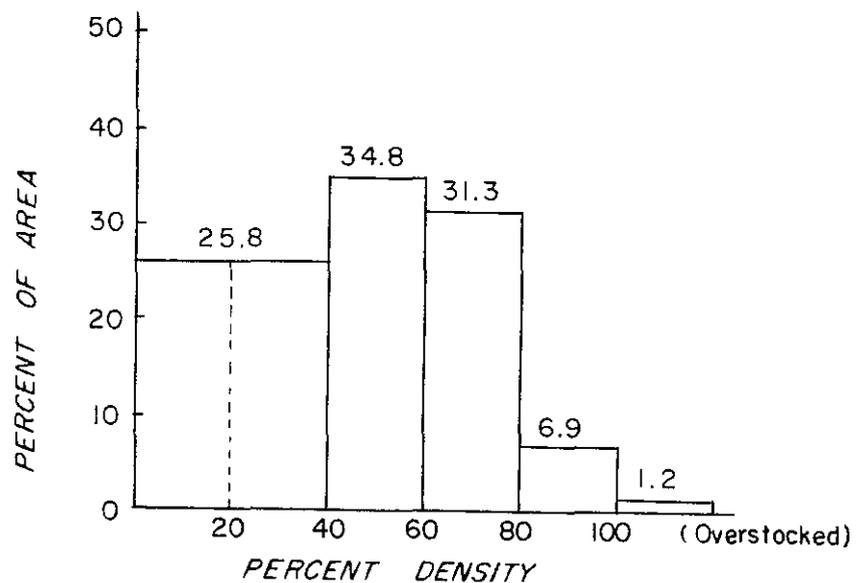
Normal density in a stand of given age-class and site quality is defined in the tables as that basal area which obtains when the site is fully occupied by trees. For convenience, basal area is usually measured by counting trees with an angle gauge designed to relate DBH and per-acre density. Density is expressed as a percentage above (overstocked) or below (understocked) the normal, which is designated as 100 per cent.

Since basal area cannot be determined from the photographs, another measure must be used to relate field classifications of density to photo classifications. Crown closure serves this purpose. (The relationship between Crown Closure Classes and Stand Density Classes in this inventory is shown on page eight.)

Using crown closure scales, the photo-interpreter determines the proportion of the type area covered by a downward projection of the crowns, and expresses this as a percentage of full coverage. The stand can then be assigned to one of three Crown Closure Classes.

Chart I on page 16 shows the pattern of stand density in the subdivision. It should be noted that because of a long history of man-made and natural disturbances, our wild stands are very clumpy in nature. A density classification can describe such stands in approximate terms only.

CHART I: PER CENT AREA BY DENSITY CLASSES,  
CAPE BRETON SUBDIVISION, 1970



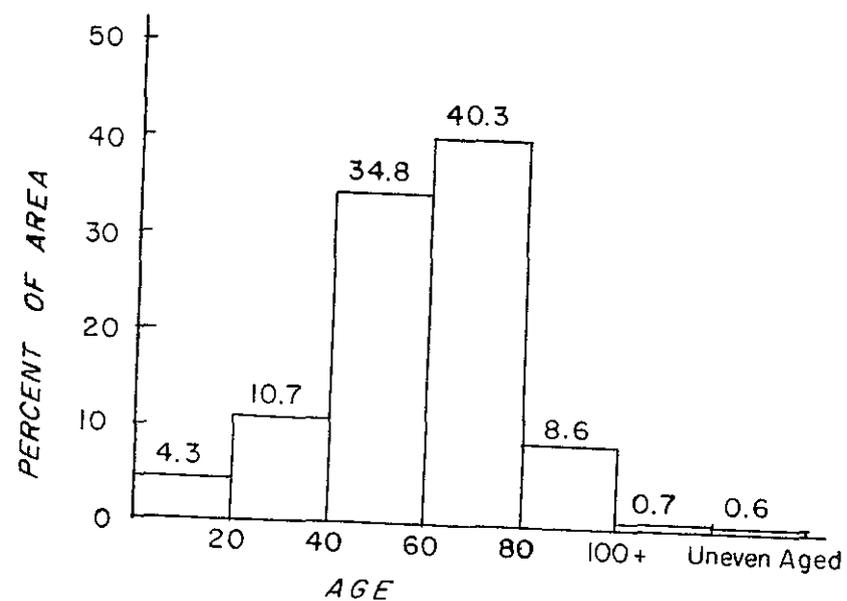
Forested Area: 2,162,310 Acres.

AGE

There are six 20-year age classes and one unevenaged class. To prevent the latter from being used as a catch-all for doubtful cases, cruisers are asked to use it only as a last resort. That is, wherever possible every stand must be assigned to a definite age class. This helps ensure that stands classified as unevenaged are truly so.

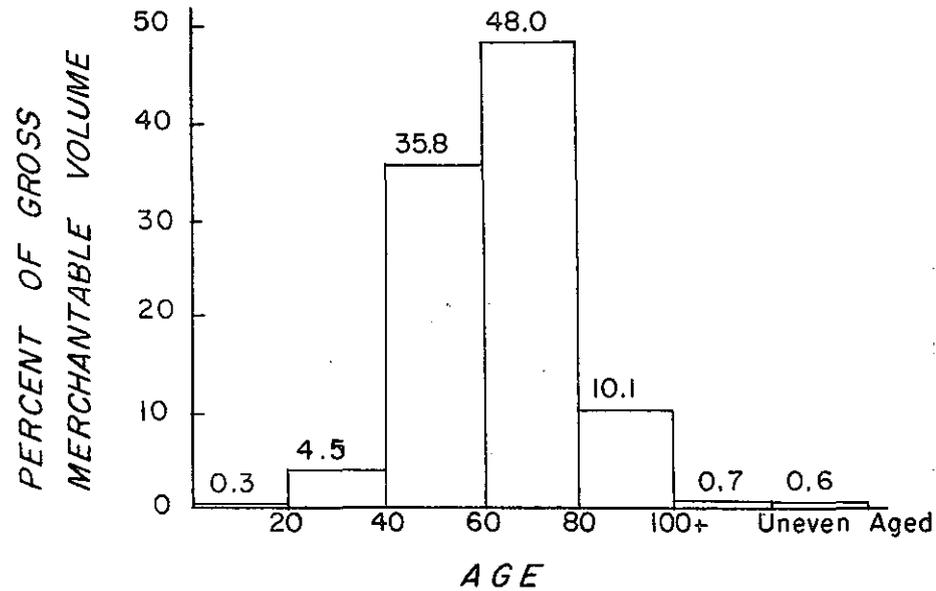
The distribution of age classes by area and gross merchantable volume in the subdivision are shown in Chart II below, and in Chart III on page 17.

CHART II: PER CENT OF AREA BY AGE CLASSES,  
CAPE BRETON SUBDIVISION, 1970



Forested Area: 2,162,310 Acres.

CHART III: PER CENT OF GROSS MERCHANTABLE VOLUME BY AGE CLASSES, CAPE BRETON SUBDIVISION, 1970



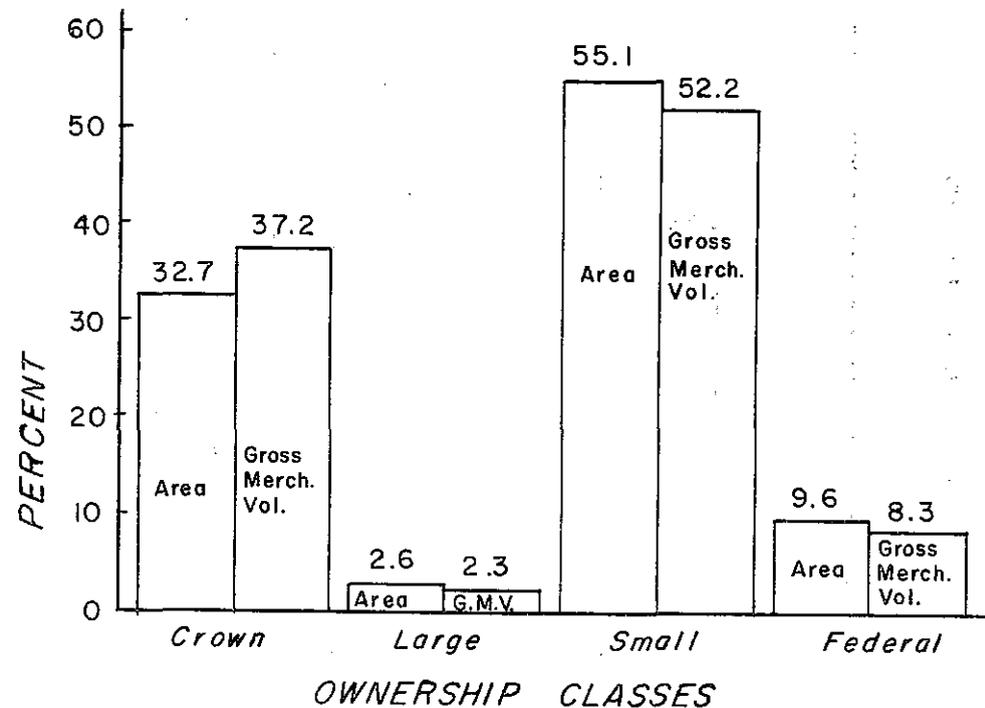
Gross Merch. Vol. : 2,223,695,000 Cubic Feet.

**OWNERSHIP**

Data for the present inventory were compiled using ownerships as one of the major groupings. Ownerships were divided into four classes: Small private holdings (less than 1,000 acres), large private holdings (1,000 acres and larger), Crown (Provincial), and Crown (Federal) holdings. These ownerships were plotted in the spring of 1970 from the best available information. The likelihood of tenure changes since then should be borne in mind.

The relationships between ownerships, area, age class, and gross merchantable volume (cu. ft.) in the subdivision are shown in Charts IV, V and VI.

CHART IV: PER CENT OF AREA AND GROSS VOLUME BY OWNERSHIP CLASSES, CAPE BRETON SUBDIVISION, 1970



Total Forested Area : 2,162,310 Acres.  
Gross Merch. Vol. : 2,223,695,000 Cubic Feet.

CHART V: PER CENT OF FORESTED AREA BY AGE CLASS AND OWNERSHIP CLASS, CAPE BRETON SUBDIVISION, 1970

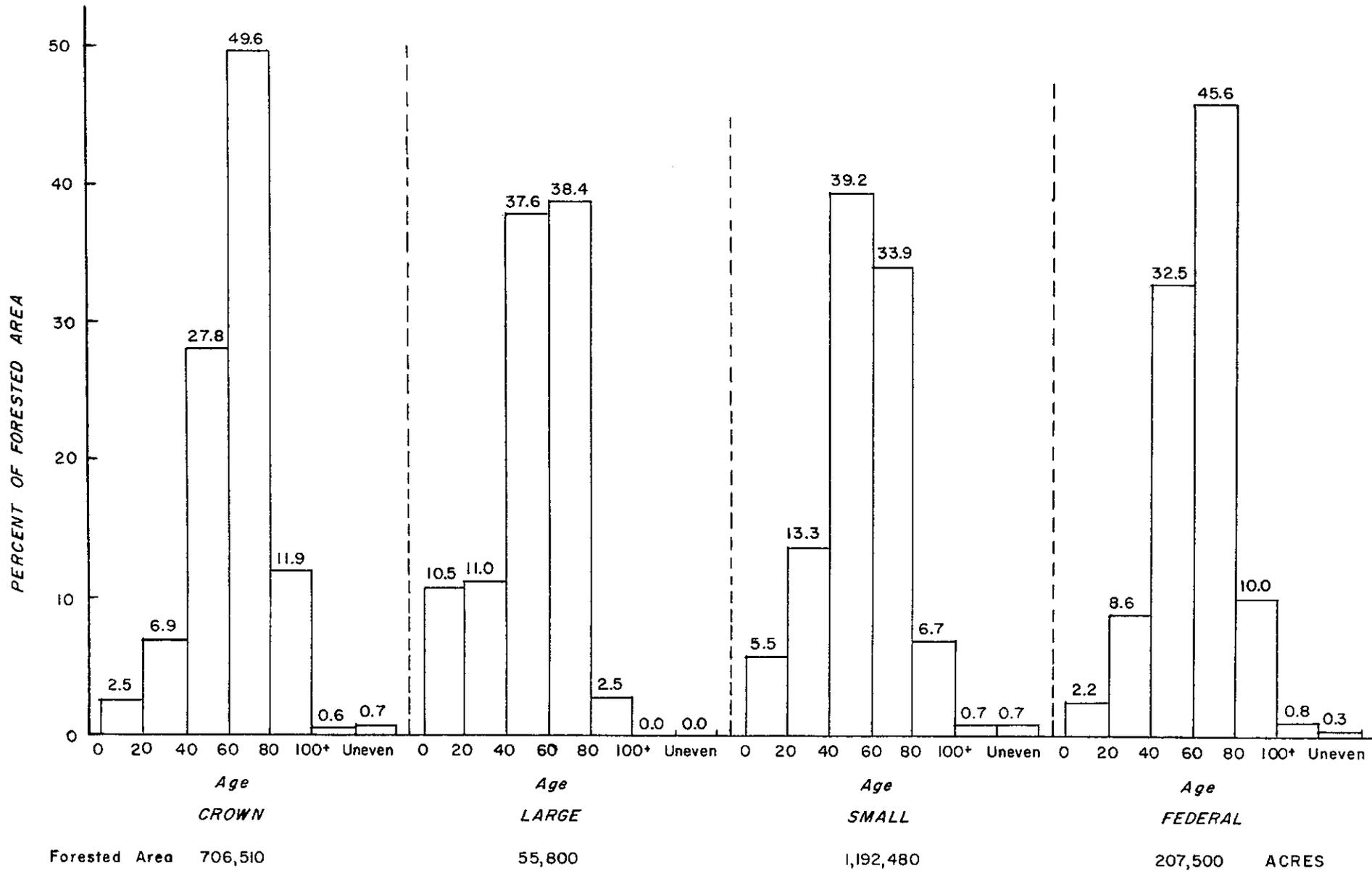
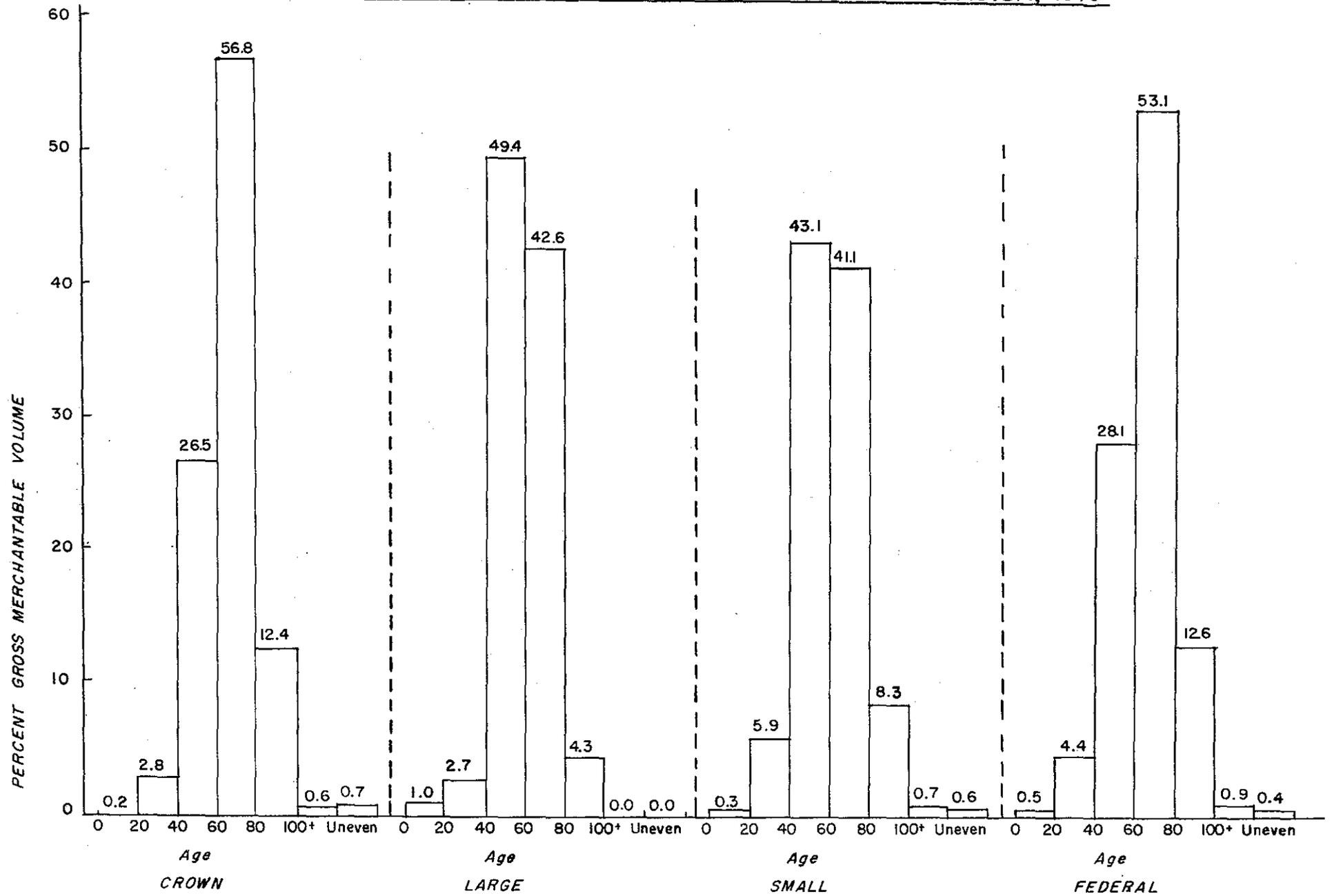


CHART VI: PER CENT OF GROSS MERCHANTABLE VOLUME BY AGE CLASS AND OWNERSHIP CLASS, CAPE BRETON SUBDIVISION, 1970



Gross Merch. Vol.: 828,316,000

49,619,000

161,094,000

184,665,000 Cubic Feet.

## TREE CONDITION

The inventory specifications call for information on four tree condition classes: "Normal", "Excessive Crook", "Excessive Rot, Seams and Scars", and "Excessive Limbiness". These classes are based strictly on visible defects, and are defined as follows:

1. Excessive Crook: Includes trees which are difficult to measure for merchantable length. These would be doubtful trees for use as pulpwood due to crook and difficulty in cutting.
2. Excessive Limbs: Includes trees, generally hardwoods and open-grown white spruce, which are difficult to measure for merchantable length, and which are suitable for pulpwood only.
3. Excessive Rot, Seams, and Scars: Includes trees having 10 per cent or more of merchantable length unusable because of rot, seams and scars.
4. Normal: Includes trees that do not fall in any of the first three classes. Where a tree classifies in more than one of the first three condition classes, the cruiser notes on the tally sheet the most evident condition.

The data are expressed as percentages of a total of 6,832 sample trees for the subdivision. Depending on the species group, the "Normal" tree condition class ranged from 78 to 100 per cent of the sample trees. The other three classes made up a relatively small proportion of the total. In most species groups, any single class other than Normal did not exceed five per cent. Regarding Class 3, (Excessive rot, Seams and Scars),

the exceptions occurred in Pine (14 per cent). Hardwood also showed a high incidence of rot, seams and scars (10 per cent).

Concerning the hardwoods, it should be noted that the basis of comparison for tree condition in this inventory was not central Canada hardwoods, but Nova Scotia hardwoods. Because of the prevalence of limbiness, top damage and over-maturity in those hardwoods, their use as standards tends to give a higher assessment of quality than if central Canada standards were used.

## CROWN CLASSES

Crown classes of sample trees were tallied as dominant, co-dominant, intermediate or suppressed, as follows:

1. Dominant: Trees with crowns extending above the general canopy level; receiving full light from above and partial light from the sides; larger than the average trees for the stand, with crowns well developed but possibly somewhat crowded on the sides.
2. Co-dominant: Trees with crowns forming the general canopy level; receiving full light from above but comparatively little from the sides; with the crowns usually medium-sized and more or less crowded on the sides.
3. Intermediate: Trees shorter than those in the preceding classes, but forming part of the same canopy level; receiving little direct light from above and none from the sides; with the crown usually small and considered crowded on the sides.

4. Suppressed: Trees with crowns entirely below the general canopy level, and receiving no direct light either from above or from the sides.

The results of this tally are shown in Table A below.

TABLE A: PERCENT OF SAMPLE TREES BY CROWN CLASS AND SPECIES GROUP, CAPE BRETON SUBDIVISION, 1970

SPECIES GROUP	CROWN CLASSES			
	Dominant	Codominant	Intermediate	Suppressed
White Spruce	18	53	24	5
Red, Black Spruce	20	62	16	2
Fir	6	52	33	9
Hemlock, Cedar	8	69	15	8
White, Red Pine	57	28	14	1
Hardwood (Other than Aspen)	9	64	25	2
Aspen	20	75	4	1

**VOLUME**

Present volume estimates at the gross merchantable level for the subdivision are shown in Table B opposite. They are expressed four ways: as cubic feet, as cords of eight-foot rough (unbarked) pulpwood, as cords of four-foot

rough pulpwood, and as board feet. The estimates are therefore independent interpretations of the same basic volume. Each column represents a complete and separate picture of the growing stock in the subdivision, expressed in a single unit of measure. The reader is asked to note that the gross merchantable volumes here given make no cull deduction whatsoever, and are based on the assumption that all areas are operable and accessible. Conversion factors are given below the table.

TABLE B: ESTIMATE OF GROSS MERCHANTABLE VOLUME AS EQUIVALENT CUBIC FEET, OR ROUGH CORDS, OR BOARD FEET: CAPE BRETON SUBDIVISION, 1970

(All values in thousands)

	GROSS MERCH.	EIGHT-FOOT <sup>(1)</sup>	FOUR-FOOT <sup>(2)</sup>	BOARD <sup>(3)</sup>
	CUBIC FEET	ROUGH CORDS	ROUGH CORDS	FEET
SOFTWOODS	1,577,800	20,200	18,500	6,157,000
HARDWOODS	645,900	8,300	7,600	3,111,000
TOTALS	2,223,700	28,500	26,100	9,268,000

- (1) Conversion factor 78 cu. ft. = one cord
- (2) Conversion factor 85 cu. ft. = one cord
- (3) Conversion factor 176 cu. ft. = 1,000 fbm of sawn product, using trees 6.6 inches DBH and larger of four-inch minimum top diameter.

The above volumes are based on certain specifications. Merchantable length or height is defined as that part of a tree which would normally be usable at a pulpwood level of utilization. Softwoods will generally be merchantable to the four-inch top diameter (outside bark)

class, with the limiting factor generally being broken tops. Hardwoods on the other hand often display poor form due to excessive limbs and crooks. Hardwoods are normally taken to the four-inch top diameter (outside bark) class, or to the point where most of the larger limbs begin. It is acceptable to have one limb below either of these points, provided the limb is under five inches in diameter where it emerges from the trunk.

Trees which are so crooked as to make piling and scaling as four-foot bolts difficult are not considered merchantable. The minimum merchantable length is four feet above stump height. Trees which branch into distinct boles within four feet of stump height are measured as separate trees and classified as such.

The standard for classifying hardwoods in this inventory is based on the type of trees growing in Nova Scotia. This fact should be borne in mind when attempting to relate the hardwood data contained herein to similar data from elsewhere.

#### COMPARISONS: 1970 AND 1954

A fundamental purpose in obtaining new forest inventory data is to compare it with previous data in order to investigate trends and to formulate policy. Comparisons can best be made when data are available from a long series of measurements made at regular intervals and under standard specifications. Unfortunately, forest data in Nova Scotia have not been so collected in the past. The present inventory system will gradually improve this situation. Comparisons will thus become more significant with time. Some area and volume comparisons between the two inventories follow.

#### AREA

TABLE C: LAND CLASSES AS A PER CENT OF TOTAL SUBDIVISION AREA, 1970 AND 1954: CAPE BRETON SUBDIVISION

Land Class	*1970	**1954	Difference
Forested			
Softwood	47.8	51.7	-3.9
Mixed Wood	23.4	19.8	+3.6
Hardwood	11.2	4.9	+6.3
Other Forested		1.7	-1.7
Subtotal	82.4	78.1	+4.3
Non-Forested			
Agriculture & Urban	5.6	10.9	-5.3
Other non-forested	12.0	11.0	+1.0
Subtotal	17.6	21.9	-4.3
Total	100.0	100.0	00.0

NOTE: "Other Forested" in the 1954 inventory includes depleted forests (recent burns and clear-cuts); in the 1970 inventory it includes plantations, recent burns, and clear-cuts. "Other Non-Forested" in 1954 and 1970 include all non-forest areas (except agriculture and urban): swamps, water, bogs, etc. Cleared rights-of-way were not classified in 1954.

\*1970 Forest Inventory figures include Cape Breton Highlands National Park and area north of it.

\*\*1954 Forest Inventory did not include Cape Breton Highlands National Park or the area north of it.

