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Abstract

Kai Mäkisara, Matti Katila, Jouni Peräsaari, and Erkki Tomppo, Natural Resource Institute Finland (Luke), Economics and society.

This report presents the methods and results of the Finnish multi-source forest inventory corresponding to year 2013. In addition to field data, satellite images, digital map data and other georeferenced data were used. The main purpose of the article is to make multi-source forest inventory results available for the users and to help the users to understand the principles of the methods and advantages and limitations of the products. The field data originate from the 11th Finnish National Forest Inventory from years 2009 to 2013. The field data have been computationally updated to the date 31 July, 2013. The satellite images were from years 2012 – 2014. The basic features of the improved k-NN, ik-NN, estimation method are described.

The results are presented by the regions of the Public Service unit of the Finnish Forest Centre and within the regions by municipalities, the boundaries as on 1.1.2014. The estimates are given, for example, for land areas, areas of tree species dominance, age, and development classes of stands and often separately for forests available for wood supply. The mean volume and total volume estimates are given in many different ways: by tree species and by timber assortments for forest land, and combined forest land and poorly productive forest land and also for forests available for wood supply, as well as by age and development classes. The biomass estimates are given, in addition to the total biomass estimates, by tree species groups in young thinning stands in which the first commercial thinning was proposed for the first 5-year period, separately for stem and bark and branches and foliage. The biomass estimates of mature forests are presented separately for branches, foliage and stem residuals, and stumps and large roots by tree species groups. These biomass estimates are given separately for land available for wood supply.

All presented results can be employed in calculating forest resource estimates also for regions larger than municipalities. The error sources for the estimates as well as the reliability of the estimates are briefly discussed in Section 3.4.4 and Chapter 5.

Keywords: multi-source forest inventory, national forest inventory, satellite images, genetic algorithm, k-nearest neighbours, small-area estimation, stratification, statistical calibration

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List of abbreviations

k-NN	k-Nearest Neighbour method
ik-NN	Improved k-NN method
NFI	National forest inventory
MS-NFI	Multi-source national forest inventory
MS-NFI-2013	Multi-source national forest inventory for 2013
MS-NFI-OA-2013	Open access MS-NFI-2013
Landsat	Land satellite
Landsat TM	Thematic Mapper, a high-resolution multispectral scanner system on board the Landsat-4 and Landsat-5 satellites
Landsat OLI	Operational Land Imager, a high-resolution multispectral imaging system on board the Landsat-8 satellite.
IRS/Resourcesat LISS-3	Indian Remote Sensing Satellite, Linear imaging self-scanner3
NLS	National Land Survey of Finland
DEM	Digital elevation model
RMSE	Root mean square error
SE	Standard error
FRYL	Forestry land, in MS-NFI covers forest land, poorly productive forest land, and unproductive forest land

1 Introduction

The purpose of this report is to present the municipality level estimates of forest parameters, and describe the methods and parameters used both when making the year 2013 version of the forest resource maps and the municipality level estimates. This report is meant to be self-sufficient for understanding this version of the results, but this means that there is a lot of overlap with publications describing the previous versions (e.g., Tomppo et al. 2013, 2014). A more thorough description of the background is found in the book by Tomppo et al. (2008b) describing the results from year 2008.

The First National Forest inventory (NFI) was carried out in Finland from 1921–1924. The eleventh inventory began in 2009 and the field measurements were completed in 2013. Based on the information from sample plots, estimates can be made for the entire country, or regions within a country, with a minimum size of about 300 000–500 000 hectares, depending on the forest parameter. The densities of plots are high enough to ensure that the resulting sampling errors are low for core variables, such as areas of land classes and the volume of growing stock.

Before the latest restructuring of the organization of the Finnish Forest Centre, the regions of the Public Service unit of the Finnish Forest Centre used to be the administrative units of Finnish Forestry. Because of continuity, they are still used when presenting estimates of forest parameters. The units had forest areas between 800 000 hectares and 5 million hectares. These units are called in the continuation also regions of the Forest Centre. The areas of the regions are divided into sub-areas from which forest resource and forest status information are needed. High utilisation levels of forests and the changing practices of forestry and forest industries in the 1980's and '90's required more accurate, localised and up-to-date information than previously. The use of field data alone to respond to the increased information needs would have been an expensive alternative. Either a substantially denser field plot grid or some other type of information was required.

The development of the Finnish multi-source national forest inventory (MS-NFI) began in the Forest Research Institute of Finland (Metla) in 1989, and the first operative results were calculated in 1990 (Tomppo 1990, 1991, 1996, 2006b). The MS-NFI was introduced during the 8th rotation of NFI (1986–1994) in the Pohjois-Savo region of the Public Service Unit of the Finnish Forest Centre (see Fig. 2.1, Chapter 2). The first results for the entire country were published in 1998 (Tomppo et al. 1998). The second country level results were published in 2008 (Tomppo et al. 2008b), the third results corresponding year 2005 and covering South and Central Finland (Tomppo et al. 2009a), and the fourth results corresponding to year 2007 and covering the entire country except Åland and the most northern Lapland (Tomppo et al. 2012). The fifth results corresponding to year 2009 and covering whole country except the three northernmost municipalities in Lapland were published in 2012 (Tomppo et al. 2013), and the sixth results corresponding to year 2011 in 2013 (Tomppo et al. 2014).

For MS-NFI, methods were sought that would provide area and volume estimates, possibly broken down into subclasses, such as tree species, timber assortments, and stand-age classes. Since NFI10, the estimates of potential wood energy biomass from forests have been produced. In the optimal case, the MS-NFI method should be able to provide estimates for small areas as accurate as the field based method provides estimates at national and regional levels. Since the first implementation of this method, it has been modified continuously and new features have been added (Katila et al. 2000, Katila and Tomppo 2001, 2002, Tomppo et al. 2009a). The core of the current Finnish MS-NFI method is presented in (Tomppo and Halme 2004) as well as in (Tomppo et al. 2008b).

A somewhat similar method, which combines field data and satellite images, has been developed and employed or tested in a several other countries like Sweden (Nilsson 1997, Reese et al. 2002, 2003, Hagner and Olsson 2004), USA (Franco-Lopez et al. 2001, McRoberts et al. 2002a,b, McRoberts 2006), Norway (Gjertsen 2005), Austria (Koukal et al. 2005), New Zealand (Tomppo et al. 1999), China (Tomppo et al. 2001), Germany (Diemer et al. 2000) and Italy (Maselli et al. 2005). Tomppo et al. (2008b) gives a list of references. The Swedish k-NN product is used for a multitude of purposes, as well as a basis for post-stratification to produce the official Swedish forest statistics, see also (Tomppo et al. 2008b). McRoberts et al. (2002a) and McRoberts et al. (2002b) also applied k-NN products to post-stratified estimation.

Other examples of the development work in USA are the studies by McRoberts (2006) and McRoberts and Tomppo (2007), who presented a model-based approach to derive k-NN error estimators for a group of pixels at an arbitrary size, Finlay et al. (2006) and Finlay and McRoberts (2008), who presented two methods of increasing the efficiency of the k-NN search. A review of using remote sensing data in NFIs is presented by McRoberts et al. (2010a) and McRoberts et al. (2010b). An error estimation method based on bootstrapping is presented by McRoberts et al. (2011) and Magnussen et al. (2010).

The progress of the Finnish NFI was changed somewhat for NFI10 (2004–2008). Measuring field plots throughout the entire country every year was the biggest change. One-fifth of the clusters are measured annually, except the clusters in the archipelago regions (Åland) between Finland and Sweden, which was measured during one field season in 2007. (The clusters in the Northernmost Lapland were not measured in NFI10.) At the same time, the inventory rotation was shortened to 5 years, or nearly half of its previous rotation duration. Inventory progressed by regions from the fifth inventory (1964–1970) until NFI9 (1996–2003) (Tomppo 2009a). This change makes it possible to compute the basic forest resource estimates annually for the entire country.

This change in inventory progress makes it possible to calculate also the MS-NFI results more frequently than during NFI8 and NFI9. In the NFI plans, MS-NFI results were decided to be calculated every second year for the most part of the country, and for North Finland every fourth year. The new approach to progress sets some additional challenges for the MS-NFI, e.g., field measurements from several years can and must be employed. In the results presented in this article, NFI11 field data from the years 2009–2013 were used. The inventory is called MS-NFI-2013 throughout this article.

The NFI11 proceeded in the same way as the NFI10 except that the cluster sizes were revised to better correspond to a workload of one working day after the increased measurements.

The method for making MS-NFI-2011 was improved from the method for making MS-NFI-2009 and a similar method has been used in MS-NFI-2013. Instead of just removing from the ground data the field plots that have changed between imaging and field work, the ground data have been updated to a set date (31 July 2013 in this case). The forest variables at plots that have been cut (or otherwise radically changed) have been updated to the new state. All of the field data have been computationally updated so that the total volume matches the total volume estimated from the field plots for each processing window for year 2013. The method is described in more detail in Section 3.2.3. Note that this change affects the difference between MS-NFI-2011 and MS-NFI-2009. With the old method, the mean field data correspond roughly to the midpoint of the field data interval. With the new method, the field data correspond roughly to the end of the field data interval. This means that the difference between MS-NFI-2009 and MS-NFI-2011 corresponds to a longer time span than two years. The same applies to differences between MS-NFI-2013 and MS-NFI-2009.

The most significant improvement in MS-NFI-2013 comes from the satellite data. Most of the satellite data in the two previous MS-NFI products came from the Landsat 5 TM instrument. The Landsat 8 satellite (Landsat 2015) was launched in February 11, 2013 and the data were available for public use in Summer 2013. The basic characteristics of the new OLI sensor were similar the TM sensor but the structure of the scanner and the sensor array resulted in better quality than was possible with the TM sensor. This is also reflected in the forest resource maps.

The pixel size of MS-NFI-2013 was changed to 16 by 16 meters from the 20 by 20 meters used in the previous products. The main reason was to make the products compatible with WMTS grid in the national JHS 180 recommendation (JHS 180 2013). The pixel size is close to the pixel size of the panchromatic channel of the Landsat 8 OLI sensor. The new pixel size also is the same as used by the Finnish Forest Centre when making raster products using ALS (Airborne Laser Scanning), although the origin of the grid is not the same.

The Natural Resources Institute Finland (Luke) was founded in the beginning of year 2015 and comprises the state research institutes MTT Agrifood Research Finland, the Finnish Forest Research Institute, the Finnish Game and Fisheries Research Institute, and the statistical services of the Information Centre of the Ministry of Agriculture and Forestry. The work on MS-NFI-2013 began at Metla and was completed at Luke.

The main users of the MS-NFI results, municipality level estimates and forest resource maps are the

forestry authorities at the Finnish Forest Centre, forest industries and forest environment researchers. More details of the uses are given in Tomppo et al. (2008a,b, 2012, 2013). The number of users has increased after the map form estimates from MS-NFI-2009 were made publicly available in November 2012. The maps from MS-NFI-2013 have been added to the publicly available data sets in September 2015. The maps are available for viewing in the Finnish Paikkatietoikkuna portal (<http://www.paikkatietoikkuna.fi/>) (Paikkatietoikkuna 2013a) and for downloading at URL <http://kartta.luke.fi/>.

The objectives of this article are two-fold, 1) to present the methods and results for the products called multi-source national forest inventory of Finland for year 2013 (MS-NFI-2013), 2) to present briefly the third set of the MS-NFI products used in the Open spatial data sets and interface services available in Finland free of charge at <http://www.paikkatietoikkuna.fi/web/en>, Paikkatietoikkuna (2013a) and <http://kartta.luke.fi/index-en.html> (Metla 2013). This data set is called here open access MS-NFI-2013 and abbreviated as MS-NFI-OA-2013. The core of this product is the map form estimates from MS-NFI-2013. For a cover as complete as possible for MS-NFI-OA-2013 from the entire country, the 2013 product has been completed by the data estimates from the recent years. The product thus consists of the following sub-products:

1. The estimates from 2013, the NFI field data from 2009–2013 and the satellite images from 2012–2014,
2. The estimates from 2011, the NFI field data from 2007–2011 and the satellite images from 2009–2012 (Tomppo et al. 2014),
3. The estimates from 2009, the NFI field data from 2006–2010 and the satellite images from 2009–2010 (MS-NFI-2009) (Tomppo et al. 2013),
4. The estimates for about the municipalities Inari and Utsjoki in North Lapland, the NFI field data from 2003 and the satellite images from 2009,
5. The estimates for about municipality Enontekiö in North Lapland, the NFI field data from 2003 and the satellite images from 2000,

Furthermore, some areas, covered by clouds in the previous sub-products, have been completed by the MS-NFI estimates from 2007 (Tomppo et al. 2012). The municipality level results are available in electronic form at the Luke web site <http://www.metla.fi/ohjelma/vmi/vmi-moni.htm>.

The MS-NFI methods are only briefly described with the emphasis in the core of the methods and the changes made for this product. References for the methods are given otherwise.

2 Materials

2.1 Field data

The field sample plots from NFI11 from years 2009–2013 were used for the results presented in this article, in total 82 781 plots, 70 458 plots on land, 58 046 on forestry land (including forestry roads) and 57 563 plots on the combined forest land, poorly productive forest land and unproductive land.

The Finnish national forest inventory is a sampling based inventory. The sample plots are arranged into clusters. An important aspect is that measuring the plots in a cluster should represent one day's average field work. The field measurements and assessments of the NFI are carried out on the field sample plots and on those forest stands that include at least a part of a field plot. The field sample plot is also a unit in the field data based estimation (Tomppo 2006a, Tomppo et al. 2011a).

The field sample plot of NFI has been an angle count plot (Bitterlich) plot since NFI5 and was also in NFI11. A maximum distance from the centre point of the plot to the trees to be included into the plot was introduced during NFI8 in North Finland in 1991 (Fig. 2.2). The maximum distance detracts

very little from the reliability of the estimates but decreases the amount of field work and also reduces possible errors caused by unobserved trees.

The basic principles of the NFI11 design are similar to those of NFI10 and NFI9 (Tomppo 2009a). In NFI9, satellite image-based digital volume maps and sampling simulations were employed to evaluate different sampling designs. The sampling intensity was fitted to the spatial variation in forests throughout the whole country, being lower in the north than in the south (Henttonen 1991, Tomppo et al. 2011a).

The number of the plots per cluster was slightly decreased for NFI10 to reduce the workload (Korhonen et al. 2013). For NFI11, the number of the plots on the temporary clusters decreased and the distance between the two adjacent plots in the Southernmost Finland increased (Fig. 2.3, Valtakunnan (2009)). The temporary plot locations were changed from NFI9 to NFI10, and from NFI10 to NFI11 by moving the clusters in the west-east and north-south direction. New sampling simulation studies were carried out for NFI11 in all parts of the country for the forest area, mean volumes by tree species (m^3/ha), and total volumes (m^3) variables.

The six sampling intensity regions, together with field plot clusters, are shown in Fig. 2.4. The NFI11 sampling designs, cluster sizes, and distances between clusters, in the southernmost part of the country, Central Finland, North Central Finland and South Lapland, as well as the plot cluster for North Lapland are shown in Fig. 2.3. The average distances between clusters were 6 km by 6 km in the southernmost Finland (extra cluster lines were added to obtain high enough number of field plots in Åland, Region 1, Fig 2.4.), 7 km by 7 km in Central Finland, 7 km by 7 km in North Central Finland, with fewer plots than in Central Finland, and 10 km by 10 km in the municipality of Kuusamo and in South Lapland.

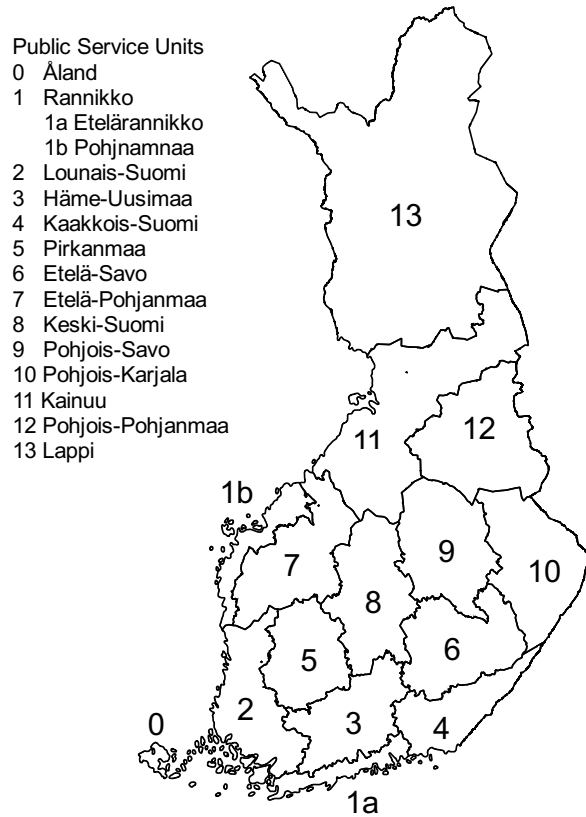


Figure 2.1: The Public Service Units of the Finnish Forest Centre and Åland region 1.1.2013. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

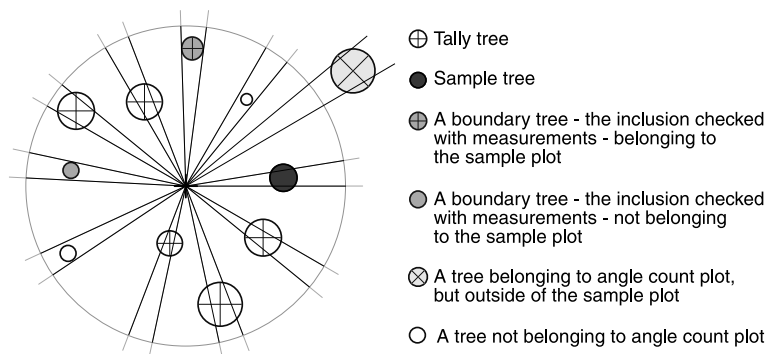


Figure 2.2: A sample plot of NFI11. The maximum distance to trees to be counted is 12.52 m in South Finland ($q=2$) and 12.45 m in North Finland (sampling regions 4–6 in Fig. 2.4)($q=1.5$). Every 7th tree is measured as sampling tree, counted by crews starting from the beginning of the field season.

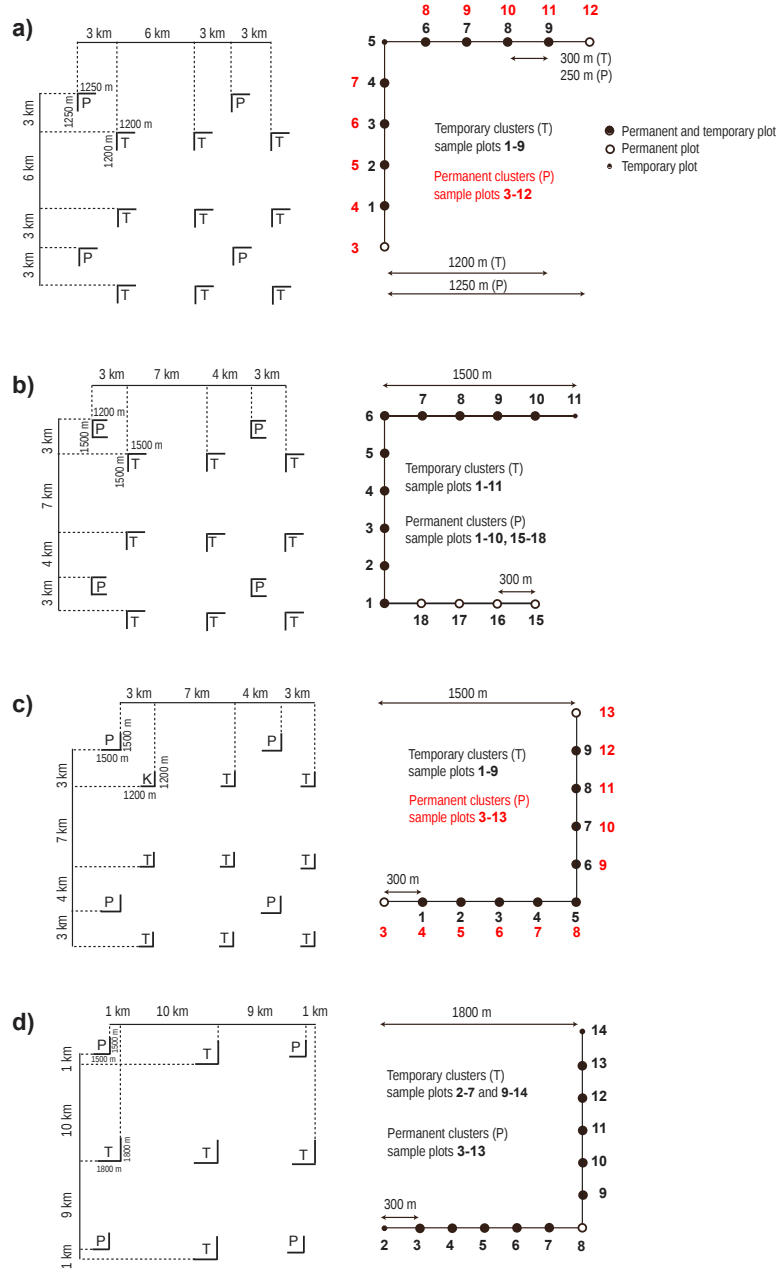


Figure 2.3: Sampling designs of the NFI11 in different inventory regions: (a) region 2, (b) region 3, (c) region 4, (d) region 5.

The tree level volumes on the field sample plots are converted to volumes per hectare in the MS-NFI using the expansion factor. Volumes per hectare are estimated for each sample plot by tree species and by timber assortment classes based on the tally tree volumes. The estimation of volumes and volumes of timber assortments for tally trees from field measurements is described in Tomppo et al. (2011a). Otherwise, the field variables used are similar to those in the NFI calculations that use field data only. As the calculations based on field measurements do not involve increment estimates for tally trees, increment estimates are not usually produced using the multi-source method. Biomass estimates were calculated for each field plot by tree species groups and by tree compartments. The biomass estimates can be used for assessing carbon balance of forests in small areas, and for energy wood estimation. The two main potential development classes of wood energy sources of forests in Finland are young thinning stands and mature stands. All tree compartments above stump of those trees to be harvested as energy wood are removed in a young thinning stand, i.e., the entire stem over stump, branches and foliage.

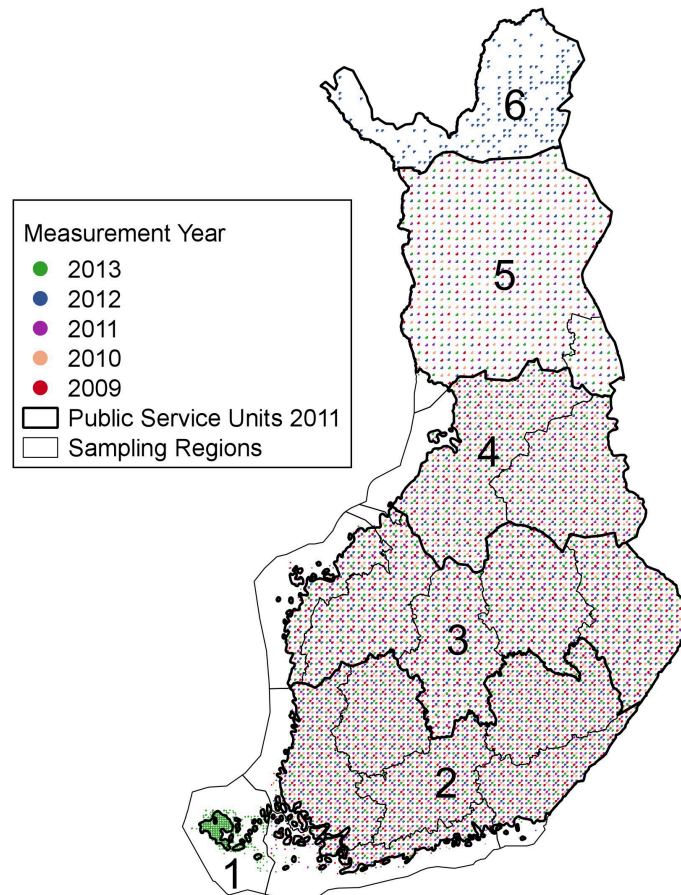


Figure 2.4: NFI layout of clusters and the six geographic regions with different sampling intensities, NFI11 2009–2013. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

Only the residual part of stem, in addition to branches, and optionally stumps and coarse roots (with a theoretical minimum diameter of 2 cm) are removed for energy in the case of the regeneration cutting of a mature stand.

2.2 The employed satellite images

High-resolution (about 20–30 metres pixel size) multispectral satellite images were used in the operative application. Large coverage and good availability with reasonable price, or free of charge, were additional selection criteria. Based on these requirements, the Landsat 8 OLI sensor was the most suitable one for this application. High quality Landsat 8 OLI images over Finland were available for summers 2013 and 2014, and these were used for most of the processed area. These images were available from USGS (U.S. Geological Survey) without cost (Landsat 2015). The images were orthorectified to UTM zones 34, 35, and 36, as appropriate.

To fill the gaps in the TM coverage, images from the Resourcesat 1 LISS-III instrument were used (Table 2.1).

The land area of Finland, analysed for MS-NFI-2013, was 30.39 million hectares, and the total area together with the lakes and rivers 33.84 million hectares. For processing, this area was covered using 19 images assembled from 45 satellite image frames (Table 2.1, Fig. 2.5). Where possible, adjacent satellite image frames from same path and date were combined to increase the number of field plots within image and to simplify processing.

For MS-NFI-2013, the target year of image acquisition was 2013. 32 of the 41 Landsat 8 OLI image frames were from that year. The Resourcesat LISS-III images were from years 2012 (1 frame) and 2013. A

Table 2.1: List of satellite images used in the MS-NFI-2013: image index number in Fig. 2.5, satellite sensor, path/row, acquisition dates of image frames and number of image frames in one image.

Image No. (Fig. 2.5)	Sensor	Path/Row	Date	No. of image frames
1	Landsat 8 OLI	186/16to17	21052013	2
2	Landsat 8 OLI	186/17to18	25082013	2
3	Landsat 8 OLI	187/14to16	28052013	3
4	Landsat 8 OLI	187/17	15072013	1
5	Landsat 8 OLI	188/14to18	25072014	5
6	Landsat 8 OLI	188/17to18	08092013	2
7	Landsat 8 OLI	189/13to14	26052013	2
8	Landsat 8 OLI	190/15to16	21082013	2
9	Landsat 8 OLI	190/15to18	23072014	4
10	Landsat 8 OLI	190/17to18	18062013	2
11	Landsat 8 OLI	191/12to14	27072013	3
12	Landsat 8 OLI	191/17to18	28082013	2
13	Landsat 8 OLI	192/11to14	31052013	4
14	Landsat 8 OLI	190/16to17	06092013	2
15	Landsat 8 OLI	195/11to12	24082013	2
16	Resourcesat 1 LISS-III	30/22	28072012	1
17	Resourcesat 1 LISS-III	33/20to22	26072013	3
18	Landsat 8 OLI	187/18	15072013	1
19	Landsat 8 OLI	192/15to16	03062013	2

suitable imaging season for forest inventory purposes in Finland is from mid-May until the end of August, with the optimal time being from early June until the end of July. The imaging season is rather short and cloud cover is frequent even in the summer, which makes image acquisition problematic.

All the satellite images needed to be in the ETRS-TM35FIN coordinate system for further processing. The Landsat 8 OLI images were delivered in the UTM projection but the rectification accuracy was not good enough for our purposes. Some of the images were delivered in UTM projection zones 34 and 36. Because of these facts, the OLI images were re-rectified to the ETRS-TM35 projection. The Resourcesat images were already rectified to the ETRS-TM35FIN projection with good accuracy and did not need re-rectification. See Section 3.1 for details.

2.3 Digital Map Data

2.3.1 The use of the map data

Digital map data are used to reduce the errors in the estimates. The errors in both the area and total volume estimates can be reduced significantly by the multi-source method if the differentiation of forestry land from non-forestry land can be supported by digital map information in addition to satellite images (Tomppo 1996). The map information is used to separate forestry land from other land classes, such as arable land, built-up areas, roads, urban areas and single houses. The effect of possible map errors on small-area estimates is reduced by using one of two alternative statistical methods (Katila et al. 2000, Katila and Tomppo 2002, Tomppo et al. 2008b). The first one is a calibration method using a confusion matrix derived from the land class distributions on the basis of field plot data and map data, and the second one employs stratification of the field plots on the basis of map data (see Subsect. 3.4.3). In addition, the map data are used to stratify the forestry land area and the corresponding field plots into a mineral soil stratum, a peatland soil stratum and open bog and fen stratum. Digital map data is also used to delineate the computation units in the MS-NFI. Areas of protected forests were used to calculate estimates for forestry land available for wood supply by municipalities.

The mineral soils and different types of organic soils (peatland soils) can have significantly different spectral signatures even when the growing stock is the same (e.g., Katila and Tomppo 2001). In addition, some peatland cannot be separated from mineral soils by means of remote sensing. Therefore,

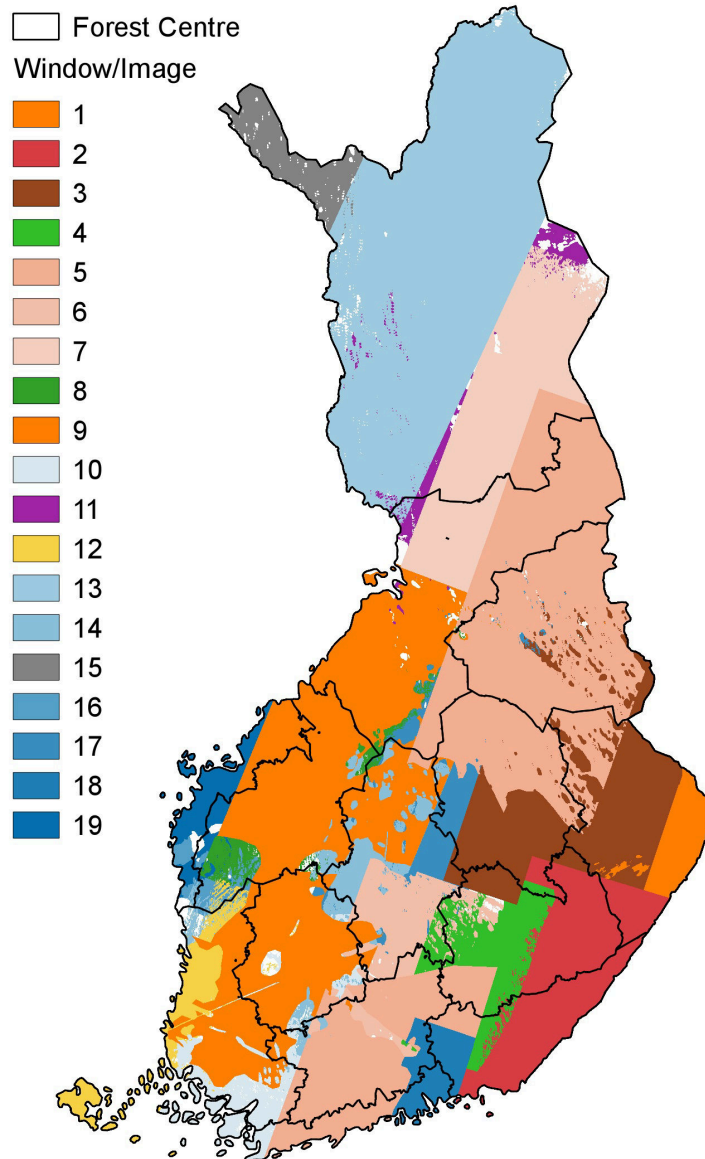


Figure 2.5: The satellite image mosaic used to cover the Finland in MS-NFI-2013 and MS-NFI-OA-2013 and the boundaries of the Forest Centre regions. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

stratification based on digital peatland information is used to decrease the prediction and estimation errors (Tomppo 1996, Katila and Tomppo 2001). The site class definition is vegetation-based in the NFI: the forest stand is considered to be peatland (spruce mires, pine mires, open bogs and fens) if the organic layer covering the mineral soil is peat or if 75 % of the under storey vegetation is peatland vegetation (Lehto and Leikola 1987). A geological definition of peatland is used for the topographic mapping: peatland is covered mainly by peat vegetation and the thickness of peat layer is over 30 cm. Thus, the peatland mask can not be used in a categorical way, but it is used to stratify the forestry land, satellite images and corresponding field plots for subsequent analysis in the estimation phase. Stratification is used to avoid the biases caused by the peatland map that deviates from the peatland used in the NFI, the deviations caused by the different definitions and locational errors in the maps.

Almost all map data were obtained in vector format from the Topographic database of National Land Survey of Finland (NLS) (Table 2.2) (Maanmittauslaitoksen maastotietokohteet 2013). A raster map with 16 m by 16 m pixel size was computed from selected topographic database elements. For the

Table 2.2: Sources and quality of the numerical map data.

Map theme(s)	Delivered by	Scale	Date in database	Area covered	Data source
Topographic database; landuse classes, peatlands, municipality borders	NLS	1:10 000	2000–2013	whole country	Topographic database
Protected forests	SYKE		1.1.2014 private forests 1.1.2014 state forests	whole country	Nature conservation databases
Nature conservation programmes	SYKE		1978–1996	whole country	Nature conservation databases
Regional land use plans (Maakuntakaava), protected areas 'S'	SYKE	1:250 000	31.12.2011	most of the country	Regional land use GIS-database
Old regional land use plans (Seutukaava), protected areas 'S'	SYKE, Regional councils	1:250 000	2003	some of the country	VASEPA databases

purposes of the calibration method (Subsect. 3.4.3), the overlaying of the map elements was done in such a way that it would be possible to form map strata as homogeneous as possible with respect to the NFI field plot based land class distribution (Katila et al. 2000). The main objective was to use the derived digital land use map (Fig. 3.2b) to obtain as precise estimate as possible for the combined forest land, poorly productive forest land and unproductive forest land (denoted by forestry land) when compared to the NFI field data based estimate. The accuracy of an earlier version of derived land use map data were studied against the NFI field based land classes by Tomppo et al. (2008b).

2.3.2 The map data

The elements from the topographic database The version of 2014 of the topographic database was used. The positional accuracy of the topographic database is comparable to maps on scale 1:5 000–1:10 000 (Maanmittauslaitoksen maastotietokohteet 2013). The topographic database consists of map sheets which are updated in 5–10 year periods. However, all roads and almost all the buildings are updated annually, as well as administrative boundaries. Due to this staggered processing, the date of the topographic map elements varies and the date of the oldest elements were from 2000 and half the maps were from 2010 or later (Fig. 2.6). In Fig. 2.6 the time stamp of a particular map sheet is the year when it is entered to the database. In practice the maps can be considered to capture the land use of the previous year as the aerial photos for mapping purposes are usually taken one year earlier (Krannila 2011 personal communication)

All the map elements were rasterised to 16 m by 16 m pixel size. The rasterisation was done separately for each element and suitable widths for line elements (roads, power lines, etc.) and buffer zones for buildings were defined. These widths and buffer zones were determined iteratively by comparing the proportions of the land classes based on the rasterised topographic database and the NFI10 field plot data (Tomppo et al. 2012). The main principle in the rasterisation and generalisation was to keep the total area covered by each map theme as same as that based on the NFI data. The visual appearance of the non-forestry land classes in the MS-NFI output map was considered to be of secondary importance. The selected elements of topographic database, possible width in processing and their priority in overlaying of the elements are described in Table 2.3.