In Table C a change in the distribution of land classes is evident. Several things can account for this. One is variations in sampling, which are largely unavoidable. Another is the finer degree of typing called for in the 1965 specifications. To achieve this, field observations became the primary means for classification, instead of photo-interpretation alone, as in 1954. Because field typing in conjunction with photo-typing allows greater precision than photo-typing alone, some of the land previously classed as "Non-Forested" is now being classed as "Forested". This results in more accurate estimation of cover types.

A case in point is the apparent decrease of farmland and waste lands shown by the current data. This decrease is partly explained by the fact that wherever the 1970 field observations showed signs of such lands growing in, they were classified as "Forested". Close typing of this kind was not possible in the 1954 survey, because at that time much of the regeneration did not show on the photographs.

There is also some real decrease in agricultural land in the Subdivision due to the invasion of abandoned fields by regeneration. It might be noted that this regeneration is mostly softwood.

Each of the forest cover types above were further grouped into forest types, using cover, height, age, density and site. These forest types are of two kinds: photo types and ground types. Basically, the ground types are more detailed than the photo types. The differences are detailed in Section III.

Three of the most commonly occurring photo-types, representing 45% of the forest area of the subdivision, are:

- (a) Softwood cover of 41% to 60% density, 31 to 50 feet tall, average age 61, Site Quality IV.
- (b) Mixed wood cover of 41% to 60% density, 31 to 50 feet tall, average age 64, Site Quality IV.
- (c) Hardwood cover of 41% to 60% density, 31 to 50 feet tall, average age 66, Site Quality IV.

In all there were 93 forest photo-types sampled in the subdivision. Of the total sampled area, 22 types comprised 88 percent, and six types made up 60 percent.

Unfortunately, these forest categories cannot be effectively compared with those of the 1954 inventory, because the limits of the components which define them are different--in fact, they overlap.

## VOLUME

When comparing volume estimates of the two inventories, only gross volume (cubic feet) can be used. This is because of differences in specifications, in the tables used, and in method. Actually, there are fewer pitfalls in comparing at this level than at any other. The gross volume in 1954 was defined as the solid cubic foot content of all trees of 3.6 inches DBH and larger, and included the volume in the stems only from an average stump height of one foot to the tips of the trees, including bark.

The gross volume in 1970 includes the cubic foot volume of solid wood contained in all trees of 3.6 inches DBH and larger in the stems only from ground level to the tips of the trees, excluding bark.

If the two inventories are directly compared, we see that there is a 12.1% decrease from the 1954 gross volume. Differences in method, especially regarding volume tables and their application, are at least partly responsible for this.

In order to make such comparisons, then, allowances must be made for differences in specifications and method. The assumption is therefore made that bark volume equals stump volume. Concerning method, tests were conducted to determine what effects different approaches might have had on the resultant volume estimates in both inventories.

Four aspects were investigated: use of different volume tables, different methods of entering volume tables, different methods of applying volume tables, and differences in sample tree specifications.

The investigation showed that the 1954 gross cubic foot volumes should be reduced by 20% for softwoods and 20% for hardwoods in order to make valid comparisons with 1970 data possible.

The causes of these differences were also established. Half the discrepancy in hardwood volumes was traced to the use of softwood volume tables in 1954--there being no suitable local hardwood tables then. The other half was due to differences in sample tree specifications, and in the use of the Tables. The latter factors applied equally to softwoods and hardwoods.

In this report an additional 10 percent has been deducted from the softwood volume. This was done to correct for differences in compilation between the Cape Breton Island and mainland subdivisions in the last inventory.

Using these adjustments, and assuming bark and stump volume to be equal, the following volume comparisons between 1970 and 1954 are made for the subdivision.

TABLE D: PERCENT DIFFERENCE IN GROSS CUBIC FOOT VOLUMES BETWEEN 1970 AND 1954 \*  
INVENTORIES BY COUNTY, CAPE BRETON  
SUBDIVISION (BASE: 1954)

	Inverness	Victoria	Richmond	Cape Breton	Subdivision
Softwood	18.2	-13.3	2.3	11.5	17.7
Hardwood	42.2	-14.6	-5.2	3.9	-4.7
Total	28.2	-13.7	1.9	8.8	9.8

(Each item is compared to itself.)

\*Adjusted minus 20% for softwoods, and minus 20% for hardwoods.

NOTE: The 1954 inventory did not include Cape Breton Highlands National Park or the area north of it; this was deducted from the 1970 inventory figure to make comparisons possible.

TABLE E: PER CENT DIFFERENCE IN GROSS CUBIC FOOT VOLUME BY SPECIES BETWEEN 1970 AND 1954 INVENTORIES, USING 1954\* ADJUSTED GROSS VOLUME AS THE BASIS OF COMPARISON: CAPE BRETON SUBDIVISION.

SPECIES	PERCENT DIFFERENCE
White Spruce	-33.3
Red, Black Spruce	+14.6
Fir	+53.3
White Pine	-12.6
Hemlock	-6.8
Other Softwood	+16.1
TOTAL SOFTWOODS	+17.7
Sugar Maple	-16.4
Red Maple	+11.6
Yellow Birch	-7.7
White Birch	+12.3
Other Hardwoods	-12.4
TOTAL HARDWOODS	-4.7
TOTAL	+9.8

\*Adjusted minus 20% for softwoods and minus 20% for hardwoods. Each species compared to itself.

TABLE F: COMPARISON OF SPECIES DISTRIBUTION BY GROSS CUBIC FOOT VOLUME PERCENTAGES IN THE 1970 AND 1954\* INVENTORIES, CAPE BRETON SUBDIVISION

SPECIES	1970	1954
White Spruce	12.7	21.0
Red, Black Spruce	10.8	10.4
Fir	43.3	31.0
Other Softwoods	2.8	2.6
TOTAL SOFTWOODS	69.6	65.0
Sugar Maple	6.3	8.2
Red Maple	7.1	6.9
Yellow Birch	10.1	12.0
White Birch	3.2	3.2
Other Hardwoods	3.7	4.7
TOTAL HARDWOODS	30.4	35.0
TOTAL	100.0	100.0

\*Adjusted minus 20% for softwoods, minus 20% for hardwoods.

NOTE: The 1953 inventory did not include Cape Breton Highlands National Park or the area north of it; therefore these areas were deducted from 1970 figures to allow comparison.

TABLE G: PER CENT OF GROSS CUBIC FOOT VOLUME BY DIAMETER GROUPS IN 1970 AND 1954\* INVENTORIES, CAPE BRETON SUBDIVISION

DIAMETER GROUP (DBH)	1970	1954
SOFTWOOD		
4 to 9 inches	51.1	47.7
10 inches and over	18.5	17.3
TOTAL SOFTWOOD	69.6	65.0
HARDWOOD		
4 to 9 inches	14.2	15.4
10 inches and over	16.2	19.6
TOTAL HARDWOOD	30.4	35.0
TOTAL	100.0	100.0

\*Adjusted minus 20% for softwoods, minus 20% for hardwoods.



# V 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 these data three height-diameter curves for each species group were plotted, smoothed and balanced.

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

Honer's formula for gross volume (cubic feet):<sup>1</sup>

$$\text{Gross Volume} = \frac{D^2}{a + \frac{b}{H}}$$

where D = DBHob

H = total height

a and b = constants for each species group.

Honer's formula for gross merchantable volume (cubic feet):<sup>2</sup>

Gross merchantable volume =

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

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" in every table is defined as solid cubic contents from ground level to tip of tree, excluding bark. "Merchantable Volume" is always gross merchantable, and means solid cubic contents, excluding bark, from stump height to a minimum top diameter of 3.6 inches outside bark (or larger if deformity or damage reduces the merchantable length).

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

Where data beyond a certain DBH were not available, volumes were extrapolated. The point where extrapolation begins is shown in the tables by a dashed line.

---

1/Honer, T.G., 1965: "A new total cubic foot volume function."

For. Chron., Vol. 41, No. 4.

2/ Honer, T.G., 1967: "Standard volume tables and merchantable conversion factors for the commercial tree species of central and eastern Canada". For. Mgt. Res. and Ser. Inst. Info. Rpt. FMR-X-5, Can. Dept. For. and Rural Dev.

INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS : SUBDIVISION VII

SPECIES GROUP 1: WHITE SPRUCE

SPECIES GROUP 2: SPRUCE (red, Black): Larch, Jack,

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	0.9	0.5
5	1.6	1.2
6	2.8	2.1
7	4.1	3.4
8	5.8	5.1
9	8.1	7.0
10	10.4	9.6
11	13.4	12.2
12	16.8	15.6
13	20.4	18.8
14	24.4	23.0
15	28.9	27.8
16	34.4	32.7
17	40.0	38.4
18	46.0	44.2
19	52.5	50.4
20	59.7	57.3
21	67.4	64.0
22	75.7	72.7
23	84.6	81.2
24	93.0	89.3

DBHob inches	Gross Volume Cubic Feet	Merchantable Vo' Cubic Feet
4	1.1	0.5
5	2.0	1.4
6	3.2	2.6
7	4.9	4.3
8	7.0	6.2
9	9.6	8.7
10	12.6	11.7
11	16.1	14.9
12	20.1	18.7
13	24.3	22.8
14	29.0	27.2
15	34.2	32.5
16	40.1	37.6
17	45.8	43.5
18	52.0	48.4
19	58.7	54.6
20	65.8	61.9
21	73.5	69.1
22	81.6	75.9
23	89.2	83.8
24	98.3	91.4

Note: Values below the dashed line are extrapolated.  
January 1971

Note: Values below the dashed line are extrapolated.  
January 1971

INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS: SUBDIVISION VII

SPECIES GROUP 3: BALSAM FIR

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.0	0.6
5	1.8	1.4
6	2.9	2.4
7	4.2	3.6
8	5.9	5.3
9	7.9	7.1
10	10.1	9.4
11	12.8	11.9
12	15.7	14.3
13	19.1	17.4
14	22.9	20.9
15	26.7	24.3
16	30.9	28.1
17	35.9	32.7
18	40.8	37.2
<hr style="border-top: 1px dashed black;"/>		
19	46.2	42.0
20	51.9	47.2
21	58.7	53.4
22	65.2	59.3
23	71.3	65.6
24	78.6	71.5

NOTE: Values below the dashed line are extrapolated.

January 1971

SPECIES GROUP 4: HEMLOCK, CEDAR

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	0.8	0.5
5	1.6	1.2
6	2.5	2.2
7	3.8	3.4
8	5.5	4.9
9	7.5	6.9
10	9.9	8.7
11	12.5	11.5
12	15.6	14.0
13	19.0	16.7
14	22.5	19.8
15	26.3	23.7
16	31.0	27.3
17	35.0	30.8
18	39.9	35.1
<hr style="border-top: 1px dashed black;"/>		
19	45.3	39.8
20	50.2	44.1
21	56.2	49.5
22	61.7	54.3
23	67.5	58.0
24	73.5	63.2

NOTE: Values below the dashed line are extrapolated.

January 1971

INDIVIDUAL TREE LOCAL VOLUME TABLES BY SPECIES GROUPS; SUBDIVISION VII

SPECIES GROUP 5: PINE (White, Red, Scotch)

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	0.7	0.4
5	1.3	1.0
6	2.3	1.8
7	3.6	2.9
8	5.3	4.4
9	7.5	6.5
10	10.0	8.8
11	12.9	11.4
12	16.4	14.4
13	20.5	18.4
14	24.6	22.4
15	29.8	27.1
16	35.1	31.9
17	40.9	37.6
18	47.3	43.5
19	53.5	49.7
20	61.1	56.8
21	69.2	64.4
22	77.1	72.4
23	85.3	80.2
24	94.3	87.7

NOTE: Values below the dashed line are extrapolated.

January 1971

SPECIES GROUP 6: HARDWOODS (Other than Aspen,  
Balsam Poplar)

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.1	0.6
5	1.9	1.3
6	3.0	2.2
7	4.3	3.6
8	6.0	5.0
9	7.9	6.8
10	10.2	9.0
11	12.9	11.5
12	15.9	14.3
13	19.4	17.1
14	22.9	20.6
15	26.7	23.5
16	31.4	27.6
17	35.5	31.2
18	40.4	35.5
19	45.7	40.3
20	50.7	44.6
21	56.7	49.9
22	62.3	54.8
23	68.1	59.9
24	74.1	65.2

January 1971

INDIVIDUAL TREE LOCAL VOLUME TABLES  
BY SPECIES GROUPS: SUBDIVISION VII

SPECIES GROUP 7: ASPEN, Balsam Poplar

DBHob Inches	Gross Volume Cubic Feet	Merchantable Volume Cubic Feet
4	1.0	0.6
5	1.9	1.3
6	3.1	2.4
7	4.9	3.9
8	7.0	6.0
9	9.6	8.4
10	12.6	11.4
-----		
11	16.2	14.6
12	20.3	18.5
13	24.7	22.8
14	29.6	27.6
15	35.2	32.7
16	41.3	38.4
17	47.4	44.0
18	54.0	50.2
19	61.1	57.4
20	68.6	64.5
21	75.6	70.3
22	84.3	78.4
23	92.2	87.5
24	100.3	95.3

NOTE: Values below the dashed line are extrapolated.  
January 1971

## VI Conversion Factors

Except where broad comparisons are made, as in Section IV, this report presents all volume data in cubic feet. It is left to the user of these data to convert them to the units he requires, using his own conversion factors. However, the guidelines provided in this section may prove useful.

### CONVERTING CUBIC FOOT VOLUMES TO CORDS

The number of cubic feet of solid wood in a cord varies with species, average diameter and length of bolts, taper, method of piling, average bark thickness, closeness of limbing, amount of foreign material on the bolts, and the amount of crook, sweep, and abnormal growth projections. With so many variables affecting the result, no conversion factor employing exterior dimensions can be precise. Nonetheless, a number of such factors have been developed.

#### FOUR-FOOT BOLTS

Two factors commonly used for converting from cords of four-foot pulpwood to solid cubic contents are\*:

- 85 cu. ft. solid wood = one cord rough softwood
- 95 cu. ft. solid wood = one cord peeled softwood

#### EIGHT-FOOT BOLTS

In theory, it should be possible to convert from cubic

\*Flann, I. B., Some Conversion Factors and Related Information For Use in Primary Forest Industry of Eastern Canada; Note # 26, 1962.

feet to cords of eight-foot wood with the same factors used for four-foot wood. Were the bolts perfectly straight in both cases and all other things equal, this could be done.

In practice, the extra length increases the proportion of voids due to crook, sweep, taper and abnormalities. According to Flann, this increase results in the cubic foot content of solid wood per cord being "usually five per cent less for eight-foot wood than for four-foot wood", other things being equal. By this estimate a cord of rough eight-foot softwood would be expected to contain about 81 cubic feet of solid wood, on the average. However, measurements by local pulp companies have shown an average solid wood content of approximately 78 cubic feet per rough cord of softwood.

Regarding eight-foot hardwood pulpwood, it is generally believed that one rough cord contains 70 to 78 cubic feet of solid wood, on the average. Although this estimate has not been proved, it appears a reasonable one when the greater crookedness of hardwoods is considered.

#### CONVERTING CUBIC FOOT VOLUME TO BOARD MEASURE

The actual solid wood content in cubic feet of log volume required to produce one thousand board feet of lumber varies by species, log size, mill equipment and methods, dimensions being sawn, and the quality specifications of the market. These variables can cause the conversion factor for roundwood at roadside or mill to vary from about 140 cubic feet per thousand to over 200 cubic feet per thousand.

No attempt is made here to provide a single factor for

converting cubic feet to board feet. Instead, an analysis is presented showing the factors which enter such a conversion at each level of utilization. This permits the individual to use or alter the factors as he sees fit.

The basic factor used is 176 cubic feet per thousand feet board measure, a figure developed by G. E. Bell. These studies, which were published in the Flann paper cited, included "a wide variety of mill types" in Eastern Canada, "sawing logs with an average diameter of 8.4 inches". Elsewhere in his paper Flann presents other values for different types of head saws and different mill sizes.

Explanations follow the seven steps given below.

#### AN ANALYSIS

1. Gross merchantable (cu. ft.) solid wood from tables in section VIII, minus top, stump and bark, for trees 3.6 inches DBH and larger to 4-inch top . . . (VALUE)
2. Gross merchantable volume (cu. ft.) of solid wood in trees between 3.6 inches DBH and 6.5 inches DBH to a 4-inch top; also available from tables, section VIII . . . (VALUE)
3. Gross merchantable (cu. ft.) sawlog volume in roundwood form to 4-inch top (ie;  $3 = 1 - 2$ ) . . . (VALUE)
4. Sawlog residue (cu. ft.) equals gross merchantable roundwood volume in step 3 multiplied by **52.8%** . . . (VALUE)

This residue factor is derived as follows:



### CONVERSION FACTOR REFERENCES

- Bell, G.E.; Factors Influencing the Manufacture of Sawlogs into Lumber in Eastern Canada. Bulletin 99, Ottawa, 1951.
- Department of Mines and Resources; Form Class Volume Tables (2nd Edition), Ottawa, 1948
- Flann, I.B.; Some Conversion Factors and Related Information for Use in the Primary Forest Industries of Eastern Canada, Technical Note No. 26, Forest Products Research Laboratory, Ottawa, 1962.
- Hawboldt, L.S.; "What is a Cord?" Department of Lands and Forests, Truro, 1965.
- Society of American Foresters; Forestry Hand Book, New York, 1955.

### SOFTWOODS

- |                                 |  |
|---------------------------------|--|
| Balsam Fir                      | <i>Abies balsamea</i> (L.) Mill        |
| Red Spruce                      | <i>Picea rubens</i> Sarg.              |
| White Spruce                    | <i>Picea glauca</i> (Moench) Voss      |
| Black Spruce                    | <i>Picea mariana</i> (Mill.) B.S.P.    |
| Eastern Hemlock                 | <i>Tsuga canadensis</i> (L.) Carr.     |
| Eastern White Pine              | <i>Pinus strobus</i> L.                |
| Red Pine                        | <i>Pinus resinosa</i> Ait.             |
| Jack Pine                       | <i>Pinus banksiana</i> Lamb.           |
| Scotch (or Scots) Pine*         | <i>Pinus sylvestris</i> L.             |
| Tamarack (Larch,<br>Hackmatack) | <i>Larix laricina</i> (Du Roi) K. Koch |
| Eastern White Cedar             | <i>Thuja occidentalis</i> L.           |

\* introduced

### HARDWOODS

- |                      |  |
|----------------------|--|
| Yellow Birch         | <i>Betula alleghaniensis</i> Britt.      |
| White Birch          | <i>Betula papyrifera</i> March.          |
| Grey (Wire) Birch    | <i>Betula populifolia</i> Marsh.         |
| Hard (Sugar) Maple   | <i>Acer saccharum</i> Marsh.             |
| Soft (Red) Maple     | <i>Acer rubrum</i> L.                    |
| Beech                | <i>Fagus grandifolia</i> Ehrh.           |
| Red Oak              | <i>Quercus rubra</i> L.                  |
| Largetooth Aspen     | <i>Populus grandidentata</i> Michx.      |
| Trembling Aspen      | <i>Populus tremuloides</i> Michx.        |
| Balsam Poplar        | <i>Populus balsamifera</i> L.            |
| American (White) Elm | <i>Ulmus americana</i> L.                |
| Ironwood             | <i>Ostrya virginiana</i> (Mill.) K. Koch |
| White Ash            | <i>Fraxinus americana</i> L.             |
| Black Ash            | <i>Fraxinus nigra</i> Marsh.             |

## VII List of Species

On the right is a list of the commercial Nova Scotia trees by their common and botanical names. It is according to the 1969 edition of Native Trees of Canada (Canadian Forestry Service, Department of Fisheries and Forestry, Ottawa, Ontario.)

## VIII Tables

The tables are numbered consecutively for easy reference. The first four give acreage estimates by ownership class, municipality and subdivision. The remainder give volume estimates in cubic feet for each of the municipalities, and for the municipalities combined.

These volume estimates are given at the gross and gross merchantable levels, (as defined in section IV), and presented in four ways for each level: by density, by age, by site and by species. Except in the "Species" tables, they are classified by DBH group and ownership class only.

### INDEX: AREA CLASSIFICATION ESTIMATES

(By ownership class, municipality and subdivision)

1. Major Forest and Non-forest Classes
2. Density Classes
3. Age Classes
4. Site Classes

### INDEX: VOLUME ESTIMATES IN CUBIC FEET

By cover type (except in "Species" tables), DBH group, and ownership class.)

#### INVERNESS MUNICIPALITY

##### Gross Volume by:

5. Density Classes
6. Age Classes
7. Site Classes
8. Species

##### Gross Merchantable Volume by:

9. Density Classes
10. Age Classes
11. Site Classes
12. Species

#### VICTORIA MUNICIPALITY

##### Gross Volume by:

13. Density Classes
14. Age Classes
15. Site Classes
16. Species

##### Gross Merchantable Volume by:

17. Density Classes
18. Age Classes
19. Site Classes
20. Species

RICHMOND MUNICIPALITY

Gross Volume by:

- 21. Density Classes
- 22. Age Classes
- 23. Site Classes
- 24. Species

Gross Merchantable Volume by:

- 25. Density Classes
- 26. Age Classes
- 27. Site Classes
- 28. Species

CAPE BRETON MUNICIPALITY

Gross Volume by:

- 29. Density Classes
- 30. Age Classes
- 31. Site Classes
- 32. Species

Gross Merchantable Volume by:

- 33. Density Classes
- 34. Age Classes
- 35. Site Classes
- 36. Species

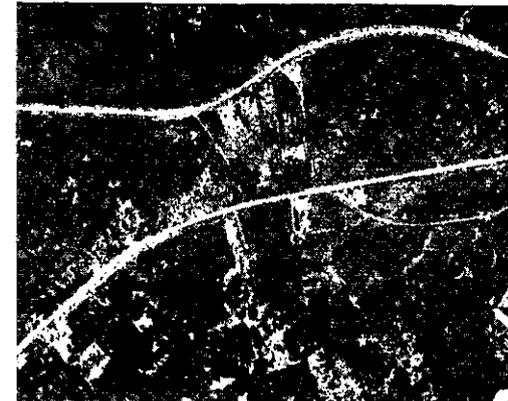
ALL MUNICIPALITIES

Gross Volume by:

- 37. Density Classes
- 38. Age Classes
- 39. Site Classes
- 40. Species

Gross Merchantable Volume by:

- 41. Density Classes
- 42. Age Classes
- 43. Site Classes
- 44. Species



# The Tables:



E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - INVERNESS

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	
SOFTWOOD LAND																				
1									81	240	179	501					81	240	179	501
2									256	282	248	787					256	282	248	787
3	284	563	986	1834	850	742	352	1944	10837	16142	13609	40588	126	240	240	607	12098	17688	15188	44976
4	36292	66289	56807	159390	4473	4933	2790	12197	49398	57521	49410	156330	16628	34997	19319	70945	106792	163743	128328	398864
5	6772	5464	1944	14181	10	10		20	3688	2346	1300	7335	3191	3976	1713	8881	13662	11798	4957	30415
6																				
TOTAL	43350	72317	59738	175407	5333	5686	3142	14163	64261	76533	64747	205543	19946	39214	21273	80434	132892	193753	148903	475545
MIXEDWOOD LAND																				
1																				
2																				
3	518	711	544	1774	64	120	181	366	995	1741	2364	5101					1578	2574	3090	7243
4	16993	33798	55999	106791	2761	5124	7905	15791	33940	52749	71018	157708	3301	3509	5077	11888	56995	95182	140001	292179
5	151	526	560	1238					428	384	246	1059	817	962	1440	3220	1397	1873	2247	5519
6																				
TOTAL	17662	35036	57105	109804	2825	5245	8086	16158	35364	54876	73628	163869	4118	4472	6518	15109	59972	99630	145338	304942
HARDWOOD LAND																				
1																				
2									204	107	49	362					204	107	49	362
3	250	171	404	826					546	775	1154	2476	230	386	347	964	1028	1333	1906	4267
4	6424	12700	27863	46988	1372	2144	4236	7753	15830	27034	50515	93380	1895	3000	6312	11209	25523	44880	88927	159331
5	149	328	1589	2067					26	29	128	185	337	391	1027	1756	513	749	2746	4009
6																				
TOTAL	6824	13200	25857	45882	1372	2144	4236	7753	16609	27947	51848	96404	2464	3778	7687	13930	27270	47071	93629	167972
ALL FOREST LAND																				
1									81	240	179	501					81	240	179	501
2									461	390	298	1150					461	390	298	1150
3	1053	1446	1935	4436	915	863	533	2311	12379	18659	17127	48167	357	627	587	1572	14705	21596	20185	56487
4	59710	112788	140671	313170	8606	12203	14932	35742	99169	137306	170943	407419	21825	41508	30710	94043	189312	303806	357257	850376
5	7074	6319	4094	17488	10	10		20	4143	2761	1675	8579	4346	5330	4181	13858	15574	14422	9951	39948
6																				
TOTAL	67837	120555	146701	335094	9532	13077	15466	38075	116236	159357	190224	465818	26529	47465	35479	109474	220135	340455	387871	948463

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - VICTORIA

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
1																				
2																				
3	232	35	23	291					133	377	836	1347					133	377	836	1347
4	43338	82722	72742	198804	151	278	334	765	3064	4409	2981	10455	8186	12890	7560	28637	77834	132125	115697	325657
5	14913	16741	9741	41395	180	179	288	648	1473	1557	663	3694	5143	6546	6429	18119	21711	25025	17122	63859
6													104	175	177	457	104	175	177	457
TOTAL	58484	59499	82507	246491	332	458	623	1414	30828	42579	39540	112947	13435	19612	14167	47214	103081	162148	136838	402068
<b>MIXEDWOOD LAND</b>																				
1																				
2																				
3	122	275	391	789					131	17		149	157	204	315	676	411	498	706	1616
4	15808	28488	49358	93655					13607	21643	27381	62632	2467	2680	3855	9003	31883	52813	80595	165291
5	178	230	212	621					802	962	1253	3018	240	277	547	1065	1222	1470	2013	4705
6																				
TOTAL	16108	28994	49962	95066					14541	22624	28634	65801	2865	3162	4717	10745	33516	54781	83315	171613
<b>HARDWOOD LAND</b>																				
1																				
2																				
3																				
4	3529	6746	16159	26435					293	456	1277	2027	64	80	683	828	357	537	1961	2855
5																				
6																				
TOTAL	3529	6746	16159	26435					5952	9141	16358	31452	1129	1592	4016	6738	10611	17480	36534	64626
<b>ALL FOREST LAND</b>																				
1																				
2																				
3	354	311	414	1080					134	377	836	1349					134	377	836	1349
4	62676	117957	138260	318895	151	278	334	765	3489	4883	4259	12632	221	284	998	1504	4066	5479	5672	15218
5	15091	16972	9954	42017	180	179	288	648	45421	66562	77520	189505	11719	17082	14749	43551	119969	201881	230866	552717
6																				
TOTAL	78123	135240	148629	361993	332	458	623	1414	51322	74345	84533	210201	17430	24366	22901	64698	147209	234410	256688	638308

2

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - RICHMOND

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL					
<b>SOFTWOOD LAND</b>																					<b>3</b>
1																					
2	64	111	55	230					137	190	68	395	456	186	166	809	658	488	290	1436	
3	898	863	405	2167	136	131	237	506	7873	6824	4368	19066	137	139	84	361	9045	7958	5056	22101	
4	9620	11122	6085	26828	644	438	189	1272	31417	25444	13060	69922	893	420	295	1608	42576	37426	19630	99632	
5	3221	2811	545	6579	141	120		261	8542	5660	1443	15646	24			24	11930	8592	1989	22512	
6																					
TOTAL	13804	14909	7092	35806	922	690	427	2040	47970	38119	18940	105031	1512	745	546	2804	64210	54465	27007	145683	
<b>MIXEDWOOD LAND</b>																					
1																					
2									64	47		112					64	47		112	
3									383	485	603	1472	49	31	18	99	433	516	621	1571	
4	3465	4683	3457	11606	290	261	513	1065	9672	10622	8822	29117					13428	15567	12794	41790	
5	66	92	18	177					408	445	267	1121					475	538	285	1259	
6																					
TOTAL	3532	4775	3476	11784	290	261	513	1065	10529	11602	9693	31824	49	31	18	99	14401	16670	13702	44774	
<b>HARDWOOD LAND</b>																					
1																					
2																					
3									295	222	176	695					295	222	176	695	
4	716	1132	1338	3188	27	51	40	119	1006	1318	1704	4030					1750	2502	3084	7337	
5									53	28		82					54	28		83	
6																					
TOTAL	716	1132	1338	3188	28	51	40	120	1355	1570	1881	4807					2100	2754	3261	8116	
<b>ALL FOREST LAND</b>																					
1																					
2	64	111	55	230					201	238	68	508	456	186	166	809	722	535	290	1549	
3	898	863	405	2167	136	131	237	506	8552	7533	5148	21234	186	170	103	460	9774	8698	5895	24366	
4	13803	16938	10882	41623	962	751	743	2457	42096	37386	23587	103070	893	420	295	1608	57755	55496	35509	148761	
5	3288	2904	563	6756	142	120		262	9004	6134	1711	16851	24			24	12459	9160	2275	23895	
6																					
TOTAL	18053	20817	11907	50778	1241	1003	981	3226	59855	51292	30516	141664	1561	776	565	2904	80712	73891	43970	198574	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CAPE BRETON

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
SOFTWOOD LAND																				
1																				
2																				
3	445	748	953	2148					461	753	373	1588					461	753	373	1588
4	14612	15764	9795	40172	1471	1354	343	3170	9993	13698	11161	34853	1598	1284	411	3295	10438	14447	12115	37001
5	3269	3026	942	7238	707	394	64	1166	7048	5568	1500	14116	1569	747	20	2337	12594	9736	2527	24859
6																				
TOTAL	18327	19539	11692	49559	2179	1749	407	4336	69318	70152	46587	186057	3168	2032	431	5632	92993	93473	59119	245586
MIXEDWOOD LAND																				
1																				
2																				
3	189	475	685	1349					2225	2191	3211	7627					2414	2666	3896	8977
4	5373	6772	6998	19144	639	520	259	1420	25681	29275	30762	85720	425	424	828	1678	32120	36993	38849	107963
5	90	92	100	283	44			44	645	550	1023	2218					779	642	1123	2545
6																				
TOTAL	5653	7340	7784	20777	684	520	259	1464	28552	32017	34996	95566	425	424	828	1678	35314	40302	43869	119486
HARDWOOD LAND																				
1																				
2																				
3	88	144	226	459	276	41	19	336	15	30	188	234					15	30	188	234
4	1833	3239	4578	9652	511	233	20	764	2440	2889	5147	10477	146	32	20	199	2951	3107	5414	11473
5									12208	15068	23793	51071	61	15		77	14615	18557	28391	61565
6									2			2					2			2
TOTAL	1922	3384	4804	10111	787	274	39	1101	14667	17988	29129	61786	208	47	20	276	17585	21695	33995	73276
ALL FOREST LAND																				
1																				
2																				
3	723	1368	1865	3957	276	41	19	336	477	783	562	1823					477	783	562	1823
4	21819	25776	21372	68969	2623	2108	623	5355	14658	18779	19520	52958	146	32	20	199	15804	20221	21426	57453
5	3359	3119	1042	7521	751	394	64	1210	89705	94476	88107	272289	2085	1725	1239	5050	116234	124086	111343	351664
6									7695	6118	2523	16337	1569	747	20	2337	13377	10379	3650	27407
TOTAL	25902	30264	24281	80448	3651	2544	707	6903	112538	120157	110714	343410	3801	2504	1280	7587	145894	155471	136984	438346

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

TOTALS ALL MUNICIPALITIES

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
1									81	240	179	501					81	240	179	501
2	64	111	55	230	987	873	589	2450	988	1604	1526	4120	456	186	166	809	1509	1902	1749	5161
3	1860	2210	2369	6441					31768	41074	32121	104964	263	379	325	968	34880	44539	35406	114826
4	103865	175898	145432	425196	6741	7005	3658	17406	158786	169332	131081	459200	27307	49592	27587	104487	296701	401830	307759	1006291
5	28177	28044	13173	69395	1039	705	353	2098	20752	15132	4907	40793	9929	11270	8162	29363	59899	55154	26596	141650
6													104	175	177	457	104	175	177	457
TOTAL	133967	206265	161030	501264	8768	8585	4601	21955	212378	227385	169816	609580	38062	61604	36419	136087	393177	503841	371868	1268888
<b>MIXEDWOOD LAND</b>																				
1									64	47		112					64	47		112
2																				
3	829	1462	1621	3913	64	120	181	366	3736	4437	6178	14351	206	235	333	775	4837	6255	8315	19408
4	41640	73742	115814	231198	3691	5906	8679	18277	82902	114292	137984	335178	6193	6614	9761	22569	134427	200556	272240	607224
5	487	942	892	2321	44			44	2285	2343	2790	7418	1058	1240	1987	4285	3875	4525	5670	14070
6																				
TOTAL	42957	76147	118328	237433	3800	6027	8860	18688	88988	121120	146953	357062	7458	8090	12082	27631	143205	211385	286226	640816
<b>HARDWOOD LAND</b>																				
1									221	137	238	598					221	137	238	598
2																				
3	338	316	631	1286	276	41	19	336	3575	4344	7756	15676	441	499	1051	1992	4632	5201	9458	19292
4	12504	23820	49939	86263	1911	2429	4296	8637	34704	52106	91093	177905	3022	4527	9646	17197	52143	82884	154976	290004
5	149	328	1589	2067					82	58	128	270	337	391	1027	1756	571	778	2746	4095
6																				
TOTAL	12992	24465	52160	89617	2188	2470	4316	8975	38585	56647	99217	194450	3801	5418	11725	20945	57568	89001	167420	313990
<b>ALL FOREST LAND</b>																				
1									81	240	179	501					81	240	179	501
2	64	111	55	230					1275	1790	1765	4831	456	186	166	809	1796	2087	1987	5871
3	3029	3989	4622	11641	1328	1035	790	3154	39080	49855	46056	134993	912	1114	1710	3737	44350	55996	53180	153527
4	158010	273461	311186	742658	12344	15342	16634	44321	276393	335731	360160	972284	36524	60735	46994	144254	483272	685271	734976	1903520
5	29813	29315	15655	73784	1084	705	353	2143	23121	17534	7826	48482	11326	12901	11177	35405	64345	60457	35013	159816
6													104	175	177	457	104	175	177	457
TOTAL	189917	306878	331520	828316	14757	17083	17778	49619	339952	405152	415988	161093	49323	75113	60227	184665	593951	804229	825515	2223695

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - INVERNESS

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L							
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL				
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL				
<b>SOFTWOOD LAND</b>																					<b>6</b>			
UP TO 40f	3852	6176	6513	16542	420	358	171	950	5983	7573	8921	22479	1970	4255	3091	9317	12226	18364	18698	49285				
41f - 60f	11374	17390	15640	44405	800	903	434	2137	18832	21020	20687	60540	4974	8899	6037	19910	35980	48214	42799	126994				
61f - 80f	17166	35670	30749	83587	3766	3844	2333	9944	29840	36304	28490	94636	8711	18011	9606	36329	59485	93830	71181	224457				
81f -100f	5883	8189	5397	19470	346	581	203	1131	9018	10837	5948	25804	4123	7965	2537	14626	19372	27573	14087	61033				
OVERSTOCKED	5073	4889	1437	11400					585	797	699	2082	167	83		250	5827	5769	2136	13733				
TOTAL	43350	72317	59738	175407	5333	5686	3142	14163	64261	76533	64747	205543	19946	39214	21273	80434	132892	193753	148903	475549				
<b>MIXEDWOOD LAND</b>																								
UP TO 40f	1346	3207	7780	12335	197	274	837	1309	3319	5034	7602	15956	325	452	1151	1928	5189	8968	17372	31529				
41f - 60f	9319	21060	34452	64832	587	1020	1804	3412	11714	18861	26329	56904	2267	2680	4474	9421	23888	43622	67060	134571				
61f - 80f	6993	10768	14838	32601	2041	3951	5444	11436	20058	30839	39652	90550	1465	1248	892	3606	30559	46807	60828	138195				
81f -100f	2		32	35					272	141	44	458	60	91		151	335	233	77	646				
OVERSTOCKED																								
TOTAL	17662	35036	57105	105804	2825	5245	8086	16158	35364	54876	73628	163869	4118	4472	6518	15109	59972	99630	145338	304942				
<b>HARDWOOD LAND</b>																								
UP TO 40f	1186	2563	5753	13503	118	235	494	847	2398	3777	7928	14104	563	875	3092	4532	4266	7452	21269	32588				
41f - 60f	3120	6177	12796	22094	959	1401	2971	5333	5225	9813	20366	35405	1111	1802	2837	5750	10416	19195	38972	68584				
61f - 80f	2517	4459	7306	14284	294	507	770	1572	8853	14092	23445	46392	788	1101	1757	3647	12454	20161	33280	65896				
81f -100f									132	262	107	503					132	262	107	503				
OVERSTOCKED																								
TOTAL	6824	13200	25857	45882	1372	2144	4236	7753	16609	27947	51848	96404	2464	3778	7687	13930	27270	47071	93629	167972				
<b>ALL FOREST LAND</b>																								
UP TO 40f	6385	11947	24048	42381	736	868	1503	3107	11702	16385	24452	52539	2859	5583	7335	15778	21682	34784	57340	113807				
41f - 60f	23813	44629	62890	131332	2347	3325	5210	10883	35771	49695	67382	152850	8352	13381	13349	35083	70285	111031	148832	330149				
61f - 80f	26678	50899	52894	130472	6101	8302	8548	22953	58752	81237	91589	231579	10966	20360	12257	43583	102499	160799	165290	428589				
81f -100f	5886	8189	5430	19506	346	581	203	1131	9423	11241	6101	26766	4183	8057	2537	14778	19840	28069	14272	62182				
OVERSTOCKED	5073	4889	1437	11400					585	797	699	2082	167	83		250	5827	5769	2136	13733				
TOTAL	67837	120555	146701	335094	9532	13077	15466	38075	116236	159357	190224	465818	26529	47465	35479	109474	220135	340455	387871	948463				

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - VICTORIA

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>7</b>																				
<b>SOFTWOOD LAND</b>																				
UP TO 40f	9281	13962	12875	36120	39	90		129	2198	4126	4747	11072	3272	5523	6002	14798	14791	23704	23625	62121
41f - 60f	15478	21473	16325	53278	180	179	288	648	6988	11079	12434	30503	7157	10809	6348	24315	29805	43542	35397	108746
61f - 80f	16479	32143	33545	82168	112	188	334	635	14752	19433	16219	50405	1516	1904	888	4309	32861	53669	50988	137519
81f -100f	14794	28971	18308	62074					5077	6460	5788	17326	1487	1374	927	3790	21359	36806	25024	83191
OVERSTOCKED	2450	2947	1452	6850					1811	1478	349	3639					4262	4425	1801	10489
TOTAL	58484	99499	82507	240491	332	458	623	1414	30828	42579	39540	112947	13435	19612	14167	47214	103081	162148	136838	402068
<b>MIXEDWOOD LAND</b>																				
UP TO 40f	2846	4166	9310	16323					1139	1781	3262	6184	538	823	1322	2684	4525	6771	13896	25192
41f - 60f	8088	15703	26032	49825					5550	8956	12459	26966	1431	1607	2593	5632	15070	26266	41086	82423
61f - 80f	4570	8821	14374	27765					7818	11792	12482	32093	895	731	801	2429	13285	21345	27657	62288
81f -100f	602	303	244	1151					21	69	382	473					624	373	626	1624
OVERSTOCKED									11	24	48	83					11	24	48	83
TOTAL	16108	28994	49962	95066					14541	22624	28634	65801	2865	3162	4717	10745	33516	54781	83315	171613
<b>HARDWOOD LAND</b>																				
UP TO 40f	1339	1730	4645	7715					304	367	1103	1774	133	240	1214	1588	1777	2337	6963	11078
41f - 60f	1497	3329	6784	11612					2237	3342	4599	10179	780	1169	1878	3829	4515	7841	13262	25620
61f - 80f	691	1687	4728	7107					3410	5431	10656	19498	215	167	859	1242	4317	7286	16244	27848
81f -100f														14	63	78		14	63	78
OVERSTOCKED																				
TOTAL	3529	6746	16159	26435					5952	9141	16358	31452	1129	1592	4016	6738	10611	17480	36534	64626
<b>ALL FOREST LAND</b>																				
UP TO 40f	13468	19859	26832	60159	39	90		129	3642	6275	9113	19031	3944	6587	8539	19072	21094	32813	44485	98393
41f - 60f	25065	40506	49143	114715	180	179	288	648	14776	23378	29493	67649	9370	13586	10820	33776	49392	77651	89746	216790
61f - 80f	21742	42652	52648	117042	112	188	334	635	25982	36657	39357	101997	2628	2803	2549	7981	50465	82300	94890	227656
81f -100f	15397	29275	18553	63225					5098	6530	6171	17800	1487	1389	991	3868	21983	37194	25715	84894
OVERSTOCKED	2450	2947	1452	6850					1823	1502	397	3723					4273	4449	1849	10573
TOTAL	78123	135240	148629	361993	332	458	623	1414	51322	74345	84533	210201	17430	24366	22901	64698	147209	234410	256688	638308

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - RICHMOND

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L				
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH		TOTAL
<b>8</b>																					
SOFTWOOD LAND																					
UP TO 40f	1258	1865	1232	4356	120	105		226	6045	5246	2978	14269	46	33	30	111	7471	7250	4241	18563	
41f - 60f	6535	6192	2496	15224	198	183	237	619	17770	14920	6697	39389	498	292	306	1097	25003	21588	9738	56330	
61f - 80f	3992	4974	1860	10827	603	401	189	1195	15488	11448	5478	32415	966	419	209	1596	21051	17245	7738	46034	
81f -100f	1989	1852	1502	5344					7681	5912	3624	17218					9670	7765	5127	22563	
OVERSTOCKED	28	24		52					985	591	161	1738					1013	616	161	1791	
TOTAL	13804	14909	7092	35806	922	690	427	2040	47970	38119	18940	105031	1512	745	546	2804	64210	54465	27007	145683	
MIXEDWOOD LAND																					
UP TO 40f	945	1186	674	2806					1978	2339	2853	7171	49	31	18	99	2973	3556	3546	10077	
41f - 60f	439	730	559	1730	290	261	513	1065	6449	6969	4641	18060					7179	7961	5715	20856	
61f - 80f	2147	2858	2242	7248					2100	2293	2197	6591					4247	5152	4440	13840	
81f -100f																					
OVERSTOCKED																					
TOTAL	3532	4775	3476	11784	290	261	513	1065	10529	11602	9693	31824	49	31	18	99	14401	16670	13702	44774	
HARDWOOD LAND																					
UP TO 40f	218	290	338	846	27	51	40	119	161	198	498	858					407	539	877	1824	
41f - 60f	455	702	1000	2159					839	1178	1298	3316					1295	1881	2299	5476	
61f - 80f	41	140		181					99	58	28	186					141	198	28	368	
81f -100f									255	135	56	446					255	135	56	446	
OVERSTOCKED																					
TOTAL	716	1132	1338	3188	28	51	40	120	1355	1570	1881	4807					2100	2754	3261	8116	
ALL FOREST LAND																					
UP TO 40f	2422	3342	2244	8009	148	156	40	345	8185	7783	6330	22299	96	64	49	210	10852	11347	8665	30864	
41f - 60f	7431	7625	4057	19113	489	445	751	1685	25059	23068	12638	60766	498	292	306	1097	33479	31431	17753	82663	
61f - 80f	6182	7973	4102	18258	603	401	189	1195	17688	13800	7704	39193	966	419	209	1596	25441	22595	12206	60243	
81f -100f	1989	1852	1502	5344					7936	6048	3680	17665					9925	7900	5183	23010	
OVERSTOCKED	28	24		52					985	591	161	1738					1013	616	161	1791	
TOTAL	18053	20817	11907	50778	1241	1003	981	3226	59855	51292	30516	141664	1561	776	565	2904	80712	73891	43970	198574	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - CAPE BRETON

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				<b>9</b>
UP TO 40f	2565	2538	1112	6216	276	159	32	468	8319	8802	8523	25645	88	87	52	228	11250	11588	9720	32559
41f - 60f	5247	6482	3968	15697	808	661	293	1763	18743	19834	14308	52886	1280	611	66	1958	26080	27589	18636	72306
61f - 80f	7590	7808	4670	20069	1094	928	82	2104	26658	28889	17472	73020	1574	1132	165	2872	36917	38759	22390	98066
81f -100f	1908	2333	1581	5822					13602	11374	5313	30290	215	200	147	564	15726	13908	7042	36678
OVERSTOCKED	1016	377	358	1752					1994	1250	969	4214	9			9	3019	1627	1328	5975
TOTAL	18327	19539	11692	49559	2179	1749	407	4336	69318	70152	46587	186057	3168	2032	431	5632	92993	93473	59119	245586
<b>MIXEDWOOD LAND</b>																				
UP TO 40f	311	404	320	1036	60	14	25	100	3897	5219	7631	16748	216	253	435	906	4486	5892	8412	18791
41f - 60f	2491	3845	4789	11126	128	75	71	274	12025	13702	16305	42033	11			11	14656	17622	21167	53446
61f - 80f	2773	3083	2673	8530	495	430	163	1089	11723	12653	10611	34989	196	170	392	760	15189	16338	13841	45369
81f -100f	43	7		51					905	441	447	1795					949	449	447	1846
OVERSTOCKED	33			33													33			33
TOTAL	5653	7340	7784	20777	684	520	259	1464	28552	32017	34996	95566	425	424	828	1678	35314	40302	43869	119486
<b>HARDWOOD LAND</b>																				
UP TO 40f	329	444	674	1448	87	47		134	617	748	1514	2880					1034	1239	2189	4463
41f - 60f	340	720	718	1779	363	185	20	570	4368	6244	11557	22171					5073	7151	12297	24521
61f - 80f	1252	2219	3411	6883	336	41	19	397	9414	10701	15603	35718	208	47	20	276	11210	13009	19055	43276
81f -100f									267	294	453	1015					267	294	453	1015
OVERSTOCKED																				
TOTAL	1922	3384	4804	10111	787	274	39	1101	14667	17988	29129	61786	208	47	20	276	17585	21695	33995	73276
<b>ALL FOREST LAND</b>																				
UP TO 40f	3206	3387	2107	8701	425	221	57	704	12834	14769	17669	45274	305	341	488	1135	16771	18720	20323	55814
41f - 60f	8078	11047	9477	28604	1300	922	384	2608	35137	39781	42172	117091	1292	611	66	1969	45809	52363	52101	150274
61f - 80f	11616	13111	10755	35484	1925	1399	265	3590	47795	52244	43687	143728	1979	1351	578	3909	63317	68107	55287	186712
81f -100f	1951	2341	1581	5874					14775	12110	6214	33101	215	200	147	564	16943	14652	7943	39539
OVERSTOCKED	1049	377	358	1785					1994	1250	969	4214	9			9	3052	1627	1328	6008
TOTAL	25902	30264	24281	80448	3651	2544	707	6903	112538	120157	110714	343410	3801	2504	1280	7587	145894	155471	136984	438345

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
UP TO 40f	16957	24543	21734	63235	857	713	203	1774	22546	25748	25171	73466	5378	9900	9177	24456	45739	60907	56286	162534
41f - 60f	38635	51539	38431	128606	1987	1927	1254	5169	62334	66855	54128	183319	13911	20612	12758	47282	116869	140935	106572	364377
61f - 80f	45229	80597	70826	196653	5577	5362	2940	13879	86739	96076	67661	250477	12769	21467	10870	45107	150316	203504	152298	506119
81f -100f	24575	41347	26790	92712	346	581	203	1131	35379	34585	20675	90640	5826	9540	3612	18980	66128	86054	51282	203466
OVERSTOCKED	8568	8238	3248	20055					5377	4117	2179	11674	176	83		259	14123	12439	5427	31990
TOTAL	133967	206265	161030	501264	8768	8585	4601	21955	212378	227385	169816	609580	38062	61604	36419	136087	393177	503841	371868	1268888
<b>MIXEDWOOD LAND</b>																				
UP TO 40f	5450	8964	18086	32501	258	288	863	1410	10335	14374	21349	46060	1129	1560	2927	5618	17174	25188	43227	85590
41f - 60f	20339	41339	65835	127514	1005	1356	2389	4751	35740	48488	59736	143965	3710	4287	7067	15065	60795	95473	135028	291297
61f - 80f	16485	25531	34128	76146	2536	4381	5608	12526	41701	57579	64944	164225	2558	2150	2086	6795	63282	89643	106768	259693
81f -100f	649	311	277	1238					1199	653	874	2726	60	91		151	1908	1056	1152	4117
OVERSTOCKED	33			33					11	24	48	83					44	24	48	116
TOTAL	42957	76147	118328	237433	3800	6027	8860	18688	88988	121120	146953	357062	7458	8090	12082	27631	143205	211385	286226	640816
<b>HARDWOOD LAND</b>																				
UP TO 40f	3074	5028	15412	23514	233	334	534	1101	3481	5091	11044	19617	697	1116	4307	6120	7486	11569	31299	50355
41f - 60f	5413	10929	21301	37644	1324	1587	2992	5904	12670	20580	37821	71072	1892	2971	4715	9579	21301	36069	66831	124202
61f - 80f	4504	8506	15446	28457	630	548	789	1969	21778	30283	49733	101795	1212	1316	2638	5166	29125	40655	68608	137389
81f -100f									655	692	617	1965		14	63	78	655	706	681	2043
OVERSTOCKED																				
TOTAL	12992	24465	52160	89617	2188	2470	4316	8975	38585	56647	99217	194450	3801	5418	11725	20945	57568	89001	167420	313990
<b>ALL FOREST LAND</b>																				
UP TO 40f	25482	38536	55233	119251	1348	1337	1600	4286	36363	45214	57566	139144	7205	12577	16412	36196	70400	97665	130813	298879
41f - 60f	64388	103809	125568	293766	4317	4872	6635	15825	110746	135924	151687	398357	19514	27871	24541	71927	198966	272478	308433	779877
61f - 80f	66219	114636	120401	301257	8744	10292	9338	28375	150219	183940	182338	516498	16540	24934	15595	57070	241723	333803	327675	903202
81f -100f	25224	41658	27068	93951	346	581	203	1131	37234	35930	22167	95333	5886	9646	3676	19210	68692	37818	53116	209627
OVERSTOCKED	8602	8238	3248	20088					5388	4142	2227	11758	176	83		259	14167	12463	5476	32107
TOTAL	189917	306878	331520	828316	14757	17083	17778	49619	339952	405152	415988	161093	49323	75113	60227	184665	593951	804229	825515	2223695