The topographic database includes subclasses of open bogs, woody peatland (peat depth ≥ 30 cm) and paludified lands (peat depth < 30 cm). It was therefore possible to stratify the peatland in the ik-NN estimation into open bogs and woody peatland (Subsect. 3.4.1). Paludified peatland correspond most often to mineral soils in NFI field plots and were thus kept as mineral soils in MS-NFI-2013.

Arable land is the third largest land class after forestry land and inland waters with an area of 2.7 million hectares (Finnish Statistical Yearbook of Forestry 2014). The area of the forestry land was 26.2 million hectares and the area of the inland watercourses 3.5 million hectares. Most of the land use changes occur between arable land and other land classes.

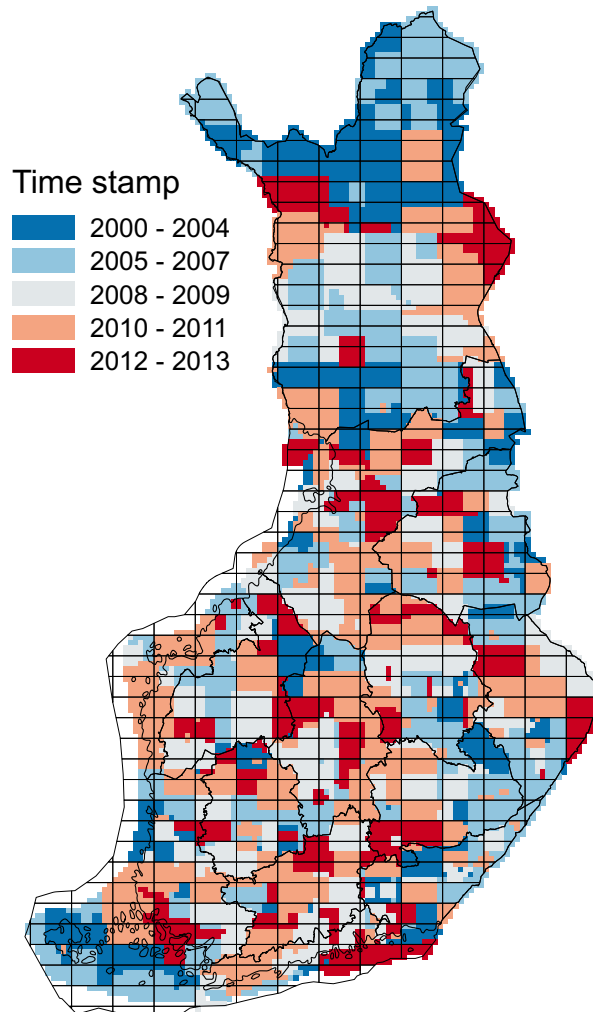


Figure 2.6: The time stamp of the topographic database map sheets (1:10 000) and a grid of 1:50 000 map sheets. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

Urban areas and other built-up areas (e.g., mineral resources extraction areas, peat production areas, landfill areas, cemeteries, air-fields, parks, sports and recreation areas) were delineated using elements of the topographic database.

The delineation of water was taken from the topographic database. A conservative threshold of water employing near infrared spectral channel values was used to 'backup' the cases of possible missing map data or seasonal changes in the water level. An additional constraint to the above masks and water thresholds was used in the ik-NN estimation by using a digital elevation model: for the water pixels, the angle between solar illumination and the normal terrain should be near the angle defined for flat terrain, i.e., should not deviate from that angle more than a given small threshold (Tomppo et al. 1998).

Digital boundaries of the computation units The basic computation unit in the multi-source inventory is the municipality, the number being 320 at the beginning of 2014. Their land areas range from around 1000 hectares to some hundreds of thousands of hectares. Digital municipality boundaries are used to delineate the computation units (Tomppo 1996). The boundary information originates from NLS topographic database and was obtained in vector format. The map data and land areas of the municipalities dating 1.1.2014 were employed to calculate the small area estimates (cf. calibration to official land areas, Subsect. 3.4.3).

Table 2.3: The elements of the topographic database selected to the land class map, applied line buffer zone widths in the rasterising. The elements are in the priority order in the table (uppermost first). Forestry land is the area not covered by elements extracted from the topographic database.

MS-NFI code	MS-NFI Map code	Description	Topog. database code(s)	Notes
14	30252	Roads	See roads below	Overl. over water
90	30253	Sea water	36211	
91	30253	Fresh water	36200, 36313	
92	30253	Decomposing reliction area	38300	
13	30251	Built-up area	40200	
16	30252	Railroad 14111, 14112	Buffer 17 m	
14	30252	Roads, class Ia - IIIb	12111, 12112	Buffer 16 m
			12121	Buffer 12 m
			12122	Buffer 9 m
			12131, 12132	Buffer 8 m
22	30254	Agricultural field	32611	
19	30250	Quarry, gravel pit	32500, 32111, 32112	
20	30248	Peat production area	32113	
21	30254	Meadow	32800	
12	30252	Airport	32410 – 32418	
3	30250	Graveyard	32200	
4	30250	Landfill	32300	
5	30250	Garden	32612	
6	30250	Park	32900	
7	30250	Earth fill	33000	
8	30250	Sports/recreational area	33100	
11	30250	Built construction 45700	Buffer 5 m	
9	30250	Basin	44300	Buffer 5 m
10	30250	Storage area	38900	
15	30252	Other road	12141	Buffer 5 m
17	30250	Power line	22311	Buffer 14 m
			22312	Buffer 5 m
18	30250	Gas pipe	26111	Buffer 20 m
102	prediction	Bare sand	34300	
104	prediction	Exposed bedrock	34100, 34700	
1	30251	Building	42211	Buffer 25 m
			42210, 42212	Buffer 30 m
			42220 – 42222	Buffer 20 m
			42230 – 42232	Buffer 10 m
			42240 – 42242	Buffer 30 m
			42251, 42270	Buffer 30 m
			42260 – 42262	Buffer 5 m
106	prediction	Paludified area, <= 0.25 ha	35300	
107	prediction	Paludified area <= 0.5 ha	35300	
105	prediction	Paludified area	35300	
109	prediction	Forested marsh <= 0.25 ha	35412, 35422	
110	prediction	Forested marsh <= 0.5 ha	35412, 35422	
108	prediction	Forested marsh	35412, 35422	
111	prediction	Open bog	35411, 35421	
112	prediction	Open reliction area	39130	
101	prediction	Forestry land <= 0.25 ha		
102	prediction	Forestry land <= 0.5 ha		
100	prediction	Forestry land		

Digital boundaries of protected forests Some estimates for municipalities were calculated for forestry land available for wood supply (Subsect. 4.1, Appendix Tables). Areas of protected forests and nature conservation programmes obtained from the Finnish Environment Institute were used for this purpose (Ympäristöhallinnon paikkatietoaineistot 2013). The protected forests data were obtained in vector format dating 1.1.2014 for the private forests and for the same date for the state owned forests, while the nature conservation programmes delineations originate from the date of founding the programmes (1978–1996). All the map data were rasterised to 16 m by 16 m pixel size. The protected areas included

strict nature reserves, national parks, wilderness areas, special protected areas, protected old-growth forest areas, protected herb-rich forest areas, mire conservation areas, nature reserves on private land (protected permanently or temporarily), protected areas established by the Finnish Forest and Park Service and natural habitat types preserved on the basis of Nature Conservation Act. The nature conservation programmes employed are: "Aarnialue", areas protected based on decision by the authority responsible of management; mires; herb-rich forests; natural parks and nature reserves developing; avian water areas ('Mikkelin saaret'). The nature conservation programmes digital database has not been updated since its creation. Therefore it contains a) areas where there is not yet final decision of protection made, b) areas with decision of status made. However, among the latter ones there is a minor proportion of areas which have been rejected and thus are erroneously classified as protected forests in our mask.

Thirdly, the protected areas (code 'S') from the regional land use plans were used to complete the protected forests mask. There were two data sources for the regional land use plans, new ones called 'Maakuntakaava' as of 31.12.2011 and for minor number of regions the old ones called 'Seutukaava' from year 2003.

2.4 Digital elevation model

A digital elevation model is used in two ways: for stratification on the basis of elevation data and for correcting the spectral values by reference to the angle between solar illumination angle and the terrain normal (Subsect. 3.4.1) (Tomppo 1992, Tomppo et al. 2008b, 2012, 2013). Stratification in this context means using the maximum vertical distance from a pixel to its nearest neighbours. The selection of parameters for stratification and spectral correction has been studied by Katila and Tomppo (2001). The digital elevation model (DEM) employed was a raster file with a horizontal spatial resolution of 25 metres by 25 metres and with a vertical resolution of 0.1 metres (Korkeusmalli 25m 2007). The values used in the 16 by 16 metre grid were obtained by applying a Gaussian filter to the data after resampling. This was done to prevent artefacts in the slope computed from the DEM. The full width of the Gaussian at half maximum (FWHM) was 110 meters.

2.5 Large area forest resource data

The basic k-NN method was employed in MS-NFI8 (1990–1994). The improved ik-NN method was introduced during NFI9. The latter employs a coarse scale variation of the key forest variables to guide the selection of field plots from which the data are transferred to the pixel to be analysed. The variation is presented in the form of coarse-scale digital forest variable maps (Fig. 2.7), derived either from the current inventory data or from the data of the preceding inventory. In MS-NFI9, the field data from NFI9 was employed (Tomppo et al. 2008b). For MS-NFI-2013 of the present article, the NFI field plots from 2006–2010 were used. The large area changes in forests are slow and the tree species proportions of the volume of growing stock do not change essentially in a few years. The coarse scale maps made with the field data from the years 2006–2010 are thus relevant also for the MS-NFI products for the year 2013.

There were 72 234 field plots on land across the entire country in the 2006 – 2009 data, of which 59 785 were on forestry land, 54 828 on combined forest land and poorly productive forest land, and 50 492 were on forest land alone. All the plots on forest land and poorly productive forest land were used for the final large-area maps. The principles construction of the maps is described in (Tomppo et al. 2008b). Moving average interpolation was used. The cluster level averages of the volumes by tree species groups (pine, spruce, birch species and other broad-leaved tree species) were first calculated. The averages of these cluster level averages were calculated within a circle of a radius of 30 km and the original cluster levels averages were replaced by these moving averages. The values of these moving averages were predicted for each grid cell of 1 km x 1 km in Finland using 1-NN method. The distance was in the geographical space. Further smoothing was employed using moving averages twice with windows sizes of 11 km x 11 km and 25 km x 25 km.

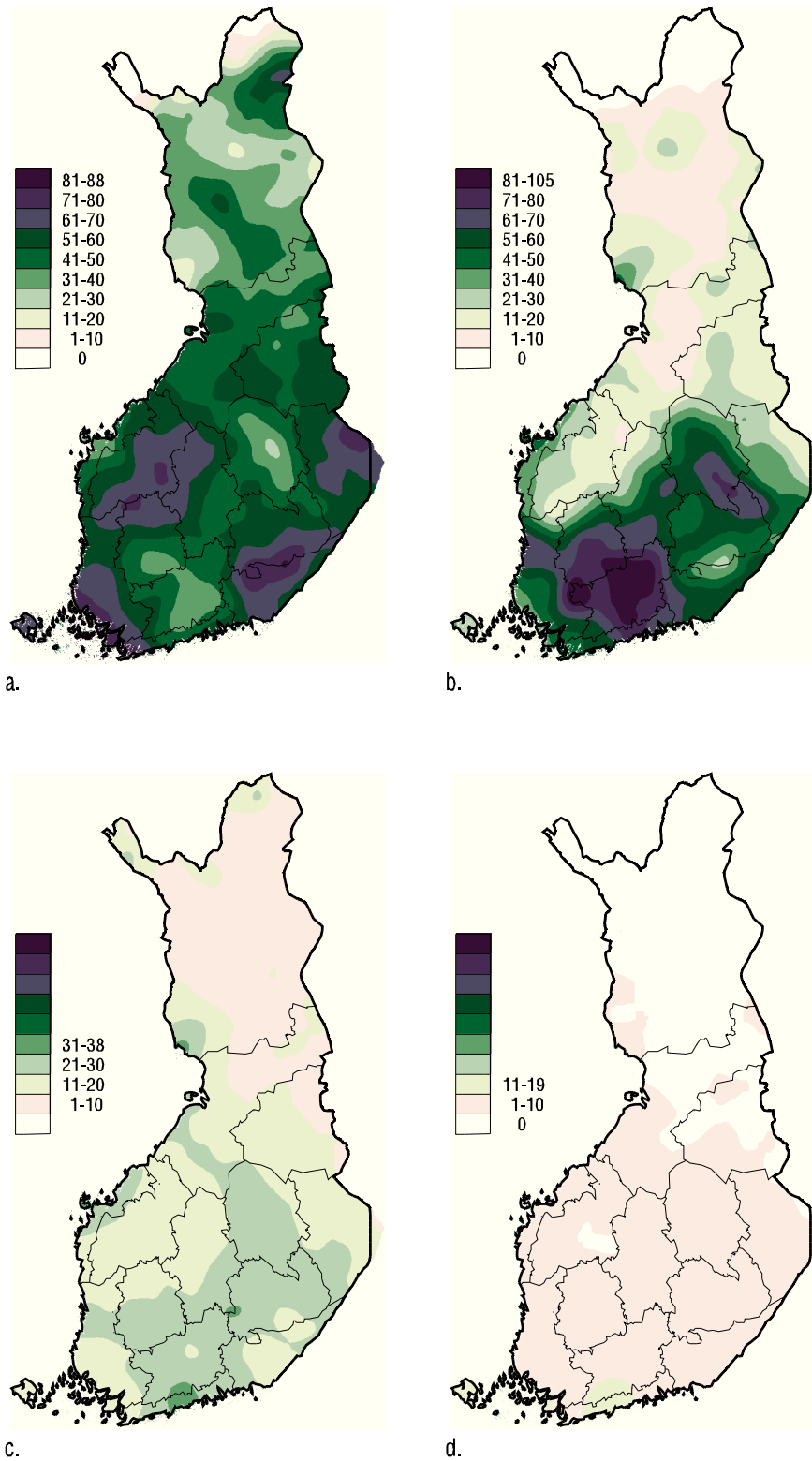


Figure 2.7: Large scale variation of mean volumes (m³/ha) of pine (a), spruce (b), birch (c), and other tree species (d) in NFI10 and NFI11 (2006–2010) with boundaries of the Forest Centre regions. Digital map data: ©National Land Survey of Finland, licence MML/VIR/MYY/328/08.

3 Methods

3.1 Image rectification and radiometric correction of the spectral values

Point-type objects (e.g., small islands) were identified on both the satellite images and the basic maps and a regression model was fitted to their image coordinates and map coordinates. First or second order polynomial regression models were usually employed for this purpose. A typical number of control points has been around 50. The nearest neighbour method was applied to re-sampling of the images to pixel size of 16 m by 16 m. The absolute values of the residuals in the rectification models at control points typically ranged from 7.5 to 15 metres. No atmospheric correction was performed.

Areas corresponding to the cloud-free parts of satellite images are used in operative applications. Forests under clouds and in cloud shadows are assumed to be similar on the average to those on the cloud-free part of the same areal unit (e.g., municipality).

The slope and aspect of the terrain locally change the illumination conditions of the surface and affect the reflectance from the ground and vegetation, as well as the radiance received by an imaging instrument. A digital elevation model was employed to remove the variation of the spectral values caused by the changes in the slope and aspect of the terrain. The details of the method are given in (Tomppo 1992, Tomppo et al. 2008b). The parameter selection has been studied in Katila and Tomppo (2001).

3.2 Preparation and updating of the field data

3.2.1 Canopy cover

The canopy cover was measured at field plots in NFI10, but the measurement was not continued in NFI11. In order to provide multi-source estimates for canopy cover, it was estimated for NFI11 field plots using NFI10 data. The models presented by Korhonen et al. (2007) were tested using NFI10 field plots. The result was that the models could not reproduce the measured values when the canopy cover was very low or very high. Because of this, a new method for estimating the canopy cover was designed.

The design goal was to make a method that can reproduce the values measured in NFI10 as well as reasonably possible. Because the NFI10 field data were extensive, the k-NN method was used. The input variables and weights were manually determined. This was done separately for forest land, poorly productive land, and unproductive land because the set of available field measurements was different. For forest land and poorly productive land, the estimation was done separately according to the dominant species (pine, spruce, others).

The canopy cover for deciduous trees was computed from the canopy cover according to the proportion of deciduous trees in the field plot (computed from stem counts in seedling stands and basal area in mature stands).

These algorithms have been used from MS-NFI-2009.

3.2.2 Overview of updating

The key input data file for the MS-NFI is the ground truth data, consisting of field plot data as well as image and map data associated to each plot. The field plot data set in MS-NFI-2013 consisted of 70 458 field plots on land, of which 58 046 field plots with centre point on NFI forestry land (land use classes 1–4) and 57 563 on the the combined forest land, poorly productive forest land and unproductive land (land use classes 1–3). All NFI11 plots were located using GPS.

The satellite images are from a different date than the field work. This means that there may be large differences between the state of the plot at time of field work and at the time of imaging. An example is clear-cut between the dates. In these cases the image data and field data should not be

used as such because of the incompatibility of the field data and image data. This incompatibility would increase the estimation and prediction errors.

In the first applications, we solved this problem by omitting these plots from the field data. This, however, changes the distribution of the field data and this tends to reflect in the prediction results. A typical case is clear-cut between the measurement date of the field data and imaging date. In this case, a high-volume plot is removed from the field data lowering the average volume of the prediction results.

Another problem is that the field data have been collected during five years wherefore the average date of the field data is about two years before the target imaging date. This means that the prediction results reflect, on average, the time two years before the images. The distributions of the forest variables correspond to the imaging dates.

We have done previously several attempts to computationally update the field data. One version is presented in Tomppo et al. (2009a). The result has always been that the prediction averages based on the updated field data have not been close enough to averages computed from newer field data. In those experiments, we have tried to use tree level growth models and to estimate the removals based on Forest Statistics (Metinfo 2007).

To solve the problems mentioned above, we decided to use a conservative partial updating controlled by the NFI field data and satellite images. The algorithm was designed to match the total volume after updating to the estimate computed from the field data only (Subsect. 3.2.3). The data of individual field plots were modified according to the satellite image data and, in some cases, aerial photographs. If the plot was not cut between the field work and imaging, the growth models were applied to the growing stock variables. If the plot was identified as cut after the field work, the forest variables were modified according to the cut type identified from the image data and the growth models were applied to this modified data. It was not possible to detect thinnings from image data and these cases are included into the growth models. The growth models were controlled so that the total volume after updating matched the target.

The satellite images are from different dates and even different years. This means that the correction for the cuttings is different for different processing windows. Because of this, the updating was performed separately for each processing window.

3.2.3 Updating of the field plot data

The updating target The simplest updating target would be the mean of the total volume of the whole field data set. However, looking at the data from different years within the processing windows shows that, in many cases, this average does not represent well the total volume at the target time of updating. One reason for this may be an increasing or decreasing trend visible in the volumes. The yearly averages within windows fluctuate so that using a single year average would not be a good solution. Because of this, we decided to fit a regression line to the averages of the five years of field data.

The predictions computed with regression were visually compared to the averages computed from the field data for each year. The predictions looked reasonable in all cases in this work. However, the method may need to be refined later if cases will be found where the prediction does not look reasonable.

Large changes The large changes at the field plots between the image data and the field data are mostly due to regeneration cuts, but include also, e.g., severe windfalls. These changes can't be handled by models, but can, in most cases, be identified by examining visually the field plot data and available image data. The field plot data can also be reasonably modified to reflect the state at the image date if the field work has been done before the image date. If the change has occurred after image date but before field work, the field data can't be modified. In these cases, the plots were removed from the training material.

The other cases were handled in the following way. First, the field plots were listed where these kind of changes potentially occur. These plots included advanced thinning stands and mature stands, together with young thinning stands where total volume was at least $100 \text{ m}^3/\text{ha}$. The image data at these

candidate plots was matched against image data from plots that were cut according to field data and the candidate plots were ordered according to decreasing similarity. The candidate plots were then visually checked using the satellite data and, if available, recent aerial photographs. The plots where image data did not visually match what was expected from the field plot data were selected for modification. The selected plots were classified to plots where some trees were left (natural regeneration cut), and plots with no trees (clear cut).

The field plot data were changed according to the status of the field plot in the visual inspection. All of the substands were combined in to one stand. This was because it was not possible in practice to reliably identify different changes for the different substands. The updated forest variables reflected partly the previous state of the center point stand. The dominant tree species was retained and no other species was assumed to survive. In case of clear cut, the volumes, basal area, mean height, mean diameter, mean age, and tree cover were zeroed. In case of natural regeneration cut, the changes were more complicated. The mean height, mean diameter and mean age were left intact. The total volume was set to the mean of storeys of this type in the field data in this geographic regions (30 m³/ha in Southern Finland and 20 m³/ha elsewhere). The other volumes, basal area, canopy cover and biomasses were changed according to the change in total volume.

The main changes to field data were:

development class: temporarily unstocked regeneration stand for plots with no trees, seedling tree or shelter tree stand for plots with some trees, randomized according to the ratio between seed tree and shelter tree cuts in NFI data from 2007–2012

cut type: regeneration cut for artificial regeneration for plots without trees, regeneration cut for natural regeneration for plots with some trees

field work date: midpoint between original field work date and image date, according to the growing season definition (see subsection Growth models)

dominant tree species: not changed, except when temporarily unstocked stand was changed to young seedling stand

mean age, mean height, mean diameter: set to zero if no trees, otherwise unchanged

total volume: zero for plots without trees, 30 m³/ha (Southern Finland) or 20 m³/ha (otherwise) for plots with some trees

second storey volume; zero

other volumes, basal area, canopy cover: zero for plots without trees, otherwise put all to dominant species (canopy cover for broad-leaved trees set only if dominant species is broad-leaved)

biomasses: dominant species modified according to volume change, others set to zero

Growth models Some key plot level (sub-plot level) and stand level variables were updated using growth models, in addition to cutting and natural mortality assessments (see subsection 3.2.1). The models were applied to each plot part and sub-plot stand separately when a plot intersected several stands (subsection 3.3). The data were updated to the date 31 July 2013, independently of the date of the image acquisition. Either existing growth models or own models, derived for this purpose, were used to estimate the increment from the date of the field measurements to 31 July 2013. The variables updated with the increments were the plot level mean volumes (m³/ha) by tree species groups and timber assortments, plot level biomasses by the tree species groups and tree compartments, canopy cover of all trees and separately for broad-leaved trees, as well as stand level variables, mean diameter, mean height and mean age and basal area of trees, as defined in the NFI. The increments of the stand level variables were estimated separately for the dominant tree storey and a possible second storey. The basal area is recorded in NFI also for all tree storeys. The development class of stand was checked and updated based on the changes in the growing stock.

The phases in the increment estimations and models were as follows. The length of the increment period in days was calculated first for each field plot and was defined as the number of the days in

the growing season between the date of 31 July 2013 and the date of the field measurement. It was assumed that the growing season starts on 1 May and ends on 10 August. The number of the days in the full season is thus 102. If the number of the days in this way was negative, that is, the field measurement date was after 31 July 2013, the value of zero was selected for the length of the period. The number of the days in the increment period was changed to the number of growing seasons (n_{year}) by dividing it by 102.

The plot level volume increments were estimated using the stand level models by Nyysönen and Mielikäinen (1987) for pine and spruce dominated tree layers. The models of pine dominated forests were used also for the broad-leaved dominated tree layers. The models were thus employed by tree storeys. The volumes by tree storeys at plot level were not available in the data. They were estimated as the shares of the total plot level mean volume, the shares proportional to the quantity $i_G i_H$ were i_G is the basal area and i_H the mean height of tree storey i . The increased volumes by tree storeys were combined to the plot level volumes.

The model had been estimated for the natural logarithm of the percentage of the volume increment ($\log(p_v)$). The model for a pine dominated stand is

$$\log(p_v) = a + b_1 \log(T)^2 + b_2 V^{1/V^{0.3}} + b_3 \log(D)^8 / 10000 + b_4 I_{\{sf \leq 4\}}(sf) \quad (3.1)$$

where T and D are the age and mean diameter of the tree storey in question in a stand, V the volume of the tree storey on a plot and $I_{\{sf \leq 4\}}(sf)$ the indicator function of the site fertility class (sf). The values of the parameters are: $a=0.7702$, $b_1=-0.09667$, $b_2=1.2503$, $b_3=-0.1796$ and $b_4=0.1817$. If D was zero or missing, the parameters of the model had been estimated without D , and are: $a=0.7632$, $b_1=-0.1181$, $b_2=1.3516$ and $b_4=0.09116$.

The model for the percentage of the volume increment of a spruce dominated stand is (Nyysönen and Mielikäinen 1987)

$$\log(p_v) = a + b_1 \log(T) + b_2 \log(V) + b_3 (\log(T) \log(V))^2 + b_4 \log(T) V^2 / 100000 + b_5 (\log(D))^5 + b_6 I_{\{sf \leq 2\}}(sf) \quad (3.2)$$

The values of the parameters are: $a=8.839$, $b_1=-1.2749$, $b_2=-0.5948$, $b_3=0.00309$, $b_4=-0.1193$, $b_5=-0.0006095$ and $b_6=0.1009$. If D was zero or missing, the parameters of the model had been estimated without D , and are: $a=9.7669$, $b_1=1.5813$, $b_2=-0.5730$, $b_3=0.003315$ and $b_4=-0.1177$, $b_6=0$ (site fertility indicator was missing from the model).

The increased volume of the tree storey in the end of the updating period, including the estimated increment over the updating period, was $V_2 = V_1(1+p_v/100)^{n_{year}}$ where V_1 and V_2 are the volume of the tree storey in the beginning and in the end of the period, p_v the increment percentage from the model and n_{year} as above, the number of growing seasons in years. The increased volume V_u for a plot was the sum of the increased volumes of the dominant tree storey, the increased volume of a possible second storey and the original volume of a possible third tree storey. The third tree storey is quite uncommon and the significance of its possible volume to the total volume negligible. The ratio V_u/V_o was used as a factor to calculate the volumes by tree species groups and by timber assortments. Here V_o is the original plot level volume.

The same ratio V_u/V_o was used also to increase the variables canopy cover of trees and canopy cover of broad-leaved trees as well as biomasses by the tree species groups and tree compartments.

For the increment estimates of the other key variables, except the age of a tree storey of a stand, new models were derived using the permanent field plot data of NFI10 and NFI11. The age was updated simply increasing the assessed age by the number of the growing seasons. The mean diameter D , mean height H and basal area G of a stand were updated also by tree storeys. The model for the logarithm of the relative diameter increment $\log(i_D/D)$ was

$$\log(i_D/D) = a + b_1 D + b_2 \log(T) + b_3 \log(T)^2 + b_4 G + b_5 dd + b_6 I_{\{SP=2\}}(SP) + b_7 I_{\{SP=3\}}(SP) \quad (3.3)$$

where i_D is the annual mean diameter increment of the tree storey in question calculated from the successive measurements of field plot stands of NFI data, G is the basal area of the trees of the tree storey in question, dd the effective temperature sum, $I_{\{SP=i\}}(i)$, the indicator function of tree species groups i , and the other variables as in Eqs. 3.1 and 3.2. The tree species groups were, pine and other coniferous than spruce (1), spruce (2) and broad-leaved species. The values of the parameters were $a=-0.8152130$, $b_1=-0.0655599$, $b_2=-1.0520602$, $b_3=0.1317468$, $b_4=-0.0042745$, $b_5=0.0003396$, $b_6=0.0091463$ and $b_7=0.0073079$.

The model for the logarithm of the relative height increment $\log(i_H/H)$ was

$$\log(i_H/H) = a + b_1H + b_2\log(T) + b_3\log(T)^2 + b_4dd \quad (3.4)$$

where i_H is the annual mean height increment of the tree storey in question calculated from the successive measurements of field plot stands of NFI data and the other variables as in Eqs. 3.1, 3.2 and 3.3. The values of the parameters were $a=-0.6601906$, $b_1=-0.0101824$, $b_2=-1.0175697$, $b_3=0.0890791$ and $b_4=0.0007121$.

The model for the logarithm of the relative increment of the basal area of the trees of the storey in question $\log(i_G/G)$ was

$$\log(i_G/G) = a + b_1G + b_2\log(T) + b_3\log(T)^2 + b_4dd + b_6I_{\{SP=1\}}(SP) + b_7I_{\{SP=2\}}(SP) + b_7I_{\{SP=3\}}(SP) \quad (3.5)$$

where i_G is the annual basal area increment calculated from the successive measurements of field plot stands of NFI data and the other variables as in Eqs. 3.1, 3.2, 3.3 and 3.4. The values of the parameters were $a=1.4523612$, $b_1=-0.0753081$, $b_2=-1.8919602$, $b_3=0.2124715$, $b_4=0.0009454$, $b_5=-0.0186978$, $b_6=0.0041331$, $b_7=-0.0129012$. The model was applied to the basal areas of the stands by the tree storeys.

Only the dominant tree storey and a possible second tree storey were updated using the increment models of the diameter, height and basal area. A possible third storey was not updated.

The values of variables, D , H and G by tree storeys on 31 July 2013 were calculated in a same way as the volumes, that is, $M_2 = M_1(1 + p_r)^{n_{year}}$ where M_1 and M_2 are the value of the variable M in the beginning and in the end of the period, p_r the relative increment from the models and n_{year} as above, the number of growing seasons in years. D and H are given in NFI data only by tree storeys, but G also for all storeys together. The total basal area of the stands was the sum of the basal areas of the tree storeys.

The mean age was adjusted according to the years between the field data date and 2013.

Calibration to the updating target The growth model results were calibrated to the updating target by multiplying the growing time with a multiplier. This multiplier was determined iteratively by computing the total volume (m^3) after the increment prediction and comparing the result to the updating target determined for the corresponding image.

Updating of development class The following possible changes in the development class were considered from the date of the field measurement to the updating date (July 31, 2013):

- 1) from temporarily unstocked regeneration stand to young seedling stand
- 2) from shelter tree or seed tree stand to open area or young seedling stand
- 3) from young seedling stand to advanced seedling stand
- 4) from advanced seedling stand to young thinning stand
- 5) from young thinning stand to advanced thinning stand
- 6) from advanced thinning stand to mature stand.

For updating purposes, mainly to judge the development class of young seedling stand versus open area, we calculated the following four-dimensional distribution F

- i) cutting time
- ii) development class
- iii) the effective temperature sum (three classes, -1049, 1050–1179, 1180–)
- iv) site fertility.

Only one effective temperature sum class was used for site fertility class one due to the lack of the data.

The means and standard deviations of the mean diameter of tree storeys of stands by development classes were calculated for making decisions concerning possible transitions.

The transition frequencies from regeneration cutting, both artificial and natural, to the development class young seedling stand were estimated from the NFI data as a function of cutting time, effective temperature sum and site fertility class. The transitions were simulated based on the distribution F .

The possible new development classes, in case of an open and temporarily unstocked regeneration stand for artificial regeneration, were temporarily unstocked regeneration stand and young seedling stand. This rule was used due to the short updating period. The longest updating period was four years.

The distribution of the dominant tree species by site fertility classes in young seedling stands were estimated from the NFI data from the years 2004–2012. The dominant tree species was selected from this distribution in case of transition from a temporarily unstocked regeneration stand to young seedling stand.

For natural regeneration (open area), the possible new development classes were, the one on the date of field measurement (shelter or seedling tree stand), open area and young seedling stand. The dominant tree species for a possible young seedling stand was the one of the shelter tree / seedling tree stand.

Dominant tree species, mean diameter, mean height and age remained / were changed to those corresponding an temporarily unstocked regeneration stand (0) if the result was a temporarily unstocked regeneration stand.

To update case 3), a possible transition from young seedling stand to advanced seedling stand, the updated mean height was first checked using the original height and the height increment (Eq. 3.4). A simple model was derived to estimate the mean diameter as a function of the height.

Similarly, a simple model was estimated for the volume (m^3/ha) as a function of the mean height.

The dominant tree species remained as the same as in the date of the field measurements. The biomass estimates were updated respectively.

A possible change from the development class advanced seedling stand to young thinning stand was done as follows: the development class was 'up-graded' if the updated mean diameter of a stand exceeded the average mean diameter of the young thinning stands by two standard deviations of the mean diameters of those stands. A possible change from the development class young thinning to an advanced thinning stand was done similarly, as well as a possible change from an advanced thinning stand to a mature stand except in the latter case, the standard deviation of the development class mature stand was used, based on practical tests.

3.3 Preparation of the input data sets

In the image analysis (Fig. 3.1), the input data sets were 1) ground truth data, i.e., one record for each plot part and stand corresponding to a centre point of a plot, called here centre point stand and also for stands intersecting other parts of a plot, called here sub-plot stand: 1a) field data and 1b) satellite image data, 1c) digital map data, 1d) and other numeric feature data in text format, 2) a pre-processed satellite image, 3) a digital map of land use classes and mire and open bog mask, 4) a digital elevation model and thereof derived image of the angle between terrain normal and sun illumination, 5) cloud and cloud shadow delineation mask, 6) large-area forest resource data and 7) a map of computation units to calculate small-area estimates (Fig. 3.2).