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - INVERNESS

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
UP TO 20YRS	46	7		53	52	131	168	352	319	238	122	680	53	64	107	224	470	441	398	1310
21YRS - 40YRS	2240	1124	737	4102	10	10		20	8306	4835	2283	15424	789	712	1243	2745	11347	6682	4264	22293
41YRS - 60YRS	19131	24090	16737	59959	4134	4393	2508	11037	38037	47628	40045	125711	5864	9301	3951	19117	67168	85414	63242	215825
61YRS - 80YRS	18838	41672	37246	97756	1136	1151	465	2753	15121	21219	19846	56187	12034	26268	13768	52071	47131	90311	71327	208765
81YRS -100YRS	2708	5300	4913	12922					1520	2107	2141	5768	1170	2742	2157	6070	5399	10149	9212	24762
101YRS OR MORE	116	26		143					201	156	107	465	33	125	44	204	351	308	152	812
UNEVENAGED STANDS	269	96	103	469					754	348	201	1305					1023	445	305	1774
<b>TOTAL</b>	<b>43350</b>	<b>72317</b>	<b>59738</b>	<b>175407</b>	<b>5333</b>	<b>5686</b>	<b>3142</b>	<b>14163</b>	<b>64261</b>	<b>76533</b>	<b>64747</b>	<b>205543</b>	<b>19946</b>	<b>39214</b>	<b>21273</b>	<b>80434</b>	<b>132892</b>	<b>193753</b>	<b>148903</b>	<b>475549</b>
<b>MIXEDWOOD LAND</b>																				
UP TO 20YRS	2		32	35	2	47	76	126	171	174	132	479	103	31	58	193	280	253	300	834
21YRS - 40YRS	267	167	68	503	14	9		23	2132	1523	1615	5271	277	356	482	1116	2692	2056	2166	6914
41YRS - 60YRS	4662	9028	12268	25958	769	1563	1565	3898	15180	23696	27691	66568	1800	1768	1680	5249	22413	36056	43206	101676
61YRS - 80YRS	11489	23132	37796	72418	2040	3625	6444	12110	16527	26970	39566	83063	1271	1367	1786	4425	31328	55095	85593	172017
81YRS -100YRS	1240	2707	6938	10887					968	2056	3281	6306	665	948	2510	4124	2874	5713	12730	21318
101YRS OR MORE									98	124	470	692					98	124	470	692
UNEVENAGED STANDS									285	331	870	1487					285	331	870	1487
<b>TOTAL</b>	<b>17662</b>	<b>35036</b>	<b>57105</b>	<b>109804</b>	<b>2825</b>	<b>5245</b>	<b>8086</b>	<b>16158</b>	<b>35364</b>	<b>54876</b>	<b>73628</b>	<b>163869</b>	<b>4118</b>	<b>4472</b>	<b>6518</b>	<b>15109</b>	<b>59972</b>	<b>99630</b>	<b>145338</b>	<b>304942</b>
<b>HARDWOOD LAND</b>																				
UP TO 20YRS	21	7	19	48					17		92	109	61	124	104	291	101	132	215	449
21YRS - 40YRS	58	36	50	145					94	119	186	400	15	30		45	168	186	236	591
41YRS - 60YRS	1360	2637	4520	8519	703	1067	2284	4055	5415	7496	7875	20787	1345	1732	2075	5154	8825	12934	16756	38516
61YRS - 80YRS	4345	7856	15120	27321	202	351	1000	1553	8696	15676	31409	55782	167	522	1413	2103	13411	24407	48943	86761
81YRS -100YRS	809	2139	7272	10221	467	725	951	2144	2304	4535	11516	18356	657	931	2896	4485	4238	8332	22636	35208
101YRS OR MORE	228	522	2874	3625					81	118	768	968	163	239	646	1049	472	881	4290	5643
UNEVENAGED STANDS													53	197	550	801	53	197	550	801
<b>TOTAL</b>	<b>6824</b>	<b>13200</b>	<b>25857</b>	<b>45882</b>	<b>1372</b>	<b>2144</b>	<b>4236</b>	<b>7753</b>	<b>16609</b>	<b>27947</b>	<b>51848</b>	<b>96404</b>	<b>2464</b>	<b>3778</b>	<b>7687</b>	<b>13930</b>	<b>27270</b>	<b>47071</b>	<b>93629</b>	<b>167572</b>
<b>ALL FOREST LAND</b>																				
UP TO 20YRS	71	15	51	138	54	178	245	478	508	413	347	1269	218	220	270	709	852	827	915	2594
21YRS - 40YRS	2566	1328	856	4751	24	19		44	10533	6477	4085	21096	1082	1098	1725	3907	14207	8924	6667	29800
41YRS - 60YRS	25154	35755	33527	94437	5607	7025	6358	18991	58634	78820	75612	213067	9010	12803	7707	29521	98406	134405	123205	356017
61YRS - 80YRS	34672	72661	90163	197497	3378	5127	7910	16417	40345	63866	90822	195033	13473	28157	16968	58600	91870	169813	205864	467545
81YRS -100YRS	4759	10147	15124	34031	467	725	951	2144	4793	8699	16938	30431	2493	4622	7564	14680	12512	24195	44575	81287
101YRS OR MORE	344	549	2874	3768					380	399	1346	2126	196	365	691	1253	922	1314	4913	7149
UNEVENAGED STANDS	269	96	103	469					1040	680	1072	2792	53	197	550	801	1362	974	1726	4064
<b>TOTAL</b>	<b>67837</b>	<b>120555</b>	<b>146701</b>	<b>335094</b>	<b>9532</b>	<b>13077</b>	<b>15466</b>	<b>38075</b>	<b>116236</b>	<b>159357</b>	<b>190224</b>	<b>465818</b>	<b>26529</b>	<b>47465</b>	<b>35479</b>	<b>109474</b>	<b>220135</b>	<b>340455</b>	<b>387871</b>	<b>948463</b>

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - VICTORIA

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
UP TO 20YRS	379	404	156	940					129	207	242	580	9		9	519	611	399	1530	
21YRS - 40YRS	5225	3230	1799	10256					2880	1916	1522	6319	453	313	397	1164	8560	5460	3720	17740
41YRS - 60YRS	14479	21159	16926	52565					17503	21943	18854	58301	5336	6155	3702	15194	37319	49259	39482	126060
61YRS - 80YRS	30773	62344	50753	143871	332	458	623	1414	8803	15241	15614	39660	7222	12377	9310	28911	47132	90422	76301	213857
81YRS -100YRS	6697	11155	11593	29446					1510	3269	3306	8086	308	589	579	1477	8516	15014	15480	39010
101YRS OR MORE	338	418	199	956									104	175	177	457	443	593	377	1413
UNEVENAGED STANDS	589	787	1077	2454													589	787	1077	2454
<b>TOTAL</b>	<b>58484</b>	<b>99499</b>	<b>82507</b>	<b>240491</b>	<b>332</b>	<b>458</b>	<b>623</b>	<b>1414</b>	<b>30828</b>	<b>42579</b>	<b>39540</b>	<b>112947</b>	<b>13435</b>	<b>19612</b>	<b>14167</b>	<b>47214</b>	<b>103081</b>	<b>162148</b>	<b>136838</b>	<b>402068</b>
<b>MIXEDWOOD LAND</b>																				
UP TO 20YRS	46	31	28	107					81	45		126					127	77	28	233
21YRS - 40YRS	344	271	252	867					348	111	124	584	184	169	70	424	877	552	446	1876
41YRS - 60YRS	5213	7675	14909	27798					3820	5389	7640	16850	806	921	1342	3070	9840	13986	23892	47715
61YRS - 80YRS	7228	14522	23652	45404					8351	13672	15471	37495	1315	1625	2109	5051	16896	29821	41233	87950
81YRS -100YRS	2973	6010	10229	15214					1579	2768	4485	8834	558	446	1194	2199	5112	9225	15909	30247
101YRS OR MORE									55	53	500	609					55	53	500	609
UNEVENAGED STANDS	301	483	890	1674					305	582	412	1300					606	1066	1302	2975
<b>TOTAL</b>	<b>16108</b>	<b>28994</b>	<b>49962</b>	<b>95066</b>					<b>14541</b>	<b>22624</b>	<b>28634</b>	<b>65801</b>	<b>2865</b>	<b>3162</b>	<b>4717</b>	<b>10745</b>	<b>33516</b>	<b>54781</b>	<b>83315</b>	<b>171613</b>
<b>HARDWOOD LAND</b>																				
UP TO 20YRS	2		95	97					15			15	12	14	111	138	30	14	206	251
21YRS - 40YRS	30			30					127	48		175					158	48		206
41YRS - 60YRS	513	827	2004	3344					707	948	889	2544	307	273	882	1463	1528	2048	3776	7353
61YRS - 80YRS	2386	5271	11146	18804					4515	7254	12682	24452	492	585	893	1970	7394	13111	24722	45228
81YRS -100YRS	596	648	2912	4157					470	761	1975	3208	317	719	2129	3165	1383	2129	7018	10531
101YRS OR MORE									63	59	270	393					63	59	270	393
UNEVENAGED STANDS									53	69	539	662					53	69	539	662
<b>TOTAL</b>	<b>3529</b>	<b>6746</b>	<b>16159</b>	<b>26435</b>					<b>5952</b>	<b>9141</b>	<b>16358</b>	<b>31452</b>	<b>1129</b>	<b>1592</b>	<b>4016</b>	<b>6738</b>	<b>10611</b>	<b>17480</b>	<b>36534</b>	<b>64626</b>
<b>ALL FOREST LAND</b>																				
UP TO 20YRS	429	435	280	1146					226	252	242	721	22	14	111	147	677	702	635	2015
21YRS - 40YRS	5600	3501	2051	11154					3356	2075	1646	7079	638	482	468	1589	9595	6060	4167	19823
41YRS - 60YRS	20206	29661	33839	83708					22031	28281	27383	77696	6450	7350	5927	19728	48688	65294	67151	181134
61YRS - 80YRS	40389	82138	85552	208080	332	458	623	1414	21670	36169	43768	101607	9030	14588	12313	35933	71423	133355	142257	347036
81YRS -100YRS	10267	17813	24736	52817					3561	6800	9768	20129	1184	1754	3903	6842	15013	26368	38407	79789
101YRS OR MORE	338	418	199	956					118	112	771	1003	104	175	177	457	561	706	1149	2416
UNEVENAGED STANDS	890	1270	1967	4129					358	652	951	1962					1249	1922	2919	6091
<b>TOTAL</b>	<b>78123</b>	<b>135240</b>	<b>148629</b>	<b>361993</b>	<b>332</b>	<b>458</b>	<b>623</b>	<b>1414</b>	<b>51322</b>	<b>74345</b>	<b>84533</b>	<b>210201</b>	<b>17430</b>	<b>24366</b>	<b>22901</b>	<b>64698</b>	<b>147209</b>	<b>234410</b>	<b>256688</b>	<b>638308</b>

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - RICHMOND

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L				
	4 - 6 DBH	7 - 9 CBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH		UP TOTAL
<b>SOFTWOOD LAND</b>																					<b>13</b>
UP TO 20YRS	198	200	104	503					303	266	170	740	6	33	30	70	507	500	305	1314	
21YRS - 40YRS	886	740	613	2240	139	157	237	534	6977	3618	1751	12348	587	291	220	1100	8590	4808	2824	16223	
41YRS - 60YRS	5817	5977	2220	14015	727	488	189	1405	22891	17935	9584	50411	793	375	295	1464	30230	24777	12289	67298	
61YRS - 80YRS	5449	6310	3473	15233	55	45		100	13078	12132	5755	30966	125	44		169	18708	18532	9229	46470	
81YRS -100YRS	1309	1551	577	3438					3706	3042	1367	8115					5016	4593	1944	11554	
101YRS OR MORE	143	129	102	374					973	1088	311	2374					1116	1218	413	2748	
UNEVENAGED STANDS									38	34		73					38	34		73	
TOTAL	13804	14909	7092	35806	922	690	427	2040	47970	38119	18940	105031	1512	745	546	2804	64210	54465	27007	145683	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS	3			3					40	42	96	180					44	42	56	184	
21YRS - 40YRS									402	354	36	793	49	31	18	99	451	385	55	892	
41YRS - 60YRS	788	920	467	2175					4553	4727	3587	12867					5341	5647	4054	15043	
61YRS - 80YRS	2320	3322	2903	8546	290	261	513	1065	5247	6003	5194	16446					7858	9587	8612	26058	
81YRS -100YRS	291	320	18	630					252	422	699	1374					544	743	718	2005	
101YRS OR MORE									33	51	78	162					33	51	78	162	
UNEVENAGED STANDS	128	212	86	427													128	212	86	427	
TOTAL	3532	4775	3476	11784	290	261	513	1065	10529	11602	9693	31824	49	31	18	99	14401	16670	13702	44774	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS									99	58	28	186					99	58	28	186	
21YRS - 40YRS									451	381	217	1050					699	739	714	2153	
41YRS - 60YRS	248	357	497	1102					260	387	595	1243					756	1214	1477	3448	
61YRS - 80YRS	467	775	841	2084	27	51	40	119	543	742	1041	2327					543	742	1041	2327	
81YRS -100YRS																					
101YRS OR MORE																					
UNEVENAGED STANDS																					
TOTAL	716	1132	1338	3188	28	51	40	120	1355	1570	1881	4807					2100	2754	3261	8116	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	202	200	104	507					344	309	267	921	6	33	30	70	553	543	402	1499	
21YRS - 40YRS	886	740	613	2240	139	157	237	534	7479	4031	1817	13328	637	322	239	1199	9142	5252	2907	17302	
41YRS - 60YRS	6854	7255	3185	17294	727	488	189	1405	27896	23044	13388	64329	793	375	295	1464	36271	31164	17058	84494	
61YRS - 80YRS	8237	10408	7219	25865	373	358	554	1285	18586	18524	11545	48656	125	44		169	27323	29334	19319	75977	
81YRS -100YRS	1601	1871	595	4069					4502	4207	3107	11817					6104	6079	3703	15887	
101YRS OR MORE	143	129	102	374					1007	1140	389	2537					1150	1269	491	2911	
UNEVENAGED STANDS	128	212	86	427					38	34		73					166	246	86	500	
TOTAL	18053	20817	11907	50778	1241	1003	981	3226	59855	51292	30516	141664	1561	776	565	2904	80712	73891	43970	198574	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CAPE BRETON

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
<b>SOFTWOOD LAND</b>																					14
UP TO 20YRS	4			4				111	168	25	305					115	163	25	310		
21YRS - 40YRS	2255	1306	1036	4598	75	9	24	109	10974	5922	4321	21218	208	200	147	557	13514	7439	5530	26483	
41YRS - 60YRS	7068	7345	3312	17726	1054	987	161	2203	32942	34720	22450	90113	722	358	40	1121	41738	43411	25964	111164	
61YRS - 80YRS	6460	7465	5481	19407	1049	753	221	2024	20729	24266	17120	62115	1628	1060	223	2911	29867	33545	23047	86460	
81YRS - 100YRS	2398	3315	1712	7426					3915	4391	2079	10386	609	412	20	1042	6924	8119	3811	18855	
101YRS OR MORE	94	70		164					282	408	95	786					377	478	95	951	
UNEVENAGED STANDS	44	37	149	230					361	274	494	1130					406	311	643	1361	
TOTAL	18327	19539	11692	49559	2179	1749	407	4336	69318	70152	46587	186057	3168	2032	431	5632	92993	93473	59119	245586	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS									115	135	154	405					115	135	154	405	
21YRS - 40YRS	230	60	132	423	87	40	50	179	1529	883	582	2995	156	128	279	564	2004	1113	1044	4162	
41YRS - 60YRS	1556	1482	871	3910	596	479	209	1285	12402	11301	9008	32712					14555	13263	10089	37908	
61YRS - 80YRS	3061	4304	5150	12515					12164	16104	20557	48826	120	103	159	383	15346	20511	25867	61725	
81YRS - 100YRS	677	1330	1429	3438					1979	3139	4057	9176	147	192	389	730	2804	4663	5876	13344	
101YRS OR MORE	35	20	38	94					105	156	246	508					141	176	285	603	
UNEVENAGED STANDS	91	142	161	395					254	296	390	941					346	438	551	1336	
TOTAL	5653	7340	7784	20777	684	520	259	1464	28552	32017	34996	95566	425	424	828	1678	35314	40302	43869	119486	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS					8			8	6			6					15			15	
21YRS - 40YRS	20			20	401	41	19	461	1428	425	694	2547	208	47	20	276	2058	514	734	3306	
41YRS - 60YRS	576	586	917	2080	377	233	20	631	6676	6219	9895	22791					7630	7039	10833	25503	
61YRS - 80YRS	1146	2456	3460	7063					4319	7365	9507	21192					5466	9821	12968	28255	
81YRS - 100YRS	178	341	426	947					2139	3772	8323	14235					2318	4114	8750	15182	
101YRS OR MORE									96	205	708	1010					96	205	708	1010	
UNEVENAGED STANDS																					
TOTAL	1922	3384	4804	10111	787	274	39	1101	14667	17988	29129	61786	208	47	20	276	17585	21695	33995	73276	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	4			4	8			8	234	304	179	718					247	304	179	731	
21YRS - 40YRS	2506	1367	1168	5042	564	91	94	750	13932	7231	5597	26761	573	377	447	1398	17577	9066	7308	33553	
41YRS - 60YRS	9201	9414	5101	23717	2028	1699	390	4119	52021	52241	41354	145617	722	358	40	1121	63974	63714	46888	174576	
61YRS - 80YRS	10668	14225	14092	38986	1049	753	221	2024	37213	47735	47185	132135	1748	1163	382	3295	50680	63878	61882	176441	
81YRS - 100YRS	3254	4987	3569	11811					8035	11303	14460	33798	756	605	409	1772	12047	16896	18439	47383	
101YRS OR MORE	130	90	38	259					484	770	1050	2306					614	860	1089	2565	
UNEVENAGED STANDS	136	179	310	626					616	570	884	2071					752	750	1195	2698	
TOTAL	25902	30264	24281	80448	3651	2544	707	6903	112538	120157	110714	343410	3801	2504	1280	7587	145894	155471	136984	438345	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

TOTALS ALL MUNICIPALITIES

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
<b>SOFTWOOD LAND</b>																					<b>15</b>
UP TO 20YRS	628	612	260	1501	52	131	168	352	864	880	561	2307	69	97	138	305	1614	1722	1129	4466	
21YRS - 40YRS	10607	6401	4187	21197	224	177	262	664	29139	16292	9879	55311	2039	1518	2009	5568	42012	24390	16339	82741	
41YRS - 60YRS	46497	58572	39197	144266	5917	5869	2859	14646	111375	122228	90933	324537	12716	16191	7989	36897	176506	202862	140979	520348	
61YRS - 80YRS	61522	117792	96955	276269	2574	2407	1311	6292	57732	72860	58337	188930	21010	39751	23302	84063	142840	232811	179905	555557	
81YRS -100YRS	13114	21321	18797	53233					10653	12810	8893	32357	2088	3744	2757	8590	25856	37876	30448	94182	
101YRS OR MORE	692	644	302	1639					1457	1653	514	3626	138	300	222	661	2289	2598	1039	5927	
UNEVENAGED STANDS	903	921	1330	3154					1155	657	695	2509					2058	1579	2026	5664	
<b>TOTAL</b>	<b>133967</b>	<b>206265</b>	<b>161030</b>	<b>501264</b>	<b>8768</b>	<b>8585</b>	<b>4601</b>	<b>21955</b>	<b>212378</b>	<b>227385</b>	<b>169816</b>	<b>609580</b>	<b>38062</b>	<b>61604</b>	<b>36419</b>	<b>136087</b>	<b>393177</b>	<b>503841</b>	<b>371868</b>	<b>1268888</b>	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS	53	31	61	147	2	47	76	126	408	398	384	1191	103	31	58	193	568	509	580	1658	
21YRS - 40YRS	842	499	452	1795	102	49	50	202	4412	2872	2358	9644	668	685	850	2204	6025	4107	3713	13846	
41YRS - 60YRS	12220	19106	28516	59843	1365	2043	1775	5183	35957	45114	47928	128999	2606	2690	3023	8320	52150	68953	81243	202347	
61YRS - 80YRS	24100	45282	69502	138885	2330	3886	6958	13175	42290	62750	80789	185830	2708	3095	4055	9859	71429	115015	161306	347751	
81YRS -100YRS	5184	10369	18616	34170					4780	8387	12523	25691	1371	1587	4094	7054	11336	20344	35235	66916	
101YRS OR MORE	35	20	38	94					292	385	1295	1973					327	406	1334	2068	
UNEVENAGED STANDS	520	837	1138	2497					845	1210	1673	3729					1366	2047	2811	6226	
<b>TOTAL</b>	<b>42957</b>	<b>76147</b>	<b>118328</b>	<b>237433</b>	<b>3800</b>	<b>6027</b>	<b>8860</b>	<b>18688</b>	<b>88988</b>	<b>121120</b>	<b>146953</b>	<b>357062</b>	<b>7458</b>	<b>8090</b>	<b>12082</b>	<b>27631</b>	<b>143205</b>	<b>211385</b>	<b>286226</b>	<b>640816</b>	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS	24	7	114	146	9			9	39		92	131	74	139	216	429	148	146	422	717	
21YRS - 40YRS	109	36	50	196	401	41	19	461	1750	650	908	3310	223	77	20	321	2485	806	999	4290	
41YRS - 60YRS	2699	4408	7939	15048	1080	1300	2304	4686	13251	15046	18876	47174	1653	2005	2958	6617	18684	22762	32080	73526	
61YRS - 80YRS	8345	16359	30569	55274	229	402	1040	1673	17792	30684	54194	102671	659	1107	2306	4074	27027	48554	88111	163694	
81YRS -100YRS	1584	3129	10611	15325	467	725	951	2144	5457	9812	22857	38127	974	1650	5025	7650	8483	15318	39446	63248	
101YRS OR MORE	228	522	2874	3625					240	383	1748	2372	163	239	646	1049	631	1146	5270	7048	
UNEVENAGED STANDS									53	69	539	662	53	197	550	801	106	267	1090	1463	
<b>TOTAL</b>	<b>12992</b>	<b>24465</b>	<b>52160</b>	<b>89617</b>	<b>2188</b>	<b>2470</b>	<b>4316</b>	<b>8975</b>	<b>38585</b>	<b>56647</b>	<b>99217</b>	<b>194450</b>	<b>3801</b>	<b>5418</b>	<b>11725</b>	<b>20945</b>	<b>57568</b>	<b>89001</b>	<b>167420</b>	<b>313990</b>	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	706	651	437	1795	64	178	245	488	1312	1279	1037	3630	246	268	412	927	2330	2378	2132	6842	
21YRS - 40YRS	11560	6938	4690	23189	728	268	332	1328	35303	19816	13146	68266	2931	2281	2881	8094	50523	29304	21051	100879	
41YRS - 60YRS	61417	82087	75654	215158	8363	9213	6939	24516	160583	182389	157738	500712	16976	20887	13970	51835	247341	294578	254303	796223	
61YRS - 80YRS	93968	179434	197027	470430	5134	6697	9310	21141	117815	166295	193322	477433	24378	43954	29664	97998	241297	396382	429324	1067004	
81YRS -100YRS	19883	34820	48025	102729	467	725	951	2144	20891	31010	44274	96177	4434	6983	11877	23295	45677	73540	105129	224347	
101YRS OR MORE	956	1187	3215	5359					1990	2423	3558	7973	301	540	869	1711	3249	4151	7643	15043	
UNEVENAGED STANDS	1424	1758	2468	5652					2053	1937	2908	6900	53	197	550	801	3531	3894	5928	13354	
<b>TOTAL</b>	<b>189917</b>	<b>306878</b>	<b>331520</b>	<b>828316</b>	<b>14757</b>	<b>17083</b>	<b>17778</b>	<b>49619</b>	<b>339952</b>	<b>405152</b>	<b>415986</b>	<b>161093</b>	<b>49323</b>	<b>75113</b>	<b>60227</b>	<b>184665</b>	<b>593951</b>	<b>804229</b>	<b>825515</b>	<b>2223695</b>	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

06/14/71 MUNICIPALITY - INVERNESS

S P E C I E S	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	1334	2898	5047	9280	829	730	1098	2658	18707	29758	37645	86111	348	953	1714	3016	21220	34341	45505	101066
SPRUCE-RED + BLACK	3917	5418	4421	13756	1365	1222	391	2979	14545	15850	9741	40138	828	1446	1517	3792	20656	23938	16071	60666
FIR	51430	85948	69749	207128	5074	6391	2930	14396	57326	62331	27934	147592	22286	38840	17397	78523	136116	193512	118011	447640
HEMLOCK		14	117	131	32	81	1046	1161	75	513	6223	6812	22	7	319	348	129	616	7707	8453
WHITE PINE		13	149	163	5		298	304	56	240	4374	4672					62	254	4822	5139
RED PINE									2			2					2			2
LARCH	269	326	212	807	197	264	64	526	1658	2931	1655	6245	5	44		49	2130	3566	1932	7629
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	56951	94619	79697	231268	7505	8691	5829	22025	92371	111626	87575	291574	23490	41292	20948	85730	180318	256229	194050	630599
SUGAR MAPLE	2107	5776	16097	23981	248	726	3150	4124	4703	12225	33861	50790	415	550	1397	2363	7474	19279	54507	81260
RED MAPLE	2573	5420	5815	13808	715	1803	2637	5156	7618	13654	19001	40274	448	529	697	1675	11355	21407	28151	60914
YELLOW BIRCH	2860	8328	38398	45587	421	813	2698	3933	4107	10020	32272	46401	601	1704	9436	11742	7991	20866	82806	111664
WHITE BIRCH	1849	4213	3847	5911	72	193	204	471	2405	2744	3277	8426	742	2443	2277	5463	5070	9595	9607	24273
OAK									13	14	101	129	10	10	114	136	24	24	216	266
ASPEN	5	29	195	234	62	64	130	258	376	865	2200	3442	19	67		87	464	1027	2530	4021
GREY BIRCH									17			17	1			1	19			19
WHITE ASH	24	18	133	175	11	14		25	127	407	448	983					162	439	582	1185
BLACK ASH	32	43	19	95					20	58	109	188	34	21	87	143	87	124	215	427
CHERRY	40	67	19	127	12			12	45	37	38	121	58	21		79	157	125	57	340
ELM									21	121	396	539					21	121	396	539
BEECH	1324	2015	2472	5813	477	769	816	2063	4288	7464	10921	22674	706	824	520	2051	6796	11074	14731	32601
BALSAM POPLAR																				
TOTAL HARDWOODS	10818	25912	67003	103735	2021	4385	9637	16044	23746	47614	102629	173990	3038	6173	14531	23744	39625	84086	193802	317514
MISCELLANEOUS	68	22		91	5			5	117	116	19	253					191	139	19	349
TOTAL FOREST LAND	67837	120555	146701	335094	9532	13077	15466	38075	116236	159357	190224	465818	26529	47465	35479	109474	220135	340455	387871	948463

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ALL FIGURES ARE IN THOUSANDS CU. FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - VICTORIA

S P E C I E S	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L			T O T A L
	4 - 6	7 - 9	10 + UP	TOTAL	4 - 6	7 - 9	10 + UP	TOTAL	4 - 6	7 - 9	10 + UP	TOTAL	4 - 6	7 - 9	10 + UP	TOTAL	4 - 6	7 - 9	10 + UP	
	DBH	DBH	DBH		DBH	DBH	DBH		DBH	DBH	DBH		DBH	DBH	DBH		DBH	DBH	DBH	
WHITE SPRUCE	1409	2651	4357	8418	1			1	11865	20831	27006	59703	453	956	1746	3156	13729	24438	33111	71279
SPRUCE-RED + BLACK	5494	9634	9922	25051	112	162	140	415	4620	6779	4472	15873	2430	3119	2117	7667	12658	19696	16652	49007
FIR	64495	103637	75980	248113	162	273	464	900	25251	28699	13347	67298	12508	17038	9097	38644	102417	149648	102890	354956
HEMLOCK	4	44	659	708					24	104	1414	1543	26	50	202	279	54	199	2277	2532
WHITE PINE	2	96	2088	2186					17	78	2378	2475	47	180	3019	3248	67	356	7486	7910
RED PINE																				
LARCH	320	141	37	500	20	8		28	241	442	337	1021	34	114		149	616	707	375	1699
JACK PINE	216	52		269									142	300	328	771	358	352	328	1040
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	71943	116259	97045	285247	296	444	605	1346	42020	56937	48958	147915	15643	21760	16513	53917	129903	195401	163122	488426
SUGAR MAPLE	782	3028	9534	13345					1506	3729	11471	16707	159	328	2008	2497	2448	7086	23015	32549
RED MAPLE	1096	3169	4531	8796	27	13	18	59	2494	5257	6029	13781	644	780	919	2344	4262	9221	11498	24982
YELLOW BIRCH	1943	7281	30914	40139					1906	3763	11683	17353	135	303	1983	2422	3985	11348	44581	59515
WHITE BIRCH	1673	4294	4239	10208	8			8	1596	1694	1207	4498	480	581	618	1681	3758	6571	6065	16396
DAK	1	27	62	91					11	10	83	105		7	70	77	12	44	217	274
ASPEN	13	12		25					190	323	1132	1646	114	44	52	211	318	380	1185	1884
GREY BIRCH																				
WHITE ASH	12		41	53					58	62	203	324	22	51		73	93	113	245	451
BLACK ASH		10		10						28		28						38		38
CHERRY	2			2					8			8	2			2	13			13
ELM											34	34							34	34
BEECH	606	1143	2260	4010					1529	2528	3728	7785	229	507	735	1471	2364	4179	6723	13267
BALSAM POPLAR																				
TOTAL HARDWOODS	6132	18967	51584	76683	36	13	18	68	9302	17397	35575	62275	1787	2606	6388	10781	17258	38984	93566	149809
MISCELLANEOUS	47	14		62						10		10					47	24		72
TOTAL FOREST LAND	78123	135240	148629	361993	332	458	623	1414	51322	74345	84533	210201	17430	24366	22901	64698	147209	234410	256688	638308

ALL FIGURES ARE IN THOUSANDS CU.FT.

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E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - RICHMOND

S P E C I E S	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	534	1120	1174	2829	20	71	92	183	4689	6557	6996	18243	202	195	160	557	5447	7943	8423	21815
SPRUCE-RED + BLACK	4373	5862	1815	12051	86	88		175	15474	13185	4451	33111	399	108	82	590	20333	19244	6350	45928
FIR	10237	8930	4145	23313	946	553	208	1709	31456	20981	6453	58892	894	406	287	1588	43534	30872	11096	85503
HEMLOCK			46	46					8	46	586	641					8	46	632	687
WHITE PINE	4	8	114	127	2			2	18	52	946	1017	1	12	34	49	27	74	1095	1197
RED PINE			28	28															28	28
LARCH	723	983	388	2095	12	63	23	98	1689	1882	710	4281	23	54		78	2448	2983	1122	6554
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
<b>TOTAL SOFTWOODS</b>	<b>15872</b>	<b>16905</b>	<b>7714</b>	<b>40493</b>	<b>1067</b>	<b>776</b>	<b>324</b>	<b>2169</b>	<b>53337</b>	<b>42705</b>	<b>20145</b>	<b>116188</b>	<b>1522</b>	<b>776</b>	<b>565</b>	<b>2864</b>	<b>71801</b>	<b>61165</b>	<b>28749</b>	<b>161715</b>
SUGAR MAPLE	37	133	91	262	1		28	29	119	460	924	1504					158	594	1043	1796
RED MAPLE	628	1218	1003	2850	16	16	101	134	2968	3715	2555	9244	24			24	3638	4951	3664	12254
YELLOW BIRCH	621	1428	2578	4628	59	123	402	586	1567	2248	4492	8307	4			4	2252	3800	7473	13526
WHITE BIRCH	866	1025	294	2185	90	72	61	224	1498	1605	1189	4293	4			4	2460	2702	1545	6708
DAK									18	9		28					18	9		28
ASPEN	2	15	126	144					196	162	495	854					198	177	622	998
GREY BIRCH									8	9		18					8	9		18
WHITE ASH		7		7					65	108	98	272					65	115	98	279
BLACK ASH									6	9		16					6	9		16
CHERRY	9			9					2	33		36					12	33		46
ELM																				
BEECH	13	83	98	196	5	14	63	82	60	222	610	893	4			4	83	320	772	1177
BALSAM POPLAR																				
<b>TOTAL HARDWOODS</b>	<b>2180</b>	<b>3912</b>	<b>4192</b>	<b>10285</b>	<b>173</b>	<b>227</b>	<b>657</b>	<b>1057</b>	<b>6511</b>	<b>8586</b>	<b>10371</b>	<b>25469</b>	<b>39</b>			<b>39</b>	<b>8904</b>	<b>12726</b>	<b>15220</b>	<b>36851</b>
MISCELLANEOUS									6			6					6			6
<b>TOTAL FOREST LAND</b>	<b>18053</b>	<b>20818</b>	<b>11907</b>	<b>50778</b>	<b>1241</b>	<b>1003</b>	<b>981</b>	<b>3226</b>	<b>59855</b>	<b>51292</b>	<b>30516</b>	<b>141664</b>	<b>1561</b>	<b>776</b>	<b>565</b>	<b>2904</b>	<b>80712</b>	<b>73891</b>	<b>43970</b>	<b>198574</b>

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - CAPE BRETON

S P E C I E S	O W N E R S H I P C L A S S																				TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L				
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
WHITE SPRUCE	1061	2047	3763	6872	26	89	148	264	12585	20659	27256	60501	60	149	88	298	13735	22945	31256	67936	
SPRUCE-RED + BLACK	4768	6845	2420	14034	1449	1225	261	2936	17575	21539	9126	48241	773	388	184	1345	24566	29998	11992	66558	
FIR	15160	13226	4184	32571	686	338	20	1045	53047	38338	13089	104475	2514	1597	300	4412	71407	53501	17594	142504	
HEMLOCK	10	22	190	223				18	177	491	4053	4722	5	21	250	276	192	534	4513	5240	
WHITE PINE	23	98	1601	1723	8	26		74	109	26	155	2509	2			2	61	280	4002	4344	
RED PINE																					
LARCH	358	621	682	1661	237	202	25	465	2488	3533	2124	8146	56	82		139	3141	4440	2832	10413	
JACK PINE			49	49															49	49	
SCOTCH PINE																					
CEDAR																					
TOTAL SOFTWOODS	21382	22861	12890	57135	2408	1883	549	4841	85901	84717	57977	228596	3412	2239	822	6475	113105	111701	72241	297048	
SUGAR MAPLE	234	673	2222	3129					1544	3111	9455	14112	19	10	112	142	1799	3795	11790	17385	
RED MAPLE	794	1778	2179	4751	378	322	63	764	9097	13023	15212	37333	114	18	119	253	10384	15142	17574	43102	
YELLOW BIRCH	1411	2847	5848	10107	38	18		56	4830	7263	14773	26867	42	51	156	250	6322	10181	20777	37282	
WHITE BIRCH	1858	1676	577	4112	504	219	50	774	7661	6297	4110	18069	145	107	19	272	10169	8301	4757	23229	
OAK										10	19	30						10	19	30	
ASPEN	87	59	139	286	275	90	24	390	1091	1277	1617	3986	5	12		18	1460	1440	1780	4681	
GREY BIRCH									6		59	66					6		59	66	
WHITE ASH	9	41		50					2	57	24	85	1			1	14	98	24	137	
BLACK ASH										10		10						10		10	
CHERRY									55	78		133					55	78		133	
ELM											92	92							92	92	
BEECH	123	327	424	875	33	10	19	63	2246	4292	7370	13909	60	63	50	174	2463	4693	7864	15022	
BALSAM POPLAR																					
TOTAL HARDWOODS	4519	7402	11390	23313	1230	661	158	2049	26536	35425	52736	114698	389	265	457	1112	32676	43754	64743	141173	
MISCELLANEOUS					12			12	99	15		115					112	15		128	
TOTAL FOREST LAND	25902	30264	24281	80449	3651	2544	707	6903	112538	120157	110714	343410	3801	2504	1280	7587	145894	155471	136984	438349	

ALL FIGURES ARE IN THOUSANDS CU.FT.

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E S T I M A T E - MERCH CUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

S P E C I E S	O W N E R S H I P C L A S S												T O T A L							
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S							
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
WHITE SPRUCE	4340	8717	14342	27400	878	890	1339	3108	47847	77806	98905	224559	1065	2254	3709	7029	54132	89669	118296	262098
SPRUCE-RED + BLACK	18553	27761	18579	64893	3014	2699	793	6506	52215	57355	27793	137364	4432	5062	3901	13396	78215	92878	51067	222161
FIR	141323	211743	158059	511126	6868	7558	3624	18051	167081	150350	60825	378258	38203	57882	27083	123169	353477	427534	249593	1030665
HEMLOCK	15	81	1014	1110	32	81	1065	1180	284	1155	12278	13719	53	78	772	904	385	1397	15131	16914
WHITE PINE	29	217	3953	4201	16	26	373	416	120	528	10026	10674	52	193	3054	3300	218	966	17407	18592
RED PINE			28	28					2			2					2		28	30
LARCH	1671	2072	1321	5066	467	538	112	1119	6078	8789	4827	19695	119	296		416	8337	11697	6261	26297
JACK PINE	216	52	49	318									142	300	328	771	358	352	377	1089
SCOTCH PINE																				
CEDAR																				
<b>TOTAL SOFTWOODS</b>	<b>166150</b>	<b>250646</b>	<b>197348</b>	<b>614145</b>	<b>11277</b>	<b>11795</b>	<b>7308</b>	<b>30381</b>	<b>273631</b>	<b>295986</b>	<b>214656</b>	<b>784274</b>	<b>44069</b>	<b>66069</b>	<b>38849</b>	<b>148988</b>	<b>495128</b>	<b>624497</b>	<b>458163</b>	<b>1577785</b>
SUGAR MAPLE	3162	9611	27945	40719	249	726	3178	4154	7874	19527	55713	83115	594	890	3518	5003	11880	30755	90356	132992
RED MAPLE	5092	11585	13529	30207	1137	2156	2820	6114	22178	35652	42803	100634	1232	1328	1736	4297	29641	50723	60888	141253
YELLOW BIRCH	6836	19885	77740	104462	519	956	3100	4576	12411	23296	63222	98929	784	2059	11576	14419	20552	46197	155639	222389
WHITE BIRCH	6248	11210	8955	26417	677	485	316	1479	13160	12341	9784	35287	1372	3133	2915	7421	21459	27171	21976	70607
OAK	1	27	62	91					43	45	204	293	10	17	185	214	55	90	453	559
ASPEN	109	116	465	690	338	154	155	648	1855	2628	5445	9929	138	125	52	316	2441	3025	6118	11586
GREY BIRCH									32	9	59	102	1			1	34	9	59	103
WHITE ASH	46	66	174	287	11	14		25	254	636	776	1666	23	51		74	335	767	951	2054
BLACK ASH	32	54	19	105					27	107	109	244	34	21	87	143	94	183	215	493
CHERRY	53	67	19	139	12			12	112	149	38	299	60	21		81	238	237	57	533
ELM									21	121	523	666					21	121	523	666
BEECH	2069	3570	5255	10895	515	794	898	2208	8124	14508	22631	45263	1000	1394	1306	3701	11709	20268	30092	62069
BALSAM POPLAR																				
<b>TOTAL HARDWOODS</b>	<b>23651</b>	<b>56195</b>	<b>134171</b>	<b>214018</b>	<b>3461</b>	<b>5288</b>	<b>10470</b>	<b>19220</b>	<b>66097</b>	<b>109024</b>	<b>201312</b>	<b>376433</b>	<b>5254</b>	<b>9044</b>	<b>21377</b>	<b>35676</b>	<b>98464</b>	<b>179552</b>	<b>367332</b>	<b>645348</b>
MISCELLANEOUS	115	37		153	17			17	224	142	19	386					358	179	19	557
<b>TOTAL FOREST LAND</b>	<b>.189917</b>	<b>306878</b>	<b>331520</b>	<b>828316</b>	<b>14757</b>	<b>17083</b>	<b>17778</b>	<b>49619</b>	<b>339952</b>	<b>405152</b>	<b>415988</b>	<b>161094</b>	<b>49323</b>	<b>75113</b>	<b>60227</b>	<b>184665</b>	<b>593951</b>	<b>804229</b>	<b>825515</b>	<b>2223696</b>

ALL FIGURES ARE IN THOUSANDS CU.FT.

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E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - INVERNESS

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBM	10 + UP DBH	TOTAL	DBH	DBH	DBH	
<b>SOFTWOOD LAND</b>																				
1									106	272	192	571					106	272	192	571
2									362	329	267	959					362	329	267	959
3	401	651	1064	2117	1169	844	385	2399	15089	18629	14763	48482	166	273	259	699	16827	20398	16473	53699
4	48080	75189	61842	185112	6268	5616	3049	14934	68423	65833	53822	188079	21727	39669	21050	82447	144500	186309	139765	470575
5	9329	6208	2105	17643	18	12		30	5495	2666	1406	9568	4265	4520	1855	10642	19108	13408	5367	37885
6																				
TOTAL	57811	82049	65012	204873	7456	6473	3435	17365	89477	87732	70453	247662	26160	44463	23165	93789	180905	220718	162067	563691
<b>MIXEDWOOD LAND</b>																				
1																				
2																				
3	719	822	605	2146	92	140	204	436	1373	2008	2623	6005					2184	2970	3433	8588
4	22964	38798	62158	123921	3795	5918	8820	18533	46653	60879	78810	186343	4582	4058	5645	14286	77996	109654	155434	343085
5	203	606	628	1437					584	443	274	1302	1119	1108	1607	3835	1907	2158	2509	6575
6																				
TOTAL	23886	40226	63392	127505	3887	6058	9024	18970	48611	63332	81708	193651	5701	5167	7252	18121	82087	114783	161378	358250
<b>HARDWOOD LAND</b>																				
1																				
2									285	129	56	471					285	129	56	471
3	363	203	452	1018					787	909	1285	2982	343	457	392	1193	1494	1570	2129	5194
4	9108	14898	31347	55354	1956	2518	4769	9244	22797	31767	56784	111349	2714	3505	7073	13293	36577	52689	99975	189242
5	207	381	1801	2390					37	34	141	213	456	455	1158	2070	702	871	3101	4675
6																				
TOTAL	9679	15483	33601	58764	1956	2518	4769	9244	23908	32840	58268	115016	3515	4417	8624	16557	39059	55260	105263	199583
<b>ALL FOREST LAND</b>																				
1									106	272	192	571					106	272	192	571
2									648	458	324	1430					648	458	324	1430
3	1484	1676	2121	5282	1262	984	590	2836	17250	21547	18672	57471	509	730	651	1892	20506	24939	22036	67482
4	80153	128886	155349	364389	12021	14053	16638	42713	137874	158480	189417	485772	29024	47232	33769	110027	259074	348653	395175	1002903
5	9740	7196	4535	21472	18	12		30	6116	3145	1822	11084	5842	6084	4621	16548	21717	16439	10977	49136
6																				
TOTAL	91377	137759	162006	391143	13301	15050	17229	45580	161996	183904	210430	556331	35377	54048	39043	128468	302053	390763	428708	1121525

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - VICTORIA

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
1																				
2																				
3									183	432	901	1517					183	432	901	1517
4	330	40	26	397				4244	5088	3229	12562					4575	5129	3255	12959	
5	57271	93755	79255	230281	203	314	362	879	36440	41645	38013	116098	10938	14590	8183	33713	104854	150305	125814	330973
6	20285	18961	10581	49828	253	204	313	771	2058	1781	723	4564	7074	7415	6965	21455	29672	28362	18583	76619
TOTAL	77887	112757	85862	280508	457	518	676	1651	42926	48947	42867	134742	18150	22203	15340	55693	139422	184427	148746	472595
<b>MIXEDWOOD LAND</b>																				
1																				
2																				
3																				
4	171	315	438	926					195	20		215	223	234	342	800	590	570	781	1943
5	21378	32716	54652	108747					18769	24961	30365	74096	3441	3107	4256	10806	43590	60735	89274	193650
6	245	271	236	753					1117	1116	1379	3613	329	319	613	1262	1692	1706	2229	5628
TOTAL	21795	33303	55328	110427					20083	26098	31744	77925	3995	3661	5212	12869	45874	63063	92285	201222
<b>HARDWOOD LAND</b>																				
1																				
2																				
3																				
4	4947	7871	18159	30978					395	527	1396	2319	94	92	770	957	489	620	2167	3277
5									8096	10201	16942	35240	1538	1770	3745	7054	14583	19843	38847	73274
6																				
TOTAL	4947	7871	18159	30978					8494	10729	18339	37562	1632	1863	4516	8012	15074	20463	41015	76553
<b>ALL FOREST LAND</b>																				
1																				
2																				
3																				
4	502	356	464	1324					185	432	901	1519					185	432	901	1519
5	83597	134342	152067	370008	203	314	362	879	4835	5636	4626	15097	318	326	1113	1758	5655	6319	6205	18180
6	20531	19232	10818	50581	253	204	313	771	63306	76808	85320	225435	15919	19468	16185	51574	163027	230934	253936	647898
TOTAL	104631	153932	163350	421914	457	518	676	1651	71504	85775	92950	250230	23778	27727	25069	76575	200371	267954	282046	750372

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - RICHMOND

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L				TOTAL <b>23</b>
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
<b>SOFTWOOD LAND</b>																					
1																					
2	92	129	59	281					184	217	73	475	658	211	179	1049	936	558	312	1807	
3	1205	988	441	2635	193	149	263	606	10856	7831	4742	23430	178	158	91	428	12434	9127	5538	27100	
4	13327	12665	6602	32594	880	501	207	1589	44283	29030	14220	87534	1287	477	321	2086	59779	42674	21351	123805	
5	4541	3186	596	8325	206	136		343	12438	6435	1572	20446	48			48	17235	9759	2168	29163	
6																					
TOTAL	19167	16969	7699	43836	1280	787	471	2539	67763	43515	20608	131886	2173	847	592	3613	90384	62120	29371	181876	
<b>MIXEDWOOD LAND</b>																					
1																					
2									91	55		146					91	55		146	
3									535	560	676	1772	72	35	19	127	607	596	696	1900	
4	4794	5412	3837	14044	407	303	573	1284	13618	12285	9781	35685					18820	18001	14192	51014	
5	94	108	19	222					578	510	293	1382					672	619	313	1605	
6																					
TOTAL	4888	5521	3857	14267	407	303	573	1284	14823	13412	10751	38987	72	35	19	127	20192	19272	15201	54666	
<b>HARDWOOD LAND</b>																					
1																					
2																					
3									457	262	197	917					457	262	197	917	
4	1023	1332	1507	3863	34	59	45	139	1464	1551	1908	4924					2521	2943	3462	8927	
5					2			2	79	33		112					81	33		114	
6																					
TOTAL	1023	1332	1507	3863	36	59	45	141	2000	1847	2106	5954					3060	3240	3659	9959	
<b>ALL FOREST LAND</b>																					
1																					
2	92	129	59	281					276	272	73	621	658	211	179	1049	1027	613	312	1954	
3	1205	988	441	2635	193	149	263	606	11849	8655	5616	26121	250	193	111	555	13499	9986	6432	29918	
4	19144	19410	11947	50502	1321	865	826	3013	59365	42867	25911	128143	1287	477	321	2086	81120	63620	39005	183746	
5	4636	3295	616	8547	208	136		345	13096	6979	1866	21941	48			48	17989	10411	2482	30883	
6																					
TOTAL	25079	23823	13064	61967	1724	1151	1089	3965	94587	58774	33466	176829	2246	882	612	3741	113637	84632	48233	246503	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CAPE BRETON

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
1																				
2																				
3	602	866	1041	2510					621	870	405	1896					621	870	405	1896
4	20112	17971	10662	48745	2085	1544	377	4007	13934	15771	12083	41788					14537	16638	13124	44299
5	4576	3436	1028	9041	1039	452	69	1561	9947	6337	1642	17928	2263	849	21	3134	17827	11076	47955	222532
6																			2762	31666
TOTAL	25291	22274	12731	60297	3125	1997	446	5569	96493	80225	50598	227317	4425	2314	470	7211	129335	106812	64247	300395
<b>MIXEDWOOD LAND</b>																				
1																				
2																				
3	260	550	744	1554					3143	2549	3536	9228					3403	3099	4280	10783
4	7471	7832	7797	23101	937	607	286	1830	36361	33955	34135	104452	596	488	924	2009	45367	42382	43144	131394
5	123	107	113	344	65			65	920	638	1137	2696					1109	745	1250	3106
6																				
TOTAL	7855	8489	8656	25000	1003	607	286	1896	40425	37143	38809	116378	596	488	924	2009	49881	46727	48676	145285
<b>HARDWOOD LAND</b>																				
1																				
2																				
3	126	170	254	552	422	48	22	492	23	35	214	273					23	35	214	273
4	2617	3803	5139	11560	764	273	21	1060	3630	3415	5769	12815	237	36	22	297	4416	3671	6068	14157
5									4			4					4			4
6																				
TOTAL	2743	3974	5394	12112	1186	322	43	1552	21724	21227	32729	75680	329	55	22	407	25984	25579	38190	89754
<b>ALL FOREST LAND</b>																				
1																				
2																				
3	989	1587	2040	4617	422	48	22	492	644	905	620	2170					644	905	620	2170
4	30200	29606	23599	83407	3787	2425	685	6899	20708	21736	21388	63833	237	36	22	297	22357	23408	23474	69240
5	4700	3543	1142	9386	1105	452	69	1627	126417	108977	97347	332742	2850	1972	1373	6196	163256	142982	123006	429245
6									10872	6976	2780	20629	2263	849	21	3134	18942	11822	4013	34778
TOTAL	35990	34738	26782	97410	5315	2927	776	9019	158643	138596	122137	419376	5352	2858	1417	9629	205201	179119	151114	535435