The land class map was employed to distinguish the combined forest land, poorly productive forest land and unproductive forest land (MS-NFI forestry land) from the other land classes. In this analysis, all

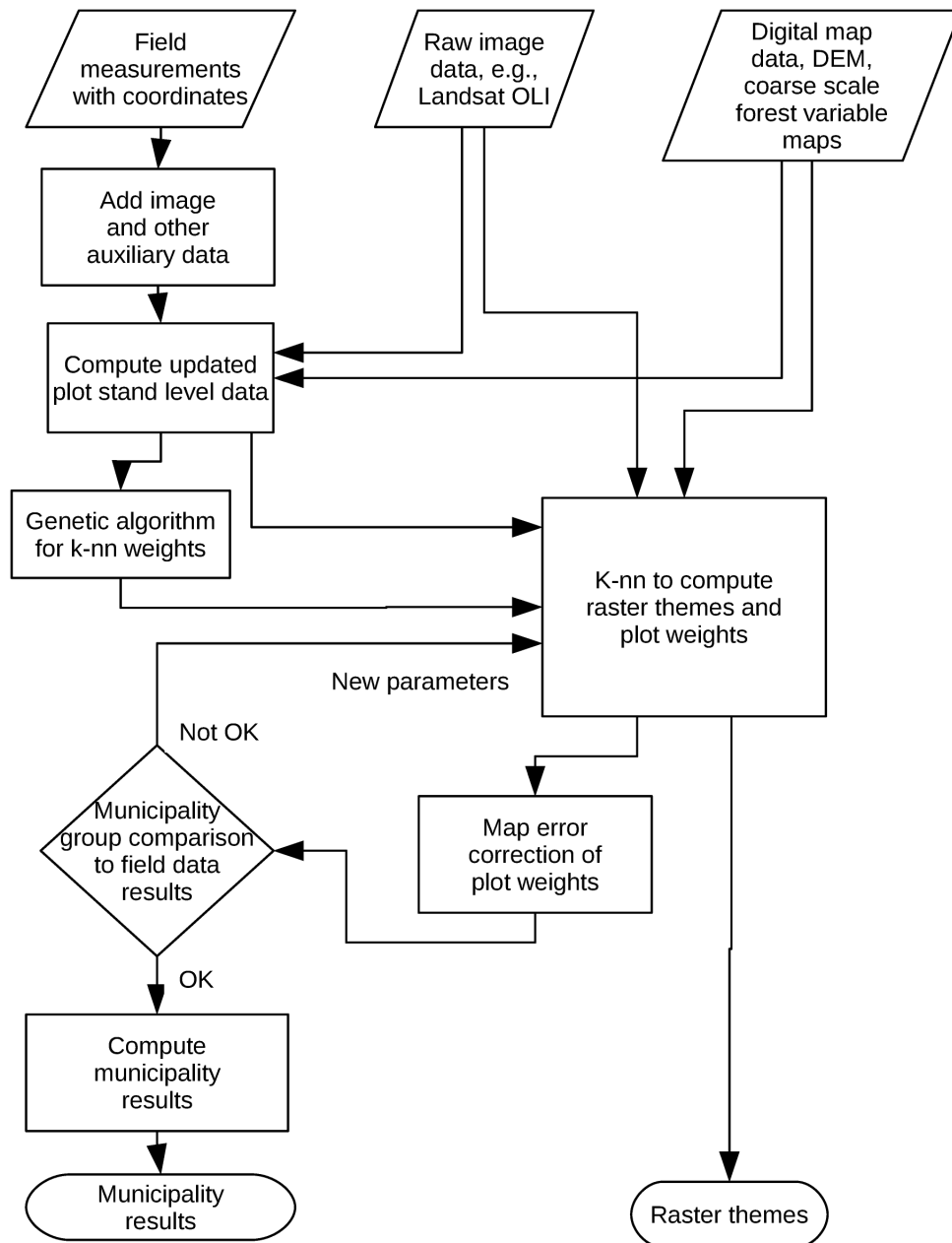


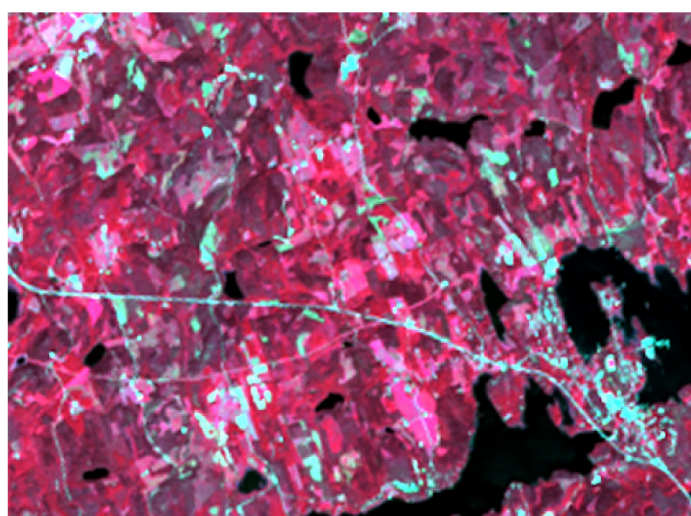
Figure 3.1: Data flow and computational scheme for multisource NFI.

the area that was not peat production area, built-up land, arable land, roads or waters in the numerical map was considered forestry land. A threshold was used with satellite images to delineate those waters that were not in the numerical map, e.g., land covered by high water or fish ponds, as described in Subsection 2.3. The numerical map data were not always up-to-date and could contain significant errors. The effect of the map errors on the estimates were corrected the using calibration method (Section 3.3.2).

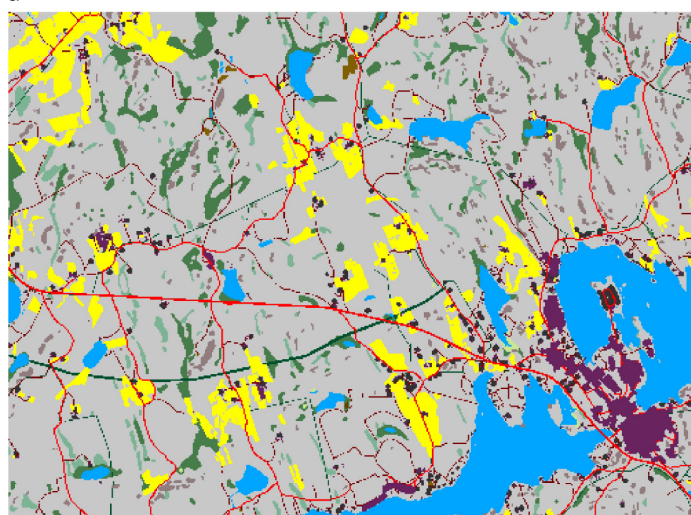
3.4 The estimation methods

3.4.1 The improved k-NN method (ik-NN)

The non-parametric k-NN estimation has been employed in the MS-NFI calculation since operational inception in 1990. The method has been improved continuously. The details of the current method employed for the results of this article are given in (Tomppo and Halme 2004, Tomppo et al. 2008b,



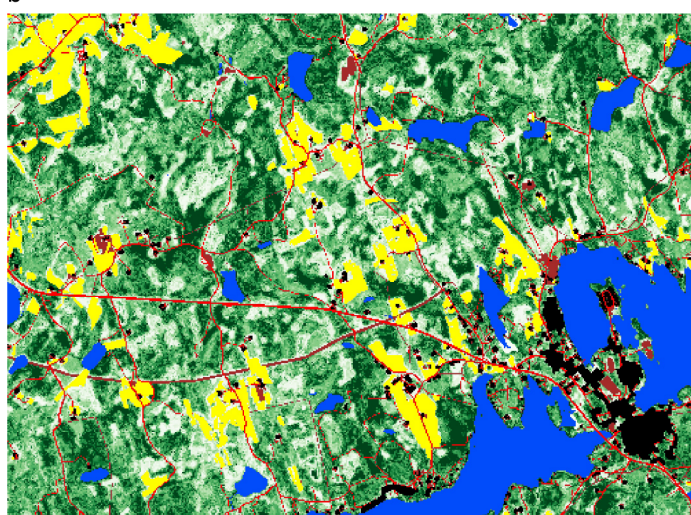
a



Map Elements

- Buildings
- Other built-up area
- Main Road
- Minor road
- Railway
- Power line, gaspipe line
- Quarry gravel pit
- Peat production area
- Arable land
- Water
- Forestry land: mineral soils
- Forestry land: open sand fields
- Forestry land: rocky lands
- Forestry land: mires; peat depth < 30 cm
- Forestry land: mires; peat depth > 30 cm
- Forestry land: open bogs and mires

b



- 0.000000
- 32.500000
- 65.000000
- 97.500000
- 130.000000
- 162.500000
- 195.000000
- 225.000000
- 250.000000
- Other build up areas
- Urban areas, houses
- Roads
- Waters
- Arable land

c

Figure 3.2: Examples of the Landsat 8 OLI satellite image, multichannel colour composition of channels 2, 3, and 4 (a); the elements of the topographic map database (b); and MS-NFI-2013 map of total volume (m^3/ha) with other land use map data (c). Digital map data: ©National Land survey of Finland, licence No. MML/VIR/MYY/328/08.

2012, 2013). The basic principles are listed here. With the k-NN method, the plot weights (Eq. 3.9) (not equal for each plot) are computed for each plot by computation units, e.g., by municipalities (Tomppo 1996). The weights are computed for each field sample plot $i \in F$, where F is the set of field plot parts, centre point plot part or sub-plot part, belonging to forestry land. These plot weights are sums of the weights that are computed for the field plots over all satellite image pixels on the forestry land mask of the computation unit. The plot weights corresponding to a single pixel (Eq. 3.7), in turn, are computed by a non-parametric k-NN estimation method (Tomppo 1991, 1996, Tomppo et al. 2008b, 2012, 2013).The method utilises the distance metric d , defined in the current version in the feature space of the satellite image data and coarse scale forest variables. The k nearest field plot pixels p_i , in terms of d , i.e., pixels that cover the centre of a field plot $i \in F$, are sought for each pixel p under the forestry land mask of the cloud free satellite image area. Note that the plot parts belonging to non-FRYL land categories are removed from the data set. The sum of the weights of the rest of the plot parts is scaled to one for each pixel. A maximum geographical distance is employed, if necessary, in order to avoid selecting the nearest plots (spectrally similar plots) from a region in which the response of image variables to field variables is not equal to that of the pixel under consideration. This is due to, e.g., changing atmospheric conditions or a large image frame. The feasible set of nearest k neighbours for pixel p is thus

$$\{p_i | d_{p,p_i}^{(x,y)} \leq d_{max}^{(x,y)}, d_{p,p_i}^z \leq d_{max}^z, R(p_i) = R(p)\} \quad (3.6)$$

where $d_{p,p_i}^{(x,y)}$ is the geographical horizontal distance from pixel p to pixel p_i , d^z is the distance in the vertical direction, $d_{max}^{(x,y)}$ and d_{max}^z are their maximum allowed values, and $R(p)$ is the indicator function of land class on the basis of map data (Tomppo 1990, 1991, 1996, 2006b, Katila et al. 2000, Katila and Tomppo 2001, Tomppo et al. 2008b, 2012, 2013).

Denote the k nearest feasible field plots by $i_1(p), \dots, i_k(p)$. The weight $w_{i,p}$ of field plot i to pixel p is defined as

$$w_{i,p} = \frac{1}{d_{p_i,p}^t} / \sum_{j \in \{i_1(p), \dots, i_k(p)\}} \frac{1}{d_{p_j,p}^t}, \quad \text{if and only if } i \in \{i_1(p), \dots, i_k(p)\} \\ = 0 \quad \text{otherwise.} \quad (3.7)$$

The distance weighting power t is a real number, usually $t \in [0, 2]$. A small quantity, greater to zero, is added to d when $d = 0$ and $i \in \{i_1(p), \dots, i_k(p)\}$. The distance metric d employed was

$$d_{p_j,p}^2 = \sum_{l=1}^{n_f} \omega_{l,f}^2 (f_{l,p_j} - f_{l,p})^2 + \sum_{l=1}^{n_g} \omega_{l,g}^2 (g_{l,p_j} - g_{l,p})^2 \quad (3.8)$$

where $f_{l,p}$ is the l th normalised intensity value of the spectral band image variable, normalising done on the basis of digital elevation model, $f_{l,p_j} = f_{l,p_j}^0 / \cos^r(\alpha)$, with α the angle between sun illumination and terrain normal, r the user given power for the cosine correction, $g_{l,p}$ the large area prediction of the l th applied forest variable, n_f the number of image variables (or features), n_g the number of coarse scale forest variables and $\omega_{l,f}$ and $\omega_{l,g}$ the weights for image features and coarse scale forest variables respectively.

The values of the weights $\omega_{l,f}$ and $\omega_{l,g}$ are computed by means of a genetic algorithm (Tomppo and Halme 2004, Tomppo et al. 2008b, 2012, 2013).

A pixel size of 1 km by 1 km is used in the coarse scale forest variable predictions $g_{l,p}$. The first phase of the improved version of k-NN, ik-NN, is to run the optimization algorithm by strata, e.g., mineral soil stratum and mire and bog stratum. The estimation after that is similar to the basic k-NN estimation.

For computing forest parameter estimates for computation units, sums of field plot weights to pixels, $w_{i,p}$ are calculated by computation units, for example, by municipalities, and by map stratum h over the pixels belonging to the unit u . An example of a stratum could be mineral soil forestry land. The weight of the sub-plot i_l of plot i in forest stratum l and in map stratum h to computation unit u is denoted

$$c_{i_l,h,u} = a a_{i_l} \sum_{p \in u_h} w_{i,p} \quad (3.9)$$

where u_h is the set of the pixels in the map stratum h , a is the pixel size and a_{i_l} is the share of the field plot i belonging to the forest stratum l and map stratum h on forestry land.

Reduced weight sums $c'_{i_l,h,u}$ are obtained from the formula 3.9, if clouds or their shadows cover a part of the area of the computation unit u . The real weight sum for plot i is obtained expanding the weight (3.9) by the ratio forestry land divided by the forestry land not covered by the clouds in each computation unit.

The weights (3.9) are computed within forestry land separately for mineral soil stratum and peat-land strata. The weights are also computed for other land classes, arable land, built-up land, roads and waters using the plots falling in the corresponding stratum if the stratification based map correction method is employed Katila and Tomppo (2002), and plots falling into forestry land map stratum if the calibration method is used (Katila et al. 2000).

After the final field plot weights to computation units ($c_{i_l,h,u}$) have been calculated, the ratio estimation is employed to obtain the small-area estimates (e.g., Cochran (1977)). In this way, the estimation is similar to that using field plot data only (Tomppo 2006a, Tomppo et al. 2008b, 2012, 2013).

Predictions of some forest variables are written in the form of a digital map during the procedure. The land classes outside forestry land are transferred to map form predictions directly from the digital map file. Within forestry land mask, the variables are predicted by the weighted averages of the k nearest neighbours (Tomppo 1991, 1996).

A pixel-level prediction of variable Y for pixel p is defined as

$$\hat{y}_p = \sum_{i \in I_h} w_{i,p} \sum_{j \in F_i} a_{i_j} y_{i_j} / \sum_{j \in F_i} a_{i_j}, \quad (3.10)$$

where y_{i_j} is the value of the forest variable Y on stand j of plot i , I_h the set of the field plots belonging to map stratum h , a_{i_j} the share of the stand j of plot i and F_i the set of the plot parts of plot i belonging to forestry land.

The mode or median value can be used instead of the weighted average for categorical variables. Mode has turned out to work better than median in the practical tests (Tomppo et al. 2009b).

One special detail of the Finnish NFI is that some stand level variables are not recorded in the field for the plot parts not including a centre point of a plot in case there are no tally trees belonging those plot parts. The reason is that the area estimates are based on the numbers of the centre points while volumes are summed up from all tally trees in the stratum in question. The variables not recorded for the sub-plots without a centre point and without any tally tree are for example land class based on the FAO classification, main site class, site fertility class, stand age, mean diameter of stand, mean height of stand, stand basal area, canopy cover of trees and canopy cover of broad-leaved trees.

This fact is taken into account in the municipality level estimates in such a way that the missing value is imputed from the distribution of the variable in question when the distribution is calculated from a similar forest stratum. In pixel level predictions, those plot parts are removed, that is, they are not included in set F_i of Eq. 3.10.

The predicted variables in a map form are usually land class, main site class, site fertility class, stand age, mean diameter of stand, mean height of stand, stand basal area, canopy cover of trees, canopy cover of broad-leaved trees and volumes by tree species (pine, spruce, birch, other broad leaved trees) and by timber assortment classes as well as biomass by tree species groups and tree compartments. The total number of the maps in MS-NFI-2013 and MS-NFI-OA-2013 was therefore 44 (Table 3.1).

Table 3.1: The ik-NN estimation parameters employed in MS-NFI-2013.

Parameter	Choice
Variables applied in the distance metric	Illumination corrected spectral values for satellite image bands and large area forest variable estimates
Distance metric	Weighted Euclidean distance
Value of k	3–5
Weights attached to the nearest neighbours	Weights proportional to the inverse distance ($t=1$)
Restrictions for search of nearest neighbours	Large area forest maps are used to direct the NN selection. In addition, the geographic distance between the pixel being processed and the acceptable reference plots was limited.

3.4.2 Selecting estimation parameters and their values for k-NN

The basic principle of k-NN estimation is straightforward. However, practice has shown that the predictions and estimation errors depend to a large extent on the core estimation parameters of the k-NN algorithm. These are:

1. the variables employed in the distance metric, spectral bands or their transformations, possible correction for variation in illumination angle of the pixel based on elevation variation (slope, aspect) (Tomppo 1996)
2. the distance metric (Tomppo and Halme 2004)
3. the value of k (Katila and Tomppo 2001)
4. the weights to be attached to the nearest neighbours, e.g., even weights or functions of the used distance and powers (negative),
5. the variables employed in restricting the area from which the nearest neighbours are sought for a pixel, e.g., a geographical reference area (Katila and Tomppo 2001). In MS-NFI-2013, the country was divided into 19 processing windows. A geographical distance limit was used in the largest image windows to prevent use of plots from different atmospheric imaging conditions
6. the use of additional information, e.g., large area variation of forest variables in the distance metric (Tomppo and Halme 2004),
7. the use of ancillary data in the estimation, e.g., for stratification.

The parameters and their values in MS-NFI-2013 are given in Table 3.1. The parameters are selected separately for each image (consisting of one or more image frames, see Table 2.1). The criteria are the mean square error and bias of pixel level predictions using leave-one-out cross validation, and particularly, the difference between areal estimates based on i) multi-source inventory and ii) on the field data based estimates and their sampling errors (Tomppo et al. 2008b, 2012, 2013). The differences of the areal estimates are assessed in terms of sampling error based on the field data plots (e.g., Katila and Tomppo 2002, Tomppo and Halme 2004). The values of the parameters usually vary by image depending on, e.g., imaging conditions, number of available field plots and variability of forests. The selections are not independent. A change in one parameter affects the optimal value of the other parameter. A crucial factor concerning the accuracy of the estimates seems to be the performance of the genetic algorithm. It was slightly revised for MS-NFI-2009 as an aim to control the weights of the feature variables coming out from the algorithm.

3.4.3 Area and volume estimates for small areas – correction for map errors

In the multi-source estimation, numerical map data (see Sect. 2.3.2) are employed to decrease estimation errors. If the numerical map data would be error free, the computation unit weights (Eq. 3.9)

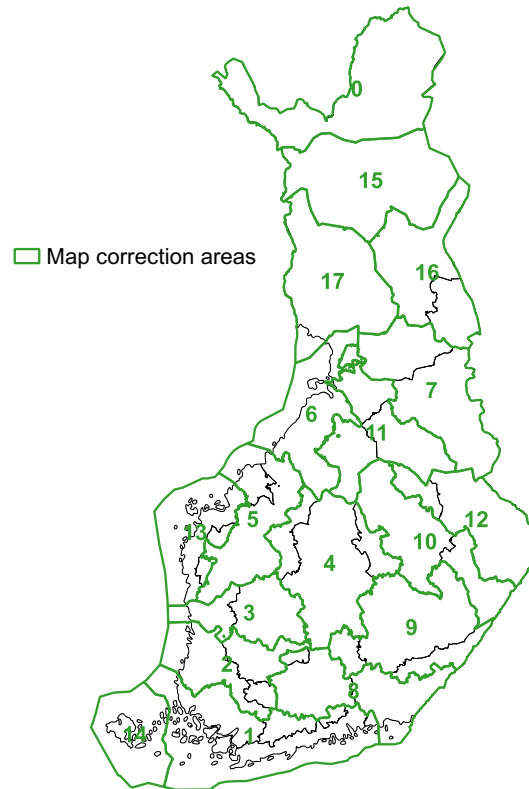


Figure 3.3: The large regions used for calculating the error probabilities between land classes and map strata for MS-NFI-2013, and the boundaries of the Forest Centre regions. Digital map data: National Land Survey of Finland, licence MML/VIR/MYY/328/08.

could be calculated using pixels belonging to forestry land (according the map data) only. However, map data can be out-of-date, include location errors and does not correspond exactly to the definitions of NFI land classes. Errors can also arise during the post-processing of map data. Two methods have been developed to reduce the effect of map errors on small-area multi-source forest resource estimates: a statistical calibration method (Katila et al. 2000, Katila 2006a) and a stratified k-NN method (Katila and Tomppo 2002).

The calibration method is based on the confusion matrix between land use classes of the field sample plots and corresponding map information. The bias in the land class or other total cover estimates, obtained, e.g., from remote sensing or map data, can be corrected by means of the error probabilities expressed as a confusion matrix (Czaplewski and Catts 1992, Walsh and Burk 1993), assuming that the employed field sample are based on a statistical sampling design (Card 1982).

The employed map strata are defined in such a way that each stratum is reasonably homogeneous with respect to the 'map errors' and the NFI land class distribution. This enables the use of the synthetic small-area estimation method when correcting map errors (Rao 2003). The method utilises the error and land class proportions that have been estimated from a larger region. The large regions of municipalities were formed in such a way that the map errors would be as homogeneous as possible within the regions and within each stratum (Tomppo et al. 2013). Seventeen regions were used for map correction (Fig. 3.3). In the MS-NFI-2013, NFI field plots from years 2007–2011 were used to compute the confusion matrix.

The method given in (Katila et al. 2000) was used to calculate the calibrated field plot weights. The calibration typically increases the mean volume estimates and decreases the FRYL area estimates for small areas, if FRYL is overrepresented on maps. Calibration was carried out by groups of municipalities. Despite the rather simple idea of the calibration, it is quite laborious when implemented in the MS-NFI.

The MS-NFI employs a topographic database for municipality boundaries, while the field inventory employs land and water areas from official statistics of the Finnish Land Survey (Suomen pinta-ala kunnittain 2011). The area information from the latter data source is more accurate and there are slight differences between the total and land areas of municipalities from these two data sources. Hence, after the correction of map errors, the MS-NFI municipality land areas are calibrated to the official land areas. The calibration coefficient is straightforward $A_{U, Land_{NLS}}/A_{U, Land}$ and this ratio is assumed to also hold for forestry land and the (calibrated or stratified) weights $c_{i,U}$ are multiplied by this coefficient. For the calibrated MS-NFI, the calibrated land area $A_{U, Land}$ must be first estimated (see Tomppo et al. 2008b, 2012, 2013). The calibration to the official land areas is valid only for (random) deviations between the two data sets and not for the case where real and significant boundary changes between municipalities have taken place in either of the two data sources.

3.4.4 Assessing the errors

Deriving an error estimator for an arbitrary group of pixels has proven to be a challenging task. The problem can be divided into the derivation of i) an error estimator for a pixel level prediction and ii) an error estimator for a parameter for an area of interest.

Difficulties arise because:

1. errors depend on the actual value of the variable to be predicted and so pixel-level errors are spatially dependent,
2. the variables measured or observed on the field plots are also spatially dependent,
3. the spectral values of adjacent pixels of a satellite image are dependent due to the atmospheric properties (scattering) and imaging technique.

Furthermore, several error sources make the error estimation complex. Examples of such error sources are given in (Tomppo et al. 2008b, 2012, 2013).

During the data processing phase in the Finnish MS-NFI, the pixel-level root mean square error (RMSE) and the pixel level average bias are calculated using leave-one-out cross-validation using the available field plots. This is also a part of the employed genetic algorithm and the selection of the estimation parameters of k-NN and ik-NN. For a sufficiently large area consisting of a group of pixels, e.g., for areas of 200 000–300 000 ha, the MS-NFI estimates are compared to the estimates and error estimates based solely on field data. Some empirical error estimates are also available for reliability assessments (Katila 2006b, Tomppo et al. 2008a,b, 2012, 2013). Standard error estimates for groups of pixels are calculated as described in Tomppo et al. (2008b, 2012, 2013). Some recent developments in error estimation, particularly in model-based error estimation are also presented in that publication, see also (Kim and Tomppo 2006, McRoberts and Tomppo 2007, McRoberts et al. 2011, McRoberts et al. 2007, Magnussen et al. 2009).

4 Results

4.1 Forest resources by municipalities

The primary results of MS-NFI are the forest resource estimates for municipalities. With the MS-NFI method, it is possible, at least in theory, to estimate for municipalities all the parameters that are usually estimated for the regions of the Forest Centre using field data only. The estimates are presented in Appendix Tables 1–9 for the parameters whose estimates are considered to be sufficiently precise. These tables include the same parameters as the ones published for MS-NFI-2009 (Tomppo et al. 2013) and MS-NFI-2011 (Tomppo et al. 2014). In the result calculation phase, the MS-NFI estimates for the groups of the municipalities and at region level of the Forest Centre were compared for the estimates and error estimates based on field data only in order to control possible significant errors, including biases. The

estimation parameters were changed until satisfactory estimates were obtained. That is, the MS-NFI estimates of the key parameters, such as areas and volumes by tree species, were within two standard errors of estimates based on the field data only.

The estimates can be divided into area and volume estimates. Some tables present only area estimates, some only volume estimates and some volume estimates for sub-area categories of forest land or poorly productive forest land, together with area estimates of the sub-area categories.

The estimates of the areas of forest land, poorly productive forest land and unproductive forest land (three forestry land categories) are given in Appendix Table 1a for the entire forestry land and in Appendix Table 1b for forestry land available for wood supply. A national classification is used for land classes, for definitions of these classes and comparison to FAO land classes see Tomppo et al. (2011a). The areas and proportions of forestry land of mineral soils and peatland soils are given in Appendix Tables 2a separately for three forestry land categories, and the similar estimates for forestry land available for wood supply are given in Appendix Tables 2c. The Appendix Tables 2b and 2d show again the areas of forest land and poorly productive forest land on mineral soils and peatland soils, as in Appendix Tables 2a and 2b, and now also the mean volumes of the growing stock for the land categories of the tables.

The dominant tree species by municipalities are presented in Appendix Table 3a for forest land and in Appendix Table 3b for poorly productive forest land. The dominant tree species is defined in the NFI for the field assessment as a stand-level variable. In NFI11, it is the tree species with the highest basal area for the development classes from young thinning stand to mature stand and seed tree and shelterwood stands, and is defined as the tree species with highest number of stems capable of development in young and advanced seedling stands. The proportion of pine dominated forests of forest land is usually high in North Finland (Lappi), often over 80 %, and also in the many municipalities in Etelä-Pohjanmaa and Pohjois-Pohjanmaa. A high proportion of pine mires increases the area and proportion of pine dominated forests in Pohjanmaa region. The proportion is high also in some areas in South Finland in coastal regions and Central Finland in areas where Sub-xeric heath forests are common. Among the areas of the regions of the Forest Centre, the proportion of spruce dominated forests on forest land is highest in South Finland in Häme-Uusimaa, 47 %, and in Pirkanmaa and Etelä-Savo, a little less than 40 % with the highest municipality level estimates over 55 % in Lempäälä and Vesilahti.

The stand age and the development class of a stand used in MS-NFI are defined in a same way as in the field inventory (Tomppo et al. 2011a). The area estimates for age classes on forest land by municipalities is presented in Appendix Table 4a and for development classes in Appendix Table 5a. The proportion of forest land with a stand age not more than 40 years varies by municipality in South Finland, from about 25 % to about 60 %, the regions level proportions being around 40 %, The proportional area of young forests is high in Eastern and South-Eastern Finland, and also in some municipalities in Central Finland. The proportional area of forest not more than 40 years old is lower in North Finland than in South Finland. One should note that the same age in South Finland and North Finland corresponds to different development class of stand due to slower growth in the North than in the South.

The mean volume and total volume estimates are given in many different ways: mean volumes by tree species and by timber assortments for combined forest land and poorly productive forest land (6a) likewise with total volumes (6b). The similar estimates are given for forest land and poorly productive forest land available for wood supply in Appendix Tables 6c and 6d. Appendix Tables 7a–d present the similar estimates for forest land as Appendix Tables 6a–d for forest land and poorly productive forest land. Note that poorly productive forest land consists either of rocky soils, field forests or less fertile peatland soils, such as oligo-ombrotrophic or ombrotrophic peatland, e.g., *Sphagnum fuscum* dominated peatland. Note that the water balance of peatland soil also affects the wood production capacity and land class of peatland.

The mean volumes of the growing stock in the municipalities vary significantly by the regions of the Forest Centre and also within the regions. The mean volume estimates on forest land and forest and poorly productive forest land are given also separately for mineral soils and peatland soils in Appendix Table 2b, and for forest land and forest and poorly productive forest land available for wood supply in Appendix Table 2d.

The mean volume estimates by age classes on forest land are given in Appendix Table 4b and the

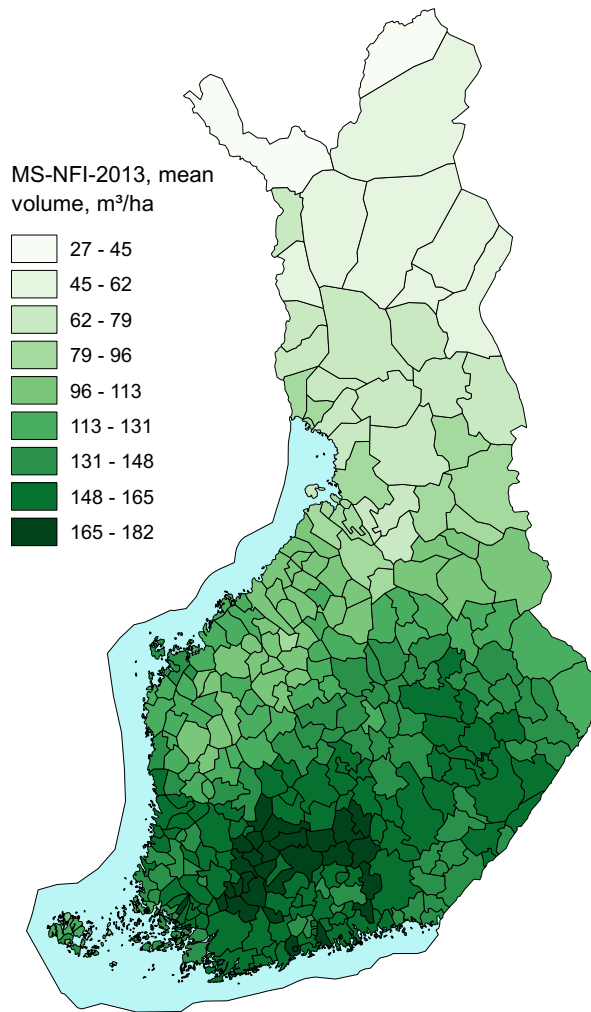


Figure 4.1: The mean volume of growing stock on forest and poorly productive forest land by municipalities. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

similar estimates for the forest land available for wood supply in Appendix Table 4d. The corresponding mean volume estimates by development classes on forest land are given in Appendix Tables 5b and 5d.

The mean volume of the growing stock on combined forest land and poorly productive forest land by municipalities varies in Southernmost Finland is typically over 130 or 140 cubic metres per hectare (m³/ha) except in the municipalities in South coast and Åland region. In South Finland (Regions 0–10 of the Forestry Centre, Fig. 2.1), the mean volume of growing stock by municipalities (Appendix Table 6a and Fig. 4.1) ranged from 68 m³/ha in Kökar to 182 m³/ha in Pälkäne and those for pine from 36 m³/ha in Siilinjärvi to 88 m³/ha in Naantali and those for spruce from 8 m³/ha in Halsua and 94 m³/ha in Vesilahti and those for birch from 10 m³/ha in Kökar to 36 m³/ha in Vantaa. In North Finland (Regions 12–13 of the Forestry Centre, Fig. 2.1), the respective ranges were from 27 m³/ha in Utsjoki to 117 m³/ha Nivala and those for pine from 11 m³/ha in Utsjoki to 67 m³/ha in Kalajoki and those for spruce from 0 m³/ha in Utsjoki to 39 m³/ha in Kemi and those for birch from 6 m³/ha in Savukoski to 25 m³/ha in Tornio.

The mean volume of spruce saw log on combined forest land and poorly productive forest land and also on that available for wood supply by municipalities is naturally highest in the region in which spruce volume is highest, that is, in southern part of Central Finland, in regions of Häme-Uusimaa, and the southern regions of Keski-Suomi and Pohjois-Savo. The volume of pine saw log is relatively high, near or over 30 m³/ha, in some municipalities in South-West (Lounais-Suomi) and South-East (Kaakkois-Suomi) and Etelä-Savo, while the birch saw log, 6–7 m³/ha in some municipalities in Häme-Uusimaa and Rannikko/Etelä-Rannikko (Appendix Tables 6a and 6c).

Pine saw log		Spruce saw log 1000 ha		Total volume	
Municipality	mill. m ³	Municipality	mill. m ³	Municipality	mill. m ³
Lieksa	6.82	Kuopio	6.13	Rovaniemi	42.70
Kuhmo	6.50	Mikkeli	5.74	Kuhmo	38.43
Mikkeli	5.75	Savonlinna	5.04	Lieksa	34.26
Rovaniemi	5.62	Kouvola	4.97	Suomussalmi	34.14
Ilomantsi	5.32	Hämeenlinna	4.66	Mikkeli	33.42
Savonlinna	5.01	Joensuu	4.02	Sodankylä	32.70
Suomussalmi	4.99	Jämsä	3.85	Inari	29.73
Joensuu	4.64	Leppävirta	3.18	Pudasjärvi	29.63
Kouvola	4.12	Sastamala	3.02	Kuusamo	27.88
Sodankylä	4.08	Pieksämäki	2.84	Kouvola	27.58

Table 4.1: The 'TOP10'-municipalities of total volume and volumes of pine and spruce saw log on forest and poorly productive forest land available for wood supply.

The total volumes of spruce, pine and birch saw log on forest and poorly productive forest land available for wood supply are presented in Fig. 4.2. The largest spruce sawlog resources are in the eastern and southern Finland municipalities, while largest volumes of pine sawlog can be found in the eastern and northern Finland. One explanation is that the area of the municipalities simply is larger in East and North Finland. However, most of these 'top'-municipalities are also located in the regions in which mean volume of and the volume of sawlog are high, and where the proportion of forest land is high of all the land classes as well as proportion of forests available for wood supply. An interesting phenomenon is that many of these municipalities of the largest forest resources are regional centres or cities with substantial population (Table 4.1).

4.1.1 Biomass estimates and available energy wood

Biomass estimates had been calculated for each field plot and plot part on forest land and poorly productive forest land in the NFI11 data for biomass and energy wood estimation as follows. The biomass estimates in the field data by tree compartments (Table 4.2) were predicted first for sample trees on forest land and poorly productive forest land of NFI11 and then predicted for tally trees in a similar manner as the volumes. The biomass of the stem (including bark) was calculated from the volume of a stem using stem wood density models by (Repola et al. 2007). The biomass estimates of the other tree compartments were calculated using the models by Repola (2008, 2009) (Table 4.2). Note that the stem residual biomass is included to the stem biomass in the table. Tree level biomass predictions were converted to kilograms per hectare (kg/ha), taking into account angle count sampling (Bitterlich sampling) basal area factor and the maximum radius of the plot. The biomass estimates by tree species groups in young thinning stands (development class) are presented in Appendix Table 8a with a unit of Gg (10⁹ g). The biomasses of stem and bark, branches and foliage were calculated using those field plots on which first commercial thinning was proposed for the first 5-year period or on which pre-commercial thinning was proposed and the treatment was already considered to be delayed in the corresponding stand. The proportion of the field plot biomass capable to be removed was estimated employing the field plot data and the basal area thresholds from the thinning regimes for mineral soils (Hyvän metsänhoidon suosituksset 2005) and peatlands (Hyvän metsänhoidon suosituksset turvemaille 2007), varying according to region (degree days), dominant tree species and site class. First the dominant height of the field plot stand was estimated from stand mean height. The basal area removed was the the stand basal area minus basal area threshold value after cutting from the particular thinning regime. The basal area removal percentage was converted to volume removal percentage using the relations of these two removals obtained from Motti stand simulator for corresponding regions, dominant tree species and site classes (Hynynen et al. 2002). This percentage was used to estimate the biomass components removal for the selected field plots. Appendix Table 8c presents similar estimates to those in Appendix Table 8a

Table 4.2: The compartments for tree biomass (Repola et al. 2007, Repola 2008, 2009).

Stem
Bark
Living branches
Foliage
Dead branches
Stump
Stem residual (from NFI timber assortment class proportions and stem, and bark biomass)

for land available for wood supply. The biomass estimates of mature forests are presented separately for branches, foliage and stem residuals, and stumps and large roots by tree species groups in Appendix Table 8b and for land available for wood supply in Table 8d. In practice, only spruce stumps, branches and stem residuals are harvested from regeneration cutting areas

The biomass models employed here and in (Tomppo et al. 2012) were different from those used in MS-NFI-2005 (Tomppo et al. 2009a). The effect of the two sets of the models on the biomass estimates and differences is discussed in (Tomppo et al. 2012).

The energy wood estimates represent energy wood potential rather than the energy wood available in practice. The practical constraints in use and harvesting of energy wood, like minimum removal and other cutting operations were not taken into account. For more details of deriving the biomass estimates and the reliability of the estimates, see (Tomppo et al. 2008b).

4.2 Digital thematic output maps

Thematic forest maps in raster format were produced for the most important forest variables: land class, main site class, site fertility class, stand age, mean diameter and height of stands, stand basal area, canopy cover of trees, canopy cover of broad leaved trees and volumes by tree species and timber assortments, for four tree species or species groups (pine, spruce, two birch species combined, and other broad leaved tree species). Twelve volume maps were produced for volumes of saw timber, pulp wood and total volume by tree species groups and one for all species together, without breaking down to saw timber and pulp wood. Twentyone thematic maps show the biomass estimates for three tree species groups (pine, spruce, broad-leaved trees) and for seven tree compartments. Note that the biomass component stem residual is a part of biomass component stem and bark. The maps produced are georeferenced raster layers in ETRS-TM35FIN coordinate system with a spatial resolution of 16 m by 16 m (Table 4.3), and cover Finland as shown in Fig. 2.5. The non-forestry land use cover was obtained from the digital land use map data and overlaid on the satellite image data during the estimation phase. The ik-NN pixel-level predictions were made for the rest of the area. An example of the total volume thematic map is given in Fig. 3.2c. The raster layers can be combined to produce new thematic maps, e.g., dominant tree species and mean volume classes by tree species dominance. More examples of digital thematic maps are given in Tomppo et al. (2008b).

Two kinds of map were made for the open access product: the viewable maps and the complete maps. The background map data has been replaced by a no-data value in both products. The viewable maps are 8-bit images where the forest variables have been classified into a small number of classes and colours have been assigned to the classes. These maps are available in viewing services like the Paikkati-etoikkuna of the National Land Survey of Finland (<http://www.paikkati-etoikkuna.fi/>) (Paikkati-etoikkuna 2013a, 2013b). The complete maps retain the full precision of the results in 16-bit raster data. These are available at <http://kartta.luke.fi/index-en.html> (Metla 2013).

Note that the sum and mean values calculated from raster layers could deviate, and also do deviate in most cases, from the area and volume estimates in the Appendix Tables, due to the corrections for map errors. The forestry land area calculated from the maps is greater, and the mean volume estimates smaller, than those in the Appendix Tables in most cases (cf. Subsect. 3.4.3). Particularly, if the estimates are calculated for a specific stratum, e.g., the mean or total volume for forests older than 120 years, the

Table 4.3: The estimated raster themes.

Theme
Biomass, spruce, living branches 2013 (10 kg/ha)
Biomass, spruce, stem residual 2013 (10 kg/ha)
Biomass, spruce, roots, d > 1 cm 2013 (10 kg/ha)
Biomass, spruce, stump 2013 (10 kg/ha)
Biomass, spruce, dead branches 2013 (10 kg/ha)
Biomass, spruce, stem and bark 2013 (10 kg/ha)
Biomass, spruce, foliage 2013 (10 kg/ha)
Biomass, broad-leaved trees, living branches 2013 (10 kg/ha)
Biomass, broad-leaved trees, stem residual 2013 (10 kg/ha)
Biomass, broad-leaved trees, roots, d > 1 cm 2013 (10 kg/ha)
Biomass, broad-leaved trees, stump 2013 (10 kg/ha)
Biomass, broad-leaved trees, dead branches 2013 (10 kg/ha)
Biomass, broad-leaved trees, stem and bark 2013 (10 kg/ha)
Biomass, broad-leaved trees, foliage 2013 (10 kg/ha)
Biomass, pine, living branches 2013 (10 kg/ha)
Biomass, pine, stem residual 2013 (10 kg/ha)
Biomass, pine, roots, d > 1 cm 2013 (10 kg/ha)
Biomass, pine, stump 2013 (10 kg/ha)
Biomass, pine, dead branches 2013 (10 kg/ha)
Biomass, pine, stem and bark 2013 (10 kg/ha)
Biomass, pine, foliage 2013 (10 kg/ha)
Site main class 2013 (1–4)
Site fertility class 2013 (1–8)
Land class 2013 (1–3)
Stand age 2013 (year)
Stand mean diameter of 2013 (cm)
Stand mean height 2013 (dm)
Canopy cover 2013 (%)
Canopy cover of broad-leaved trees 2013 (%)
Stand basal area 2013 (m ² /ha)
Data source index, MSNFI 2013
Volume, birch 2013 (m ³ /ha)
Volume, birch pulpwood 2013 (m ³ /ha)
Volume, birch saw timber 2013 (m ³ /ha)
Volume, spruce 2013 (m ³ /ha)
Volume, spruce pulpwood 2013 (m ³ /ha)
Volume, spruce saw timber 2013 (m ³ /ha)
Volume, other broad-leaved trees 2013 (m ³ /ha)
Volume, other broad-leaved trees pulpwood 2013 (m ³ /ha)
Volume, other broad-leaved trees saw timber 2013 (m ³ /ha)
Volume, pine 2013 (m ³ /ha)
Volume, pine pulpwood 2013 (m ³ /ha)
Volume, pine saw timber 2013 (m ³ /ha)
Volume, the growing stock 2013 (m ³ /ha)

small area estimates calculated using the weights (Eq. 3.9) may deviate significantly from the estimates calculated from the map layers. The reason is that there is a tendency towards the mean in the map form estimates while original field data are used in the small area estimates. For these reasons, it is recommended to use the small area approach in estimation when estimating strata far from the mean of the variable.

The open access product MS-NFI-OA-2013 includes, besides the latest estimates, estimates from earlier multisource inventories. The proportion of pixels and area included from the different estimates is shown in Table 4.4. The table shows that coverage of the latest year 2013 inventory is very good. Note that the here the total area is the area under the forest mask derived from the topographic database (see Section 2.3.2) and it differs slightly from the area of forestry land computed from the field plot data in NFI (26 194 000 ha from Finnish Statistical Yearbook of Forestry (2014)).

The forest resource maps produced in MS-NFI-2013 are of slightly better quality compared with

Source	pixels	1000 ha	%
MSNFI-2013	1 025 219 898	26 245.6	98.62
MSNFI-2011	11 827 636	302.8	1.14
MSNFI-2009	92 178	2.4	0.01
2003/2009 Lapland	366 152	9.4	0.03
2003/2000 Enontekiö	1 113 733	28.5	0.11
2007	463 456	11.9	0.04
No data	509 098	13.0	0.05
Total	1 039 592 151	26 613.6	100.0

Table 4.4: The proportions of forest area from the different estimates in MS-NFI-OA-2013.

the earlier versions. This is mainly due to the better satellite images coming from the Landsat 8 OLI instrument. The nominal spatial resolution of the Landsat 8 OLI data is the same as the Landsat 5 TM and Landsat 7 ETM+ data used in the earlier MS-NFI products. However, the new instrument is based on a detector matrix (pushbroom scanner) whereas the earlier instruments were rotating (whiskbroom) scanners. The on-ground pixel footprint of the OLI scanner is the same in center of the swath and the edges of the swath (excluding the slight change due to the earth curvature). In the whiskbroom scanner, the footprint is larger near the edges of the swath. This is visualized in Fig. 4.3, where a sample of image data from both instruments is shown together with the estimations results from the same data.

The radiometric resolution of the OLI imager is better than that of the TM imager. No clear improvement in the estimation accuracy in the cross-validation tests was not seen. The differences between the image composition in MS-NFI-2011 and MS-NFI-2013 may have covered the possible changes in estimate quality.

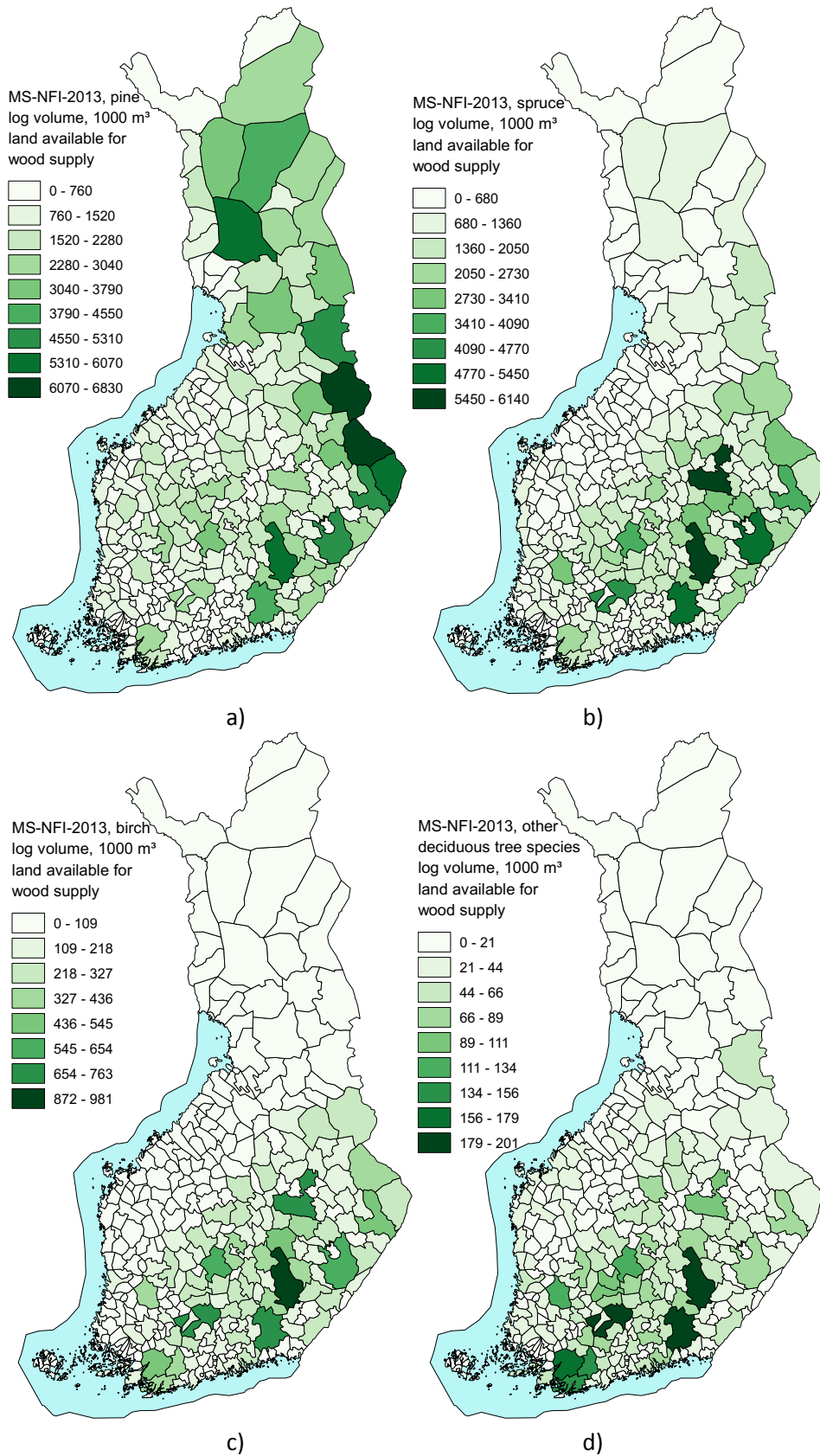


Figure 4.2: The saw log volume of pine (a), spruce (b), birch (c) and other deciduous species (d) on forest and poorly productive forest land available for wood supply. Digital map data: ©National Land Survey of Finland, licence No. MML/VIR/MYY/328/08.

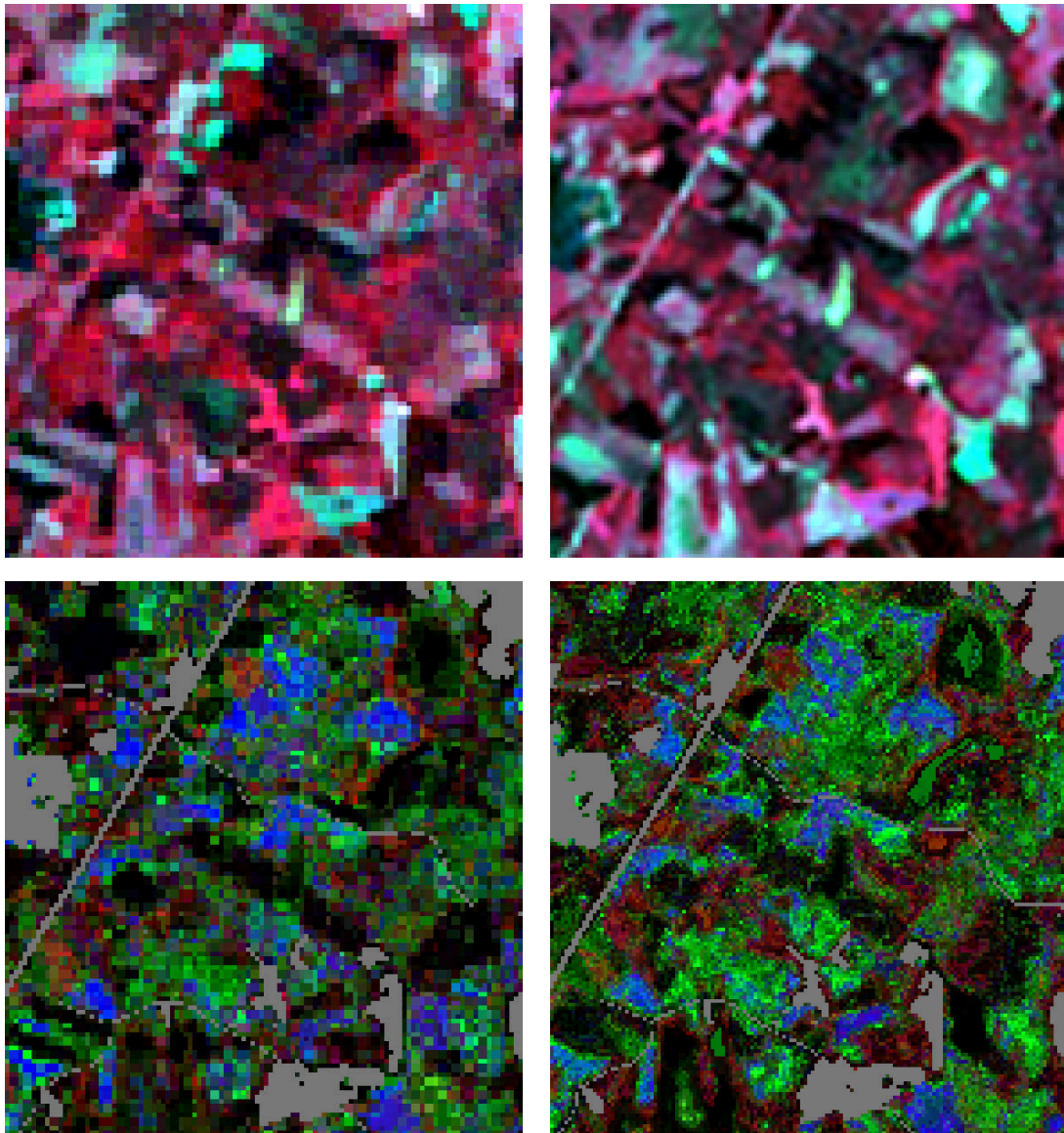


Figure 4.3: Comparison of the Landsat 5 TM and Landsat 8 OLI data and results. The image patch is near the west edge of WRS frame 190/15 in Pohjanmaa. The image date is July 23, 2014. The upper row shows a patch of image data from the TM (left) and OLI (right) sensors. The displayed channels are red=NIR, green=red, and blue=green. The lower row shows estimation results, respectively. The red channel shows the mean volume of birch, the green channel the mean volume of pine, and the blue channel the mean volume of spruce.

5 Discussion

The development of the Finnish multi-source inventory (MS-NFI) method began in 1989 in the connection of the 8th National Forest Inventory of Finland (NFI8). The method utilises satellite images, field data of the National Forest Inventory (NFI) and digital map data. The methods and results of the first country-level MS-NFI, MS-NFI8, are presented in (Tomppo et al. 1998). The revised methods and results, MS-NFI9 methods and results, corresponding to the ninth National Forest Inventory (1996–2003), were published in (Tomppo et al. 2008b).

The main purpose of the MS-NFI method is to obtain forest resource information for areas smaller than would be possible using only field data. The adopted k-Nearest Neighbour estimation method (k-NN) meets the requirements set to the method and the results. In addition to the small area estimates, the MS-NFI provides predictions of forest variables in map form.

The method has been improved continuously and new features have been added since its first implementation. Similar development work is being carried out in several other countries.

For MS-NFI-2013 the NFI field plot data from years 2009–2013 were used. Most of the images were from year 2013 (Table 2.1). The variables of field data were projected (updated) to a certain time point, in this case to July 31, 2013. An approach based on stand level models were selected after exploring different alternatives (Subsect. 3.2, Tomppo et al. 2014). Existing models were used for volume increments. Models and their parameters for the increments of the other updated quantities were estimated for the MS-NFI purposes. The permanent sample plots of the NFI from years 2004–2011 were used. Big changes on the NFI plots compared to the image data were interpreted. Some of them are difficult to detect. Thus some open questions still remain, in addition to the precisions of the increment models. Examples, in addition to the detection of some big changes, such as regeneration cuttings and heavy storm damages, the detection of light storm damages and thinning cuttings (not tried for this product). Furthermore, some one frames were from 2012, some from 2014 due to the lack of the images from 2013. Estimates corresponding exactly to July 31, 2013 are quite a challenging task.

The pixel level prediction error is generally rather high in MS-NFI. The several error sources are listed in (Tomppo et al. 2008b). For this article, the estimates and pixel level predictions were validated when selecting the estimation parameters comparing MS-NFI estimates and error estimates with those based on NFI11 field data using groups of municipalities.

The most serious potential risk in the application of MS-NFI method is the availability of relevant satellite images. An individual satellite image scene should be large enough to cover high enough number of field plots, preferably several thousands, to get satisfactory ground truth data. On the other hand, the pixel size should not be larger than about 30 metres. In addition to the problems caused by clouds, the number of the natural resource satellites with suitable specifications for forest applications has not been large. ESA's Sentinel-2A, launched in 23 June 2015, will improve the situation and the launch of Sentinel-2B (launch planned for Mid-2016) will further improve coverage. However, Sentinel-2A data is not available for Summer 2015, which will probably be the target year for the next MS-NFI products.

This article is one in the series in which the MS-NFI estimates are calculated every second year for the greater part of the country and every fourth year for northernmost Finland. The future method development work will focus, in addition to the decrease of all kinds of estimation errors, to improve the consistency between the subsequent products. Now that there are three openly available products, users are increasingly interested in the trends observed by comparing the products. Up to now, the MS-NFI products have been independent but possibilities to use previous estimates to increase the reliability of current estimates will be investigated.

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The results presented in this article presume the availability of forest inventory field data, amounting about to 60 000 field plots on forestry land in NFI11 from 2009–2013, as well as functioning comput-

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Table 1a. Area and proportion of land classes on forestry land by Forest Centre regions.

Forest Centre region	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
Åland								
035 Brändö	4 537	49.3	1 635	17.8	3 037	33.0	9 209	100.0
043 Eckerö	5 854	67.2	1 618	18.6	1 240	14.2	8 711	100.0
060 Finström	6 674	77.4	1 306	15.1	647	7.5	8 628	100.0
062 Föglö	7 560	68.0	2 058	18.5	1 500	13.5	11 118	100.0
065 Geta	3 524	53.0	1 796	27.0	1 329	20.0	6 649	100.0
076 Hammarland	7 304	70.4	1 791	17.3	1 285	12.4	10 381	100.0
170 Jomala	7 379	81.6	1 116	12.3	554	6.1	9 049	100.0
295 Kumlinge	4 180	50.1	1 704	20.4	2 462	29.5	8 346	100.0
318 Kökar	1 381	25.7	883	16.4	3 120	58.0	5 384	100.0
417 Lemland	6 696	75.5	1 256	14.2	922	10.4	8 875	100.0
438 Lumparland	2 044	73.6	575	20.7	158	5.7	2 777	100.0
478 Mariehamn-Maarianhamina	351	68.4	107	20.8	55	10.8	513	100.0
736 Saltvik	7 055	62.9	2 614	23.3	1 547	13.8	11 215	100.0
766 Sottunga	966	41.8	467	20.2	880	38.1	2 313	100.0
771 Sund	5 709	72.3	1 683	21.3	499	6.3	7 891	100.0
941 Vårdö	4 597	54.2	2 030	23.9	1 860	21.9	8 487	100.0
Total	75 809	63.4	22 639	18.9	21 098	17.7	119 546	100.0
Rannikko/Etelärannikko								
049 Espoo-Esbo	16 199	92.6	1 006	5.8	285	1.6	17 490	100.0
078 Hanko-Hangö	6 762	76.9	1 673	19.0	358	4.1	8 792	100.0
091 Helsinki-Helsingfors	7 063	86.3	630	7.7	492	6.0	8 185	100.0
092 Vantaa-Vanda	9 898	93.8	304	2.9	346	3.3	10 548	100.0
149 Ingå-Inkoo	20 058	87.1	2 559	11.1	416	1.8	23 033	100.0
235 Kauniainen-Grankulla	183	91.1	15	7.5	3	1.4	200	100.0
257 Kirkkonummi-Kyrkslätt	21 275	87.4	2 486	10.2	575	2.4	24 337	100.0
322 Kemiönsaari	36 897	73.2	10 427	20.7	3 054	6.1	50 378	100.0
407 Lapinjärvi-Lapträsk	19 045	97.7	401	2.1	41	0.2	19 486	100.0
434 Loviisa-Lovisa	54 085	95.8	1 879	3.3	514	0.9	56 478	100.0
445 Länsi-Turunmaa	46 783	70.0	13 647	20.4	6 375	9.5	66 805	100.0
638 Porvoo-Borgå	39 210	95.0	1 632	4.0	447	1.1	41 289	100.0
710 Raasepori	72 271	87.4	9 287	11.2	1 140	1.4	82 698	100.0
753 Sipoo-Sibbo	19 552	94.6	836	4.0	289	1.4	20 677	100.0
755 Siuntio-Sjundeå	13 294	92.9	886	6.2	137	1.0	14 316	100.0
Total	382 576	86.0	47 667	10.7	14 472	3.3	444 715	100.0
Rannikko/Pohjanmaan rannikko								
231 Kaskinen-Kaskö	630	89.0	20	2.8	59	8.3	709	100.0
272 Kokkola-Karleby Rannikko	21 982	96.4	390	1.7	424	1.9	22 796	100.0
280 Korsnäs	17 968	92.8	471	2.4	916	4.7	19 355	100.0
287 Kristinestad-	50 207	94.2	1 186	2.2	1 927	3.6	53 320	100.0
288 Kronoby-Kruunupy	50 083	91.5	2 246	4.1	2 413	4.4	54 742	100.0
440 Larsmo-Luoto	10 834	92.9	404	3.5	424	3.6	11 662	100.0
475 Malax-Maalathi	35 845	89.7	1 441	3.6	2 676	6.7	39 961	100.0
499 Korsholm-Mustasaari	58 248	93.3	1 465	2.4	2 743	4.4	62 455	100.0
545 Närpes-Närpiö	65 317	92.4	2 099	3.0	3 274	4.6	70 691	100.0
598 Jakobstad-Pietarsaari	5 587	92.5	228	3.8	228	3.8	6 043	100.0
599 Pedersöre-Pedersören kunta	55 198	93.8	1 987	3.4	1 696	2.9	58 881	100.0
893 Nykarleby-Uusikaarlepy	49 819	92.5	1 734	3.2	2 282	4.2	53 835	100.0
905 Vaasa-Vasa	20 028	95.2	407	1.9	604	2.9	21 039	100.0
946 Vörå-Vöyri	53 229	93.5	1 562	2.7	2 158	3.8	56 949	100.0
Total	494 975	93.0	15 639	2.9	21 823	4.1	532 437	100.0
Lounais-Suomi								
019 Aura	3 933	95.4	134	3.3	54	1.3	4 121	100.0
050 Eura	35 182	95.4	1 081	2.9	620	1.7	36 883	100.0
051 Eurajoki	22 470	96.2	630	2.7	249	1.1	23 349	100.0
079 Harjavalta	7 211	93.0	298	3.8	247	3.2	7 755	100.0
099 Honkajoki	19 958	84.3	1 995	8.4	1 719	7.3	23 672	100.0
102 Huittinen	26 445	92.8	856	3.0	1 191	4.2	28 492	100.0
181 Jämijärvi	13 169	95.0	389	2.8	301	2.2	13 859	100.0
202 Kaarina	6 756	92.7	451	6.2	79	1.1	7 286	100.0
214 Kankaanpää	47 468	91.3	2 385	4.6	2 141	4.1	51 994	100.0
230 Karvia	30 508	82.9	3 187	8.7	3 101	8.4	36 796	100.0
271 Kokemäki	29 164	93.6	995	3.2	998	3.2	31 156	100.0
284 Koski T.I.	8 110	96.5	180	2.1	118	1.4	8 408	100.0
304 Kustavi	8 971	69.6	2 664	20.7	1 257	9.8	12 891	100.0
319 Köyliö	14 559	92.6	668	4.3	496	3.2	15 723	100.0
400 Laitila	32 246	90.2	1 982	5.6	1 512	4.2	35 740	100.0
413 Lavia	24 128	95.4	692	2.7	475	1.9	25 295	100.0
423 Lieto	8 555	93.4	548	6.0	59	0.7	9 162	100.0
430 Loimaa	33 467	94.1	928	2.6	1 159	3.3	35 554	100.0
442 Luvia	11 990	96.7	285	2.3	123	1.0	12 397	100.0
480 Marttila	8 936	90.8	476	4.8	432	4.4	9 844	100.0
481 Masku	8 226	90.8	575	6.4	256	2.8	9 058	100.0

Table 1a. Area and proportion of land classes on forestry land by Forest Centre regions.

Forest Centre region	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
484 Merikarvia	34 797	92.3	1 018	2.7	1 889	5.0	37 704	100.0
503 Mynämäki	30 833	90.1	1 868	5.5	1 504	4.4	34 205	100.0
529 Naantali	16 320	77.7	3 960	18.9	731	3.5	21 012	100.0
531 Nakkila	9 586	99.3	71	0.7	0	0.0	9 657	100.0
538 Nousiainen	10 320	88.2	994	8.0	385	3.8	11 700	100.0
561 Oripää	5 093	89.8	275	4.9	304	5.4	5 671	100.0
577 Paimio	12 024	92.5	883	6.8	93	0.7	12 999	100.0
608 Pomarkku	23 216	92.1	899	3.6	1 090	4.3	25 204	100.0
609 Pori	54 593	95.8	1 345	2.4	1 025	1.8	56 963	100.0
631 Pyhäranta	9 907	93.3	528	5.0	179	1.7	10 615	100.0
636 Pöytyä	42 414	89.8	2 378	5.0	2 454	5.2	47 245	100.0
680 Raisio	1 913	89.0	191	8.9	46	2.1	2 150	100.0
684 Rauma	31 843	93.3	1 746	5.1	541	1.6	34 130	100.0
704 Rusko	6 295	90.6	329	4.7	326	4.7	6 950	100.0
734 Salo	108 442	91.7	7 768	6.6	2 002	1.7	118 211	100.0
738 Sauvo	12 725	88.9	1 480	10.3	106	0.7	14 311	100.0
747 Siikainen	34 060	86.2	2 338	5.9	3 106	7.9	39 504	100.0
761 Somero	33 760	96.4	761	2.2	502	1.4	35 024	100.0
783 Säkyä	9 948	95.5	345	3.3	123	1.2	10 416	100.0
833 Taivassalo	6 797	79.0	1 448	16.8	354	4.1	8 599	100.0
838 Tarvasjoki	4 319	96.6	119	2.7	32	0.7	4 470	100.0
853 Turku-Åbo	10 063	90.2	835	7.5	261	2.3	11 159	100.0
886 Ulvila	27 890	97.1	721	2.5	115	0.4	28 726	100.0
895 Uusikaupunki	30 458	87.1	3 108	8.9	1 398	4.0	34 964	100.0
918 Vehmaa	10 223	91.3	691	6.2	286	2.6	11 200	100.0
Total	979 290	91.3	57 498	5.4	35 438	3.3	1 072 227	100.0
Häme-Uusimaa								
016 Asikkala	41 143	98.7	338	0.8	195	0.5	41 676	100.0
018 Askola	11 504	97.9	188	1.6	61	0.5	11 754	100.0
061 Forssa	13 794	96.2	237	1.7	315	2.2	14 346	100.0
081 Hartola	44 898	97.9	532	1.2	441	1.0	45 871	100.0
082 Hattula	23 800	96.3	595	2.4	329	1.3	24 724	100.0
086 Hausjärvi	20 829	96.3	615	2.8	179	0.8	21 622	100.0
098 Hollola	29 034	98.4	253	0.9	224	0.8	29 510	100.0
103 Humppila	7 283	96.5	147	2.0	121	1.6	7 552	100.0
106 Hyvinkää	19 710	95.1	772	3.7	249	1.2	20 732	100.0
109 Hämeenlinna	128 988	98.0	1 641	1.3	1 011	0.8	131 640	100.0
111 Heinola	57 713	98.6	591	1.0	233	0.4	58 537	100.0
165 Janakkala	33 752	96.7	776	2.2	371	1.1	34 900	100.0
169 Jokioinen	8 086	97.7	109	1.3	84	1.0	8 278	100.0
186 Järvenpää	1 316	96.3	20	1.4	31	2.3	1 367	100.0
224 Karkkila	16 862	97.9	338	2.0	30	0.2	17 230	100.0
245 Kerava	1 185	94.5	26	2.1	43	3.5	1 254	100.0
283 Hämeenkoski	11 753	98.9	66	0.6	67	0.6	11 886	100.0
316 Kärkölä	13 863	96.4	368	2.6	145	1.0	14 376	100.0
398 Lahti	6 594	97.1	119	1.8	76	1.1	6 788	100.0
433 Loppi	42 987	96.4	1 243	2.8	369	0.8	44 600	100.0
444 Lohja	58 466	96.7	1 708	2.8	285	0.5	60 460	100.0
504 Myrskylä-Mörskom	11 988	97.6	238	1.9	57	0.5	12 284	100.0
505 Mäntsälä	34 640	97.2	765	2.2	223	0.6	35 629	100.0
532 Nastola	21 651	97.6	289	1.3	246	1.1	22 186	100.0
543 Nurmijärvi	17 571	96.3	499	2.7	185	1.0	18 254	100.0
560 Orimattila	43 567	97.7	605	1.4	428	1.0	44 600	100.0
576 Padasjoki	42 844	98.4	496	1.1	190	0.4	43 530	100.0
611 Pornainen	8 146	96.9	224	2.7	40	0.5	8 410	100.0
616 Pukkila	7 093	97.8	101	1.4	61	0.9	7 256	100.0
694 Riihimäki	6 681	97.8	99	1.5	52	0.8	6 833	100.0
781 Sysmä	53 463	98.9	321	0.6	295	0.6	54 079	100.0
834 Tammela	44 422	92.0	1 501	3.1	2 387	4.9	48 310	100.0
858 Tuusula	10 384	97.4	181	1.7	96	0.9	10 661	100.0
927 Vihti	31 813	96.7	926	2.8	168	0.5	32 907	100.0
981 Ypäjä	7 936	97.2	120	1.5	110	1.4	8 166	100.0
Total	935 760	97.3	17 047	1.8	9 402	1.0	962 209	100.0
Kaakkois-Suomi								
075 Hamina	43 297	96.5	795	1.8	789	1.8	44 882	100.0
142 Iitti	38 381	97.5	782	2.0	218	0.6	39 381	100.0
153 Imatra	9 429	99.2	44	0.5	37	0.4	9 510	100.0
285 Kotka	17 368	96.2	399	2.2	288	1.6	18 055	100.0
286 Kouvola	170 089	97.1	3 092	1.8	2 020	1.2	175 202	100.0
405 Lappeenranta	99 274	97.6	1 172	1.2	1 308	1.3	101 754	100.0
416 Lemi	15 150	97.6	110	0.7	271	1.8	15 530	100.0
441 Luumäki	57 626	96.7	1 094	1.8	857	1.4	59 577	100.0
489 Miehikkälä	31 267	97.0	516	1.6	460	1.4	32 243	100.0

Table 1a. Area and proportion of land classes on forestry land by Forest Centre regions.