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, SITE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

TOTALS ALL MUNICIPALITIES

COVER TYPE AND SITE CLASS	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL					
<b>SOFTWOOD LAND</b>																			<b>25</b>		
1									106	272	192	571					106	272		192	571
2	92	129	59	281					1351	1849	1648	4849	658	211	179	1049	2103	2190		1887	6181
3	2547	2546	2573	7660	1363	993	649	3006	44125	47320	34818	126264	344	431	350	1127	48374	51293		38392	138059
4	133790	199581	158362	496734	9437	7976	3996	21411	221137	193756	142522	557415	36116	56202	30005	122324	405482	457517		334886	1197886
5	33733	31793	14311	34838	1517	806	383	2707	29940	17221	5345	52506	13652	12785	8843	35280	83844	62607		28882	175334
6													137	197	190	525	137	197		190	525
TOTAL	180157	234051	175306	585515	12319	9777	5029	27125	296660	260420	184527	741609	50910	69828	39569	160308	540048	574078	404432	1518555	
<b>MIXEDWOOD LAND</b>																					
1									91	55		146					91	55		146	
2																					
3	1151	1687	1788	4628	92	140	204	436	5246	5138	6836	17222	295	269	362	928	6786	7236	9192	23216	
4	56608	84759	128446	269814	5140	6828	9679	21649	115403	132082	153092	400578	8621	7654	10826	27102	185774	231325	302045	719145	
5	666	1092	998	2757	65			65	3201	2709	3084	8995	1449	1427	2220	5097	5382	5230	6303	16916	
6																					
TOTAL	58426	87540	131234	277201	5298	6968	9883	22151	123943	139986	163013	426943	10366	9352	13409	33128	198035	243847	317542	759424	
<b>HARDWOOD LAND</b>																					
1									310	164	271	746					310	164	271	746	
2																					
3	489	373	706	1570	422	48	22	492	5270	5116	8648	19035	675	586	1185	2448	6858	6125	10563	23547	
4	17696	27906	56155	101757	2755	2852	4836	10444	50423	61295	102381	214100	4345	5294	10819	20458	75221	97348	174191	346761	
5	207	381	1801	2390	2			2	121	68	141	331	456	455	1158	2070	788	904	3101	4795	
6																					
TOTAL	13394	28661	58663	105719	3179	2900	4858	10938	56127	66644	111442	234214	5478	6336	13163	24977	83179	104543	188128	375851	
<b>ALL FOREST LAND</b>																					
1									106	272	192	571					106	272	192	571	
2	92	129	59	281					1754	2069	1920	5743	658	211	179	1049	2505	2410	2159	7075	
3	4181	4608	5069	13859	1877	1182	875	3935	54643	57575	50304	162523	1316	1288	1899	4503	62019	64654	58148	184823	
4	213096	312246	342963	868307	17334	17658	18512	53505	386964	387134	397996	172095	49083	69151	51650	169885	666479	786191	811124	2263794	
5	33607	33268	17111	89987	1585	806	383	2775	33262	19999	8570	61833	15558	14668	12222	42449	90014	63743	33288	197046	
6													137	197	190	525	137	197	190	525	
TOTAL	256978	350253	365204	972436	20797	19647	19771	60216	476731	467051	458984	402768	66754	85517	66142	218414	821262	922470	910103	2653836	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - INVERNESS

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
<b>SOFTWOOD LAND</b>																					<b>26</b>
UP TO 40f	5209	7018	7101	19329	581	407	183	1172	8445	8710	9654	26810	2585	4828	3371	10785	16821	20964	20311	58097	
41f - 60f	15330	19741	17075	52146	1150	1028	475	2654	26407	24046	22525	72980	6635	10093	6595	23325	49523	54910	46672	151107	
61f - 80f	22647	40420	33432	96500	5272	4377	2550	12199	41358	41569	31027	113955	11438	20412	10442	42294	80717	106779	77453	264950	
81f - 100f	7785	9302	5843	22931	452	660	225	1338	12425	12476	6477	31378	5280	9033	2755	17069	25943	31473	15301	72718	
OVERSTOCKED	6838	5567	1558	13963					840	928	768	2537	220	94		315	7898	6590	2326	16816	
TOTAL	57811	82049	65012	204873	7456	6473	3435	17365	89477	87732	70453	247662	26160	44463	23165	93789	180905	220718	162067	563691	
<b>MIXEDWOOD LAND</b>																					
UP TO 40f	1810	3670	8626	14106	274	316	932	1523	4598	5814	8388	18801	441	520	1282	2245	7125	10321	19230	36677	
41f - 60f	12540	24133	36238	74912	813	1179	2027	4020	16111	21771	29222	67105	3146	3090	4979	11216	32612	50175	74467	157254	
61f - 80f	9532	12422	16492	38447	2800	4561	6064	13426	27528	35583	44049	107161	2026	1448	990	4465	41888	54016	67596	163500	
81f - 100f	3		35	39					371	162	49	583	86	107		194	461	270	84	817	
OVERSTOCKED																					
TOTAL	23896	40226	63392	127505	3887	6058	9024	18970	48611	63332	81708	193651	5701	5167	7252	18121	82087	114783	161378	358250	
<b>HARDWOOD LAND</b>																					
UP TO 40f	1660	2982	11003	15647	171	273	548	993	3448	4457	8917	16823	766	1016	3489	5271	6047	8730	23958	38735	
41f - 60f	4421	7254	14380	26056	1354	1649	3354	6358	7474	11514	22915	41904	1612	2116	3190	6918	14863	22533	43840	81237	
61f - 80f	3597	5245	8217	17061	430	596	866	1892	12793	16568	26316	55678	1136	1285	1945	4367	17959	23695	37345	79000	
81f - 100f									190	300	118	609					190	300	118	609	
OVERSTOCKED																					
TOTAL	9679	15483	33601	58764	1956	2518	4769	9244	23908	32840	58268	115016	3515	4417	8624	16557	39059	55260	105263	199583	
<b>ALL FOREST LAND</b>																					
UP TO 40f	8680	13671	26731	45083	1027	997	1664	3689	16492	18982	26960	62435	3793	6365	8143	18302	29994	40016	63500	133511	
41f - 60f	32292	51129	69694	153115	3317	3857	5857	13033	49994	57332	74663	181990	11394	15300	14765	41460	96998	127620	164980	389599	
61f - 80f	35777	58089	58142	152009	8503	9534	9481	27519	81681	93721	101392	276795	14602	23145	13378	51126	140565	184490	182395	507451	
81f - 100f	7789	9302	5879	22971	452	660	225	1338	12987	12939	6645	32572	5366	9141	2755	17263	26596	32044	15505	74145	
OVERSTOCKED	6838	5567	1558	13963					840	928	768	2537	220	94		315	7898	6590	2326	16816	
TOTAL	91377	137759	162006	391143	13301	15050	17229	45580	161996	183904	210430	556331	35377	54048	39043	128468	302053	390763	428708	1121525	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - VICTORIA

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
UP TO 40{	12679	15815	14014	42509	51	102		153	3100	4762	5122	12985	4447	6245	6514	17208	20279	26925	25651	72857
41{ - 60{	20863	24339	17771	62975	253	204	313	771	9702	12694	13453	35851	9656	12232	6860	28750	40476	49472	38400	128348
61{ - 80{	21744	36426	36609	94780	151	212	362	725	20528	22318	17633	60481	2059	2161	958	5179	44484	61119	55563	161166
81{ -100{	19377	32826	19892	72097					7043	7447	6278	20770	1986	1563	1005	4555	28407	41838	27177	97423
OVERSTOCKED	3223	3348	1574	8146					2551	1723	378	4653					5774	5072	1952	12799
TOTAL	77887	112757	89862	280508	457	518	676	1651	42926	48947	42867	134742	18150	22203	15340	55693	139422	184427	148746	472595
<b>MIXEDWOOD LAND</b>																				
UP TO 40{	3834	4785	10299	18919					1585	2054	3609	7249	749	941	1453	3144	6169	7781	15362	29314
41{ - 60{	10920	18037	28888	57846					7677	10309	13788	31775	1984	1866	2871	6723	20582	30214	45548	96345
61{ - 80{	6203	10125	15877	32207					10775	13624	13869	38269	1260	852	887	3001	18239	24603	30635	73478
81{ -100{	837	353	262	1453					28	81	423	534					866	435	686	1987
OVERSTOCKED									15	28	53	96					15	28	53	96
TOTAL	21795	33303	55328	110427					20083	26098	31744	77925	3995	3661	5212	12869	45874	63063	92285	201222
<b>HARDWOOD LAND</b>																				
UP TO 40{	1853	2015	5220	9088					416	422	1239	2077	185	282	1373	1841	2455	2720	7832	13008
41{ - 60{	2105	3885	7622	13614					3165	3915	5134	12216	1130	1369	2102	4602	6401	9170	14860	30432
61{ - 80{	988	1970	5316	8275					4912	6390	11965	23268	317	194	969	1481	6218	8556	18251	33026
81{ -100{														15	70	86		15	70	86
OVERSTOCKED																				
TOTAL	4947	7871	18159	30978					8494	10729	18339	37562	1632	1863	4516	8012	15074	20463	41015	76553
<b>ALL FOREST LAND</b>																				
UP TO 40{	18367	22616	29534	70518	51	102		153	5102	7239	9971	22313	5382	7470	9341	22194	28904	37428	48847	115179
41{ - 60{	33889	46263	54283	134436	253	204	313	771	20545	26920	32377	79843	12771	15469	11835	40076	67460	88857	98809	255127
61{ - 80{	28936	48523	57803	135263	151	212	362	725	36216	42334	43468	122019	3637	3209	2816	9663	68942	94278	104450	267671
81{ -100{	20215	33180	20155	73550					7072	7529	6702	21304	1986	1579	1076	4641	29273	42289	27934	99497
OVERSTOCKED	3223	3348	1574	8146					2566	1752	431	4750					5790	5100	2005	12896
TOTAL	104631	153932	163350	421914	457	518	676	1651	71504	85775	92950	250230	23778	27727	25069	76575	200371	267954	282046	750372

**27**

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - RICHMOND

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
<b>SOFTWOOD LAND</b>																				
UP TO 40(	1761	2122	1336	5221	171	120		291	8681	5974	3237	17893	82	38	33	153	10697	8256	4606	23560
41( - 60(	9101	7043	2717	18862	283	208	263	756	25307	16999	7295	49602	682	334	331	1348	35375	24585	10607	70569
61( - 80(	5545	5651	2020	13217	825	459	207	1491	21663	13088	5958	40710	1408	474	228	2111	29442	19674	8414	57531
81( -100(	2714	2122	1625	6462					10713	6770	3943	21427					13427	8893	5569	27889
OVERSTOCKED	44	28		72					1397	682	173	2253					1441	710	173	2325
TOTAL	19167	16969	7699	43836	1280	787	471	2539	67763	43515	20608	131886	2173	847	592	3613	90384	62120	29371	181876
<b>MIXEDWOOD LAND</b>																				
UP TO 40(	1300	1374	752	3427					2789	2603	3170	8653	72	35	19	127	4162	4103	3943	12208
41( - 60(	605	846	628	2079	407	303	573	1284	9135	8064	5144	22344					10148	9214	6346	25708
61( - 80(	2982	3301	2475	8759					2898	2653	2436	7989					5881	5955	4912	16749
81( -100(																				
OVERSTOCKED																				
TOTAL	4888	5521	3857	14267	407	303	573	1284	14823	13412	10751	38987	72	35	19	127	20192	19272	15201	54666
<b>HARDWOOD LAND</b>																				
UP TO 40(	323	341	378	1043	34	59	45	139	235	231	562	1029					593	633	986	2212
41( - 60(	639	824	1129	2593	2			2	1213	1386	1449	4049					1855	2210	2578	6645
61( - 80(	59	166		226					153	68	31	254					213	235	31	480
81( -100(									397	160	63	620					397	160	63	620
OVERSTOCKED																				
TOTAL	1023	1332	1507	3863	36	59	45	141	2000	1847	2106	5954					3060	3240	3659	9959
<b>ALL FOREST LAND</b>																				
UP TO 40(	3385	3838	2468	9692	205	179	45	430	11706	8900	6969	27576	154	73	52	281	15452	12993	9536	37982
41( - 60(	10346	8714	4474	23535	693	512	836	2042	35657	26450	13889	75996	682	334	331	1348	47380	36011	19532	102923
61( - 80(	8588	9119	4496	22204	825	459	207	1491	24715	15811	8426	48953	1408	474	228	2111	35538	25864	13358	74761
81( -100(	2714	2122	1625	6462					11110	6930	4007	22048					13825	9053	5632	28510
OVERSTOCKED	44	28		72					1397	682	173	2253					1441	710	173	2325
TOTAL	25079	23823	13064	61967	1724	1151	1089	3965	84587	58774	33466	176829	2246	882	612	3741	113637	84632	48233	246503

**28**

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - CAPE BRETON

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP		
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH		
<b>SOFTWOOD LAND</b>																					
UP TO 40f	3639	2883	1216	7739	397	181	34	614	11662	10078	9236	30977	129	100	57	287	15829	13244	10545	39619	
41f - 60f	7232	7376	4295	18904	1147	757	322	2227	26214	22631	15516	64362	1849	692	71	2613	36444	31457	20206	88108	
61f - 80f	10371	8910	5098	24381	1579	1058	89	2727	37055	33024	18993	89073	2142	1291	177	3612	51149	44285	24359	119793	
81f -100f	2621	2670	1727	7020					18780	13048	5792	37621	288	229	164	682	21691	15948	7684	45324	
OVERSTOCKED	1425	433	392	2251					2779	1442	1060	5282	15			15	4220	1876	1452	7549	
TOTAL	25291	22274	12731	60297	3125	1997	446	5569	96493	80225	50598	227317	4425	2314	470	7211	129335	106812	64247	300395	
<b>MIXEDWOOD LAND</b>																					
UP TO 40f	435	463	353	1252	95	17	27	139	5454	6058	8456	19969	295	291	490	1078	6281	6830	9327	22439	
41f - 60f	3468	4452	5319	13240	197	86	78	361	17140	15901	18077	51119	18			18	20825	20440	23474	64740	
61f - 80f	3839	3564	2982	10386	710	503	180	1395	16561	14670	11785	43017	282	196	433	912	21393	18935	15383	55711	
81f -100f	60	9		69					1268	513	490	2272					1328	522	490	2341	
OVERSTOCKED	52			52													52			52	
TOTAL	7855	8489	8656	25000	1003	607	286	1896	40425	37143	38809	116378	596	488	924	2009	49881	46727	48676	145285	
<b>HARDWOOD LAND</b>																					
UP TO 40f	452	518	751	1723	126	56		183	889	879	1708	3476					1468	1454	2460	5383	
41f - 60f	494	848	808	2152	539	217	21	778	6395	7349	13006	26750					7429	8415	13836	29682	
61f - 80f	1795	2606	3834	8236	520	48	22	591	14023	12649	17504	44176	329	55	22	407	16669	15359	21383	53412	
81f -100f									416	349	510	1276					416	349	510	1276	
OVERSTOCKED																					
TOTAL	2743	3974	5394	12112	1186	322	43	1552	21724	21227	32729	75680	329	55	22	407	25984	25579	38190	89754	
<b>ALL FOREST LAND</b>																					
UP TO 40f	4527	3865	2321	10714	619	255	61	937	18006	17015	19400	54423	425	391	548	1366	23579	21529	22333	67442	
41f - 60f	11196	12677	10423	34298	1884	1060	422	3367	49750	45882	46600	142232	1868	692	71	2632	64699	60313	57517	182530	
61f - 80f	16007	15081	11916	43004	2811	1610	292	4714	67640	60343	48282	176266	2754	1543	634	4932	89213	78579	61125	228918	
81f -100f	2681	2679	1727	7089					20465	13911	6793	41170	288	229	164	682	23436	16820	8685	48942	
OVERSTOCKED	1477	433	392	2303					2779	1442	1060	5282	15			15	4272	1876	1452	7601	
TOTAL	35890	34738	26782	97410	5315	2927	776	9019	158643	138596	122137	419376	5352	2858	1417	9629	205201	179119	151114	535435	

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES CN FORESTED LAND BY COVER TYPE, DENSITY CLASSES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

COVER TYPE AND DENSITY CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L				
	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH	UP TOTAL	4 - 6 DBH	7 - 9 DBH	10 + DBH		
<b>SOFTWOOD LAND</b>																					<b>30</b>
UP TO 40f	23289	27840	23669	74799	1202	811	218	2232	31890	29526	27250	88667	7245	11212	9977	28435	63628	69391	61116	194135	
41f - 60f	52528	58501	41859	152889	2834	2198	1376	6409	87631	76372	58792	222796	18824	23353	13858	56037	161819	160426	115886	438133	
61f - 80f	60308	91409	77161	228879	7829	6106	3209	17144	120606	110001	73612	304219	17049	24340	11807	53197	205793	231857	165790	603442	
81f -100f	32499	46922	29089	108512	452	660	225	1338	48963	39742	22491	111197	7555	10827	3925	22307	89470	98153	55732	243356	
OVERSTOCKED	11531	9377	3525	24433					7568	4777	2380	14726	235	94		330	19335	14249	5905	39491	
TOTAL	180157	234051	175306	585515	12319	9777	5029	27125	296660	260420	184527	741609	50910	69828	39569	160308	540048	574078	404432	1518556	
<b>MIXEDWOOD LAND</b>																					
UP TO 40f	7380	10293	20032	37706	369	333	960	1663	14428	16620	23624	54673	1559	1789	3246	6595	23738	29036	47863	100639	
41f - 60f	27534	47469	73075	148079	1417	1569	2678	5665	50065	56047	66232	172344	5150	4957	7851	17958	84168	110044	149836	344046	
61f - 80f	22558	29414	37828	89800	3511	5065	6245	14822	57764	66531	72140	196437	3569	2497	2312	8379	87403	103509	118526	309440	
81f -100f	901	362	297	1561					1668	757	963	3390	86	107		194	2656	1227	1261	5146	
OVERSTOCKED	52			52					15	28	53	96				67		28	53	148	
TOTAL	58426	87540	131234	277201	5298	6968	9883	22151	123943	139986	163013	426943	10366	9352	13409	33128	198035	243847	317542	759424	
<b>HARDWOOD LAND</b>																					
UP TO 40f	4290	5858	17353	27502	331	390	593	1315	4989	5991	12427	23408	951	1299	4862	7113	10563	13540	35236	59340	
41f - 60f	7661	12813	23941	44416	1896	1866	3376	7139	18249	24165	42505	84921	2742	3485	5293	11521	30550	42330	75116	147997	
61f - 80f	6442	9989	17368	33799	951	644	888	2483	31883	35677	55816	123377	1784	1535	2937	6257	41061	47846	77011	165919	
81f -100f									1004	810	692	2507		15	70	86	1004	826	763	2593	
OVERSTOCKED																					
TOTAL	18394	28661	58663	105719	3179	2900	4858	10938	56127	66644	111442	234214	5478	6336	13163	24977	83179	104543	189128	375851	
<b>ALL FOREST LAND</b>																					
UP TO 40f	34960	43993	61055	140009	1904	1535	1772	5211	51308	52138	63302	166749	9756	14301	18086	42144	97930	111968	144216	354115	
41f - 50f	87724	118784	138876	345385	6149	5634	7430	19214	155947	156585	167530	480063	26717	31796	27003	85517	276538	312801	340840	930181	
61f - 80f	99309	130812	132359	352481	12291	11816	10342	34451	210254	212210	201569	624035	22403	28373	17057	67834	334259	383213	361329	1078802	
81f -100f	33400	47285	29387	110073	452	660	225	1338	51636	41310	24148	117095	7641	10950	3995	22587	93131	109207	57757	251096	
OVERSTOCKED	11583	9377	3525	24485					7584	4805	2433	14823	235	94		330	19402	14278	5958	39640	
TOTAL	256978	350253	365204	972436	20797	19647	19771	60216	476731	467051	458984	402768	66754	85517	66142	218414	821262	922470	910103	2653836	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - INVERNESS

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP		
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH		
<b>SOFTWOOD LAND</b>																					<b>31</b>
UP TO 20YRS	68	8		77	69	150	188	408	466	274	131	873	76	73	120	270	680	507	441	1629	
21YRS - 40YRS	3139	1283	812	5236	18	12		30	11986	5601	2491	20079	1083	812	1381	3278	16227	7710	4685	28624	
41YRS - 60YRS	25653	27383	18177	71214	5729	5005	2738	13473	52633	54669	43568	150871	7752	10569	4291	22613	91769	97627	68775	258172	
61YRS - 80YRS	24877	47226	40559	112663	1639	1304	508	3451	20913	24208	21587	66709	15666	29755	14964	60386	63097	102494	77619	243211	
81YRS -100YRS	3561	6007	5348	14916					2133	2397	2335	6865	1537	3112	2359	7009	7232	11516	10043	28791	
101YRS OR MORE	154	30		185					289	177	116	582	42	140	48	231	486	348	164	999	
UNEVENAGED STANDS	356	109	113	580					1054	403	222	1680					1411	513	336	2261	
TOTAL	57811	82049	65012	204873	7456	6473	3435	17365	89477	87732	70453	247662	26160	44463	23165	93789	180905	220718	162067	563691	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS	3		35	39	4	54	83	142	240	202	148	591	141	36	66	244	390	293	333	1017	
21YRS - 40YRS	376	196	75	648	21	10		32	3044	1754	1791	6591	396	416	536	1349	3839	2377	2404	8622	
41YRS - 60YRS	6341	10353	13563	30258	1058	1803	1735	4596	20866	27360	30711	78938	2551	2046	1862	6461	30818	41563	47873	120254	
61YRS - 80YRS	15498	26561	41989	84049	2802	4189	7206	14198	22639	31132	43949	97722	1736	1579	1986	5302	42677	63463	95132	201273	
81YRS -100YRS	1666	3115	7728	12510					1287	2354	3639	7281	875	1088	2799	4763	3829	6559	14166	24555	
101YRS OR MORE									135	142	521	799					135	142	521	799	
UNEVENAGED STANDS									396	383	945	1726					396	383	945	1726	
TOTAL	23886	40226	63392	127505	3887	6058	9024	18970	48611	63332	81708	193651	5701	5167	7252	18121	82087	114783	161378	358250	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS	30	8	21	61					26		101	127	78	142	114	336	135	151	237	524	
21YRS - 40YRS	82	43	54	179					139	134	204	477	20	34		55	242	212	258	712	
41YRS - 60YRS	1956	3095	5089	10141	1010	1251	2578	4840	7858	8823	8826	25508	1975	2038	2300	6314	12801	15208	18794	46805	
61YRS - 80YRS	6154	9234	17012	32401	281	408	1119	1808	12439	18408	35288	66137	236	614	1599	2450	19112	28665	55019	102798	
81YRS -100YRS	1131	2491	8176	11799	664	858	1071	2594	3329	5339	12980	21650	912	1085	3265	5263	6037	9775	25494	41308	
101YRS OR MORE	324	609	3247	4181					113	134	866	1115	218	277	730	1226	657	1022	4844	6523	
UNEVENAGED STANDS													71	225	613	910	71	225	613	910	
TOTAL	9679	15483	33601	58764	1956	2518	4769	9244	23908	32840	58268	115016	3515	4417	8624	16557	39059	55260	105263	199583	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	102	17	57	177	73	205	271	551	733	477	381	1592	296	251	302	850	1207	952	1012	3172	
21YRS - 40YRS	3598	1523	942	6064	39	23		62	15169	7490	4487	27148	1501	1263	1918	4683	20309	10300	7348	37959	
41YRS - 60YRS	33951	40832	36830	111613	7799	8060	7052	22911	81358	90853	83106	255318	12280	14653	8454	35388	135389	154400	135443	425233	
61YRS - 80YRS	46530	83022	99561	229114	4723	5902	8833	19459	55992	73749	100826	230569	17640	31948	18550	68139	124887	194622	227772	547283	
81YRS -100YRS	6358	11614	21253	35226	664	858	1071	2594	6750	10091	18955	35798	3325	5286	8424	17036	17099	27851	49704	94655	
101YRS OR MORE	479	640	3247	4366					538	454	1504	2496	261	418	778	1458	1278	1512	5530	8322	
UNEVENAGED STANDS	356	109	113	580					1451	787	1168	3407	71	225	613	910	1879	1122	1896	4898	
TOTAL	91377	137759	162006	391143	13301	15050	17229	45580	161996	183904	210430	556331	35377	54048	39043	128468	302053	390763	428708	1121525	

ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - VICTORIA

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																T O T A L			TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP		
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH		
<b>SOFTWOOD LAND</b>																					
UP TO 20YRS	505	459	169	1135					196	239	265	702	11				11	714	699	435	1849
21YRS - 40YRS	7363	3710	1972	13046					4167	2208	1648	8024	621	356	430	1407	12151	6275	4051	22478	
41YRS - 60YRS	19211	23978	18439	61628					24406	25265	20465	70136	7287	6975	4004	18266	50905	56218	42908	150032	
61YRS - 80YRS	40582	70594	55202	166380	457	518	676	1651	12128	17521	16908	46559	9679	14008	10087	33776	62847	102644	82875	248367	
81YRS -100YRS	8940	12657	12682	34280					2027	3712	3578	9318	413	665	627	1706	11381	17034	16889	45305	
101YRS OR MORE	479	471	218	1169									137	197	190	525	616	668	409	1694	
UNEVENAGED STANDS	805	885	1176	2867													805	885	1176	2867	
TOTAL	77887	112757	89862	280508	457	518	676	1651	42926	48947	42867	134742	18150	22203	15340	55693	139422	184427	148746	472595	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS	61	36	31	129					126	53		179					187	89	31	309	
21YRS - 40YRS	479	315	268	1063					518	129	138	786	274	196	76	546	1271	641	483	2397	
41YRS - 60YRS	7082	8812	16548	32443					5306	6233	8455	19995	1130	1062	1478	3671	13519	16108	26482	56110	
61YRS - 80YRS	9786	16662	26211	52660					11531	15770	17118	44419	1831	1883	2339	6054	23149	34316	45669	103134	
81YRS -100YRS	3977	6918	11277	22173					2120	3181	5012	10315	759	519	1317	2596	6857	10619	17608	35085	
101YRS OR MORE									71	60	562	694					71	60	562	694	
UNEVENAGED STANDS	408	557	990	1956					409	668	456	1533					817	1226	1446	3490	
TOTAL	21795	33303	55328	110427					20083	26098	31744	77925	3995	3661	5212	12869	45874	63063	92285	201222	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS	4		103	107					24			24	16	15	124	156	45	15	227	289	
21YRS - 40YRS	48			48					194	58		253					243	58		301	
41YRS - 60YRS	711	960	2249	3922					1013	1116	1001	3131	463	319	994	1776	2188	2396	4246	8831	
61YRS - 80YRS	3365	6156	12519	22040					6418	8509	14185	29113	709	687	1001	2399	10493	15353	27706	53553	
81YRS -100YRS	817	754	3287	4859					671	893	2233	3797	443	840	2395	3679	1932	2487	7916	12336	
101YRS OR MORE									90	70	307	468					90	70	307	468	
UNEVENAGED STANDS									80	81	610	772					80	81	610	772	
TOTAL	4947	7871	18159	30978					8494	10729	18339	37562	1632	1863	4516	8012	15074	20463	41015	76553	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	571	496	304	1373					347	293	265	906	28	15	124	168	947	805	695	2448	
21YRS - 40YRS	7891	4025	2241	14158					4879	2396	1787	9064	895	553	506	1954	13666	6975	4535	25177	
41YRS - 60YRS	27006	33751	37237	97994					30726	32615	29922	93264	8880	8356	6477	23715	66613	74723	73637	214974	
61YRS - 80YRS	53733	93413	93934	241081	457	518	676	1651	30078	41801	48212	120093	12221	16579	13428	42229	96490	152313	156251	405056	
81YRS -100YRS	13735	20329	27247	61312					4819	7787	10824	23432	1615	2025	4341	7982	20170	30142	42414	92727	
101YRS OR MORE	479	471	218	1169					162	130	870	1163	137	197	190	525	778	799	1279	2858	
UNEVENAGED STANDS	1213	1443	2166	4823					489	750	1066	2306					1703	2194	3232	7130	
TOTAL	104631	153932	163350	421914	457	518	676	1651	71504	85775	92950	250230	23778	27727	25069	76575	200371	267954	282046	750372	

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - RICHMOND

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																			T O T A L		
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL		
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL		
<b>33</b>																						
<b>SOFTWOOD LAND</b>																						
UP TO 20YRS	288	232	116	637					436	307	192	936	8	38	33	80	733	579	341	1653		
21YRS - 40YRS	1248	849	667	2765	197	178	263	639	9919	4160	1929	16009	828	331	237	1397	12195	5519	3098	20812		
41YRS - 60YRS	8067	6821	2422	17312	1008	558	207	1774	32149	20504	10409	63064	1145	427	321	1894	42370	28312	13361	84045		
61YRS - 80YRS	7586	7160	3757	18504	74	51		125	18589	13800	6256	38646	190	49		240	26440	21062	10014	57517		
81YRS -100YRS	1780	1757	624	4161					5199	3465	1480	10146					6979	5222	2105	14307		
101YRS OR MORE	196	147	111	455					1413	1237	339	2990					1610	1385	450	3446		
UNEVENAGED STANDS									54	38		93					54	38		93		
<b>TOTAL</b>	<b>19167</b>	<b>16969</b>	<b>7699</b>	<b>43836</b>	<b>1280</b>	<b>787</b>	<b>471</b>	<b>2539</b>	<b>67763</b>	<b>43515</b>	<b>20608</b>	<b>131886</b>	<b>2173</b>	<b>847</b>	<b>592</b>	<b>3613</b>	<b>90384</b>	<b>62120</b>	<b>29371</b>	<b>181876</b>		
<b>MIXEDWOOD LAND</b>																						
UP TO 20YRS	5			5					60	49	108	218					66	49	108	224		
21YRS - 40YRS									582	407	39	1030	72	35	19	127	655	442	59	1157		
41YRS - 60YRS	1101	1061	516	2680					6443	5476	3974	15895					7545	6538	4491	18575		
61YRS - 80YRS	3197	3846	3223	10266	407	303	573	1284	7329	6925	5760	20016					10934	11075	9557	31567		
81YRS -100YRS	408	370	19	798					358	493	781	1632					766	863	801	2431		
101YRS OR MORE									47	59	86	193					47	59	86	193		
UNEVENAGED STANDS	175	243	96	516													175	243	96	516		
<b>TOTAL</b>	<b>4888</b>	<b>5521</b>	<b>3857</b>	<b>14267</b>	<b>407</b>	<b>303</b>	<b>573</b>	<b>1284</b>	<b>14823</b>	<b>13412</b>	<b>10751</b>	<b>38987</b>	<b>72</b>	<b>35</b>	<b>19</b>	<b>127</b>	<b>20192</b>	<b>19272</b>	<b>15201</b>	<b>54666</b>		
<b>HARDWOOD LAND</b>																						
UP TO 20YRS					2			2												2		
21YRS - 40YRS									153	68	31	254					153	68	31	254		
41YRS - 60YRS	346	418	559	1324					683	449	242	1375					1030	868	802	2700		
61YRS - 80YRS	676	914	948	2538	34	59	45	139	381	454	667	1502					1091	1428	1660	4181		
81YRS -100YRS									782	874	1165	2821					782	874	1165	2821		
101YRS OR MORE																						
UNEVENAGED STANDS																						
<b>TOTAL</b>	<b>1023</b>	<b>1332</b>	<b>1507</b>	<b>3863</b>	<b>36</b>	<b>59</b>	<b>45</b>	<b>141</b>	<b>2000</b>	<b>1847</b>	<b>2106</b>	<b>5954</b>					<b>3060</b>	<b>3240</b>	<b>3659</b>	<b>9959</b>		
<b>ALL FOREST LAND</b>																						
UP TO 20YRS	293	232	116	642	2			2	497	356	300	1154	8	38	33	80	801	628	450	1880		
21YRS - 40YRS	1248	849	667	2765	197	178	263	639	10656	4636	2000	17293	901	366	257	1525	13004	6030	3189	22224		
41YRS - 60YRS	9516	8301	3498	21317	1008	558	207	1774	39276	26431	14627	80335	1145	427	321	1894	50946	35719	18655	105321		
61YRS - 80YRS	11459	11920	7929	31310	516	414	618	1549	26300	21181	12684	60166	190	49		240	38466	33566	21233	93266		
81YRS -100YRS	2188	2127	644	4959					6340	4832	3427	14600					8528	6960	4071	19560		
101YRS OR MORE	196	147	111	455					1461	1297	425	3185					1658	1445	536	3640		
UNEVENAGED STANDS	175	243	96	516					54	38		93					230	282	96	609		
<b>TOTAL</b>	<b>25079</b>	<b>23823</b>	<b>13064</b>	<b>61967</b>	<b>1724</b>	<b>1151</b>	<b>1089</b>	<b>3965</b>	<b>84587</b>	<b>58774</b>	<b>33466</b>	<b>176829</b>	<b>2246</b>	<b>882</b>	<b>612</b>	<b>3741</b>	<b>113637</b>	<b>84632</b>	<b>48233</b>	<b>246503</b>		

ALL FIGURES ARE IN THOUSANDS CU.FT.

S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

MUNICIPALITY - CAPE BRETON

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S																			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	
<b>SOFTWOOD LAND</b>																				
UP TO 20YRS	6			6					158	193	27	378					164	193	27	384
21YRS - 40YRS	3147	1501	1144	5793	110	10	27	149	15791	6840	4768	27401	278	229	164	672	19328	8583	6105	34016
41YRS - 60YRS	9752	8380	3620	21754	1492	1128	175	2796	45697	39764	24319	109781	1038	408	43	1490	57980	49682	28159	135822
61YRS - 80YRS	8881	8509	5943	23334	1522	858	243	2623	28598	27651	18580	74830	2290	1206	241	3738	41293	38225	25009	104528
81YRS -100YRS	3302	3758	1862	8923					5353	4993	2262	12609	818	469	21	1309	9474	9221	4147	22843
101YRS OR MORE	136	79		216					386	466	104	957					522	545	104	1173
UNEVENAGED STANDS	64	44	159	268					506	315	534	1357					571	360	694	1626
TOTAL	25291	22274	12731	60297	3125	1997	446	5569	96493	80225	50598	227317	4425	2314	470	7211	129335	106812	64247	300395
<b>MIXEDWOOD LAND</b>																				
UP TO 20YRS									162	159	174	496					162	159	174	496
21YRS - 40YRS	337	71	149	558	142	46	54	243	2291	1025	652	3970	231	148	306	686	3003	1292	1163	5459
41YRS - 60YRS	2185	1717	953	4856	860	560	231	1653	17628	13125	9952	40706	167	117	176	461	20675	15403	11137	47216
61YRS - 80YRS	4224	4973	5761	14959					17092	18662	22787	58543	167	117	176	461	21485	23753	28725	73965
81YRS -100YRS	935	1536	1567	4039					2739	3644	4533	10918	197	222	441	861	3873	5403	6543	15819
101YRS OR MORE	46	23	44	113					150	179	268	598					196	202	312	711
UNEVENAGED STANDS	124	166	179	471					359	346	439	1144					484	512	618	1615
TOTAL	7855	8489	8656	25000	1003	607	286	1896	40425	37143	38809	116378	596	488	924	2009	49881	46727	48676	145285
<b>HARDWOOD LAND</b>																				
UP TO 20YRS					16			16	10			10					27			27
21YRS - 40YRS	29			29	620	48	22	690	2236	505	767	3509	329	55	22	407	3216	609	811	4637
41YRS - 60YRS	828	686	1032	2547	549	273	21	845	10028	7349	11133	28511					11406	8310	12187	31904
61YRS - 80YRS	1641	2887	3885	8414					6244	8696	10659	25601					7885	11584	14545	34015
81YRS -100YRS	244	399	477	1121					3066	4435	9372	16874					3310	4835	9849	17995
101YRS OR MORE									138	238	796	1173					138	238	796	1173
UNEVENAGED STANDS																				
TOTAL	2743	3974	5394	12112	1186	322	43	1552	21724	21227	32729	75680	329	55	22	407	25984	25579	38190	89754
<b>ALL FOREST LAND</b>																				
UP TO 20YRS	6			6	16			16	331	352	201	885					354	352	201	907
21YRS - 40YRS	3515	1572	1293	6382	873	105	104	1083	20320	8372	6188	34881	839	433	493	1766	25548	10485	8080	44114
41YRS - 60YRS	12767	10784	5606	29158	2902	1963	428	5294	73354	60239	45405	178999	1038	408	43	1490	90062	73396	51484	214943
61YRS - 80YRS	14747	16370	15590	46708	1522	858	243	2623	51936	55011	52028	158975	2458	1324	417	4200	70664	73564	68280	212508
81YRS -100YRS	4482	5694	3907	14084					11159	13073	16168	40402	1016	692	463	2171	16658	19460	20539	56659
101YRS OR MORE	182	103	44	329					674	884	1170	2729					857	987	1214	3059
UNEVENAGED STANDS	189	211	339	740					865	661	974	2501					1055	873	1313	3242
TOTAL	35890	34738	26782	97410	5315	2927	776	9019	158643	138596	122137	419376	5352	2858	1417	9629	205201	179119	151114	535435

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY COVER TYPE, AGE CLASSES, DBH GROUP AND OWNERSHIP CLASSES

TOTALS ALL MUNICIPALITIES

COVER TYPE AND AGE CLASS	O W N E R S H I P C L A S S															T O T A L				TOTAL	
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S			4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL		
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH						TOTAL
<b>SOFTWOOD LAND</b>																					
UP TO 20YRS	868	701	286	1856	69	150	188	408	1258	1014	617	2889	96	111	153	362	2292	1978	1246	5517	
21YRS - 40YRS	14900	7345	4596	26841	326	201	291	819	41864	18811	10838	71514	2812	1730	2213	6756	59903	28088	17940	105932	
41YRS - 60YRS	62685	66563	42660	171909	8230	6692	3121	18044	154887	140204	98762	393854	17223	18380	8660	44264	243026	231841	153205	628073	
61YRS - 80YRS	81927	133491	105463	320882	3693	2732	1427	7853	80229	83182	63333	226746	27828	45020	25292	98141	193678	264426	195518	653624	
81YRS -100YRS	17583	24180	20518	62282					14714	14568	9657	38940	2769	4247	3008	10025	35067	42995	33185	111248	
101YRS OR MORE	966	729	330	2025					2089	1881	560	4530	179	338	238	757	3235	2948	1129	7313	
UNEVENAGED STANDS	1226	1040	1450	3716					1616	757	757	3131					2842	1798	2207	6848	
TOTAL	180157	234051	175306	589515	12319	9777	5029	27125	296660	260420	184527	741609	50910	69828	39569	160308	540048	574078	404432	1518559	
<b>MIXEDWOOD LAND</b>																					
UP TO 20YRS	70	36	67	174	4	54	83	142	590	464	431	1486	141	36	66	244	807	592	648	2047	
21YRS - 40YRS	1193	583	494	2271	164	57	54	275	6437	3317	2623	12378	974	796	939	2710	8769	4754	4111	17636	
41YRS - 60YRS	16711	21944	31582	70238	1919	2363	1967	6249	50244	52196	53094	155536	3682	3108	3341	10132	72558	79613	89985	242157	
61YRS - 80YRS	32706	52043	77186	161936	3210	4493	7779	15483	58593	72492	89616	220702	3736	3579	4502	11818	98246	132608	179085	409941	
81YRS -100YRS	6988	11940	20592	39521					6506	9674	13967	30147	1832	1831	4558	8222	15327	23445	39119	77892	
101YRS OR MORE	46	23	44	113					405	441	1439	2286					451	465	1483	2399	
UNEVENAGED STANDS	708	968	1266	2944					1164	1398	1840	4404					1873	2366	3107	7348	
TOTAL	58426	87540	131234	277201	5298	6968	9883	22151	123943	139986	163013	426943	10366	9352	13409	33128	198035	243847	317542	759424	
<b>HARDWOOD LAND</b>																					
UP TO 20YRS	35	8	124	168	18			18	62		101	163	95	158	239	492	211	167	464	843	
21YRS - 40YRS	160	43	54	258	620	48	22	690	2724	767	1002	4494	350	90	22	463	3855	949	1101	5906	
41YRS - 60YRS	3843	5161	8930	17935	1560	1525	2600	5686	19583	17739	21204	58527	2439	2357	3294	8090	27426	26783	36030	90241	
61YRS - 80YRS	11837	19192	34365	65395	315	468	1164	1948	25484	36069	60801	122354	946	1302	2600	4849	38584	57031	98932	194548	
81YRS -100YRS	2193	3645	11941	17779	664	858	1071	2594	7849	11543	25751	45144	1355	1925	5661	8942	12063	17973	44425	74462	
101YRS OR MORE	324	609	3247	4181					342	443	1971	2757	218	277	730	1226	885	1331	5948	8165	
UNEVENAGED STANDS									80	81	610	772	71	225	613	910	152	306	1223	1682	
TOTAL	18394	28661	58663	105719	3179	2900	4858	10938	56127	66644	111442	234214	5478	6336	13163	24977	83179	104543	188128	375851	
<b>ALL FOREST LAND</b>																					
UP TO 20YRS	974	747	478	2199	92	205	271	570	1910	1478	1149	4539	333	306	459	1099	3310	2738	2359	8408	
21YRS - 40YRS	16254	7971	5145	29371	1111	306	367	1786	51026	22896	14464	88387	4137	2616	3176	9930	72529	33792	23153	129475	
41YRS - 60YRS	83240	93669	83173	260083	11710	10581	7688	29980	224715	210141	173061	607919	23344	23846	15297	62488	343012	338239	279221	960472	
61YRS - 80YRS	126471	204727	217015	548215	7218	7693	10371	25284	164307	191744	213752	569804	32511	49902	32396	114810	330509	454067	473537	1258114	
81YRS -100YRS	26764	39765	53052	119583	664	858	1071	2594	29070	35786	49376	114233	5957	8004	13229	27190	62457	84414	116730	263603	
101YRS OR MORE	1336	1362	3621	6321					2837	2766	3970	9574	398	615	969	1983	4573	4745	8561	17880	
UNEVENAGED STANDS	1935	2008	2716	6660					2861	2237	3208	8308	71	225	613	910	4869	4471	6539	15880	
TOTAL	256978	350253	365204	972436	20797	19647	19771	60216	476731	467051	458984	402768	66754	85517	66142	218414	821262	922470	910103	2653836	

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

06/10/71 MUNICIPALITY - INVERNESS

S P E C I E S	O W N E R S H I P C L A S S																T O T A L				
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	TOTAL	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	
WHITE SPRUCE	1866	3377	5454	10698	1189	848	1186	3223	26518	34697	40472	101689	503	1110	1844	3458	30078	40034	48957	119070	
SPRUCE-RED + BLACK FIR	5674	6095	4743	16514	2041	1377	419	3837	21436	17851	10457	49745	1174	1623	1627	4425	30327	26946	17248	74522	
HEMLOCK	67470	97174	75649	240294	6744	7241	3169	17155	76181	70670	30227	177079	29142	43945	18809	91896	179539	219031	127856	526426	
WHITE PINE		16	132	148	41	90		1182	1314	94	566	7027	7689	27	8	362	397	163	681	8704	9549
RED PINE		15	164	180	7			330	337	74	285	4770	5130				81	301	5265	5648	
LARCH	404	368	228	1002	278	297	69	644	2375	3294	1776	7445	8	50		59	2	2		2	
JACK PINE																					
SCOTCH PINE																					
CEDAR																					
TOTAL SOFTWOODS	75417	107048	86372	268838	10302	9853	6357	26514	126683	127366	94731	348781	30857	46737	22643	100237	243260	291006	210105	744372	
SUGAR MAPLE	3094	6831	18143	28069	368	863	3559	4790	6928	14481	38199	59608	643	652	1570	2866	11033	22828	61472	95334	
RED MAPLE	3776	6424	6549	16750	1065	2134	2969	6170	11255	16172	21411	48839	675	628	786	2089	16773	25359	31716	73849	
YELLOW BIRCH	4151	9855	43407	57413	614	963	3050	4629	6048	11861	36438	54349	887	2017	10666	13571	11702	24698	93564	129964	
WHITE BIRCH	2704	4989	4335	12029	110	228	230	570	3620	3256	3690	10566	1077	2888	2563	6528	7513	11362	10819	29695	
OAK									19	16	115	150	16	12	129	158	35	29	244	309	
ASPEN	8	35	217	261	89	76	141	307	524	1019	2396	3941	25	80		106	648	1212	2756	4616	
GREY BIRCH									27			27	2			2	30			30	
WHITE ASH	35	21	151	208	17	16		34	186	482	503	1173					239	521	654	1415	
BLACK ASH	46	52	21	120					29	69	123	222	48	25	98	172	123	147	243	514	
CHERRY	62	80	21	164	19			19	70	43	43	157	86	25		111	237	149	64	452	
ELM									31	145	448	624					31	145	448	624	
BEECH	1980	2393	2786	7159	703	913	919	2536	6395	8850	12305	27552	1057	979	586	2623	10137	13136	16597	39871	
BALSAM POPLAR																					
TOTAL HARDWOODS	15859	30683	75633	122177	2989	5196	10871	19057	35136	56400	115676	207213	4520	7310	16400	28231	58506	99591	218581	376679	
MISCELLANEOUS	100	27		128	8			8	175	138	21	336					285	165	21	472	
TOTAL FOREST LAND	91377	137759	162006	391143	13301	15050	17229	45580	161996	183904	210430	556331	35377	54048	39043	128468	302053	390763	428708	1121525	

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ALL FIGURES ARE IN THOUSANDS CU. FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - VICTORIA

S P E C I E S	O W N E R S H I P C L A S S																			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				T O T A L			
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	
WHITE SPRUCE	1978	3086	4688	9753	1			1	16870	24275	29054	70200	638	1114	1872	3624	19488	28476	35615	83580
SPRUCE-RED + BLACK	7981	10830	10648	29460	159	182	150	493	6656	7631	4800	19087	3629	3505	2275	9410	18426	22149	17875	58452
FIR	84781	117163	86758	288703	213	310	504	1028	33784	32523	14455	80764	16490	19277	9845	45613	135269	169274	111564	416109
HEMLOCK	5	49	751	806					29	116	1602	1748	32	56	233	322	67	221	2587	2876
WHITE PINE	2	114	2262	2379					23	93	2593	2709	63	217	3277	3558	89	425	8133	8647
RED PINE																				
LARCH	485	160	40	686	29	9		39	354	499	363	1216	49	129	178	918	799	404	2121	
JACK PINE	343	58		402									201	338	353	893	545	397	353	1295
SCUTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	95577	131463	105150	332192	404	502	655	1562	57718	65138	52870	175727	21104	24639	17858	63601	174805	221744	176534	573084
SUGAR MAPLE	1157	3580	10749	15487					2226	4413	12942	19582	241	389	2272	2902	3625	8383	25964	37973
RED MAPLE	1635	3753	5098	10488	37	15	20	74	3691	6238	6793	16722	970	928	1032	2931	6336	10936	12944	30216
YELLOW BIRCH	2803	8619	34914	46337					2803	4461	13200	20465	200	358	2243	2802	5807	13439	50358	69605
WHITE BIRCH	2436	5085	4774	12296	14			14	2431	2014	1360	5807	726	688	700	2115	5609	7788	6835	20233
OAK	2	31	71	105					18	12	95	125		8	78	86	20	52	244	318
ASPEN	21	14		35					268	381	1225	1874	166	53	58	277	456	448	1283	2188
GREY BIRCH																				
WHITE ASH	18		46	64					84	73	229	386	32	60		93	134	134	275	545
BLACK ASH		12		12						33		33						45		45
CHERRY	4			4					14			14	3			3	22			22
ELM											39	39							39	39
BEECH	901	1353	2545	4800					2246	2996	4195	9438	332	600	825	1759	3481	4951	7566	15999
BALSAM POPLAR																				
TOTAL HARDWOODS	8982	22451	58199	89633	52	15	20	88	13785	20624	40080	74491	2674	3088	7211	12973	25494	46180	105512	177187
MISCELLANEOUS	71	17		88						12		12					71	29		100
TOTAL FOREST LAND	104631	153932	163350	421914	457	518	676	1651	71504	85775	92950	250231	23778	27727	25069	76575	200371	267954	282046	750372

ALL FIGURES ARE IN THOUSANDS CU.FT.