Forest Centre region	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
580 Parikkala	43 572	98.4	311	0.7	404	0.9	44 287	100.0
624 Pyhtää-Pyttis	21 728	92.4	754	3.2	1 024	4.4	23 506	100.0
689 Rautjärvi	28 865	98.6	253	0.9	172	0.6	29 290	100.0
700 Ruokolahti	81 820	98.1	765	0.9	837	1.0	83 422	100.0
739 Savitaipale	43 134	97.6	566	1.3	515	1.2	44 214	100.0
831 Taipalsaari	27 849	98.0	269	1.0	297	1.1	28 415	100.0
935 Virolahti	25 894	96.5	546	2.0	396	1.5	26 836	100.0
Total	754 744	97.3	11 466	1.5	9 894	1.3	776 103	100.0
Pirkanmaa								
020 Akaa	16 445	98.2	156	0.9	146	0.9	16 747	100.0
108 Hämeenkyrö	31 764	97.5	561	1.7	243	0.8	32 567	100.0
143 Ikaalinen	57 305	96.5	1 402	2.4	700	1.2	59 407	100.0
177 Juupajoki	20 680	98.4	208	1.0	124	0.6	21 013	100.0
211 Kangasala	46 234	98.5	399	0.9	310	0.7	46 942	100.0
250 Kihniö	27 292	93.1	1 178	4.0	848	2.9	29 318	100.0
418 Lempäälä	17 524	98.5	148	0.8	120	0.7	17 792	100.0
508 Mänttä-Vilppula	44 020	98.4	388	0.9	340	0.8	44 749	100.0
536 Nokia	19 411	98.8	146	0.7	90	0.5	19 647	100.0
562 Orivesi	63 406	98.5	526	0.8	433	0.7	64 365	100.0
581 Parkano	65 277	91.0	3 797	5.3	2 639	3.7	71 713	100.0
604 Pirkkala	4 948	98.7	41	0.8	25	0.5	5 014	100.0
619 Punkalaidun	18 841	95.5	372	1.9	514	2.6	19 726	100.0
635 Pälkäne	41 330	98.7	259	0.6	285	0.7	41 874	100.0
702 Ruovesi	63 804	97.1	931	1.4	977	1.5	65 711	100.0
790 Sastamala	96 224	97.2	1 681	1.7	1 074	1.1	98 979	100.0
837 Tampere	37 533	98.8	298	0.8	172	0.5	38 004	100.0
887 Urjala	29 975	96.6	502	1.6	550	1.8	31 027	100.0
908 Valkeakoski	16 410	98.3	141	0.9	136	0.8	16 687	100.0
922 Vesilahti	20 628	98.4	174	0.8	153	0.7	20 955	100.0
936 Virrat	92 398	93.7	3 119	3.2	3 054	3.1	98 571	100.0
980 Ylöjärvi	90 227	96.1	2 219	2.4	1 466	1.6	93 913	100.0
Total	921 677	96.5	18 645	2.0	14 398	1.5	954 721	100.0
Etelä-Savo								
046 Enonkoski	26 719	98.9	155	0.6	144	0.5	27 017	100.0
090 Heinävesi	92 469	99.0	466	0.5	507	0.5	93 442	100.0
097 Hirvensalmi	39 513	97.7	556	1.4	359	0.9	40 428	100.0
171 Joroinen	44 356	96.5	546	1.2	1 054	2.3	45 955	100.0
178 Juva	96 095	96.9	1 517	1.5	1 575	1.6	99 187	100.0
213 Kangasniemi	92 052	97.8	1 015	1.1	1 067	1.1	94 134	100.0
491 Mikkeli	211 083	97.4	2 743	1.3	2 965	1.4	216 791	100.0
507 Mäntyharju	83 937	97.9	1 327	1.6	501	0.6	85 764	100.0
588 Pertunmaa	31 530	98.2	385	1.2	194	0.6	32 109	100.0
593 Pieksämäki	133 032	97.2	1 880	1.4	1 934	1.4	136 847	100.0
623 Puumala	69 730	98.3	691	1.0	537	0.8	70 958	100.0
681 Rantasalmi	44 222	97.7	390	0.9	659	1.5	45 272	100.0
740 Savonlinna	190 713	98.3	1 621	0.8	1 674	0.9	194 008	100.0
768 Sulkava	49 883	98.5	432	0.9	339	0.7	50 654	100.0
Total	1 205 334	97.8	13 724	1.1	13 508	1.1	1 232 567	100.0
Etelä-Pohjanmaa								
005 Alajärvi	71 623	89.8	4 439	5.6	3 690	4.6	79 753	100.0
010 Alavus	75 077	91.8	3 838	4.7	2 871	3.5	81 785	100.0
052 Evijärvi	23 617	87.5	1 771	6.6	1 602	5.9	26 990	100.0
074 Halsua	27 046	78.0	3 498	10.1	4 142	11.9	34 686	100.0
145 Ilmajoki	32 766	93.9	1 260	3.6	856	2.5	34 881	100.0
151 Isojoki	45 061	83.7	3 461	6.4	5 304	9.9	53 826	100.0
152 Isokyrö	19 363	92.7	771	3.7	756	3.6	20 890	100.0
164 Jalasjärvi	49 026	89.9	2 783	5.1	2 746	5.0	54 555	100.0
217 Kannus	32 016	88.3	2 520	7.0	1 709	4.7	36 246	100.0
218 Karijoki	12 281	92.4	515	3.9	496	3.7	13 291	100.0
232 Kauhajoki	78 672	82.2	7 847	8.2	9 201	9.6	95 721	100.0
233 Kauhava	76 601	92.0	3 735	4.5	2 975	3.6	83 311	100.0
236 Kaustinen	23 245	86.8	1 823	6.8	1 724	6.4	26 792	100.0
272 Kokkola-Karleby E-	74 872	83.3	6 753	7.5	8 309	9.2	89 934	100.0
300 Kuortane	31 873	93.1	1 383	4.0	975	2.9	34 232	100.0
301 Kurikka	58 802	92.3	2 640	4.1	2 284	3.6	63 726	100.0
399 Laihia	32 919	90.2	1 256	3.4	2 324	6.4	36 500	100.0
403 Lappajärvi	28 699	88.9	1 885	5.8	1 696	5.3	32 281	100.0
408 Lapua	42 491	90.4	2 300	4.9	2 201	4.7	46 992	100.0
421 Lestijärvi	33 684	77.4	3 367	7.7	6 468	14.9	43 519	100.0
584 Perho	49 059	75.5	6 278	9.7	9 620	14.8	64 956	100.0
743 Seinäjoki	86 016	89.0	5 082	5.3	5 500	5.7	96 598	100.0
759 Soini	41 111	88.1	3 047	6.5	2 484	5.3	46 642	100.0
846 Teuva	36 302	89.7	2 028	5.0	2 149	5.3	40 479	100.0

Table 1a. Area and proportion of land classes on forestry land by Forest Centre regions.

Forest Centre region	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
849 Toholampi	38 426	79.7	3 845	8.0	5 951	12.3	48 222	100.0
924 Veteli	31 166	79.5	3 363	8.6	4 659	11.9	39 187	100.0
934 Vimpeli	18 375	86.6	1 501	7.1	1 347	6.3	21 223	100.0
989 Ähtäri	64 825	93.3	2 897	4.2	1 734	2.5	69 456	100.0
Total	1 235 015	87.2	85 887	6.1	95 772	6.8	1 416 674	100.0
Keski-Suomi								
077 Hankasalmi	44 982	98.9	236	0.5	279	0.6	45 497	100.0
172 Joutsa	72 621	97.2	1 022	1.4	1 090	1.5	74 733	100.0
179 Jyväskylä	93 856	98.7	658	0.7	597	0.6	95 110	100.0
182 Jämsä	131 366	98.4	1 165	0.9	917	0.7	133 449	100.0
216 Kannonkoski	37 994	96.5	981	2.5	403	1.0	39 378	100.0
226 Karstula	68 859	91.4	3 502	4.7	3 022	4.0	75 383	100.0
249 Keuruu	106 894	96.4	2 369	2.1	1 581	1.4	110 844	100.0
256 Kinnula	36 630	90.9	2 043	5.1	1 614	4.0	40 288	100.0
265 Kivijärvi	40 411	92.1	1 830	4.2	1 661	3.8	43 902	100.0
275 Konnevesi	43 829	98.9	178	0.4	314	0.7	44 321	100.0
291 Kuhmoinen	58 074	98.9	368	0.6	309	0.5	58 751	100.0
312 Kyyjärvi	33 073	86.2	2 705	7.1	2 610	6.8	38 388	100.0
410 Laukaa	49 228	99.0	228	0.5	269	0.5	49 725	100.0
435 Luhanka	18 348	98.9	77	0.4	123	0.7	18 548	100.0
495 Multia	62 453	94.3	2 295	3.5	1 467	2.2	66 215	100.0
500 Muurame	11 393	99.1	44	0.4	55	0.5	11 492	100.0
592 Petäjävesi	38 066	97.7	576	1.5	317	0.8	38 960	100.0
601 Pihtipudas	86 623	93.0	3 184	3.4	3 306	3.6	93 113	100.0
729 Saarijärvi	101 172	95.7	2 736	2.6	1 768	1.7	105 677	100.0
850 Toivakka	30 653	98.5	229	0.7	225	0.7	31 108	100.0
892 Uurainen	28 320	95.8	750	2.5	492	1.7	29 561	100.0
931 Viitasaari	106 014	97.1	1 733	1.6	1 462	1.3	109 208	100.0
992 Äänekoski	74 000	98.4	703	0.9	473	0.6	75 175	100.0
Total	1 374 861	96.2	29 612	2.1	24 355	1.7	1 428 827	100.0
Pohjois-Savo								
140 Iisalmi	55 442	98.4	395	0.7	497	0.9	56 334	100.0
174 Juankoski	35 357	98.7	223	0.6	229	0.6	35 809	100.0
204 Kaavi	58 611	98.4	578	1.0	390	0.7	59 579	100.0
239 Keitele	40 330	96.9	664	1.6	646	1.6	41 640	100.0
263 Kiuruvesi	95 511	94.7	2 979	3.0	2 372	2.4	100 862	100.0
297 Kuopio	184 526	98.6	1 030	0.6	1 571	0.8	187 127	100.0
402 Lapinlahti	83 689	97.6	946	1.1	1 100	1.3	85 735	100.0
420 Leppävirta	96 017	98.8	366	0.4	784	0.8	97 168	100.0
476 Maaninka	33 844	98.0	213	0.6	487	1.4	34 544	100.0
595 Pielavesi	94 611	96.9	1 392	1.4	1 655	1.7	97 658	100.0
686 Rautalampi	44 434	99.0	205	0.5	258	0.6	44 898	100.0
687 Rautavaara	97 063	90.1	4 847	4.5	5 806	5.4	107 715	100.0
749 Siilinjärvi	26 469	98.5	99	0.4	292	1.1	26 860	100.0
762 Sonkajärvi	120 132	92.1	4 894	3.8	5 417	4.2	130 444	100.0
778 Suonenjoki	60 345	98.5	453	0.7	486	0.8	61 284	100.0
844 Tervo	29 669	98.5	167	0.6	293	1.0	30 129	100.0
857 Tuusniemi	45 735	99.0	199	0.4	265	0.6	46 199	100.0
915 Varkaus	31 938	98.5	157	0.5	322	1.0	32 417	100.0
921 Vesanto	35 167	98.8	181	0.5	261	0.7	35 610	100.0
925 Vieremä	69 580	93.6	2 557	3.4	2 197	3.0	74 333	100.0
Total	1 338 470	96.6	22 545	1.6	25 331	1.8	1 386 346	100.0
Pohjois-Karjala								
146 Ilomantsi	218 533	84.1	18 762	7.2	22 652	8.7	259 947	100.0
167 Joensuu	202 972	96.5	3 656	1.7	3 689	1.8	210 317	100.0
176 Juuka	130 339	95.3	3 297	2.4	3 155	2.3	136 791	100.0
260 Kitee	98 995	97.0	1 379	1.4	1 733	1.7	102 106	100.0
276 Kontiolahti	68 414	97.5	877	1.3	911	1.3	70 202	100.0
309 Outokumpu	35 667	98.3	351	1.0	271	0.8	36 289	100.0
422 Lieksa	293 537	92.5	11 771	3.7	11 998	3.8	317 306	100.0
426 Liperi	52 728	99.1	129	0.2	372	0.7	53 228	100.0
541 Nurmes	137 306	94.5	4 616	3.2	3 358	2.3	145 280	100.0
607 Polvijärvi	61 641	95.1	1 318	2.0	1 869	2.9	64 827	100.0
707 Rääkkylä	32 876	97.0	276	0.8	748	2.2	33 900	100.0
848 Tohmajärvi	65 177	97.2	1 019	1.5	843	1.3	67 040	100.0
911 Valtimo	67 444	95.6	1 995	2.8	1 089	1.5	70 528	100.0
Total	1 465 629	93.5	49 446	3.2	52 686	3.4	1 567 761	100.0
Kainuu								
105 Hyrynsalmi	115 420	85.3	10 939	8.1	9 019	6.7	135 378	100.0
205 Kajaani	144 497	87.5	11 486	7.0	9 239	5.6	165 222	100.0
290 Kuhmo	396 465	86.1	31 760	6.9	32 317	7.0	460 542	100.0
578 Paltamo	76 892	92.0	4 183	5.0	2 516	3.0	83 590	100.0
620 Puolanka	192 610	81.5	24 306	10.3	19 476	8.2	236 392	100.0

Table 1a. Area and proportion of land classes on forestry land by Forest Centre regions.

Forest Centre region Municipality	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
697 Ristijärvi	70 972	89.8	4 598	5.8	3 473	4.4	79 043	100.0
765 Sotkamo	222 962	92.0	11 458	4.7	8 045	3.3	242 464	100.0
777 Suomussalmi	405 417	80.0	53 959	10.7	47 182	9.3	506 557	100.0
785 Vaala	85 985	74.5	15 169	13.2	14 199	12.3	115 353	100.0
Total	1 711 219	84.5	167 857	8.3	145 466	7.2	2 024 542	100.0
Pohjois-Pohjanmaa								
009 Alavieska	16 108	91.6	844	4.8	632	3.6	17 584	100.0
069 Haapajärvi	57 097	92.3	2 417	3.9	2 367	3.8	61 881	100.0
071 Haapavesi	76 002	88.9	5 090	6.0	4 424	5.2	85 516	100.0
072 Hailuoto	14 683	88.5	907	5.5	997	6.0	16 588	100.0
208 Kalajoki	63 398	90.8	3 969	5.7	2 433	3.5	69 800	100.0
139 Ii	103 009	73.6	17 242	12.3	19 750	14.1	140 001	100.0
244 Kempele	5 625	84.1	528	7.9	536	8.0	6 689	100.0
305 Kuusamo	360 850	76.9	57 577	12.3	50 630	10.8	469 057	100.0
317 Kärsämäki	52 170	89.9	3 399	5.9	2 496	4.3	58 065	100.0
425 Liminka	37 222	73.3	6 377	12.6	7 187	14.2	50 787	100.0
436 Lumijoki	12 216	86.6	1 080	7.7	809	5.7	14 105	100.0
483 Merijärvi	17 361	94.0	722	3.9	383	2.1	18 466	100.0
494 Muhos	48 628	73.1	9 204	13.8	8 740	13.1	66 571	100.0
535 Nivala	29 986	95.4	751	2.4	697	2.2	31 434	100.0
563 Oulainen	44 229	92.2	2 268	4.7	1 451	3.0	47 948	100.0
564 Oulu	199 149	76.3	32 241	12.4	29 541	11.3	260 931	100.0
615 Pudasjärvi	365 989	67.7	77 207	14.3	97 207	18.0	540 403	100.0
625 Pyhäjoki	41 649	91.5	2 250	5.0	1 599	3.5	45 498	100.0
626 Pyhäsalmi	106 690	91.1	5 056	4.3	5 313	4.5	117 059	100.0
630 Pyhäntä	58 676	78.5	7 540	10.1	8 488	11.4	74 705	100.0
678 Raahе	72 297	88.1	5 647	6.9	4 095	5.0	82 039	100.0
691 Reisjärvi	33 556	90.5	1 972	5.3	1 568	4.2	37 095	100.0
746 Sievi	53 856	83.9	4 794	7.5	5 563	8.7	64 214	100.0
748 Siikajoki	68 017	84.5	6 467	8.0	6 055	7.5	80 539	100.0
791 Siikalatva	154 066	81.7	18 414	9.8	16 032	8.5	188 512	100.0
832 Taivalkoski	180 590	76.9	26 617	11.3	27 678	11.8	234 885	100.0
859 Tyrnävä	27 290	79.4	3 820	11.1	3 264	9.5	34 374	100.0
889 Utajärvi	104 154	67.5	21 470	13.9	28 754	18.6	154 378	100.0
977 Ylivieska	41 041	93.3	1 658	3.8	1 286	2.9	43 985	100.0
Total	2 445 604	78.6	327 528	10.5	339 975	10.9	3 113 107	100.0
Lapland								
047 Enontekiö	97 212	12.4	179 483	22.9	507 685	64.7	784 380	100.0
148 Inari	712 475	48.0	332 684	22.4	438 205	29.5	1 483 364	100.0
240 Kemi	6 672	95.7	88	1.3	212	3.0	6 972	100.0
241 Keminmaa	45 196	80.1	4 194	7.4	7 063	12.5	56 453	100.0
261 Kittilä	456 149	57.6	149 167	18.8	187 036	23.6	792 352	100.0
273 Kolari	167 527	68.5	45 977	18.8	30 959	12.7	244 462	100.0
320 Kemijärvi	254 795	75.7	45 196	13.4	36 441	10.8	336 432	100.0
498 Muonio	127 779	68.8	27 644	14.9	30 308	16.3	185 731	100.0
583 Pelkosenniemi	115 790	65.0	30 666	17.2	31 685	17.8	178 141	100.0
614 Posio	208 451	71.9	41 542	14.3	39 898	13.8	289 890	100.0
683 Ranua	203 848	62.4	62 200	19.0	60 669	18.6	326 717	100.0
698 Rovaniemi	546 857	76.0	106 109	14.7	66 853	9.3	719 819	100.0
732 Salla	377 345	67.9	90 645	16.3	87 787	15.8	555 777	100.0
742 Savukoski	443 496	69.9	98 478	15.5	92 178	14.5	634 152	100.0
751 Simo	88 673	65.7	17 886	13.3	28 457	21.1	135 016	100.0
758 Sodankylä	664 322	58.0	178 360	15.6	303 463	26.5	1 146 146	100.0
845 Tervola	107 909	75.1	19 788	13.8	15 928	11.1	143 625	100.0
851 Tornio	80 522	79.2	10 989	10.8	10 132	10.0	101 643	100.0
854 Pello	133 416	81.1	20 906	12.7	10 274	6.2	164 596	100.0
890 Utsjoki	12 315	2.4	77 964	15.4	417 370	82.2	507 649	100.0
976 Ylitornio	138 977	73.3	30 678	16.2	19 864	10.5	189 519	100.0
Total	4 989 724	55.6	1 570 644	17.5	2 422 467	27.0	8 982 835	100.0

Table 1b. Area and proportion of land classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
Åland								
035 Brändö	4 535	49.4	1 634	17.8	3 006	32.8	9 174	100.0
043 Eckerö	5 845	67.2	1 617	18.6	1 237	14.2	8 699	100.0
060 Finström	6 647	77.3	1 305	15.2	647	7.5	8 599	100.0
062 Föglö	7 450	68.6	2 016	18.6	1 399	12.9	10 865	100.0
065 Geta	3 512	52.9	1 795	27.1	1 329	20.0	6 636	100.0
076 Hammarland	7 279	70.5	1 774	17.2	1 272	12.3	10 325	100.0
170 Jomala	7 366	81.5	1 116	12.4	553	6.1	9 035	100.0
295 Kumlinge	4 180	50.1	1 704	20.4	2 462	29.5	8 346	100.0
318 Kökar	1 351	25.7	856	16.3	3 056	58.1	5 263	100.0
417 Lemland	6 602	75.8	1 229	14.1	883	10.1	8 714	100.0
438 Lumparland	2 029	73.5	574	20.8	158	5.7	2 761	100.0
478 Mariehamn-Maarianhamina	346	68.2	106	21.0	55	10.8	506	100.0
736 Saltvik	6 894	63.5	2 507	23.1	1 465	13.5	10 866	100.0
766 Sottunga	966	41.8	467	20.2	880	38.1	2 313	100.0
771 Sund	5 651	72.5	1 653	21.2	496	6.4	7 800	100.0
941 Vårdö	4 589	54.2	2 023	23.9	1 854	21.9	8 466	100.0
Total	75 242	63.6	22 376	18.9	20 752	17.5	118 370	100.0
Rannikko/Etelärannikko								
049 Espoo-Esbo	13 555	92.6	821	5.6	262	1.8	14 638	100.0
078 Hanko-Hangö	5 993	78.6	1 396	18.3	233	3.1	7 622	100.0
091 Helsinki-Helsingfors	6 631	86.0	614	8.0	467	6.1	7 713	100.0
092 Vantaa-Vanda	8 752	93.6	261	2.8	338	3.6	9 351	100.0
149 Ingå-Inkoo	19 249	87.5	2 406	10.9	333	1.5	21 987	100.0
235 Kauniainen-Grankulla	163	92.3	11	6.3	3	1.5	177	100.0
257 Kirkkonummi-Kyrkslätt	18 954	88.5	2 107	9.8	349	1.6	21 410	100.0
322 Kemiönsaari	35 687	74.0	9 864	20.5	2 680	5.6	48 231	100.0
407 Lapinjärvi-Lappträsk	19 009	97.7	399	2.1	41	0.2	19 449	100.0
434 Loviisa-Lovisa	52 590	95.9	1 820	3.3	449	0.8	54 860	100.0
445 Länsi-Turunmaa	44 187	71.7	12 519	20.3	4 912	8.0	61 617	100.0
638 Porvoo-Borgå	38 086	95.3	1 534	3.8	367	0.9	39 987	100.0
710 Raasepori	68 502	87.9	8 607	11.1	799	1.0	77 908	100.0
753 Sipoo-Sibbo	17 722	95.0	698	3.7	232	1.2	18 652	100.0
755 Siuntio-Sjundeå	12 730	93.3	820	6.0	101	0.7	13 651	100.0
Total	361 810	86.7	43 878	10.5	11 563	2.8	417 251	100.0
Rannikko/Pohjanmaan rannikko								
231 Kaskinen-Kaskö	630	89.0	20	2.8	59	8.3	709	100.0
272 Kokkola-Karleby Rannikko	21 126	96.8	354	1.6	336	1.5	21 816	100.0
280 Korsnäs	16 607	95.3	363	2.1	452	2.6	17 422	100.0
287 Kristinestad-	49 592	94.4	1 169	2.2	1 756	3.3	52 516	100.0
288 Kronoby-Kruunupyö	49 772	91.8	2 204	4.1	2 265	4.2	54 240	100.0
440 Larsmo-Luoto	9 638	93.7	333	3.2	313	3.1	10 284	100.0
475 Malax-Maalathi	34 404	92.3	1 216	3.3	1 648	4.4	37 269	100.0
499 Korsholm-Mustasaari	53 337	94.3	1 228	2.2	1 970	3.5	56 535	100.0
545 Närpes-Närpiö	64 347	93.8	1 887	2.8	2 367	3.5	68 601	100.0
598 Jakobstad-Pietarsaari	5 393	92.7	218	3.7	208	3.6	5 820	100.0
599 Pedersöre-Pedersören kunta	54 969	94.1	1 929	3.3	1 527	2.6	58 424	100.0
893 Nykarleby-Uusikaarlepyy	48 985	93.5	1 611	3.1	1 782	3.4	52 378	100.0
905 Vaasa-Vasa	18 975	95.6	371	1.9	494	2.5	19 840	100.0
946 Vörå-Vöyri	51 219	94.1	1 424	2.6	1 796	3.3	54 438	100.0
Total	478 995	93.9	14 325	2.8	16 972	3.3	510 291	100.0
Lounais-Suomi								
019 Aura	3 885	96.3	122	3.0	26	0.6	4 032	100.0
050 Eura	34 405	96.7	950	2.7	223	0.6	35 577	100.0
051 Eurajoki	20 780	98.0	424	2.0	0	0.0	21 204	100.0
079 Harjavalta	7 148	94.9	359	4.8	28	0.4	7 535	100.0
099 Honkajoki	18 864	88.1	1 674	7.8	877	4.1	21 415	100.0
102 Huittinen	25 861	97.4	462	1.7	221	0.8	26 544	100.0
181 Jämijärvi	13 091	95.3	371	2.7	274	2.0	13 735	100.0
202 Kaarina	6 316	93.0	414	6.1	65	1.0	6 796	100.0
214 Kankaanpää	46 639	92.9	2 078	4.1	1 482	3.0	50 199	100.0
230 Karvia	28 349	88.3	2 428	7.6	1 343	4.2	32 120	100.0
271 Kokemäki	28 719	96.8	774	2.6	189	0.6	29 681	100.0
284 Koski T.I.	7 992	97.0	160	1.9	91	1.1	8 243	100.0
304 Kustavi	8 653	71.4	2 499	20.6	965	8.0	12 118	100.0
319 Köyliö	14 410	94.2	564	3.7	324	2.1	15 297	100.0
400 Laitila	31 795	92.4	1 847	5.4	763	2.2	34 406	100.0
413 Lavia	23 800	96.0	637	2.6	346	1.4	24 783	100.0
423 Lieto	8 512	93.4	546	6.0	59	0.7	9 118	100.0
430 Loimaa	32 822	97.0	652	1.9	368	1.1	33 841	100.0
442 Luvia	11 698	98.0	218	1.8	19	0.2	11 936	100.0
480 Marttila	8 852	93.0	429	4.5	239	2.5	9 520	100.0

Table 1b. Area and proportion of land classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
481 Masku	7 807	92.9	510	6.1	90	1.1	8 407	100.0
484 Merikarvia	33 741	94.3	835	2.3	1 213	3.4	35 790	100.0
503 Mynämäki	30 007	93.2	1 579	4.9	612	1.9	32 197	100.0
529 Naantali	15 878	77.9	3 806	18.7	709	3.5	20 393	100.0
531 Nakkila	9 522	99.3	71	0.7	0	0.0	9 592	100.0
538 Nousiainen	9 849	91.5	859	8.0	56	0.5	10 764	100.0
561 Oripää	4 928	94.7	230	4.4	47	0.9	5 205	100.0
577 Paimio	11 577	92.5	866	6.9	78	0.6	12 521	100.0
608 Pomarkku	22 660	94.4	740	3.1	594	2.5	23 994	100.0
609 Pori	52 399	97.5	1 084	2.0	262	0.5	53 745	100.0
631 Pyhäranta	9 791	93.6	519	5.0	150	1.4	10 459	100.0
636 Pöytyä	40 828	93.9	1 730	4.0	912	2.1	43 471	100.0
680 Raisio	1 844	89.2	182	8.8	42	2.1	2 069	100.0
684 Rauma	31 078	93.9	1 663	5.0	372	1.1	33 113	100.0
704 Rusko	6 011	95.2	260	4.1	41	0.6	6 312	100.0
734 Salo	106 168	92.6	7 367	6.4	1 181	1.0	114 716	100.0
738 Sauvo	12 489	88.9	1 465	10.4	91	0.6	14 044	100.0
747 Siikainen	33 154	89.8	2 112	5.7	1 661	4.5	36 927	100.0
761 Somero	32 984	97.7	594	1.8	197	0.6	33 775	100.0
783 Säkyä	9 347	95.4	324	3.3	124	1.3	9 794	100.0
833 Taivassalo	6 702	79.1	1 439	17.0	329	3.9	8 470	100.0
838 Tarvasjoki	4 296	96.6	119	2.7	32	0.7	4 447	100.0
853 Turku-Abo	9 126	90.6	768	7.6	175	1.7	10 068	100.0
886 Ulvila	27 381	98.3	478	1.7	0	0.0	27 858	100.0
895 Uusikaupunki	29 686	88.2	3 052	9.1	910	2.7	33 648	100.0
918 Vehmaa	10 188	91.3	690	6.2	284	2.5	11 162	100.0
Total	952 028	93.2	50 950	5.0	18 064	1.8	1 021 042	100.0
Häme-Uusimaa								
016 Asikkala	40 633	98.8	315	0.8	187	0.5	41 134	100.0
018 Askola	11 500	97.9	188	1.6	55	0.5	11 742	100.0
061 Forssa	13 665	97.2	225	1.6	171	1.2	14 062	100.0
081 Hartola	44 223	98.1	488	1.1	365	0.8	45 076	100.0
082 Hattula	22 872	97.6	369	1.6	203	0.9	23 445	100.0
086 Hausjärvi	20 639	98.0	327	1.6	105	0.5	21 071	100.0
098 Hollola	28 648	98.8	183	0.6	156	0.5	28 987	100.0
103 Humppila	7 245	97.0	131	1.8	94	1.3	7 470	100.0
106 Hyvinkää	18 786	96.8	487	2.5	145	0.7	19 417	100.0
109 Hämeenlinna	125 477	98.5	1 278	1.0	694	0.5	127 449	100.0
111 Heinola	56 339	98.6	575	1.0	229	0.4	57 143	100.0
165 Janakkala	33 051	97.7	539	1.6	231	0.7	33 821	100.0
169 Jokioinen	7 966	98.5	82	1.0	43	0.5	8 092	100.0
186 Järvenpää	1 230	96.1	20	1.5	30	2.4	1 280	100.0
224 Karkkila	16 523	98.2	282	1.7	17	0.1	16 822	100.0
245 Kerava	1 185	94.5	26	2.1	43	3.5	1 254	100.0
283 Hämeenkoski	11 729	98.9	66	0.6	66	0.6	11 860	100.0
316 Kärkölä	13 686	97.3	260	1.9	122	0.9	14 068	100.0
398 Lahti	6 241	98.6	45	0.7	43	0.7	6 329	100.0
433 Loppi	41 350	97.4	895	2.1	223	0.5	42 469	100.0
444 Lohja	57 399	96.8	1 645	2.8	246	0.4	59 290	100.0
504 Myrskylä-Mörskom	11 918	97.6	238	2.0	56	0.5	12 211	100.0
505 Mäntsälä	33 908	97.6	642	1.9	184	0.5	34 734	100.0
532 Nastola	21 374	97.6	282	1.3	242	1.1	21 898	100.0
543 Nurmijärvi	17 347	96.5	451	2.5	173	1.0	17 971	100.0
560 Orimattila	43 316	98.2	519	1.2	289	0.7	44 123	100.0
576 Padasjoki	40 954	98.5	467	1.1	169	0.4	41 589	100.0
611 Pornainen	8 068	97.6	182	2.2	18	0.2	8 268	100.0
616 Pukkila	7 050	98.3	86	1.2	35	0.5	7 170	100.0
694 Riihimäki	6 490	97.7	98	1.5	53	0.8	6 641	100.0
781 Sysmä	52 738	98.9	316	0.6	258	0.5	53 312	100.0
834 Tammela	41 474	96.5	958	2.2	528	1.2	42 960	100.0
858 Tuusula	10 296	97.4	182	1.7	96	0.9	10 573	100.0
927 Vihti	28 870	97.0	744	2.5	154	0.5	29 768	100.0
981 Ypäjä	7 903	98.1	111	1.4	45	0.6	8 059	100.0
Total	912 090	97.9	13 702	1.5	5 766	0.6	931 558	100.0
Kaakkois-Suomi								
075 Hamina	42 655	97.3	771	1.8	432	1.0	43 858	100.0
142 Iitti	38 020	97.5	774	2.0	216	0.6	39 010	100.0
153 Imatra	9 413	99.2	44	0.5	37	0.4	9 493	100.0
285 Kotka	16 722	97.1	368	2.1	134	0.8	17 224	100.0
286 Kouvola	166 173	97.7	2 671	1.6	1 222	0.7	170 066	100.0
405 Lappeenranta	98 426	98.0	1 087	1.1	954	1.0	100 466	100.0
416 Lemi	15 106	97.5	110	0.7	271	1.8	15 487	100.0

Table 1b. Area and proportion of land classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
441 Luumäki	57 152	97.2	1 023	1.7	616	1.1	58 791	100.0
489 Miehikkälä	31 065	97.4	488	1.5	350	1.1	31 903	100.0
580 Parikkala	42 909	98.7	295	0.7	252	0.6	43 456	100.0
624 Pyhtää-Pyttis	20 594	96.6	575	2.7	157	0.7	21 326	100.0
689 Rautjärvi	28 648	98.7	242	0.8	145	0.5	29 035	100.0
700 Ruokolahti	81 384	98.2	762	0.9	771	0.9	82 916	100.0
739 Savitaipale	42 500	97.6	536	1.2	490	1.1	43 526	100.0
831 Taipalsaari	27 064	98.1	255	0.9	265	1.0	27 585	100.0
935 Virolahti	25 680	96.5	542	2.0	388	1.5	26 609	100.0
Total	743 509	97.7	10 542	1.4	6 699	0.9	760 750	100.0
Pirkanmaa								
020 Akaa	16 238	98.4	141	0.9	126	0.8	16 505	100.0
108 Hämeenkyrö	31 581	97.6	548	1.7	226	0.7	32 355	100.0
143 Ikaalinen	56 126	96.6	1 340	2.3	640	1.1	58 106	100.0
177 Juupajoki	20 639	98.4	208	1.0	124	0.6	20 971	100.0
211 Kangasala	45 514	98.5	383	0.8	292	0.6	46 189	100.0
250 Kihniö	27 055	94.3	1 068	3.7	583	2.0	28 706	100.0
418 Lempäälä	17 400	98.5	142	0.8	118	0.7	17 660	100.0
508 Mänttä-Vilppula	43 295	98.5	384	0.9	285	0.7	43 965	100.0
536 Nokia	18 785	98.9	137	0.7	80	0.4	19 001	100.0
562 Orivesi	62 664	98.7	453	0.7	344	0.5	63 461	100.0
581 Parkano	63 821	92.4	3 457	5.0	1 787	2.6	69 065	100.0
604 Pirkkala	4 832	98.8	39	0.8	22	0.5	4 893	100.0
619 Punkalaidun	18 664	97.3	258	1.4	258	1.4	19 180	100.0
635 Pälkäne	41 076	99.0	199	0.5	204	0.5	41 479	100.0
702 Ruovesi	58 097	98.5	603	1.0	296	0.5	58 995	100.0
790 Sastamala	95 804	97.5	1 585	1.6	839	0.9	98 228	100.0
837 Tampere	37 150	98.8	292	0.8	158	0.4	37 601	100.0
887 Urjala	29 310	97.5	388	1.3	355	1.2	30 053	100.0
908 Valkeakoski	15 931	98.5	125	0.8	125	0.8	16 182	100.0
922 Vesilahti	20 592	98.6	167	0.8	137	0.7	20 896	100.0
936 Virrat	91 170	95.6	2 678	2.8	1 518	1.6	95 366	100.0
980 Ylöjärvi	86 682	97.0	1 847	2.1	831	0.9	89 359	100.0
Total	902 426	97.2	16 442	1.8	9 350	1.0	928 218	100.0
Etelä-Savo								
046 Enonkoski	22 769	99.0	116	0.5	108	0.5	22 992	100.0
090 Heinävesi	88 037	99.0	424	0.5	459	0.5	88 919	100.0
097 Hirvensalmi	36 652	98.1	431	1.2	278	0.7	37 362	100.0
171 Joroinen	43 519	97.2	487	1.1	747	1.7	44 753	100.0
178 Juva	94 246	97.5	1 329	1.4	1 132	1.2	96 707	100.0
213 Kangasniemi	90 795	97.8	988	1.1	1 012	1.1	92 795	100.0
491 Mikkeli	206 926	97.8	2 452	1.2	2 294	1.1	211 672	100.0
507 Mäntyharju	82 894	97.9	1 264	1.5	476	0.6	84 634	100.0
588 Pertunmaa	31 148	98.4	331	1.1	161	0.5	31 641	100.0
593 Pieksämäki	130 449	97.9	1 562	1.2	1 180	0.9	133 191	100.0
623 Puumala	66 340	98.4	608	0.9	441	0.7	67 390	100.0
681 Rantasalmi	40 599	98.1	321	0.8	454	1.1	41 374	100.0
740 Savonlinna	179 356	98.5	1 425	0.8	1 392	0.8	182 173	100.0
768 Sulkava	48 979	98.5	421	0.9	327	0.7	49 727	100.0
Total	1 162 709	98.1	12 160	1.0	10 461	0.9	1 185 329	100.0
Etelä-Pohjanmaa								
005 Alajärvi	71 404	91.2	4 184	5.3	2 729	3.5	78 317	100.0
010 Alavus	74 738	92.8	3 621	4.5	2 163	2.7	80 521	100.0
052 Evijärvi	23 559	87.7	1 736	6.5	1 559	5.8	26 854	100.0
074 Halsua	26 946	79.1	3 382	9.9	3 748	11.0	34 076	100.0
145 Ilmajoki	32 696	93.9	1 259	3.6	854	2.5	34 809	100.0
151 Isojoki	42 699	87.9	2 766	5.7	3 113	6.4	48 578	100.0
152 Isokyrö	19 272	93.1	759	3.7	661	3.2	20 692	100.0
164 Jalasjärvi	48 937	90.0	2 752	5.1	2 687	4.9	54 377	100.0
217 Kannus	31 752	89.0	2 395	6.7	1 528	4.3	35 675	100.0
218 Karijoki	12 277	92.4	515	3.9	496	3.7	13 288	100.0
232 Kauhajoki	75 135	86.3	6 783	7.8	5 149	5.9	87 068	100.0
233 Kauhava	76 249	92.7	3 570	4.3	2 456	3.0	82 275	100.0
236 Kaustinen	22 960	88.8	1 647	6.4	1 244	4.8	25 851	100.0
272 Kokkola-Karleby E-	72 122	87.4	5 639	6.8	4 803	5.8	82 564	100.0
300 Kuortane	31 846	93.3	1 357	4.0	926	2.7	34 129	100.0
301 Kurikka	58 418	93.1	2 511	4.0	1 854	3.0	62 783	100.0
399 Laihia	32 297	95.0	945	2.8	769	2.3	34 011	100.0
403 Lappajärvi	28 638	89.5	1 802	5.6	1 546	4.8	31 986	100.0
408 Lapua	42 247	90.5	2 253	4.8	2 165	4.6	46 665	100.0
421 Lestijärvi	32 124	82.4	2 793	7.2	4 057	10.4	38 974	100.0
584 Perho	46 069	79.9	5 243	9.1	6 347	11.0	57 658	100.0

Table 1b. Area and proportion of land classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
743 Seinäjoki	85 461	90.3	4 723	5.0	4 472	4.7	94 656	100.0
759 Soini	40 985	88.7	2 970	6.4	2 254	4.9	46 209	100.0
846 Teuva	35 861	92.4	1 671	4.3	1 270	3.3	38 801	100.0
849 Toholampi	37 644	83.0	3 416	7.5	4 286	9.5	45 346	100.0
924 Veteli	30 479	84.5	2 850	7.9	2 734	7.6	36 063	100.0
934 Vimpeli	18 292	87.5	1 437	6.9	1 169	5.6	20 898	100.0
989 Ahtäri	64 600	93.7	2 824	4.1	1 553	2.3	68 977	100.0
Total	1 215 703	89.3	77 804	5.7	68 593	5.0	1 362 100	100.0
Keski-Suomi								
077 Hankasalmi	44 792	98.9	234	0.5	253	0.6	45 279	100.0
172 Joutsa	69 025	98.2	689	1.0	598	0.9	70 311	100.0
179 Jyväskylä	92 146	98.7	639	0.7	550	0.6	93 335	100.0
182 Jämsä	129 848	98.5	1 133	0.9	851	0.7	131 832	100.0
216 Kannonkoski	37 421	96.6	955	2.5	381	1.0	38 757	100.0
226 Karstula	68 218	92.7	3 261	4.4	2 147	2.9	73 625	100.0
249 Keuruu	106 010	96.6	2 350	2.1	1 403	1.3	109 763	100.0
256 Kinnula	35 655	92.7	1 843	4.8	949	2.5	38 447	100.0
265 Kivijärvi	38 001	94.7	1 381	3.4	741	1.9	40 123	100.0
275 Konnevesi	42 521	99.1	164	0.4	203	0.5	42 889	100.0
291 Kuhmoinen	54 218	98.8	349	0.6	293	0.5	54 859	100.0
312 Kyyjärvi	32 373	90.6	2 235	6.3	1 140	3.2	35 748	100.0
410 Laukaa	48 874	99.0	224	0.5	255	0.5	49 353	100.0
435 Luhanka	17 707	99.1	73	0.4	92	0.5	17 872	100.0
495 Multia	62 047	94.8	2 235	3.4	1 185	1.8	65 467	100.0
500 Muurame	10 498	99.1	41	0.4	52	0.5	10 591	100.0
592 Petäjävesi	37 962	97.8	568	1.5	293	0.8	38 823	100.0
601 Pihtipudas	84 229	95.3	2 422	2.7	1 772	2.0	88 423	100.0
729 Saarijärvi	99 059	96.1	2 525	2.5	1 459	1.4	103 043	100.0
850 Toivakka	30 016	98.7	208	0.7	175	0.6	30 398	100.0
892 Uurainen	28 208	96.1	730	2.5	419	1.4	29 358	100.0
931 Viitasaari	104 866	97.5	1 530	1.4	1 119	1.0	107 515	100.0
992 Äänekoski	73 012	98.5	684	0.9	436	0.6	74 131	100.0
Total	1 346 706	96.9	26 472	1.9	16 766	1.2	1 389 943	100.0
Pohjois-Savo								
140 Ilalmpi	55 203	98.5	393	0.7	458	0.8	56 053	100.0
174 Juankoski	35 144	98.7	222	0.6	229	0.6	35 595	100.0
204 Kaavi	57 878	98.4	563	1.0	362	0.6	58 802	100.0
239 Keitele	40 081	97.1	631	1.5	550	1.3	41 262	100.0
263 Kiuruvesi	94 831	95.2	2 929	2.9	1 844	1.9	99 605	100.0
297 Kuopio	181 406	98.8	983	0.5	1 318	0.7	183 707	100.0
402 Lapinlahti	82 328	98.0	872	1.0	806	1.0	84 005	100.0
420 Leppävirta	93 397	98.8	356	0.4	755	0.8	94 508	100.0
476 Maaninka	33 649	98.4	207	0.6	356	1.0	34 212	100.0
595 Pielavesi	94 239	97.1	1 327	1.4	1 473	1.5	97 039	100.0
686 Rautalampi	42 099	99.0	190	0.5	220	0.5	42 510	100.0
687 Rautavaara	90 703	92.9	4 014	4.1	2 949	3.0	97 666	100.0
749 Sillinjärvi	26 292	98.6	97	0.4	265	1.0	26 653	100.0
762 Sonkajärvi	117 710	93.6	4 402	3.5	3 661	2.9	125 772	100.0
778 Suonenjoki	58 988	98.7	405	0.7	381	0.6	59 774	100.0
844 Tervo	28 937	98.5	166	0.6	281	1.0	29 384	100.0
857 Tuusniemi	44 977	99.1	198	0.4	232	0.5	45 407	100.0
915 Varkaus	30 545	98.7	152	0.5	266	0.9	30 962	100.0
921 Vesanto	34 943	99.0	166	0.5	199	0.6	35 308	100.0
925 Vieremä	67 959	94.7	2 312	3.2	1 525	2.1	71 796	100.0
Total	1 311 311	97.1	20 582	1.5	18 129	1.3	1 350 021	100.0
Pohjois-Karjala								
146 Ilomantsi	205 703	88.2	15 223	6.5	12 358	5.3	233 284	100.0
167 Joensuu	201 113	96.9	3 329	1.6	3 125	1.5	207 567	100.0
176 Juuka	128 180	95.6	3 139	2.3	2 791	2.1	134 110	100.0
260 Kitee	98 232	97.6	1 216	1.2	1 236	1.2	100 684	100.0
276 Kontiolahti	66 604	97.8	815	1.2	679	1.0	68 098	100.0
309 Outokumpu	35 264	98.3	348	1.0	264	0.7	35 876	100.0
422 Lieksa	274 020	94.1	9 982	3.4	7 194	2.5	291 195	100.0
426 Liperi	52 134	99.2	118	0.2	331	0.6	52 582	100.0
541 Nurmes	132 009	94.8	4 241	3.1	2 940	2.1	139 190	100.0
607 Polvijärvi	60 649	97.0	1 047	1.7	825	1.3	62 521	100.0
707 Rääkkylä	32 486	97.8	265	0.8	471	1.4	33 222	100.0
848 Tohmajärvi	64 763	97.7	916	1.4	610	0.9	66 289	100.0
911 Valtimo	66 065	95.9	1 911	2.8	915	1.3	68 891	100.0
Total	1 417 222	94.9	42 549	2.9	33 738	2.3	1 493 509	100.0
Kainuu								
105 Hyrynsalmi	109 333	86.7	10 071	8.0	6 758	5.4	126 162	100.0

Table 1b. Area and proportion of land classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Forest land		Poorly productive forest land		Unproductive land		Total	
	ha	%	ha	%	ha	%	ha	%
205 Kajaani	141 898	88.8	10 790	6.8	7 053	4.4	159 741	100.0
290 Kuhmo	363 087	87.6	27 267	6.6	24 279	5.9	414 634	100.0
578 Paltamo	76 449	92.3	4 105	5.0	2 266	2.7	82 819	100.0
620 Puolanka	180 502	82.1	22 738	10.3	16 598	7.6	219 838	100.0
697 Ristijärvi	70 184	90.4	4 473	5.8	3 026	3.9	77 683	100.0
765 Sotkamo	216 436	92.3	10 941	4.7	7 138	3.0	234 515	100.0
777 Suomussalmi	378 413	81.5	48 263	10.4	37 731	8.1	464 407	100.0
785 Vaala	83 606	78.1	13 898	13.0	9 620	9.0	107 124	100.0
Total	1 619 909	85.9	152 546	8.1	114 468	6.1	1 886 922	100.0
Pohjois-Pohjanmaa								
009 Alavieska	16 082	91.6	843	4.8	631	3.6	17 557	100.0
069 Haapajärvi	56 889	93.3	2 311	3.8	1 801	3.0	61 002	100.0
071 Haapavesi	75 046	90.8	4 492	5.4	3 080	3.7	82 619	100.0
072 Hailuoto	12 942	92.4	502	3.6	559	4.0	14 004	100.0
208 Kalajoki	61 643	91.6	3 833	5.7	1 835	2.7	67 311	100.0
139 Ii	101 161	76.1	16 076	12.1	15 764	11.9	133 000	100.0
244 Kempele	5 616	84.1	527	7.9	535	8.0	6 678	100.0
305 Kuusamo	322 654	77.4	51 331	12.3	42 699	10.3	416 685	100.0
317 Kärsämäki	51 990	90.1	3 389	5.9	2 329	4.0	57 708	100.0
425 Liminka	34 633	80.2	4 518	10.5	4 048	9.4	43 198	100.0
436 Lumijoki	11 795	89.8	844	6.4	497	3.8	13 137	100.0
483 Merijärvi	17 262	94.6	699	3.8	278	1.5	18 240	100.0
494 Muhos	47 193	75.6	8 079	12.9	7 197	11.5	62 469	100.0
535 Nivala	29 873	96.2	679	2.2	517	1.7	31 070	100.0
563 Oulainen	44 056	93.6	2 111	4.5	884	1.9	47 050	100.0
564 Oulu	194 558	78.0	30 427	12.2	24 335	9.8	249 320	100.0
615 Pudasjärvi	338 666	72.2	66 003	14.1	64 646	13.8	469 315	100.0
625 Pyhäjoki	41 370	91.7	2 239	5.0	1 509	3.4	45 118	100.0
626 Pyhäsalmi	105 979	92.1	4 858	4.2	4 294	3.7	115 131	100.0
630 Pyhäntä	56 919	81.0	6 737	9.6	6 594	9.4	70 250	100.0
678 Raahе	71 556	88.8	5 413	6.7	3 634	4.5	80 603	100.0
691 Reisjärvi	33 102	90.8	1 908	5.2	1 455	4.0	36 465	100.0
746 Sievi	53 490	85.9	4 422	7.1	4 328	7.0	62 240	100.0
748 Siikajoki	65 218	88.7	5 163	7.0	3 147	4.3	73 528	100.0
791 Siikalatva	150 812	85.2	15 837	8.9	10 466	5.9	177 116	100.0
832 Taivalkoski	166 112	77.1	24 541	11.4	24 940	11.6	215 593	100.0
859 Tyrnävä	27 287	79.4	3 817	11.1	3 256	9.5	34 360	100.0
889 Utajärvi	99 844	73.5	18 453	13.6	17 615	13.0	135 911	100.0
977 Ylivieska	40 976	94.1	1 610	3.7	951	2.2	43 536	100.0
Total	2 334 724	81.1	291 664	10.1	253 825	8.8	2 880 213	100.0
Lapland								
047 Enontekiö	65 075	25.2	66 489	25.7	127 225	49.2	258 789	100.0
148 Inari	377 120	63.6	113 807	19.2	101 895	17.2	592 822	100.0
240 Kemi	6 306	95.8	86	1.3	188	2.9	6 580	100.0
241 Keminmaa	42 532	82.3	3 757	7.3	5 394	10.4	51 684	100.0
261 Kittilä	372 331	61.5	112 723	18.6	120 796	19.9	605 850	100.0
273 Kolari	160 530	70.4	43 190	18.9	24 327	10.7	228 048	100.0
320 Kemijärvi	250 695	76.2	43 805	13.3	34 381	10.5	328 882	100.0
498 Muonio	102 105	68.7	22 388	15.1	24 237	16.3	148 731	100.0
583 Pelkosenniemi	104 505	69.5	24 947	16.6	20 912	13.9	150 364	100.0
614 Posio	180 076	72.2	35 201	14.1	34 199	13.7	249 476	100.0
683 Ranua	196 015	64.5	56 907	18.7	51 067	16.8	303 989	100.0
698 Rovaniemi	531 090	76.2	103 126	14.8	62 718	9.0	696 933	100.0
732 Salla	327 760	70.0	76 385	16.3	64 424	13.8	468 570	100.0
742 Savukoski	330 874	69.9	75 948	16.0	66 683	14.1	473 504	100.0
751 Simo	79 575	72.5	15 023	13.7	15 241	13.9	109 838	100.0
758 Sodankylä	496 539	62.9	126 739	16.1	166 356	21.1	789 635	100.0
845 Tervola	102 342	77.3	17 889	13.5	12 224	9.2	132 455	100.0
851 Tornio	79 276	80.1	10 611	10.7	9 143	9.2	99 030	100.0
854 Pello	130 010	81.3	20 337	12.7	9 529	6.0	159 875	100.0
890 Utsjoki	5 144	5.4	32 377	33.7	58 531	60.9	96 051	100.0
976 Ylitornio	134 264	75.4	28 344	15.9	15 512	8.7	178 120	100.0
Total	4 074 163	66.5	1 030 079	16.8	1 024 983	16.7	6 129 226	100.0

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land			Poorly productive forest land			Unproductive land			Total							
		Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha					
Åland		4 151	91.5	386	8.5	1 597	97.7	38	2.3	2 978	98.1	59	1.9	8 727	94.8	482	5.2	
035 Brändö		5 287	90.3	567	9.7	1 553	95.9	66	4.1	1 069	86.3	170	13.7	7 909	90.8	803	9.2	
043 Eckerö		6 116	91.6	558	8.4	1 262	96.6	44	3.4	531	82.1	116	17.9	7 909	91.7	718	8.3	
060 Finström		7 073	93.6	487	6.4	1 997	97.1	61	2.9	1 440	96.0	61	4.0	105 10.0	94.5	608	5.5	
062 Föglö		3 251	92.3	273	7.7	1 766	98.3	31	1.7	1 260	94.8	70	5.2	6 276	94.4	373	5.6	
065 Geta		6 616	90.6	688	9.4	1 716	95.8	74	4.2	1 154	89.8	131	10.2	9 487	91.4	894	8.6	
076 Hammarland		6 713	91.0	666	9.0	1 059	94.9	57	5.1	426	77.0	127	23	8 199	90.6	850	9.4	
295 Kumlinge		3 847	92.0	333	8.0	1 655	97.1	49	2.9	2 390	97.1	72	2.9	7 892	94.6	454	5.4	
318 Kökar		1 280	92.7	101	7.3	858	97.2	25	2.8	3 081	98.7	39	1.3	5 219	96.9	166	3.1	
417 Lemland		5 974	89.2	722	10.8	1 184	94.3	72	5.7	819	88.8	103	11.2	7 977	89.9	897	10.1	
438 Lumparland		1 908	93.3	136	6.7	563	97.9	12	2.1	1 444	91.2	14	8.8	2 615	94.2	162	5.8	
478 Mariehamn-Maarianhamina		328	93.7	22	6.3	105	98.8	1	1.2	50	89.9	6	10.1	484	94.4	29	5.6	
736 Saltvik		6 545	92.8	509	7.2	2 562	98.0	52	2.0	1 453	93.9	95	6.1	10 560	96.3	656	5.8	
766 Sottunga		905	93.7	61	6.3	460	98.5	7	1.5	863	98.1	17	1.9	2 228	94.2	85	3.7	
771 Sund		5 314	93.1	395	6.9	1 635	97.1	48	2.9	407	81.5	92	18.5	7 356	93.2	535	6.8	
941 Vårdö		4 278	93.1	319	6.9	1 977	97.4	53	2.6	1 798	96.7	62	3.3	8 053	94.9	434	5.1	
Total		69 585	91.8	6 224	8.2	21 950	97.0	689	3.0	19 864	94.2	1 234	5.8	111 400	93.2	8 146	6.8	
Rannikko/Etelärannikko		14 537	89.7	1 662	10.3	896	89.0	110	11.0	174	61.2	111	38.8	15 607	89.2	1 883	10.8	
049 Espoo-Esbo		6 017	89.0	744	11.0	1 600	95.7	72	4.3	300	83.8	58	16.2	7 918	90.1	874	9.9	
078 Hango-Hangö		6 449	91.3	614	8.7	617	98.0	12	2.0	441	89.6	51	10.4	7 507	91.7	678	8.3	
091 Helsinki-Heisingfors		8 815	89.1	1 083	10.9	234	77.1	70	22.9	246	71.2	100	28.8	9 296	88.1	1 252	11.9	
092 Vantaa-Vanda		18 207	90.8	1 851	9.2	2 378	92.9	181	7.1	238	57.3	178	42.7	20 823	90.4	2 210	9.6	
149 Ingå-Inkoo		154	84.2	29	15.8	14	92.7	1	7.3	2	75.7	1	24.3	170	84.7	31	15.3	
235 Kauniainen-Grankulla		18 956	89.1	2 320	10.9	2 181	87.7	305	12.3	310	53.9	265	46.1	21 447	88.1	2 890	11.9	
257 Kirkkonummi-Kyrkslätt		33 455	90.7	3 442	9.3	10 086	96.7	341	3.3	2 502	81.9	552	18.1	46 043	91.4	4 335	8.6	
322 Kemijärvi		17 070	89.6	1 975	10.4	282	70.4	119	29.6	0	0.0	41	100	17 352	89.0	2 135	11.0	
407 Lapinjärvi-Lapträsk		48 165	89.1	5 920	10.9	1 320	70.2	559	29.8	114	22.1	400	77.9	49 599	87.8	6 880	12.2	
434 Loviisa-Lovisa		43 938	93.9	2 845	6.1	13 454	98.6	193	1.4	6 043	94.8	332	5.2	63 435	95.0	3 370	5.0	
638 Porvoo-Borgå		35 778	91.2	3 432	8.8	1 331	81.6	301	18.4	174	38.9	273	61.1	37 283	90.3	4 006	9.7	
710 Raasepori		64 212	88.8	8 059	11.2	8 551	92.1	736	7.9	376	33.0	764	67	73 139	88.4	9 559	11.6	
753 Sipoo-Sibbo		17 814	91.1	1 738	8.9	677	80.9	159	19.1	167	57.7	122	42.3	18 658	90.2	2 020	9.8	
755 Siuntio-Sjundeå		12 012	90.4	1 282	9.6	770	86.9	116	13.1	20	14.9	116	85.1	12 802	89.4	1 514	10.6	
Total		345 579	90.3	36 997	9.7	44 391	93.1	3 276	6.9	11 109	76.8	3 363	23.2	401 079	90.2	43 636	9.8	
Rannikko/Pohjanmaan rannikko		570	90.4	60	9.6	15	78.5	4	21.5	37	62.8	22	37.2	622	87.8	86	12.2	
231 Kaskinen-Kaskö		17 538	79.8	4 444	20.2	144	36.9	246	63.1	112	26.4	312	73.6	17 794	78.1	5 002	21.9	
272 Kokkola-Karleby Rannikko		14 185	78.9	3 782	21.1	174	36.8	298	63.2	113	12.4	803	87.6	14 472	74.8	4 883	25.2	
280 Korsnäs		39 455	78.6	10 752	21.4	485	40.9	701	59.1	202	10.5	1 725	89.5	40 142	75.3	13 177	24.7	
287 Kristinestad-		32 515	64.9	17 568	35.1	146	6.5	2 100	93.5	26	1.1	2 387	96.9	32 687	59.7	22 055	40.3	
288 Kronoby-Krunupyy		9 078	83.8	1 756	16.2	284	70.4	120	29.6	170	40.1	254	59.9	9 532	81.7	2 130	18.3	
440 Larsmo-Luoto		26 369	73.6	9 476	26.4	231	16.1	1 209	83.9	210	7.8	2 466	92.2	26 810	67.1	13 151	32.9	
475 Malax-Maalathi		47 867	82.2	10 381	17.8	713	48.6	752	51.4	619	22.6	2 124	77.4	49 198	78.8	13 257	21.2	
499 Korsholm-Mustasaari																		

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Forest Centre region		Forest land			Poorly productive forest land			Unproductive land			Total					
Municipality	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%
545 Närpes-Närpiö	47 861	73.3	17 456	26.7	420	20.0	1 680	80.0	190	5.8	3 085	94.2	48 470	68.6	22 221	31.4
598 Jakobstad-Pietarsaari	4 508	80.7	1 078	19.3	158	69.1	71	30.9	92	40.5	136	59.5	4 758	78.7	1 285	21.3
599 Pedersöre-Pedersören kunta	37 319	67.6	17 879	32.4	251	12.7	1 735	87.3	73	4.3	1 624	95.7	37 643	63.9	21 238	36.1
893 Nykarleby-Juusikaarlepyy	34 753	69.8	15 066	30.2	634	36.5	1 100	63.5	280	12.3	2 002	87.7	35 667	66.3	18 168	33.7
905 Vaasa-Vasa	16 477	82.3	3 551	17.7	251	61.8	155	38.2	187	30.9	417	69.1	16 915	80.4	4 124	19.6
946 Vörå-Vöyri	41 712	78.4	11 517	21.6	542	34.7	1 020	65.3	228	10.5	1 930	89.5	42 482	74.6	14 467	25.4
Total	370 207	74.8	124 768	25.2	4 449	28.4	11 190	71.6	2 537	11.6	19 286	88.4	377 193	70.8	155 244	29.2
Lounais-Suomi																
019 Aura	3 465	88.1	468	11.9	93	69.2	41	30.8	1	1.5	53	98.5	3 558	86.4	562	13.6
050 Eura	29 128	82.8	6 055	17.2	578	53.5	502	46.5	0	0.0	620	100.0	29 706	80.5	7 177	19.5
051 Eurajoki	19 448	86.5	3 022	13.5	373	59.2	257	40.8	22	6.9	302	93.1	19 843	84.7	3 581	15.3
079 Harjavalta	5 734	79.5	1 476	20.5	145	48.7	153	51.3	0	0.0	247	100.0	5 879	75.8	1 876	24.2
099 Honkajoki	13 770	69.0	6 189	31	998	50.0	997	50.0	219	12.7	1 500	87.3	14 986	63.3	8 686	36.7
102 Huittinen	21 637	81.8	4 809	18.2	131	15.3	726	84.7	3	0.2	1 188	99.8	21 770	76.4	6 722	23.6
181 Jämijärvi	9 810	74.5	3 359	25.5	43	11.0	346	89.0	2	0.7	299	99.3	9 855	71.1	4 004	28.9
202 Kaarina	6 203	91.8	553	8.2	438	97.1	13	2.9	46	57.5	34	42.5	6 687	91.8	599	8.2
214 Kankaanpää	33 779	71.2	13 689	28.8	412	17.3	1 973	82.7	13	0.6	2 129	99.4	34 204	65.8	17 790	34.2
230 Karvia	18 820	61.7	11 688	38.3	902	28.3	2 285	71.7	139	4.5	2 962	95.5	19 861	54.0	16 935	46.0
271 Kokemäki	23 457	80.4	5 707	19.6	336	33.8	659	66.2	2	0.2	996	99.8	23 795	76.4	7 361	23.6
284 Koski T.I.	6 760	83.3	1 351	16.7	84	46.4	97	53.6	0	0.3	117	99.7	6 844	81.4	1 565	18.6
304 Kustavi	8 213	91.6	758	8.4	2 557	96.0	107	4.0	1 095	87.2	161	12.8	11 865	92.0	1 026	8.0
319 Köyliö	10 543	72.4	4 016	27.6	135	20.3	533	79.7	4	0.7	493	99.3	10 682	67.9	5 041	32.1
400 Laitila	26 975	83.7	5 271	16.3	1 103	55.7	879	44.3	0	0.0	1 512	100.0	28 078	78.6	7 662	21.4
413 Lavia	19 689	81.6	4 439	18.4	156	22.5	536	77.5	1	0.3	474	99.7	19 846	78.5	5 449	21.5
423 Lieto	7 675	89.7	880	10.3	496	90.5	52	9.5	4	6.2	56	93.8	8 175	89.2	987	10.8
430 Loimaa	28 116	84.0	5 351	16.0	297	32.0	631	68.0	10	0.9	1 149	99.1	28 423	79.9	7 131	20.1
442 Luvia	10 654	88.9	1 336	11.1	222	78.1	62	21.9	99	80.5	24	19.5	10 975	88.5	1 422	11.5
480 Marttila	7 135	79.8	1 801	20.2	234	49.1	242	50.9	6	1.3	426	98.7	7 375	74.9	2 469	25.1
481 Masku	7 502	91.2	724	8.8	494	85.8	81	14.2	75	29.1	182	70.9	8 071	89.1	987	10.9
484 Merikarvia	27 200	78.2	7 597	21.8	201	19.8	817	80.2	117	6.2	1 772	93.8	27 519	73	10 185	27.0
503 Mynämäki	24 477	79.4	6 356	20.6	935	50.1	932	49.9	9	0.6	1 494	99.4	25 422	74.3	8 783	25.7
529 Naantali	15 416	94.5	904	5.5	3 900	98.5	61	1.5	633	86.6	98	13.4	19 949	94.9	1 063	5.1
531 Nakkila	8 192	85.5	1 393	14.5	33	24.1	103	75.9	0	0.0	0	0.0	8 225	84.6	1 496	15.4
538 Nousiainen	8 925	86.5	1 395	13.5	716	77.0	214	23.0	0	0.0	449	100.0	9 642	82.4	2 058	17.6
561 Oripää	3 975	78.1	1 117	21.9	152	55.3	123	44.7	2	0.7	301	99.3	4 130	72.8	1 541	27.2
577 Paimio	10 574	87.9	1 450	12.1	792	89.7	91	10.3	14	14.9	79	85.1	11 380	87.5	1 619	12.5
608 Pomarkku	18 739	80.7	4 477	19.3	255	28.4	644	71.6	77	7.1	1 013	92.9	19 071	75.7	6 133	24.3
609 Pori	46 626	85.4	7 968	14.6	719	53.5	626	46.5	274	26.7	751	73.3	47 619	83.6	9 344	16.4
631 Pynhäranta	8 770	88.5	1 137	11.5	448	84.7	81	15.3	36	20.3	143	79.7	9 254	87.2	1 361	12.8
636 Pöytyä	32 771	77.3	9 643	22.7	687	28.9	1 690	71.1	10	0.4	2 444	99.6	33 468	70.8	13 777	29.2
680 Raisio	1 779	93.0	133	7.0	189	99.0	2	1.0	36	78.2	10	21.8	2 005	93.2	145	6.8
684 Rauma	27 916	87.7	3 928	12.3	1 467	84.0	280	16.0	180	33.3	361	66.7	29 562	86.6	4 568	13.4
704 Rusko	5 310	84.4	984	15.6	215	65.5	113	34.5	3	0.9	323	99.1	5 529	79.6	1 421	20.4
734 Salo	94 617	87.3	13 825	12.7	6 328	81.5	1 439	18.5	71	3.5	1 931	96.5	101 016	85.5	17 195	14.5

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Municipality	Forest land						Poorly productive forest land						Unproductive land						Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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738 Sauvo	11 644	91.5	1 080	8.5	1 447	97.7	33	2.3	61	57.6	45	42.4	13 152	91.9	1 159	8.1	25 747	75.6	8 313	24.4	1 011	47.1	1 237	52.9	313	3.3	43 8	428	56.2	9	1.7	494	98.3	28 941	82.6	6 083	17.4	8 013	80.6	1 935	19.4	1 97	57.0	148	43	2	1.3	122	98.7	8 211	78.8	2 205	21.2	833	Taivassalo	3 850	89.1	469	10.9	92	77.4	27	22.6	3	10.7	29	89.3	3 946	88.3	524	11.7	9 180	91.2	883	8.8	786	94.2	49	5.8	142	54.3	119	108	90.6	1 051	9.4	22 222	79.7	5 688	20.3	88	12.2	633	87.8	0	0.0	232	100.0	22 310	77.3	6 534	22.7	27 979	91.9	2 479	8.1	2 876	92.5	232	7.5	897	64.2	501	35.8	31 752	90.8	3 212	9.2	9 345	91.4	878	8.6	592	85.6	99	14.4	122	42.7	164	57.3	10 059	89.8	1 141	10.2	806 779	82.4	172 511	17.6	36 177	62.9	21 322	37.1	5 016	14.1	30 679	85.9	847 972	79.1	224 512	20.9	Häme-Uusimaa	35 844	87.1	5 299	12.9	80	23.7	258	76.3	13	6.6	182	93.4	35 937	86.2	5 739	13.8	10 470	91.0	1 035	9.0	144	76.6	44	23.4	0	0.0	61	100.0	10 614	90.3	1 140	9.7	11 727	85.0	2 068	15.0	47	19.7	190	80.3	3	0.9	312	99.1	11 776	82.1	2 570	17.9	37 882	84.4	7 016	15.6	97	18.2	435	81.8	39	8.9	402	91.1	38 018	82.9	7 853	17.1	19 290	81.0	4 511	19.0	37	6.2	557	93.8	2	0.7	327	99.3	19 329	78.2	5 395	21.8	17 846	85.7	2 983	14.3	169	27.5	445	72.5	10	5.8	169	94.2	18 026	83.4	3 597	16.6	26 082	89.8	2 952	10.2	40	15.8	213	84.2	14	6.4	209	93.6	26 136	88.6	3 374	11.4	6 324	86.8	959	13.2	39	26.7	108	73.3	3	2.2	118	97.8	6 366	84.3	1 186	15.7	15 726	79.8	3 983	20.2	197	25.5	575	74.5	19	7.6	231	92.4	15 942	76.9	4 789	23.1	106 603	82.6	22 385	17.4	177	10.8	1 463	89.2	38	3.8	973	96.2	106 819	81.1	24 821	18.9	50 658	87.8	7 055	12.2	239	40.4	352	59.6	49	21.2	184	78.8	50 947	87.0	7 590	13.0	27 822	82.4	5 930	17.6	128	16.5	648	83.5	17	4.7	354	95.3	27 968	80.1	6 932	19.9	7 364	91.1	722	8.9	43	40.0	65	60.0	1	0.7	83	99.3	7 408	89.5	870	10.5	1 215	92.3	101	7.7	19	94.7	1	5.3	12	40.6	1 252	91.6	114	8.4	14 555	86.3	2 307	13.7	171	50.6	167	49.4	0	0.0	30	100.0	14 726	85.5	2 504	14.5	1 063	89.7	122	10.3	22	85.8	4	14.2	33	76.2	10	23.8	1 118	89.2	136	10.8	10 427	88.7	1 327	11.3	17	25.3	50	74.7	9	13.9	58	86.1	10 453	87.9	1 434	12.1	11 830	85.3	2 034	14.7	41	11.2	327	88.8	6	4.2	139	95.8	11 877	82.6	2 500	17.4	6 038	91.6	556	8.4	40	33.9	78	66.1	17	22.7	59	77.3	6 095	89.8	693	10.2	34 938	81.3	8 048	18.7	310	25.0	933	75.0	0	0.1	369	99.9	35 249	79.0	9 351	21.0	52 388	89.6	6 078	10.4	1 301	76.2	407	23.8	1	0.4	284	99.6	53 691	88.8	6 770	11.2	10 862	90.6	1 126	9.4	182	76.4	56	23.6	1	1.6	57	98.4	11 045	89.9	1 239	10.1	29 003	83.7	5 638	16.3	201	26.3	564	73.7	0	0.1	223	99.9	29 204	82	6 425	18	532 Nastola	19 093	88.2	2 558	11.8	133	46.1	156	53.9	79	32.3	167	67.7	19 306	87.0	2 880	13.0	543 Nurmijärvi	15 793	89.9	1 778	10.1	362	72.6	137	27.4	58	31.5	127	68.5	16 213	88.8	2 041	11.2	39 920	91.6	3 647	8.4	406	67.1	199	32.9	98	22.8	330	77.2	40 423	90.6	4 177	9.4	36 214	84.5	6 630	15.5	73	14.8	422	85.2	10	5.0	181	95.0	36 297	83.4	7 233	16.6	611 Pornainen	7 240	88.9	907	11.1	136	60.6	88	39.4	0	0.1	40	99.9	7 375	87.7	1 035	12.3	616 Pukila	6 354	89.6	739	10.4	51	50.0	51	50.0	0	0.0	61	100.0	6 404	88.3	851	11.7	694 Riihimäki	5 552	83.1	1 129	16.9	32	31.8	68	68.2	6	10.7	47	89.3	5 590	81.8	1 244	18.2	781 Sysmä	47 321	88.5	6 142	11.5	103	32.2	217	67.8	30	10.3	265	89.7	47 455	87.8	6 624	12.2	34 312	77.2	10 110	22.8	202	13.5	1 299	86.5	11	0.5	2 376	99.5	34 525	71.5	13 785	28.5	834 Tammela