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E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - RICHMOND

S P E C I E S	O W N E R S H I P C L A S S																T O T A L			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	
WHITE SPRUCE	758	1308	1266	3333	29	83	100	213	6690	7642	7556	21889	286	225	173	685	7765	9259	9096	26120
SPRUCE-RED + BLACK	6356	6603	1947	14906	133	99		233	23123	14871	4786	42781	647	122	89	859	30261	21696	6822	58781
FIR	13697	10152	4501	28350	1274	628	227	2130	42522	23833	6992	73348	1208	458	310	1977	58702	35073	12031	105807
HEMLOCK			51	51					12	51	662	726				12	12	51	714	777
WHITE PINE	5	10	128	144	4			4	25	61	1042	1129	2	14	39	56	37	86	1209	1334
RED PINE			32	32															32	32
LARCH	1062	1108	418	2589	18	71	24	114	2491	2120	765	5377	34	61		95	3605	3362	1208	8177
JACK PINE																				
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	21880	19182	8345	49408	1460	883	352	2696	74865	48581	21805	145252	2179	882	612	3674	100385	69530	31116	201031
SUGAR MAPLE	54	158	102	315	2		31	33	178	546	1044	1769					235	704	1178	2118
RED MAPLE	915	1447	1126	3489	24	20	113	157	4456	4415	2881	11753	40			40	5436	5882	4121	15441
YELLOW BIRCH	903	1689	2910	5503	90	145	453	689	2314	2664	5058	10038	8			8	3318	4499	8422	16240
WHITE BIRCH	1287	1218	331	2837	139	85	69	293	2242	1906	1335	5485	8			8	3678	3209	1736	8624
OAK									26	11		38					26	11		38
ASPEN	3	19	137	160					273	193	538	1004					276	212	676	1165
GREY BIRCH									14	11		26					14	11		26
WHITE ASH		8		8					98	129	111	339					98	137	111	347
BLACK ASH									9	11		21					9	11		21
CHERRY	13			13					4	40		44					18	40		58
ELM																				
BEECH	19	99	110	229	7	16	70	94	92	262	689	1044	8			8	128	379	870	1378
BALSAM POPLAR																				
TOTAL HARDWOODS	3198	4641	4718	12558	263	268	737	1269	9712	10193	11660	31566	66			66	13241	15102	17117	45461
MISCELLANEOUS									9			9					9			9
TOTAL FOREST LAND	25079	23823	13064	61967	1724	1151	1089	3965	84587	58774	33466	176829	2246	882	612	3741	113637	84632	48233	246503

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES CN FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

MUNICIPALITY - CAPE BRETON

S P E C I E S	O W N E R S H I P C L A S S																T O T A L			TOTAL
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6	7 - 9	10 + UP	
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	
WHITE SPRUCE	1510	2388	4044	7943	41	104	161	306	17873	24084	29319	71277	85	172	94	353	19510	26749	33620	79880
SPRUCE-RED + BLACK	6869	7715	2603	17188	2112	1387	282	3782	25401	24261	9804	59467	1200	438	195	1835	35585	33802	12887	82274
FIR	20244	15018	4525	39788	933	386	21	1341	71525	43505	14165	129195	3355	1817	322	5495	96058	60727	19035	175821
HEMLOCK	14	24	213	252			21	21	221	543	4579	5345	6	23	288	319	242	591	5103	5937
WHITE PINE	33	115	1772	1921	12	31	84	128	39	186	2581	2807	4		4	83	333	4439	4862	
RED PINE																				
LARCH	541	701	733	1976	333	227	27	588	3624	3980	2284	9889	90	92		183	4589	5002	3045	12637
JACK PINE			52	52															52	52
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	29212	25963	13946	69122	3432	2137	599	6169	118687	96561	62734	277983	4743	2544	902	8190	156076	127207	78182	361466
SUGAR MAPLE	338	794	2508	3640					2286	3687	10656	16630	30	12	125	168	2654	4495	13290	20439
RED MAPLE	1169	2105	2455	5731	580	383	71	1035	13580	15444	17142	46167	187	22	135	344	15518	17955	19805	53279
YELLOW BIRCH	2070	3369	6593	12034	59	22		81	7217	8611	16673	32502	63	61	175	300	9410	12065	23443	44918
WHITE BIRCH	2781	1994	650	5427	769	261	56	1087	11689	7478	4632	23800	226	127	22	375	15466	9861	5361	30689
OAK										12	22	34						12	22	34
ASPEN	121	72	151	344	399	109	27	536	1571	1518	1771	4862	8	15		23	2100	1716	1950	5767
GREY BIRCH									11		67	79					11		67	79
WHITE ASH	15	48		64					4	68	27	100	2			2	22	117	27	167
BLACK ASH										12		12						12		12
CHERRY									87	91		179					87	91		179
ELM											104	104								104
BEECH	179	389	476	1045	55	12	22	90	3348	5087	8304	16740	91	74	56	223	3674	5564	8859	18098
BALSAM POPLAR																				
TOTAL HARDWOODS	6677	8774	12836	28288	1863	789	177	2830	39796	42015	59402	141215	609	313	515	1438	48946	51893	72931	173772
MISCELLANEOUS					18			18	159	18		177					177	18		196
TOTAL FOREST LAND	35890	34738	26782	97410	5315	2927	776	9019	158643	138596	122137	419376	5352	2858	1417	9629	205201	179119	151114	535435

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ALL FIGURES ARE IN THOUSANDS CU.FT.

E S T I M A T E - GROSSCUBIC FT. VOLUMES ON FORESTED LAND BY SPECIES, DBH GROUP AND OWNERSHIP CLASS

TOTALS ALL MUNICIPALITIES

S P E C I E S	O W N E R S H I P C L A S S																T O T A L			
	C R O W N L A N D				L A R G E O W N E R S				S M A L L O W N E R S				M I L I T A R Y R E S E R V E S A N D P A R K S				4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL
	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL	4 - 6 DBH	7 - 9 DBH	10 + UP DBH	TOTAL				
WHITE SPRUCE	6114	10161	15453	31728	1261	1035	1448	3745	67952	90700	106402	265056	1513	2623	3985	8122	76842	104520	127289	308652
SPRUCE-RED + BLACK	26882	31244	19943	78070	4447	3046	852	8347	76618	64615	29848	171082	6652	5689	4188	16530	114601	104595	54833	274030
FIR	186193	239508	171435	597137	9166	8566	3923	21656	224014	170533	65841	460388	50196	65498	29287	144982	469570	484106	270487	1224164
HEMLOCK	19	89	1149	1258	41	90	1204	1336	359	1277	13872	15509	67	87	883	1038	487	1545	17109	19142
WHITE PINE	41	255	4327	4625	24	31	414	470	162	627	10988	11777	70	232	3317	3620	298	1147	19047	20493
RED PINE			32	32					2			2					2		32	35
LARCH	2493	2339	1421	6254	660	606	121	1387	8845	9894	5189	23929	182	334		516	12181	13174	6731	32088
JACK PINE	343	58	52	455									201	338	353	893	545	397	405	1348
SCOTCH PINE																				
CEDAR																				
TOTAL SOFTWOODS	222088	283658	213815	719562	15601	13377	7964	36943	377955	337648	232142	947745	58884	74804	42015	175704	674529	709488	495938	1879956
SUGAR MAPLE	4645	11364	31503	47513	370	863	3590	4823	11619	23129	62843	97592	914	1055	3968	5937	17549	36411	101905	155866
RED MAPLE	7497	13731	15230	36459	1708	2554	3175	7438	32984	42270	48228	123483	1873	1578	1953	5406	44064	60134	68588	172787
YELLOW BIRCH	9929	23533	87826	121289	765	1131	3504	5400	18384	27599	71371	117355	1159	2437	13086	16683	30238	54702	175788	260729
WHITE BIRCH	9211	13287	10091	32590	1034	575	356	1965	19983	14656	11019	45659	2038	3703	3285	9028	32267	32222	24752	89243
OAK	2	31	71	105					63	53	232	349	16	21	207	245	82	106	511	700
ASPEN	154	141	507	803	489	185	168	843	2638	3112	5932	11683	200	149	58	407	3482	3589	6666	13738
GREY BIRCH									54	11	67	133	2			2	56	11	67	136
WHITE ASH	69	78	197	346	17	16		34	373	754	872	2000	34	60		95	495	910	1070	2476
BLACK ASH	46	64	21	132					39	127	123	289	48	25	98	172	133	217	243	594
CHERRY	80	80	21	182	19			19	176	176	43	395	89	25		115	365	292	64	712
ELM									31	145	591	767				31	145	591		767
BEECH	3081	4236	5918	13235	766	943	1011	2721	12082	17198	25495	54776	1491	1655	1468	4614	17421	24032	33893	75347
BALSAM POPLAR																				
TOTAL HARDWOODS	34718	66550	151388	252657	5169	6269	11807	23246	98431	129234	226821	454487	7870	10713	24126	42709	146189	212768	414143	773101
MISCELLANEOUS	171	44		216	27			27	344	169	21	535					543	213	21	779
TOTAL FOREST LAND	256978	350253	365204	972436	20797	19647	19771	60216	476731	467051	458984	402768	66754	85517	66142	218414	821262	922470	910103	2653837

ALL FIGURES ARE IN THOUSANDS CU.FT.

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MAJOR FOREST AND NON-FOREST LAND CLASSIFICATION

SUBDIVISION 7

AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

FOREST LAND AND NON-FOREST LAND CLASSIFICATION	M U N I C I P A L I T Y																				A L L M U N I C I P A L I T I E S				
	I N V E R N E S S					V I C T O R I A					R I C H M O N D					C A P E B R E T O N									
	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
FOREST LAND																									
SOFTWOOD LAND	14056	1307	21912	7025	44301	19758	116	10043	7032	36950	4204	356	15088	594	20244	5449	763	21493	833	28540	43469	2543	68538	15484	130036
MIXEDWOOD LAND	8610	1410	13529	1483	25034	7735		5811	1255	14803	1138	164	3541	33	4877	1711	300	10385	276	12673	19195	1875	33268	3049	57388
HARDWOOD LAND	3993	557	7560	1496	13608	2728		2612	602	5943	331	87	564		983	933	517	6704	116	8271	7986	1162	17442	2215	28806
CLEAR CUT RECENT BURN PLANTATION																									
TOTAL FORESTED LAND	26660	3275	43002	10005	82943	30222	116	18467	8890	57696	5674	608	19194	627	26105	8094	1580	38583	1226	49486	70651	5580	119248	20750	216231
NON-FOREST LAND																									
BOGO OPEN + TREED	1449		309	976	2735	2222		81	1273	3577	656	15	1160		1832	858	55	1277	122	2312	5187	70	2827	2372	10458
ALDERS + BRUSH	239		330	759	1329	2184		329	1720	4234	110		52		162	22	10	960		993	2556	10	1672	2480	6721
ROCK BARREN	269		38		308	101		77	440	619											371		115	440	928
AGRICULTURE + MARSH	516	88	4665	33	5303			1634		1634	59		545		604			2689	10	2700	575	88	9534	44	10243
URBAN	27	51	52	131	260			565	47	612	34		679		713			996	363	1359	34	27	2292	462	2817
ROAD AND R.R.	166	31	474	64	737	230		490	18	739	27	6	249	6	290	48		734		782	472	38	1949	89	2549
TRANSMISSION LINE			98		98	17		26		43	13	8	106	1	129		8	37		45	30	16	268	1	317
TIDAL FLATS + MARSH								5		5								443		443			448		448
TOT NON-FOREST LAND	2642	146	5567	1887	10644	4756		3210	3500	11467	901	30	2793	8	3733	928	73	7137	496	8637	9228	251	19109	5892	34483
WATER FLOWAGE	1147	3	931	56	2139	2311		653	255	3220	454		1814	5	2274	567		5333	49	5949	4480	3	8732	367	13584
TOTAL	1147	3	1076	56	2284	2311		653	255	3220	515	2	2033	5	2557	627	5	5505	68	6206	4601	11	9269	386	14268
OFFSHORE SMALL ISLANDS																									
GRAND TOTAL	30450	3425	50047	11949	95873	37290	116	22331	12646	72384	7090	641	24021	641	32395	9650	1660	51227	1791	64330	84482	5843	147627	27029	264983

\* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

SUBDIVISION 7 AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

FOREST LAND BY DENSITY CLASSES	INVERNESS					VICTORIA					RICHMOND					CAPE BRETON					ALL MUNICIPALITIES					
	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	
<b>SOFTWOOD LAND</b>																										
UP TO 40%	2740	243	7016	1209	11210	4966	10	2361	2593	9932	982	200	4852	173	6208	1456	217	6462	108	8244	10146	672	20692	4084	35595	
41% - 60%	4252	235	6082	2010	12581	5578	63	2582	3372	11595	1871	62	5437	185	7558	1596	233	6123	378	8331	13298	594	20226	5947	40067	
61% - 80%	5055	773	6930	2843	15602	4948	42	3695	591	9277	970	92	3139	235	4437	1796	313	5876	287	8273	12770	1221	19641	3957	37591	
81% - 100%	1279	54	1767	926	4027	3779		1121	475	5376	362		1389		1751	391		2608	39	3039	5812	54	6887	1441	14195	
OVERSTOCKED	729		114	35	879	485		283		768	16		270		287	208		423	18	650	1441		1091	53	2586	
<b>TOTAL</b>	<b>14056</b>	<b>1307</b>	<b>21912</b>	<b>7025</b>	<b>44301</b>	<b>19758</b>	<b>116</b>	<b>10043</b>	<b>7032</b>	<b>36950</b>	<b>4204</b>	<b>356</b>	<b>15088</b>	<b>594</b>	<b>20244</b>	<b>5449</b>	<b>763</b>	<b>21493</b>	<b>833</b>	<b>28540</b>	<b>43469</b>	<b>2543</b>	<b>68538</b>	<b>15484</b>	<b>130036</b>	
<b>MIXEDWOOD LAND</b>																										
UP TO 40%	1759	406	2866	199	5231	2075		1307	349	3731	427	77	1209	33	1747	145	124	2930	107	3307	4406	608	8313	690	14018	
41% - 60%	4634	261	4694	765	10354	3723		2134	671	6529	192	87	1896		2176	908	80	4540	31	5561	9459	429	13266	1468	24622	
61% - 80%	2190	743	5920	490	9345	1802		2293	234	4330	508		434		943	628	94	2781	137	3642	5130	838	11429	862	18260	
81% - 100%	25		48	28	102	135		20		155	9				9	14		133		147	184		201	28	415	
OVERSTOCKED								56		56						14				14	14		56		71	
<b>TOTAL</b>	<b>8610</b>	<b>1410</b>	<b>13529</b>	<b>1483</b>	<b>25034</b>	<b>7735</b>		<b>5811</b>	<b>1255</b>	<b>14803</b>	<b>1138</b>	<b>164</b>	<b>3541</b>	<b>33</b>	<b>4877</b>	<b>1711</b>	<b>300</b>	<b>10385</b>	<b>276</b>	<b>12673</b>	<b>19195</b>	<b>1875</b>	<b>33268</b>	<b>3049</b>	<b>57388</b>	
<b>HARDWOOD LAND</b>																										
UP TO 40%	1150	76	1430	460	3117	1242		234	120	1597	139	44	143		327	207	30	801		1039	2739	151	2609	581	6081	
41% - 60%	1724	347	2639	612	5323	950		765	348	2064	179	42	310		532	196	199	2259		2654	3051	589	5974	960	10575	
61% - 80%	1118	134	3437	423	5113	535		1551	119	2206	12		61		74	529	287	3488	116	4422	2195	421	8539	659	11816	
81% - 100%			53		53			60	14	74			48		48			155		155			318	14	332	
OVERSTOCKED																										
<b>TOTAL</b>	<b>3993</b>	<b>557</b>	<b>7560</b>	<b>1496</b>	<b>13608</b>	<b>2728</b>		<b>2612</b>	<b>602</b>	<b>5943</b>	<b>331</b>	<b>87</b>	<b>564</b>		<b>983</b>	<b>933</b>	<b>517</b>	<b>6704</b>	<b>116</b>	<b>8271</b>	<b>7986</b>	<b>1162</b>	<b>17442</b>	<b>2215</b>	<b>28806</b>	
<b>ALL FOREST LAND</b>																										
UP TO 40%	5650	725	11313	1869	19559	8284	10	3903	3063	15261	1549	323	6205	206	8284	1809	371	10193	216	12591	17292	1431	31616	5355	55696	
41% - 60%	10610	843	13416	3388	28259	10252	63	5482	4391	20189	2244	192	7645	185	10268	2701	513	12922	410	16548	25809	1612	39467	8376	75266	
61% - 80%	8364	1651	16288	3757	30061	7285	42	7539	945	15813	1491	92	3635	235	5454	2955	695	12146	541	16338	20096	2481	39610	5480	67668	
81% - 100%	1305	54	1869	954	4184	3914		1202	489	5606	372		1437		1810	405		2897	39	3342	5997	54	7407	1484	14943	
OVERSTOCKED	729		114	35	879	485		339		825	16		270		287	223		423	18	665	1455		1147	53	2657	
<b>TOTAL</b>	<b>26660</b>	<b>3275</b>	<b>43002</b>	<b>10005</b>	<b>82943</b>	<b>30222</b>	<b>116</b>	<b>18467</b>	<b>8890</b>	<b>57696</b>	<b>5674</b>	<b>608</b>	<b>19194</b>	<b>627</b>	<b>26105</b>	<b>8094</b>	<b>1580</b>	<b>38583</b>	<b>1226</b>	<b>45486</b>	<b>70651</b>	<b>5580</b>	<b>119248</b>	<b>20750</b>	<b>216231</b>	

\* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

SUBDIVISION 7 AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

FOREST LAND BY AGE CLASSES	INVERNESS					VICTORIA					RICHMOND					CAPE BRETON					ALL MUNICIPALITIES				
	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL
<b>SOFTWOOD LAND</b>																									
UP TO 20YRS	271	82	1828	46	2229	333	739	20	1093	374	124	1242	68	1685	31	29	926		587	1011	112	4736	136	5996	
21YRS - 40YRS	878	20	3800	496	5196	2311	1204	253	3770	367	124	2545	250	3288	710	117	4147	37	5012	4268	261	11698	1038	17267	
41YRS - 60YRS	4997	819	10992	1811	18620	4245	4826	2836	11908	1566	205	6213	215	8201	1906	238	8755	244	11144	12716	1263	30787	5107	49875	
61YRS - 80YRS	6555	384	4685	4111	15737	10161	116	2765	3669	16711	1514	26	3742	59	5342	1826	378	6113	421	8740	20058	905	17306	8260	46531
81YRS - 100YRS	1250		408	545	2204	2394		507	201	3103	336		969	1306	918		1290	130	2339	4900			3176	877	8953
101YRS OR MORE	29		52	14	96	109			50	159	44		362	407	28		135		163	211			550	64	827
UNEVENAGED STANDS	73		142		216	201			201				13	13	27		125		153	303			281		584
TOTAL	14056	1307	21912	7025	44301	19758	116	10043	7032	36950	4204	356	15088	594	20244	5449	763	21493	833	2854C	43469	2543	68538	15484	130036
<b>MIXEDWOOD LAND</b>																									
UP TO 20YRS	440	72	403	77	993	60	148	17	226	100	77	115		293		53	599	34	687	60C	204	1266	128	2200	
21YRS - 40YRS	349	47	795	198	1390	102	533	239	875			268	33	302	67	98	820	153	1140	519	145	2417	625	3708	
41YRS - 60YRS	2079	275	5231	555	8142	2902	1529	370	4802	210		1277		1487	307	147	3439		3894	5499	422	11478	926	18326	
61YRS - 80YRS	4977	1015	6552	346	12891	3327	2918	470	6716	713	87	1735		2535	962		4376	36	5375	9981	1102	15581	854	27519	
81YRS - 100YRS	764		425	304	1494	1228	562	157	1949	71		122		194	314		912	52	1278	2378			2023	515	4917
101YRS OR MORE			44		44		26		26			22		22	24		43		68	24			136		161
UNEVENAGED STANDS			76		76	113	93		206	42		22		42	35		193		228	191			363		554
TOTAL	8610	1410	13529	1483	25034	7735	5811	1255	14803	1138	164	3541	33	4877	1711	300	10385	276	12673	19195	1875	33260	3049	57388	
<b>HARDWOOD LAND</b>																									
UP TO 20YRS	127		148	163	440	61	42	35	139		68	26		94			201	323		525	188	27C	541	199	1200
21YRS - 40YRS	64		191	14	271	17	230		247			61		61	11	206	1264	116	1559	94	206	1748	131	2181	
41YRS - 60YRS	756	301	1727	543	3328	354	282	158	795	98		153		252	211	109	2289		2609	1420	41C	4452	702	6985	
61YRS - 80YRS	2113	118	4158	176	6567	2037	1627	167	3832	232	18	127		378	592		1693		2285	4975	137	7605	344	13063	
81YRS - 100YRS	738	137	1281	443	2600	257	229	240	727			195		195	118		1051		1170	1114	137	2758	683	4694	
101YRS OR MORE	191		52	95	339	32	32		32			32		32			82		82	191			167	95	454
UNEVENAGED STANDS			59		59	168			168														168	59	227
TOTAL	3993	557	7560	1496	13608	2728	2612	602	5943	331	87	564		983	933	517	6704	116	8271	7986	1162	17442	2215	28806	
<b>ALL FOREST LAND</b>																									
UP TO 20YRS	839	155	2380	287	3664	455	930	73	1459	474	146	1383	68	2074	31	284	1849	34	2199	1800	587	6545	464	9397	
21YRS - 40YRS	1292	67	4787	710	6858	2432	1968	493	4893	367	124	2876	283	3652	790	422	6232	307	7753	4882	614	15865	1794	23157	
41YRS - 60YRS	7833	1395	17951	2910	30091	7503	6638	3365	17506	1875	205	7643	215	9940	2424	494	14484	244	17647	19636	2095	46718	6736	75187	
61YRS - 80YRS	13646	1519	15396	4634	35196	15526	116	7310	4307	27260	2460	131	5604	59	8256	3381	378	12182	458	16401	35015	2145	40493	9459	87114
81YRS - 100YRS	2752	137	2116	1253	6299	3881	1299	599	5780	408		1287		1696	1351		3254	182	4788	8393	137	7958	2076	18564	
101YRS OR MORE	221		150	109	481	109	59		50	218	44			429	52		261		314	428		855	159	1443	
UNEVENAGED STANDS	73		219	59	352	315	261		576	42		13		56	62		318		381	494		812	59	1366	
TOTAL	26660	3275	43002	10005	82943	30222	116	18467	8890	57696	5674	608	19194	627	26105	8094	1580	38583	1226	45486	70651	5580	119248	20750	216231

\* M R + P = MILITARY RESERVES AND PARKS

ALL FIGURES ARE IN TENS OF ACRES

SUBDIVISION 7 AREA IN ACRES BY MUNICIPALITY AND OWNERSHIP CLASS

FOREST LAND BY SITE CLASSES	INVERNESS					VICTORIA					RICHMOND					CAPE BRETON					ALL MUNICIPALITIES										
	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL	CROWN LAND	LARGE OWNER	SMALL OWNER	M R + P *	TOTAL						
<b>SOFTWOOD LAND</b>																															
1			25		25								15		15																
2			44		44		114		114	16		45	173	235							16		41	173	41	470					
3	342	155	4121	33	4653	33	1203		1237	195	42	2043	93	2375			76		76	107	29	3269		3407	16	679	227	10637	127	11672	
4	11482	1131	16296	5538	34448	14289	52	8126	3302	25770	2583	101	9773	244	12703	798	389	15334	364	19886	32154	1675	49529	9490	92809	640	8049	5682	24992		
5	2231	20	1425	1452	5129	5435	63	599	3679	9777	1409	212	3211	82	4915	543	344	2813	468	5170	10619	640	8049	50	50	50	50	50	50		
6									50	50																					
TOTAL	14056	1307	21912	7025	44301	19758	116	10043	7032	36950	4204	356	15088	594	20244	449	763	21493	833	28540	43469	2543	68538	15484	130036						
<b>MIXEDWOOD LAND</b>																															
1																															
2																															
3																															
4	177	26	499		703	74	59	53	187				20	202			85		736		821	337	26	1463	86	1914					
5	8321	1384	12838	1161	23705	7597	5427	1061	14087	1113	87	3124		4325	579	268	9361	276	11485	18611	1739	30751	2500	53804							
6	111		191	321	625	63	324	140	528	24	77	227		329	46	31	288		367	246	109	1032	462	1849							
TOTAL	8610	1410	13529	1483	25034	7735	5811	1255	14803	1138	164	3541	33	4877	711	300	10385	276	12673	19195	1875	33268	3049	57388							
<b>HARDWOOD LAND</b>																															
1																															
2																															
3			27		27		10		10																						
4	154		213	95	462		143	50	194				91	91	37	93	972	82	1184	191	93	1420	227	1933							
5	3681	557	7304	1180	12723	2728	2458	551	5738	331	18	425		775	896	423	5414	34	6769	7637	999	15603	1766	26007							
6	157		15	221	394							68	47	116			309		309	157	68	372	221	820							
TOTAL	3993	557	7560	1496	13608	2728	2612	602	5943	331	87	564		983	933	517	6704	116	8271	7986	1162	17442	2215	28806							
<b>ALL FOREST LAND</b>																															
1			25		25																										
2			71		71		124		124	16		65	173	255																	
3	674	181	4833	128	5819	108	1406	103	1618	195	42	2304	127	2669	230	123	4977	82	5413	1208	347	13522	442	15520							
4	23485	3073	36439	7880	70878	24615	52	16012	4916	45597	4028	207	13322	244	17803	274	1081	30110	676	38141	58403	4415	95884	13717	172421						
5	2500	20	1632	1996	6149	5498	63	924	3819	10305	1434	358	3486	82	5361	590	376	3411	468	5846	11022	818	9454	6366	27662						
6									50	50																					
TOTAL	26660	3275	43002	10005	82943	30222	116	18467	8890	57696	5674	608	19194	627	26105	094	1580	38583	1226	45466	70651	5580	119248	20750	216231						

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