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Municipality	Forest land			Poorly productive forest land			Unproductive land			Total			
	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	
Forest Centre region													
858 Tuusula	9 241	89.0	1 143	11.0	126	69.4	56	30.6	7	7.5	89	92.5	9 374
927 Vihti	28 266	88.9	3 546	11.1	727	78.6	199	21.4	5	2.8	164	97.2	28 998
981 Ypäjä	7 007	88.3	929	11.7	49	41.3	70	58.7	4	3.3	106	96.7	7 060
Total	802 270	85.7	133 490	14.3	6 144	36.0	10 904	64.0	603	6.4	8 799	93.6	809 017
Kaakkoi-Suomi													
075 Hamina	36 820	85.0	6 478	15.0	417	52.5	378	47.5	117	14.9	672	85.1	37 354
142 Iitti	34 211	89.1	4 170	10.9	512	65.5	269	34.5	89	40.6	130	59.4	34 812
153 Imatra	8 312	88.2	1 117	11.8	33	74.0	11	26.0	7	19.7	30	80.3	8 351
285 Kotka	14 869	85.6	2 499	14.4	189	47.4	210	52.6	91	31.8	196	68.2	15 150
286 Kouvola	143 634	84.4	26 456	15.6	1 080	34.9	2 012	65.1	229	11.4	1 791	88.6	144 943
405 Lappeenranta	81 557	82.2	17 717	17.8	465	39.6	707	60.4	1	0.1	1 308	99.9	82 022
416 Lempi	12 798	84.5	2 352	15.5	45	40.8	65	59.2	7	2.5	264	97.5	12 849
441 Luumäki	43 507	75.5	14 120	24.5	235	21.5	859	78.5	54	6.3	803	93.7	43 795
489 Miehikkälä	25 914	82.9	5 353	17.1	258	49.9	258	50.1	48	10.5	411	89.5	26 220
580 Parikkala	37 207	85.4	6 365	14.6	141	45.3	170	54.7	21	5.3	383	94.7	37 369
624 Pyhtää-Pyhtis	18 626	85.7	3 102	14.3	353	46.7	402	53.3	62	6.1	962	93.9	19 040
689 Rautjärvi	24 529	85.0	4 336	15.0	117	46.0	137	54.0	22	12.6	150	87.4	24 667
700 Ruokolahti	66 644	81.5	15 176	18.5	338	44.2	427	55.8	73	8.7	764	91.3	67 055
739 Savitaipale	36 036	83.5	7 098	16.5	198	35.0	368	65.0	61	11.9	453	88.1	36 295
831 Taipalsaari	24 167	86.8	3 682	13.2	151	56.1	118	43.9	40	13.4	257	86.6	24 357
935 Virolahti	22 339	86.3	3 555	13.7	320	58.7	226	41.3	90	22.7	306	77.3	22 750
Total	631 166	83.6	123 577	16.4	4 850	42.3	6 616	57.7	1 012	10.2	8 881	89.8	637 029
Pirkanmaa													
020 Akaa	13 787	83.8	2 658	16.2	23	14.8	133	85.2	0	0.1	146	99.9	13 810
108 Hämeenkyrö	26 523	83.5	5 241	16.5	78	13.8	483	86.2	16	6.7	227	93.3	26 616
143 Ikaalinen	45 280	79.0	12 025	21.0	211	15.1	1 191	84.9	8	1.2	692	98.8	45 499
177 Juupajoki	17 334	83.8	3 346	16.2	11	5.4	197	94.6	4	3.3	120	96.7	17 349
211 Kangasala	40 420	87.4	5 814	12.6	56	14.1	343	85.9	7	2.4	302	97.6	40 484
250 Kihniö	17 400	63.8	9 893	36.2	100	8.5	1 079	91.5	5	0.5	843	99.5	17 504
418 Lempäälä	15 602	89.0	1 922	11.0	38	25.6	110	74.4	2	1.7	118	98.3	15 642
508 Mänttä-Vilppula	37 092	84.3	6 929	15.7	91	23.5	297	76.5	12	3.5	328	96.5	37 195
536 Nokia	17 522	90.3	1 889	9.7	42	28.7	104	71.3	6	6.4	84	93.6	17 570
562 Orivesi	55 108	86.9	8 298	13.1	18	3.4	508	96.6	19	4.3	414	95.7	55 145
581 Parkano	42 489	65.1	22 788	34.9	321	8.5	3 475	91.5	16	0.6	2 623	99.4	42 826
604 Pirkkala	4 533	91.6	415	8.4	11	25.9	30	74.1	1	2.3	25	97.7	4 544
619 Punkkalaun	16 271	86.4	2 569	13.6	80	21.5	292	78.5	3	0.6	511	99.4	16 355
635 Pälkäne	36 194	87.6	5 135	12.4	32	12.2	227	87.8	4	1.5	281	98.5	36 230
702 Ruovesi	54 981	86.2	8 823	13.8	143	15.3	788	84.7	12	1.2	965	98.8	55 135
790 Sastamala	82 904	86.2	13 320	13.8	338	20.1	1 343	79.9	21	2.0	1 052	98.0	83 264
837 Tampere	33 367	88.9	4 167	11.1	40	13.4	258	86.6	8	4.9	164	95.1	33 415
887 Urjala	25 549	85.2	4 426	14.8	83	16.5	419	83.5	0	0.0	550	100.0	25 632
908 Valkeakoski	14 335	87.4	2 075	12.6	14	10.0	127	90.0	2	1.6	133	98.4	14 351
922 Vesilähti	18 559	90.0	2 069	10.0	52	30.0	122	70.0	2	1.5	151	98.5	18 614
936 Virrat	70 475	76.3	21 923	23.7	335	10.8	2 783	89.2	28	0.9	3 026	99.1	70 839
Total	637 029	82.1	139 074	17.9	6 370	42.3	8 881	57.9	1 012	10.2	8 881	89.8	637 029

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

	Forest Centre region															
	Municipality	Forest land				Poorly productive forest land				Unproductive land				Total		
		Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha
980 Ylöjärvi	71 290	79.0	18 937	21.0	242	10.9	1 977	89.1	18	1.2	1 448	98.8	71 551	76.2	22 362	23.8
Total	757 015	82.1	164 662	17.9	2 360	12.7	16 285	87.3	195	1.4	14 204	98.6	759 570	79.6	195 150	20.4
Etelä-Savo																
046 Enonkoski	23 648	88.5	3 071	11.5	115	74.6	39	25.4	13	9.0	131	91	23 776	88.0	3 241	12.0
090 Heinävesi	76 605	82.8	15 864	17.2	156	33.5	310	66.5	54	10.8	452	89.2	76 816	82.2	16 626	17.8
097 Hirvensalmi	33 966	86.0	5 547	14.0	107	19.2	449	80.8	62	17.2	297	82.8	34 134	84.4	6 293	15.6
171 Joroinen	33 324	75.1	11 032	24.9	72	13.1	474	86.9	37	3.5	1 017	96.5	33 432	72.7	12 523	27.3
178 Juvva	73 655	76.6	22 440	23.4	283	18.7	1 234	81.3	121	7.7	1 455	92.3	74 059	74.7	25 129	25.3
213 Kangasniemi	73 900	80.3	18 152	19.7	186	18.3	829	81.7	74	6.9	993	93.1	74 160	78.8	19 974	21.2
491 Mikkelä	172 889	81.9	38 195	18.1	698	25.4	2 045	74.6	324	10.9	2 641	89.1	173 911	80.2	42 880	19.8
507 Mäntyharju	71 833	85.6	12 104	14.4	407	30.7	920	69.3	132	26.3	369	72.371	84.4	13 393	15.6	
588 Pertunmaa	26 874	85.2	4 656	14.8	63	16.4	322	83.6	44	22.6	150	77.4	26 981	84.0	5 128	16.0
593 Pieksämäki	93 538	70.3	39 494	29.7	129	6.9	1 751	93.1	57	2.9	1 877	97.1	93 724	68.5	43 122	31.5
623 Puumala	62 049	89.0	7 680	11.0	432	62.5	259	37.5	101	18.9	436	81.1	62 583	88.2	8 375	11.8
681 Rantasalmi	35 920	81.2	8 302	18.8	125	32.0	265	68.0	53	8.1	606	91.9	36 098	79.7	9 173	20.3
740 Savonlinna	160 503	84.2	30 210	15.8	765	47.2	856	52.8	85	5.1	1 589	94.9	161 353	83.2	32 655	16.8
768 Sulkava	43 257	86.7	6 626	13.3	232	53.7	200	46.3	39	11.6	300	88.4	43 527	85.9	7 126	14.1
Total	981 959	81.5	223 375	18.5	3 770	27.5	9 954	72.5	1 196	8.9	12 313	91.1	986 925	80.1	245 642	19.9
Etelä-Pohjanmaa																
005 Alejärvi	43 822	61.2	27 801	38.8	321	7.2	4 118	92.8	38	1.0	3 653	99.0	44 180	55.4	35 572	44.6
010 Alavus	49 962	66.5	25 114	33.5	482	12.6	3 355	87.4	22	0.8	2 849	99.2	50 467	61.7	31 319	38.3
052 Evijärvi	13 272	56.2	10 345	43.8	49	2.8	1 722	97.2	0	0.0	1 602	100	13 321	49.4	13 669	50.6
074 Halsua	15 271	56.5	11 775	43.5	381	10.9	3 118	89.1	341	8.2	3 801	91.8	15 993	46.1	18 694	53.9
145 Ilmajoki	22 915	69.9	9 851	30.1	304	24.1	956	75.9	40	4.6	816	95.4	23 258	66.7	11 623	33.3
151 Isojoki	29 221	64.8	15 840	35.2	900	26.0	2 561	74.0	163	3.1	5 140	96.9	30 285	56.3	23 541	43.7
152 Isokyrö	13 433	69.4	5 931	30.6	128	16.6	643	83.4	4	0.6	752	99.4	13 565	64.9	7 326	35.1
164 Jalasjärvi	31 822	64.9	17 204	35.1	263	9.4	2 520	90.6	0	0.0	2 745	100.0	32 085	58.8	22 470	41.2
217 Kannus	16 783	52.4	15 233	47.6	270	10.7	2 250	89.3	55	3.2	1 654	96.8	17 108	47.2	19 138	52.8
218 Karjoki	8 164	66.5	4 116	33.5	79	15.4	436	84.6	13	2.6	483	97.4	8 256	62.1	5 035	37.9
232 Kauhajoki	48 751	62.0	29 921	38.0	2 065	26.3	5 782	73.7	294	3.2	8 907	96.8	51 110	53.4	44 610	46.6
233 Kauhava	52 011	67.9	24 590	32.1	646	17.3	3 089	82.7	77	2.6	2 898	97.4	52 733	63.3	30 578	36.7
236 Kaustinen	12 736	54.8	10 509	45.2	75	4.1	1 748	95.9	1	0.1	1 723	99.9	12 812	47.8	13 980	52.2
272 Kokkola-Karleby E-	44 124	58.9	30 748	41.1	596	8.8	6 157	91.2	116	1.4	8 194	98.6	44 835	49.9	45 098	50.1
300 Kuortane	20 312	63.7	11 561	30.4	149	10.8	1 234	89.2	0	0.0	975	100.0	20 461	59.8	13 771	40.2
301 Kurikka	40 950	69.6	17 851	37.4	374	14.2	2 266	85.8	41	1.8	2 243	98.2	41 366	64.9	22 361	35.1
399 Laihia	21 745	66.1	11 174	33.9	57	4.5	1 200	95.5	1	0.0	2 323	100.0	21 803	59.7	14 697	40.3
403 Lappajärvi	17 305	60.3	11 394	39.7	88	4.7	1 797	95.3	6	0.3	1 690	99.7	17 399	53.9	14 882	46.1
408 Lapua	27 319	64.3	15 173	35.7	192	8.3	2 108	91.7	8	0.3	2 193	99.7	27 518	58.6	19 474	41.4
421 Lesijärvi	19 001	56.4	14 683	43.6	256	7.6	3 111	92.4	68	1.1	6 400	98.9	19 325	44.4	24 194	55.6
584 Perho	28 204	57.5	20 855	42.5	373	5.9	5 905	94.1	51	0.5	9 569	99.5	28 628	44.1	36 329	55.9
743 Seinäjoki	56 707	65.9	29 308	34.1	529	10.4	4 554	89.6	63	1.1	5 437	98.9	57 299	59.3	39 299	40.7
759 Soini	25 205	61.3	15 906	38.7	131	4.3	2 916	95.7	0	0.0	2 484	100	25 336	54.3	21 307	45.7
846 Teuva	23 977	66.0	12 325	34.0	217	10.7	1 811	89.3	5	0.2	2 144	99.8	24 200	59.8	16 279	40.2
849 Toholampi	21 610	56.2	16 816	43.8	212	5.5	3 634	94.5	1	0.0	5 950	100.0	21 822	45.3	26 400	54.7

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Municipality	Forest land						Poorly productive forest land						Unproductive land						Total				
	Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland		
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
Forest Centre region	16 600	53.3	14 566	46.7	115	3.4	3 248	96.6	1	0.0	4 657	100.0	16 716	42.7	22 471	57.3							
924 Veteli	11 019	60.0	7 357	40.0	63	4.2	1 438	95.8	0	0.0	1 307	100.0	11 082	52.2	10 141	47.8							
934 Vimpeli	41 756	64.4	23 069	35.6	208	7.2	2 689	92.8	29	1.7	1 705	98.3	41 993	60.5	27 463	39.5							
989 Anttari	773 996	62.7	461 019	37.3	9 520	11.1	76 366	88.9	1 439	1.5	94 333	98.5	784 955	55.4	631 718	44.6							
Kesk-Suomi	35 398	78.7	9 584	21.3	38	16.2	198	83.8	9	3.1	271	96.9	35 445	77.9	10 053	22.1							
077 Hankasalmi	58 430	80.5	14 191	19.5	130	12.7	893	87.3	48	4.4	1 042	95.6	58 608	78.4	16 126	21.6							
172 Joutsa	81 135	86.4	12 721	13.6	186	28.2	472	71.8	34	5.7	563	94.3	81 354	85.5	13 756	14.5							
179 Jyväskylä	109 310	83.2	22 056	16.8	147	12.6	1 018	87.4	27	3.0	890	97.0	109 484	82.0	23 964	18.0							
182 Jämsä	28 987	76.3	9 008	23.7	335	34.2	646	65.8	56	13.8	348	86.2	29 377	74.6	10 001	25.4							
216 Kannonkoski	42 729	62.1	26 130	37.9	244	7.0	3 258	93.0	3	0.1	3 019	99.9	42 976	57.0	32 407	43.0							
226 Karstula	79 810	74.7	27 084	25.3	260	11.0	2 109	89.0	29	1.8	1 552	98.2	80 099	72.3	30 745	27.7							
249 Keuruu	23 023	62.9	13 608	37.1	281	13.8	1 762	86.2	178	11.0	1 436	89.0	23 482	58.3	16 806	41.7							
256 Kinnula	28 585	70.7	11 826	29.3	224	12.3	1 605	87.7	130	7.8	1 531	92.2	28 940	65.9	14 962	34.1							
265 Kivijärvi	36 022	82.2	7 807	17.8	24	13.5	154	86.5	9	3.0	305	92.0	36 056	81.4	8 265	18.6							
275 Konnevesi	50 322	86.7	7 752	13.3	68	18.4	300	81.6	24	7.7	285	92.3	50 414	85.8	8 337	14.2							
291 Kuhmoinen	18 268	55.2	14 805	44.8	118	4.4	2 587	95.6	2	0.1	2 607	99.9	18 389	47.9	19 999	52.1							
310 Kyyjärvi	42 484	86.3	6 744	13.7	73	32.2	154	67.8	28	10.5	241	89.5	42 586	85.6	7 139	14.4							
410 Laukaa	16 611	90.5	1 737	9.5	30	38.8	47	61.2	13	10.2	110	89.8	16 654	89.8	1 894	10.2							
435 Luhanka	42 082	67.4	20 371	32.6	128	5.6	2 168	94.4	14	1.0	1 453	99.0	42 223	63.8	23 992	36.2							
495 Multia	10 227	89.8	1 166	10.2	18	41.5	26	58.5	5	9.9	50	90.1	10 251	89.2	1 241	10.8							
500 Muurame	29 209	76.7	8 857	23.3	60	10.4	517	89.6	7	2.2	310	97.8	29 276	75.1	9 684	24.9							
592 Petäjävesi	58 270	67.3	28 353	32.7	377	11.8	2 807	88.2	146	4.4	3 161	95.6	58 793	63.1	34 320	36.9							
601 Pihlajavesi	74 851	74.0	26 321	26.0	487	17.8	2 249	82.2	88	5.0	1 680	95.0	75 427	71.4	30 250	28.6							
729 Saarijärvi	25 762	84.0	4 891	16.0	59	25.9	170	74.1	16	7.3	209	92.7	25 838	83.1	5 270	16.9							
850 Toivakka	20 811	73.5	7 509	26.5	80	10.7	670	89.3	13	2.6	479	97.4	20 904	70.7	8 658	29.3							
892 Uurainen	83 062	78.4	22 951	21.6	502	29.0	1 231	71.0	113	7.7	1 349	92.3	83 677	76.6	25 531	23.4							
931 Viitasaari	61 921	83.7	12 079	16.3	255	36.2	448	63.8	86	18.1	387	81.9	62 261	82.8	12 914	17.2							
992 Äänekoski	1 057 310	76.9	317 551	23.1	4 125	13.9	25 487	86.1	1 078	4.4	23 277	95.6	1 062 513	74.4	366 315	25.6							
Pohjois-Savo	43 650	78.7	11 791	21.3	0	0.0	395	100.0	0	0.0	497	100.0	43 650	77.5	12 683	22.5							
140 Iisalmi	29 296	82.9	6 061	17.1	15	6.6	208	93.4	6	2.5	224	97.5	29 316	81.9	6 493	18.1							
174 Juankoski	46 466	79.3	12 145	20.7	21	3.7	557	96.3	4	1.0	386	99.0	46 491	78.0	13 088	22.0							
204 Kaavi	26 951	66.8	13 379	33.2	72	10.8	592	89.2	24	3.7	622	96.3	27 047	65.0	14 593	35.0							
239 Keitele	58 558	61.3	36 954	38.7	77	2.6	2 902	97.4	2	0.1	2 371	99.9	58 636	58.1	42 227	41.9							
263 Kluruvesi	152 912	82.9	31 614	17.1	264	25.6	767	74.4	18	1.2	1 553	98.8	153 194	81.9	33 934	18.1							
297 Kuopio	62 593	74.8	21 096	25.2	20	2.2	925	97.8	2	0.2	1 098	99.8	62 616	73.0	23 119	27.0							
402 Lapinlahti	80 120	83.4	15 897	16.6	84	22.8	283	77.2	68	8.7	716	91.3	80 273	82.6	16 895	17.4							
476 Maaninka	27 498	81.2	6 346	18.8	50	23.7	162	76.3	1	0.1	486	99.9	27 549	79.8	6 995	20.2							
595 Pielavesi	65 585	69.3	29 026	30.7	114	8.2	1 278	91.8	27	1.6	1 628	98.4	65 725	67.3	31 932	32.7							
686 Rautalammi	35 427	79.7	9 008	20.3	19	9.0	187	91.0	2	0.8	256	99.2	35 447	79.0	9 450	21.0							
687 Rautavaara	61 740	63.6	35 323	36.4	147	3.0	4 700	97.0	36	0.6	5 770	99.4	61 923	57.5	45 792	42.5							
749 Siilinjärvi	22 701	85.8	3 768	14.2	31	31.7	68	68.3	0	0.1	292	99.9	22 732	84.6	4 128	15.4							
762 Sonkeajärvi	75 800	63.1	44 332	36.9	136	2.8	4 759	97.2	17	0.3	5 401	99.7	75 953	58.2	54 492	41.8							

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

	Forest Centre region															
	Municipality			Forest land			Poorly productive forest land			Unproductive land			Total			
	Mineral soil ha	Peatland ha	%	Mineral soil ha	Peatland ha	%	Mineral soil ha	Peatland ha	%	Mineral soil ha	Peatland ha	%	Mineral soil ha	Peatland ha	%	
778 Suonenjoki	44 052	73.0	16 293	27.0	393	86.7	10	2.0	477	98.0	44 122	72.0	17 162	28.0		
844 Tervo	23 421	78.9	6 248	21.1	13.3	145	86.7	3	1.0	290	99.0	23 446	77.8	6 683	22.2	
857 Tuusniemi	38 545	84.3	7 191	15.7	24.6	150	75.4	11	4.2	254	95.8	38 605	83.6	7 595	16.4	
915 Varkaus	26 511	83.0	5 427	17.0	35.1	102	64.9	20	6.2	302	93.8	26 586	82.0	5 831	18.0	
921 Vesanto	27 709	78.8	7 458	21.2	20	10.9	162	89.1	18	7.1	242	92.9	27 747	77.9	7 862	22.1
925 Vieremä	44 757	64.3	24 823	35.7	77	3.0	2 479	97.0	5	0.2	2 192	99.8	44 840	60.3	29 494	39.7
Total	994 291	74.3	344 179	25.7	1 333	5.9	21 212	94.1	273	1.1	25 058	98.9	995 897	71.8	390 449	28.2
Pohjois-Karjala																
146 Ilomantsi	134 270	61.4	84 263	38.6	106	0.6	18 656	99.4	14	0.1	22 639	99.9	134 389	51.7	125 558	48.3
167 Joensuu	153 945	75.8	49 026	24.2	81	2.2	3 575	97.8	0	0.0	3 689	100.0	154 026	73.2	56 291	26.8
176 Juuka	91 442	70.2	38 897	29.8	129	3.9	3 169	96.1	8	0.3	3 147	99.7	91 578	66.9	45 213	33.1
260 Kitee	72 625	73.4	26 370	26.6	299	21.7	1 080	78.3	45	2.6	1 688	97.4	72 969	71.5	29 138	28.5
276 Kontiolahti	52 800	77.2	15 614	22.8	26	3.0	851	97.0	0	0.0	911	100.0	52 827	75.2	17 375	24.8
309 Outokumpu	26 358	73.9	9 309	26.1	7	2.0	344	98.0	11	4.0	260	96.0	26 376	72.7	9 913	27.3
422 Lieksa	206 973	70.5	86 564	29.5	388	3.3	11 383	96.7	13	0.1	11 985	99.9	207 374	65.4	109 932	34.6
426 Liperi	44 148	83.7	8 580	16.3	7	5.1	122	94.9	18	4.7	354	95.3	44 172	83.0	9 056	17.0
541 Nurmee	96 483	70.3	40 823	29.7	129	2.8	4 487	97.2	60	1.8	3 298	98.2	96 672	66.5	48 608	33.5
607 Polvijärvi	43 270	70.2	18 372	29.8	38	2.9	1 279	97.1	0	0.0	1 869	100.0	43 308	66.8	21 519	33.2
707 Rääkkylä	25 008	76.1	7 868	23.9	52	18.7	225	81.3	21	2.9	726	97.1	25 081	74.0	8 819	26.0
848 Tohmajärvi	44 837	68.8	20 340	31.2	42	4.1	978	95.9	28	3.4	815	96.6	44 908	67.0	22 132	33.0
911 Valtimo	46 371	68.8	21 073	31.2	64	3.2	1 932	96.8	11	1.0	1 078	99.0	46 445	65.9	24 083	34.1
Total	1 038 529	70.9	427 100	29.1	1 367	2.8	48 079	97.2	228	0.4	52 458	99.6	1 040 124	66.3	527 638	33.7
Kainuu																
105 Hyrynsalmi	75 961	65.8	39 459	34.2	198	1.8	10 741	98.2	56	0.6	8 963	99.4	76 214	56.3	59 163	43.7
205 Kajaani	79 063	54.7	65 435	45.3	218	1.9	11 268	98.1	30	0.3	9 210	99.7	79 310	48.0	85 912	52.0
290 Kuhmo	250 790	63.3	145 675	36.7	377	1.2	31 383	98.8	113	0.3	32 205	99.7	251 280	54.6	209 262	45.4
578 Paltamo	51 165	66.5	25 727	33.5	105	2.5	4 078	97.5	25	1.0	2 491	99.0	51 295	61.4	32 295	38.6
620 Puolanka	126 922	65.9	65 688	34.1	463	1.9	23 843	98.1	154	0.8	19 322	99.2	127 539	54.0	108 853	46.0
697 Ristijärvi	48 245	68.0	22 728	32.0	113	2.5	4 484	97.5	32	0.9	3 441	99.1	48 390	61.2	30 653	38.8
765 Sotkamo	142 222	63.8	80 739	36.2	91	0.8	11 367	99.2	1	0.0	8 044	100.0	142 314	58.7	100 150	41.3
777 Suomussalmi	286 291	70.6	119 126	29.4	1 025	1.9	52 934	98.1	564	1.2	46 618	98.8	287 880	56.8	218 678	43.2
785 Vaala	42 956	50.0	43 029	50.0	573	3.8	14 596	96.2	78	0.5	14 121	99.5	43 606	37.8	71 746	62.2
Total	1 103 615	64.5	607 605	35.5	3 163	1.9	164 695	98.1	1 051	0.7	144 414	99.3	1 107 829	54.7	916 714	45.3
Pohjois-Pohjanmaa																
009 Alavieska	9 337	58.0	6 772	42.0	98	11.6	746	88.4	11	1.7	621	98.3	9 445	53.7	8 139	46.3
069 Haapajärvi	32 703	57.3	24 394	42.7	156	6.5	2 261	93.5	7	0.3	2 360	99.7	32 867	53.1	29 014	46.9
071 Haapavesi	34 294	45.1	41 708	54.9	268	5.3	4 822	94.7	35	0.8	4 389	99.2	34 597	40.5	50 918	59.5
072 Halluoto	10 791	73.5	3 892	26.5	148	16.3	760	83.7	344	34.5	653	65.5	11 283	68.0	5 305	32.0
208 Kalajo	38 051	60.0	25 347	40.0	928	23.4	3 041	76.6	127	5.2	2 306	94.8	39 106	56.0	30 695	44.0
139 Ii	58 949	57.2	44 060	42.8	351	2.0	16 891	98.0	94	0.5	19 656	99.5	59 394	42.4	80 607	57.6
244 Kempele	3 348	59.5	2 277	40.5	4	0.7	525	99.3	55	10.3	481	99.7	3 407	50.9	3 282	49.1
305 Kuusamo	283 292	78.5	77 558	21.5	1 966	3.4	55 611	96.6	635	1.3	49 895	98.5	285 894	61.0	183 164	39.0
317 Kärsämäki	26 945	51.6	25 225	48.4	117	3.4	3 283	96.6	13	0.5	2 482	99.5	27 075	46.6	30 990	53.4
425 Liminka	16 966	45.6	20 257	54.4	179	2.8	6 199	97.2	98	1.4	7 088	98.6	17 243	34.0	33 544	66.0

Table 2a. Area and proportion of mineral soils and peatlands by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land			Poorly productive forest land			Unproductive land			Total					
		Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha			
436 Lumijoki	6 540	53.5	5 675	46.5	69	6.4	1 011	93.6	89	11	720	89.0	6 698	47.5	7 406	52.5
483 Merijärvi	9 456	49.7	7 905	45.5	107	14.8	615	85.2	24	6.3	359	93.7	9 587	51.9	8 879	48.1
494 Muhojoh	24 158	49.7	24 470	50.3	278	3.0	8 926	97.0	89	1.0	8 651	99.0	24 525	36.8	42 046	63.2
535 Nivala	19 004	63.4	10 983	36.6	75	10.0	676	90.0	24	3.4	673	96.6	19 103	60.8	12 331	39.2
563 Oulainen	23 902	54.0	20 327	46.0	203	8.9	2 065	91.1	34	2.4	1 416	97.6	24 139	50.3	23 809	49.7
564 Oulu	109 628	55.0	89 521	45.0	741	2.3	31 500	97.7	399	1.4	29 142	98.6	110 768	42.5	150 163	57.5
615 Pudasjärvi	226 094	61.8	139 895	38.2	1 595	2.1	75 613	97.9	683	0.7	96 524	99.3	228 372	42.3	312 032	57.7
625 Pynäjoki	22 335	53.6	19 313	46.4	424	18.8	1 826	81.2	116	7.3	1 483	92.7	22 876	50.3	22 622	49.7
626 Pyhäsalmi	61 158	57.3	45 532	42.7	143	2.8	4 913	97.2	13	0.2	5 300	99.8	61 314	52.4	55 745	47.6
630 Pynhätä	26 790	45.7	31 886	54.3	170	2.3	7 370	97.7	51	0.6	8 437	99.4	27 012	36.2	47 693	63.8
678 Raah	35 017	48.4	37 280	51.6	399	7.1	5 248	92.9	178	4.4	3 917	95.6	35 594	43.4	46 445	56.6
691 Reisjärvi	19 541	58.2	14 014	41.8	163	8.3	1 808	91.7	35	2.2	1 533	97.8	19 740	53.2	17 356	46.8
746 Sievi	29 299	54.4	24 557	45.6	296	6.2	4 498	93.8	70	1.3	5 494	98.7	29 665	46.2	34 549	53.8
748 Silkejoki	32 083	47.2	35 934	52.8	318	4.9	6 148	95.1	339	5.6	5 716	94.4	32 740	40.7	47 799	59.3
791 Sillakalva	141 257	78.2	39 332	21.8	646	2.4	25 971	97.6	338	1.2	27 341	98.8	142 241	60.6	92 644	39.4
832 Taivalkoski	13 324	48.8	13 966	51.2	86	2.3	3 334	97.7	92	2.8	3 171	97.2	13 502	39.3	20 872	60.7
859 Tyrnävä	50 027	48.0	54 126	52.0	349	1.6	21 121	98.4	83	0.3	28 671	99.7	50 460	32.7	103 918	67.3
889 Utajärvi	22 997	56.0	18 044	44.0	119	7.2	1 539	92.8	33	2.6	1 253	97.4	23 149	52.6	20 836	47.4
977 Ylivieska	1 449 196	59.3	996 408	40.7	10 913	3.3	316 615	96.7	4 114	1.2	335 861	98.8	1 464 223	47.0	1 648 884	53.0
Lapland																
047 Enontekiö	88 735	91.3	8 478	8.7	151 443	84.4	28 040	15.6	311 515	61.4	196 170	38.6	551 692	70.3	232 688	29.7
148 Inari	690 962	97.0	21 513	3.0	260 644	78.3	72 040	21.7	175 926	40.1	262 280	59.9	1 127 531	76.0	355 833	24.0
240 Kemi	5 108	76.6	1 564	23.4	2	2.4	86	97.6	49	23.1	163	76.9	5 159	74.0	1 813	26.0
241 Kemijärvi	27 474	60.8	17 722	39.2	70	1.7	4 124	98.3	88	1.3	6 974	98.7	27 633	48.9	28 820	51.1
261 Kittilä	385 620	84.5	70 528	15.5	25 339	17.0	123 827	83.0	9 361	5.0	177 675	95.0	420 321	53.0	372 030	47.0
273 Kolari	127 342	76.0	40 185	24.0	1 634	3.6	44 343	96.4	1 847	6.0	29 112	94.0	130 822	53.5	113 640	46.5
320 Kemijärvi	191 581	75.2	63 214	24.8	2 324	5.1	42 872	94.9	808	2.2	35 633	97.8	194 713	57.9	141 719	42.1
498 Muonio	119 661	93.6	8 118	6.4	7 374	26.7	20 271	73.3	4 556	15.0	25 752	85.0	131 590	70.8	54 141	29.2
583 Pelkosenniemi	87 836	75.9	27 954	24.1	1 853	6.0	28 813	94.0	665	2.1	31 020	97.9	90 354	50.7	87 787	49.3
614 Posio	164 136	78.7	44 315	21.3	3 357	8.1	38 185	91.9	825	2.1	39 073	97.9	168 318	58.1	121 573	41.9
683 Ranua	126 087	61.9	77 761	38.1	2 198	3.5	60 002	96.5	814	1.3	59 855	98.7	129 099	39.5	197 618	60.5
698 Rovaniemi	400 093	73.2	146 764	26.8	5 889	5.5	100 221	94.5	1 938	2.9	64 915	97.1	407 919	56.7	311 900	43.3
732 Salla	316 477	83.9	60 868	16.1	15 048	16.6	75 597	83.4	2 154	2.5	85 632	97.5	333 680	60.0	222 097	40.0
742 Savukoski	403 678	91.0	39 818	9.0	20 213	20.5	78 265	79.5	6 423	7.0	85 755	93.0	430 314	67.9	203 838	32.1
751 Simo	44 807	50.5	43 866	49.5	645	3.6	17 241	96.4	184	0.6	28 273	99.4	45 636	33.8	89 380	66.2
758 Sodankylä	587 300	88.4	77 022	11.6	37 168	20.8	141 193	79.2	47 123	15.5	256 340	84.5	671 591	58.6	474 555	41.4
845 Tervola	61 311	56.8	46 598	43.2	341	1.7	19 447	98.3	470	2.9	15 459	97.1	62 121	43.3	81 504	56.7
851 Tornio	45 861	57.0	34 661	43.0	154	1.4	10 835	98.6	227	2.2	9 904	97.8	46 242	45.5	55 400	54.5
854 Pello	95 181	71.3	38 236	28.7	1 534	7.3	19 372	92.7	322	3.1	9 952	96.9	97 036	59.0	67 560	41.0
890 Utsjoki	11 476	93.2	839	6.8	73 186	93.9	4 778	6.1	343 885	82.4	73 485	17.6	428 547	84.4	79 102	15.6
976 Ylitornio	78 522	56.5	60 456	43.5	2 475	8.1	28 203	91.9	373	1.9	19 492	98.1	81 369	42.9	108 151	57.1
Total	4 059 245	81.4	930 479	18.6	612 890	39	957 754	61.0	909 551	37.5	1 512 915	62.5	5 581 687	62.1	3 401 148	37.9

Table 2b. Area and mean volume of growing stock on mineral soils and peatlands on forest land and forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Mineral soil		Forest land			Total		Forest and poorly productive forest land					
	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	
609 Pori	46 626	156.8	7 968	139.7	54 593	154.3	47 345	155.1	8 593	131.7	55 938	151.5	
631 Pyhäranta	8 770	158.5	1 137	151.2	9 907	157.6	9 217	152.8	1 218	142.9	10 436	151.6	
636 Pöytyä	32 771	158.1	9 643	155.5	42 414	157.5	33 458	155.5	11 333	136.6	44 792	150.7	
680 Raisio	1 779	150.3	133	179.3	1 913	152.3	1 969	140.4	135	177.3	2 104	142.8	
684 Rauma	27 916	151.3	3 928	141.6	31 843	150.1	29 382	146.1	4 207	134.2	33 590	144.7	
704 Rusko	5 310	174.1	984	163.0	6 295	172.4	5 526	169.1	1 098	149.1	6 623	165.8	
734 Salo	94 617	162.7	13 825	186.4	108 442	165.7	100 945	154.8	15 264	172.1	116 209	157.1	
738 Sauvo	11 644	150.3	1 080	182.3	12 725	153.0	13 091	138.3	1 114	177.9	14 204	141.4	
747 Siikainen	25 747	146.4	8 313	131.3	34 060	142.7	26 848	142.4	9 550	117.9	36 398	136.0	
761 Somero	28 599	172.1	5 161	185.2	33 760	174.1	28 933	170.4	5 589	172.8	34 521	170.8	
783 Säkyliä	8 013	142.3	1 935	166.4	9 948	147.0	8 210	139.8	2 083	156.8	10 293	143.2	
833 Taivassalo	6 401	145.8	396	141.9	6 797	145.5	7 800	128.3	445	129.5	8 245	128.3	
838 Tarvasjoki	3 850	160.7	469	196.1	4 319	164.5	3 942	157.8	496	187.3	4 438	161.1	
853 Turku-Åbo	9 180	158.2	883	179.4	10 063	160.1	9 966	149.6	932	171.5	10 898	151.5	
886 Ulvila	22 222	161.7	5 668	136.4	27 890	156.5	22 310	161.3	6 301	125.8	28 611	153.5	
895 Uusikaupunki	27 979	149.8	2 479	146.7	30 458	149.6	30 855	140.2	2 711	137.2	33 566	139.9	
918 Vehmaa	9 345	140.5	878	138.6	10 223	140.4	9 937	135.1	977	129.2	10 914	134.5	
Total	806 779	154.0	172 511	145.4	979 290	152.5	842 956	149.3	193 833	132.6	1 036 789	146.2	
Häme-Uusimaa													
016 Asikkala	35 844	173.1	5 299	163.5	41 143	171.8	35 924	172.8	5 557	157.1	41 481	170.7	
018 Askola	10 470	151.3	1 035	145.7	11 504	150.8	10 614	150.0	1 079	140.9	11 693	149.2	
061 Forssa	11 727	173.4	2 068	164.3	13 794	172.1	11 773	172.8	2 258	152.7	14 031	169.6	
081 Hartola	37 882	171.0	7 016	150.6	44 898	167.8	37 979	170.6	7 451	143.4	45 430	166.2	
082 Hattula	19 290	166.5	4 511	171.7	23 800	167.5	19 327	166.2	5 068	155.1	24 395	163.9	
086 Hausjärvi	17 846	157.2	2 983	158.1	20 829	157.3	18 015	156.1	3 428	140.6	21 443	153.6	
098 Hollola	26 082	165.8	2 952	147.6	29 034	163.9	26 122	165.6	3 165	139.2	29 287	162.7	
103 Humppila	6 324	160.9	959	150.2	7 283	159.4	6 363	160.0	1 067	137.9	7 431	156.8	
106 Hyvinkää	15 726	161.6	3 983	165.7	19 710	162.4	15 924	160.1	4 559	147.7	20 482	157.3	
109 Hämeenlinna	106 603	174.2	22 385	166.5	128 988	172.9	106 781	174.0	23 848	157.8	130 629	171.0	
111 Heinola	50 658	172.2	7 055	158.1	57 713	170.5	50 897	171.6	7 407	152.1	58 304	169.1	
165 Janakkala	27 822	166.9	5 930	167.3	33 752	166.9	27 950	166.3	6 578	152.9	34 528	163.7	
169 Jokioinen	7 364	170.2	722	175.5	8 086	170.7	7 408	169.4	787	163.3	8 195	168.8	
186 Järvenpää	1 215	150.3	101	167.1	1 316	151.6	1 234	148.6	102	165.8	1 336	149.9	
224 Karkkila	14 555	169.1	2 307	171.1	16 862	169.3	14 726	167.5	2 474	160.9	17 200	166.6	
245 Kerava	1 063	159.1	122	187.0	1 185	162.0	1 085	156.7	126	182.4	1 211	159.4	
283 Hämeenkoski	10 427	162.2	1 327	145.1	11 753	160.3	10 443	162.0	1 376	141.2	11 820	159.6	
316 Kärkölä	11 830	148.5	2 034	148.2	13 863	148.5	11 871	148.2	2 361	131.6	14 231	145.4	
398 Lahti	6 038	162.7	556	154.4	6 594	162.0	6 078	162.0	634	138.5	6 712	159.8	
433 Loppi	34 938	166.0	8 048	163.4	42 987	165.5	35 249	164.8	8 981	148.5	44 230	161.5	
444 Lohja	52 388	158.8	6 078	175.4	58 466	160.5	53 689	155.9	6 485	165.4	60 175	156.9	
504 Myrskylä-Mörskom	10 862	149.6	1 126	151.0	11 988	149.7	11 044	148.1	1 182	145.8	12 226	147.8	
505 Mäntsälä	29 003	157.5	5 638	152.1	34 640	156.6	29 204	156.7	6 202	141.1	35 406	154.0	
532 Nastola	19 093	155.5	2 558	159.1	21 651	155.9	19 226	154.8	2 714	152.7	21 940	154.6	
543 Nurmijärvi	15 793	143.7	1 778	159.1	17 571	145.3	16 155	141.4	1 914	149.5	18 070	142.2	
560 Orimattila	39 920	145.5	3 647	145.5	43 567	145.5	40 326	144.6	3 847	139.8	44 172	144.2	
576 Padasjoki	36 214	185.1	6 630	164.2	42 844	181.9	36 288	184.9	7 052	156.1	43 340	180.2	
611 Pornainen	7 240	163.8	907	157.9	8 146	163.2	7 375	161.6	995	146.6	8 370	159.9	
616 Pukkila	6 354	143.8	739	145.9	7 093	144.0	6 404	143.1	790	138.1	7 194	142.5	
694 Riihimäki	5 552	157.0	1 129	168.5	6 681	158.9	5 584	156.3	1 197	161.0	6 780	157.1	
781 Sysmä	47 321	170.1	6 142	149.7	53 463	167.7	47 424	169.8	6 359	145.5	53 784	166.9	
834 Tammela	34 312	176.1	10 110	171.9	44 422	175.2	34 514	175.2	11 409	154.7	45 923	170.1	
858 Tuusula	9 241	147.3	1 143	167.4	10 384	149.5	9 367	145.8	1 199	161.1	10 565	147.5	
927 Vihti	28 266	167.0	3 546	176.1	31 813	168.0	28 994	163.9	3 745	167.8	32 739	164.4	
981 Ypäjä	7 007	176.5	929	179.5	7 936	176.9	7 056	175.5	1 000	169.1	8 056	174.7	
Total	802 270	165.9	133 490	162.4	935 760	165.4	808 414	164.9	144 394	152.0	952 807	163.0	
Kaakkois-Suomi													
075 Hamina	36 820	142.6	6 478	150.0	43 297	143.7	37 237	141.5	6 856	143.3	44 092	141.7	
142 Iitti	34 211	170.8	4 170	175.4	38 381	171.3	34 723	169.1	4 440	167.8	39 163	168.9	
153 Imatra	8 312	159.2	1 117	149.2	9 429	158.0	8 344	158.7	1 129	147.9	9 473	157.4	
285 Kotka	14 869	136.6	2 499	160.4	17 368	140.0	15 058	135.4	2 709	151.1	17 767	137.8	
286 Kouvola	143 634	167.5	26 456	160.0	170 089	166.3	144 714	166.5	28 468	151.2	173 181	164.0	
405 Lappeenranta	81 557	149.1	17 717	143.2	99 274	148.0	82 021	148.5	18 424	138.5	100 446	146.6	
416 Lemi	12 798	145.3	2 352	149.1	15 150	145.9	12 842	145.0	2 417	145.7	15 259	145.1	
441 Luumäki	43 507	151.1	14 120	144.6	57 626	149.5	43 742	150.5	14 978	137.8	58 720	147.3	
489 Miehikkälä	25 914	148.1	5 353	147.7	31 267	148.0	26 172	147.0	5 612	141.8	31 783	146.1	
580 Parikkala	37 207	156.4	6 365	140.9	43 572	154.2	37 348	156.0	6 535	137.9	43 883	153.3	
624 Pyhtää-Pyttis	18 626	152.6	3 102	166.0	21 728	154.5	18 978	150.8	3 504	151.5	22 482	150.9	
689 Rautjärvi	24 529	132.9	4 336	131.6	28 865	132.7	24 645	132.4	4 473	128.4	29 118	131.8	
700 Ruokolahti	66 644	154.5	15 176	146.2	81 820	152.9	66 982	153.9	15 604	142.9	82 585	151.8	
739 Savitaipale	36 036	146.0	7 098	144.5	43 134	145.8	36 234	145.5	7 466	139.0	43 699	144.4	
831 Taipalsaari	24 167	142.5	3 682	148.4	27 849	143.3	24 317	141.9	3 800	144.5	28 117	142.3	
935 Virolahti	22 339	144.3	3 555	150.7	25 894	145.2	22 660	142.8	3 780	143.4	26 440	142.9	
Total	631 166	153.8	123 577	150.0	754 744	153.2	636 017	153.0	130 193	143.9	766 210	151.4	
Pirkanmaa													
020 Akaa	13 787	168.6	2 658	158.2	16 445	166.9	13 810	168.4	2 790	151.8	16 600	165.6	
108 Hämeenkyrö	26 523	152.5	5 241	149.3	31 764	152.0	26 600	152.2	5 724	139.2	32 324	149.9	
143 Ikaalinen	45 280	142.4	12 025	130.5	57 305	139.9	45 491	142.0	13 215	121.2	58 707	137.3	
177 Juupajoki	17 334	151.8	3 346	147.0	20 680	151.1	17 345	151.8	3 543	140.1	20 888	149.8	
211 Kangasala	40 420	176.7	5 814	167.7	46 234	175.6	40 476	176.5	6 156	159.8	46 633	174.3	
250 Kihniö	17 400	125.6	9 893	118.8	27 292	123.1	17 499	125.1	10 972	109.6	28 471	119.1	
418 Lempäälä	15 602	170.5	1 922	175.9	17 524	171.1	15 640	170.1	2 032	167.6	17 672	169.8	

Table 2b. Area and mean volume of growing stock on mineral soils and peatlands on forest land and forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Forest land						Forest and poorly productive forest land					
	Mineral soil		Peatland		Total		Mineral soil		Peatland		Total	
	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha
508 Mänttä-Vilppula	37 092	154.3	6 929	145.0	44 020	152.8	37 183	154.0	7 226	139.9	44 409	151.7
536 Nokia	17 522	162.8	1 889	163.8	19 411	162.9	17 564	162.5	1 993	156.7	19 557	161.9
562 Orivesi	55 108	168.1	8 298	153.0	63 406	166.1	55 126	168.1	8 806	145.3	63 932	164.9
581 Parkano	42 489	126.4	22 788	112.2	65 277	121.5	42 811	125.9	26 263	100.7	69 074	116.3
604 Pirkkala	4 533	158.3	415	179.2	4 948	160.0	4 544	158.0	445	168.5	4 989	158.9
619 Punkalaidun	16 271	168.9	2 569	149.8	18 841	166.3	16 351	168.2	2 861	136.6	19 212	163.5
635 Pälkäne	36 194	184.7	5 135	172.9	41 330	183.3	36 226	184.6	5 363	166.4	41 589	182.3
702 Ruovesi	54 981	157.7	8 823	134.3	63 804	154.5	55 124	157.5	9 611	124.8	64 735	152.6
790 Sastamala	82 904	159.6	13 320	150.0	96 224	158.2	83 243	159.1	14 663	139.1	97 906	156.1
837 Tampere	33 367	170.3	4 167	162.6	37 533	169.4	33 407	170.1	4 425	154.5	37 832	168.3
887 Urjala	25 549	170.6	4 426	163.4	29 975	169.5	25 632	170.1	4 845	151.4	30 477	167.1
908 Valkeakoski	14 335	172.7	2 075	177.0	16 410	173.2	14 349	172.6	2 202	168.2	16 551	172.0
922 Vesilähti	18 559	174.4	2 069	172.6	20 628	174.2	18 611	174.0	2 191	164.4	20 802	173.0
936 Virrat	70 475	133.9	21 923	119.1	92 398	130.4	70 811	133.5	24 706	108.9	95 517	127.1
980 Ylöjärvi	71 290	152.7	18 937	137.2	90 227	149.4	71 533	152.4	20 913	126.9	92 446	146.6
Total	757 015	156.9	164 662	138.2	921 677	153.6	759 376	156.6	180 947	128.1	940 322	151.1
Etelä-Savo												
046 Enonkoski	23 648	158.5	3 071	140.9	26 719	156.4	23 763	157.9	3 110	139.5	26 873	155.8
090 Heinävesi	76 605	158.5	15 864	144.0	92 469	156.0	76 761	158.2	16 174	141.8	92 935	155.4
097 Hirvensalmi	33 966	163.9	5 547	145.0	39 513	161.3	34 073	163.5	5 996	136.7	40 069	159.5
171 Joroinen	33 324	151.2	11 032	151.6	44 356	151.3	33 395	150.9	11 506	146.9	44 901	149.9
178 Juva	73 655	159.3	22 440	157.5	96 095	158.9	73 938	158.8	23 674	151.3	97 612	157.0
213 Kangasniemi	73 900	149.0	18 152	143.3	92 052	147.9	74 086	148.7	18 981	139.2	93 067	146.8
491 Mikkei	172 889	163.6	38 195	150.9	211 083	161.3	173 587	163.1	40 240	145.2	213 827	159.7
507 Mäntyharju	71 833	168.9	12 104	150.1	83 937	166.2	72 239	168.2	13 024	142.2	85 264	164.2
588 Pertunmaa	26 874	169.8	4 656	143.9	31 530	166.0	26 937	169.5	4 978	136.6	31 915	164.4
593 Pieksämäki	93 538	144.9	39 494	135.5	133 032	142.1	93 667	144.7	41 245	131.0	134 913	140.6
623 Puumala	62 049	146.7	7 680	151.2	69 730	147.2	62 482	146.2	7 939	147.3	70 421	146.3
681 Rantasalmi	35 920	149.7	8 302	151.1	44 222	150.0	36 045	149.3	8 568	147.4	44 613	148.9
740 Savonlinna	160 503	155.1	30 210	144.1	190 713	153.3	161 268	154.5	31 067	140.8	192 334	152.3
768 Sulkava	43 257	135.9	6 626	138.9	49 883	136.3	43 488	135.4	6 826	135.5	50 315	135.4
Total	981 959	155.8	223 375	146.0	1 205 334	154.0	985 729	155.4	233 329	141.3	1 219 058	152.7
Etelä-Pohjanmaa												
005 Alajärvi	43 822	117.5	27 801	107.0	71 623	113.4	44 143	116.8	31 919	96.4	76 062	108.3
010 Alavus	49 962	122.1	25 114	112.8	75 077	119.0	50 445	121.2	28 469	102.6	78 914	114.5
052 Evijärvi	13 272	108.9	10 345	113.5	23 617	110.9	13 321	108.5	12 067	100.7	25 388	104.8
074 Halsua	15 271	103.3	11 775	95.5	27 046	99.9	15 652	101.7	14 893	80.0	30 544	91.1
145 Ilmajoki	22 915	120.4	9 851	113.5	32 766	118.4	23 219	119.2	10 807	105.9	34 025	115.0
151 Isojoki	29 221	130.7	15 840	124.1	45 061	128.4	30 121	128.3	18 401	110.0	48 522	121.3
152 Isokyrö	13 433	118.7	5 931	112.5	19 363	116.8	13 560	117.8	6 574	103.7	20 134	113.2
164 Jalasjärvi	31 822	117.6	17 204	108.1	49 026	114.2	32 084	116.8	19 725	97.7	51 809	109.5
217 Kannus	16 783	108.9	15 233	111.9	32 016	110.3	17 053	107.7	17 484	100.9	34 537	104.3
218 Karijoki	8 164	123.7	4 116	137.3	12 281	128.2	8 244	122.9	4 552	126.6	12 796	124.2
232 Kauhajoki	48 751	116.2	29 921	109.6	78 672	113.7	50 816	113.4	35 703	95.8	86 519	106.2
233 Kauhava	52 011	113.5	24 590	112.1	76 601	113.0	52 656	112.3	27 680	102.3	80 336	108.9
236 Kaustinen	12 736	116.3	10 509	110.7	23 245	113.8	12 811	115.8	12 257	98.3	25 068	107.2
272 Kokkola-Karleby E-Pohjanmaa	44 124	107.7	30 748	110.3	74 872	108.8	44 720	106.8	36 905	95.7	81 624	101.8
300 Kuortane	20 312	122.4	11 561	117.5	31 873	120.6	20 461	121.7	12 795	108.7	33 256	116.7
301 Kurikka	40 950	122.0	17 851	121.4	58 802	121.8	41 324	121.2	20 117	110.6	61 442	117.7
399 Laihia	21 745	132.8	11 174	131.6	32 919	132.4	21 802	132.6	12 374	120.9	34 176	128.3
403 Lappajärvi	17 305	117.1	11 394	113.8	28 699	115.8	17 393	116.5	13 191	101.8	30 585	110.2
408 Lapua	27 319	129.8	15 173	116.9	42 491	125.2	27 510	129.1	17 281	105.6	44 791	120.0
421 Lestijärvi	19 001	106.5	14 683	107.3	33 684	106.8	19 256	105.5	17 794	92.3	37 050	99.2
584 Perho	28 204	114.4	20 855	99.5	49 059	108.1	28 577	113.4	26 760	82.0	55 337	98.2
743 Seinäjoki	56 707	113.9	29 308	108.6	86 016	112.1	57 236	113.0	33 862	97.2	91 098	107.1
759 Soini	25 205	124.2	15 906	106.2	41 111	117.2	25 336	123.8	18 823	93.5	44 158	110.9
846 Teuva	23 977	126.0	12 325	128.0	36 302	126.7	24 195	125.2	14 136	114.7	38 330	121.3
849 Toholampi	21 610	105.2	16 816	106.1	38 426	105.6	21 821	104.4	20 450	91.3	42 271	98.0
924 Veteli	16 600	115.5	14 566	107.7	31 166	111.8	16 715	114.9	17 814	91.9	34 529	103.1
934 Vimpeli	11 019	117.9	7 357	107.5	18 375	113.7	11 082	117.4	8 794	93.8	19 876	106.9
989 Ähtäri	41 756	131.3	23 069	111.7	64 825	124.3	41 964	130.9	25 759	102.9	67 723	120.2
Total	773 996	118.3	461 019	111.6	1 235 015	115.8	783 517	117.3	537 385	99.2	1 320 902	109.9
Keski-Suomi												
077 Hankasalmi	35 398	141.0	9 584	131.1	44 982	138.9	35 436	140.8	9 782	129.2	45 218	138.3
172 Joutsa	58 430	158.0	14 191	139.4	72 621	154.3	58 559	157.7	15 084	133.2	73 643	152.7
179 Jyväskylä	81 135	153.9	12 721	136.1	93 856	151.4	81 320	153.6	13 193	132.5	94 513	150.7
182 Jämsä	109 310	158.9	22 056	141.0	131 366	155.9	109 457	158.8	23 074	136.2	132 531	154.9
216 Kannonkoski	28 987	132.0	9 008	125.0	37 994	130.3	29 322	131.2	9 654	118.7	38 975	128.1
226 Karstula	42 729	132.9	26 130	114.8	68 859	126.0	42 973	132.4	29 388	104.9	72 361	121.2
249 Keuruu	79 810	142.7	27 084	126.0	106 894	138.4	80 070	142.4	29 193	118.9	109 263	136.1
256 Kinnula	23 023	119.2	13 608	117.7	36 630	118.7	23 304	118.2	15 370	107.1	38 673	113.8
265 Kivijärvi	28 585	118.9	11 826	114.6	40 411	117.6	28 810	118.3	13 431	103.7	42 241	113.7
275 Konnevesi	36 022	131.6	7 807	126.5	43 829	130.7	36 046	131.5	7 961	124.6	44 007	130.3
291 Kuhmoinen	50 322	168.6	7 752	142.3	58 074	165.1	50 390	168.4	8 052	138.2	58 442	164.2
312 Kyyjärvi	18 268	118.9	14 805	108.2	33 073	114.1	18 386	118.3	17 392	95.6	35 778	107.3
410 Laukaa	42 484	147.3	6 744	133.8	49 228	145.4	42 558	147.1	6 898	131.5	49 456	145.0
435 Luhanka	16 611	164.9	1 737	137.6	18 348	162.3	16 641	164.6	1 784	134.8	18 425	161.8
495 Multia	42 082	142.0	20 371	119.6	62 453	134.7	42 209	141.8	22 539	110.7	64 748	

Table 2b. Area and mean volume of growing stock on mineral soils and peatlands on forest land and forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Forest land						Forest and poorly productive forest land						
	Mineral soil		Peatland		Total		Mineral soil		Peatland		Total		
	Municipality	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha
729 Saarijärvi	74 851	137.0	26 321	129.2	101 172	135.0	75 339	136.5	28 570	121.1	103 909	132.3	
850 Toivakka	25 762	153.7	4 891	138.5	30 653	151.3	25 822	153.4	5 061	135.3	30 883	150.5	
892 Uurainen	20 811	138.0	7 509	132.7	28 320	136.6	20 891	137.7	8 179	124.1	29 070	133.9	
931 Viitasaari	83 062	134.5	22 951	130.0	106 014	133.5	83 564	134.0	24 182	124.6	107 746	131.9	
992 Äänekoski	61 921	147.9	12 079	142.1	74 000	147.0	62 176	147.6	12 527	138.1	74 702	146.0	
Total	1 057 310	144.0	317 551	127.2	1 374 861	140.2	1 061 435	143.7	343 038	119.8	1 404 473	137.8	
Pohjois-Savo													
140 Iisalmi	43 650	131.9	11 791	128.6	55 442	131.2	43 650	131.9	12 186	125.1	55 836	130.4	
174 Juankoski	29 296	145.9	6 061	126.3	35 357	142.5	29 310	145.8	6 269	122.8	35 580	141.7	
204 Kaavi	46 466	144.6	12 145	124.5	58 611	140.5	46 487	144.6	12 702	119.9	59 189	139.3	
239 Keitele	26 951	141.3	13 379	136.0	40 330	139.6	27 023	141.1	13 971	131.2	40 994	137.7	
263 Kiuruvesi	58 558	124.8	36 954	113.3	95 511	120.3	58 634	124.6	39 856	106.8	98 490	117.4	
297 Kuopio	152 912	154.2	31 614	137.4	184 526	151.3	153 175	154.1	32 381	134.7	185 556	150.7	
402 Lapinlahti	62 593	138.0	21 096	129.9	83 689	136.0	62 614	138.0	22 021	125.4	84 635	134.7	
420 Leppävirta	80 120	158.5	15 897	140.5	96 017	155.5	80 204	158.4	16 179	138.7	96 383	155.1	
476 Maaninka	27 498	139.3	6 346	144.1	33 844	140.2	27 549	139.2	6 509	141.0	34 057	139.5	
595 Pielavesi	65 585	143.5	29 026	137.4	94 611	141.7	65 698	143.3	30 304	132.7	96 003	140.0	
686 Rautalammi	35 427	141.4	9 008	129.9	44 434	139.1	35 445	141.4	9 195	127.8	44 640	138.6	
687 Rautavaara	61 740	130.0	35 323	112.3	97 063	123.5	61 887	129.7	40 022	101.6	101 909	118.7	
778 Siilinjärvi	22 701	139.2	3 768	134.9	26 469	138.6	22 732	139.1	3 835	132.9	26 567	138.2	
762 Sonkajärvi	75 800	121.3	44 332	111.5	120 132	117.7	75 936	121.1	49 091	103.1	125 027	114.0	
778 Suonenjoki	44 052	144.6	16 293	136.3	60 345	142.4	44 112	144.5	16 686	133.7	60 798	141.5	
844 Tervo	23 421	142.9	6 248	140.9	29 669	142.5	23 443	142.8	6 393	138.3	29 836	141.8	
857 Tuusniemi	38 545	156.0	7 191	140.0	45 735	153.5	38 594	155.9	7 341	137.6	45 934	153.0	
915 Varkaus	26 511	162.8	5 427	153.1	31 938	161.1	26 566	162.5	5 529	151.0	32 095	160.5	
921 Vesanto	27 709	146.7	7 458	134.6	35 167	144.1	27 729	146.6	7 620	132.3	35 349	143.5	
925 Vieremä	44 757	124.7	24 823	113.0	69 580	120.5	44 834	124.4	27 302	105.1	72 136	117.1	
Total	994 291	141.9	344 179	126.0	1 338 470	137.8	995 623	141.8	365 392	120.0	1 361 015	135.9	
Pohjois-Karjala													
146 Ilomantsi	134 270	130.1	84 263	114.9	218 533	124.2	134 375	130.0	102 919	97.7	237 295	116.0	
167 Joensuu	153 945	140.9	49 026	122.4	202 972	136.5	154 026	140.9	52 602	115.6	206 628	134.4	
176 Juuka	91 442	140.1	38 897	121.7	130 339	134.6	91 570	140.0	42 066	114.2	133 636	131.8	
260 Kitee	72 625	153.8	26 370	141.7	98 995	150.5	72 924	153.2	27 450	137.0	100 374	148.8	
276 Kontiolahti	52 800	143.2	15 614	121.5	68 414	138.3	52 827	143.2	16 464	116.5	69 291	136.8	
309 Outokumpu	26 358	151.4	9 309	131.7	35 667	146.3	26 365	151.4	9 653	127.7	36 018	145.0	
422 Lieksa	206 973	131.2	86 564	116.6	293 537	126.9	207 361	131.0	97 947	106.1	305 308	123.0	
426 Liperi	44 148	152.0	8 580	131.1	52 728	148.6	44 154	152.0	8 702	129.5	52 857	148.3	
541 Nurmee	96 483	127.7	40 823	112.2	137 306	123.1	96 612	127.6	45 310	103.1	141 922	119.8	
607 Polvijärvi	43 270	140.0	18 372	121.0	61 641	134.3	43 308	139.9	19 651	114.5	62 959	132.0	
707 Rääkkylä	25 008	153.0	7 868	132.7	32 876	148.1	25 059	152.7	8 093	129.5	33 153	147.1	
848 Rothmajärvi	44 837	148.9	20 340	126.8	65 177	142.0	44 879	148.8	21 317	121.9	66 196	140.1	
911 Valtimo	46 371	126.0	21 073	111.0	67 444	121.3	46 434	125.8	23 005	103.5	69 439	118.5	
Total	1 038 529	138.0	427 100	120.0	1 465 629	132.7	1 039 896	137.8	475 179	110.1	1 515 075	129.1	
Kainuu													
105 Hyrynsalmi	75 961	102.1	39 459	93.1	115 420	99.0	76 159	101.8	50 200	78.3	126 359	92.5	
205 Kajaani	79 063	113.3	65 435	104.7	144 497	109.4	79 280	113.0	76 703	92.9	155 983	103.1	
290 Kuhmo	250 790	111.3	145 675	103.2	396 465	108.3	251 167	111.2	177 058	89.0	428 225	102.0	
578 Paltamo	51 165	105.3	25 727	101.0	76 892	103.9	51 270	105.1	29 804	90.9	81 075	99.9	
620 Puolanka	126 922	93.3	65 688	90.3	192 610	92.3	127 385	93.0	89 531	72.8	216 916	84.6	
697 Ristijärvi	48 245	103.4	22 728	97.9	70 972	101.6	48 358	103.1	27 212	85.9	75 570	96.9	
765 Sotkamo	142 222	121.0	80 739	105.3	222 962	115.3	142 313	120.9	92 106	95.1	234 420	110.7	
777 Suomussalmi	286 291	94.1	119 126	81.4	405 417	90.3	287 315	93.7	172 060	63.2	459 375	82.3	
785 Vaala	42 956	83.7	43 029	89.9	85 985	86.8	43 529	82.9	57 625	73.3	101 154	77.4	
Total	1 103 615	103.8	607 605	96.1	1 711 219	101.1	1 106 777	103.5	772 299	80.6	1 879 077	94.1	
Pohjois-Pohjanmaa													
009 Alavieska	9 337	115.1	6 772	118.7	16 108	116.6	9 434	114.3	7 518	109.8	16 952	112.3	
069 Haapajärvi	32 703	118.9	24 394	114.4	57 097	117.0	32 860	118.5	26 654	106.8	59 514	113.3	
071 Haapavesi	34 294	104.6	41 708	107.3	76 002	106.1	34 562	104.1	46 529	98.6	81 092	100.9	
072 Halluoto	10 791	79.4	3 892	82.4	14 683	80.2	10 939	79.3	4 652	72.0	15 591	77.1	
208 Kalajoki	38 051	112.0	25 347	121.8	63 398	115.9	38 978	110.7	28 389	111.8	67 367	111.2	
139 Ii	58 949	81.8	44 060	79.4	103 009	80.8	59 300	81.4	60 951	62.9	120 251	72.0	
244 Kempele	3 348	103.9	2 277	99.8	5 625	102.3	3 352	103.9	2 801	85.2	6 153	95.4	
305 Kuusamo	283 292	89.8	77 558	70.2	360 850	85.6	285 258	89.3	133 169	50.0	418 427	76.8	
317 Kärsämäki	26 945	112.4	25 225	103.9	52 170	108.3	27 062	112.0	28 508	94.9	55 569	103.3	
425 Liminka	16 966	90.6	20 257	94.8	37 222	92.9	17 144	89.9	26 455	77.0	43 600	82.1	
436 Lumijoki	6 540	101.5	5 675	99.2	12 216	100.4	6 609	100.7	6 686	87.6	13 296	94.1	
483 Merijärvi	9 456	109.7	7 905	119.9	17 361	114.3	9 563	108.9	8 520	113.6	18 083	111.1	
494 Muhos	24 158	87.4	24 470	87.1	48 628	87.2	24 436	86.8	33 395	69.5	57 832	76.8	
535 Nivala	19 004	117.5	10 983	121.8	29 986	119.1	19 079	117.1	11 658	116.2	30 737	116.8	
563 Oulainen	23 902	104.1	20 327	111.7	44 229	107.6	24 105	103.7	22 392	103.6	46 497	103.6	
564 Oulu	109 628	98.5	89 521	93.5	199 149	96.2	110 369	97.8	121 021	74.5	231 390	85.6	
615 Pudasjärvi	226 094	86.3	139 895	83.5	365 989	85.2	227 688	85.8	215 508	60.9	443 197	73.7	
625 Pyhäjoki	22 335	103.5	19 313	115.8	41 649	109.2	22 759	102.4	21 139	108.1	43 899	105.2	
626 Pyhäsalmi	61 158	116.9	45 532	105.3	106 690	112.0	61 301	116.6	50 445	97.6	111 746	108.1	
630 Pyhäntä	26 790	102.3	31 886	95.4	58 676	98.5	26 960	101.7	39 256	82.1	66 216	90.1	
678 Raah	35 017	104.5	37 280	104.8	72 297	106.5	35 415	103.9	42 528	97.9	77 944	100.6	
691 Reisjärvi	19 541	124.0	14 014	116.7	33 556	121.0	19 705	123.3	15 823	106.3	35 527	115.7	
746 Sievi	29 299	106.3	24 557	105.8	53 856	106.1	29 595	105.5	29				

Table 2b. Area and mean volume of growing stock on mineral soils and peatlands on forest land and forest and poorly productive forest land by Forest Centre regions.

Forest Centre region Municipality	Mineral soil		Forest land			Forest and poorly productive forest land						
	ha	m ³ /ha	ha	m ³ /ha	Total ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	Total ha	m ³ /ha
859 Tyrnävä	13 324	97.4	13 966	95.6	27 290	96.5	13 410	97.0	17 700	80.2	31 110	87.4
889 Utajärvi	50 027	84.3	54 126	89.6	104 154	87.0	50 377	83.8	75 247	70.9	125 624	76.1
977 Ylivieska	22 997	110.1	18 044	118.1	41 041	113.7	23 116	109.8	19 583	111.1	42 699	110.4
Total	1 449 196	96.3	996 408	95.1	2 445 604	95.8	1 460 110	95.7	1 313 023	77.4	2 773 132	87.0
Lapland												
047 Enontekiö	88 735	63.4	8 478	19.6	97 212	59.6	240 177	32.5	36 518	17.2	276 695	30.5
148 Inari	690 962	71.6	21 513	33.5	712 475	70.4	951 606	60.8	93 553	23.8	1 045 158	57.5
240 Kemi	5 108	91.5	1 564	74.2	6 672	87.4	5 110	91.5	1 650	71.8	6 760	86.6
241 Keminmaa	27 474	88.7	17 722	86.1	45 196	87.7	27 544	88.5	21 846	73.9	49 390	82.1
261 Kittilä	385 620	70.2	70 528	53.0	456 149	67.6	410 960	67.8	194 356	34.1	605 316	56.9
273 Kolari	127 342	74.1	40 185	58.8	167 527	70.4	128 976	73.6	84 528	39.7	213 504	60.2
320 Kemijärvi	191 581	74.8	63 214	71.0	254 795	73.9	193 905	74.2	106 086	51.4	299 991	66.1
498 Muonio	119 661	71.6	8 118	56.3	127 779	70.7	127 034	69.4	28 389	31.6	155 423	62.5
583 Pelkosenniemi	87 836	70.8	27 954	66.8	115 790	69.8	89 689	69.9	56 766	44.4	146 455	60.0
614 Posio	164 136	80.2	44 315	71.2	208 451	78.3	167 493	79.2	82 500	47.8	249 993	68.8
683 Ranua	126 087	84.9	77 761	74.7	203 848	81.0	128 285	83.7	137 762	50.1	266 048	66.3
698 Rovaniemi	400 093	78.6	146 764	70.4	546 857	76.4	405 981	77.9	246 985	51.4	652 966	67.9
732 Salla	316 477	72.5	60 868	63.7	377 345	71.1	331 525	70.2	136 465	39.6	467 990	61.3
742 Savukoski	403 678	61.2	39 818	60.1	443 496	61.1	423 891	60.0	118 083	33.7	541 974	54.3
751 Simo	44 807	83.9	43 866	75.4	88 673	79.7	45 452	82.8	61 107	60.3	106 559	69.9
758 Sodankylä	587 300	63.9	77 022	50.6	664 322	62.4	624 467	62.1	218 215	32.7	842 682	54.5
845 Tervola	61 311	87.4	46 598	77.7	107 909	83.2	61 651	86.9	66 046	61.0	127 697	73.5
851 Tornio	45 861	98.0	34 661	77.1	80 522	89.0	46 015	97.7	45 496	63.9	91 511	80.9
854 Pello	95 181	80.0	38 236	65.7	133 416	75.9	96 715	79.1	57 608	52.1	154 322	69.0
890 Utsjoki	11 476	65.7	839	36.3	12 315	63.7	84 662	27.6	5 617	23.3	90 278	27.4
976 Ylitornio	78 522	75.4	60 456	68.9	138 977	72.5	80 996	73.8	88 659	54.4	169 655	63.7
Total	4 059 245	71.9	930 479	65.8	4 989 724	70.8	4 672 136	66.0	1 888 233	43.5	6 560 368	59.5

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land				Poorly productive forest land				Unproductive land				Total				
		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland		
		ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
Åland		4 149	91.5	386	8.5	1 596	97.7	38	2.3	2 947	98.0	59	2.0	8 692	94.7	482	5.3	
035 Brändö		5 279	90.3	566	9.7	1 551	95.9	65	4.1	1 067	86.2	170	13.8	7 897	90.8	802	9.2	
043 Eckerö		6 092	91.7	555	8.3	1 261	96.6	44	3.4	531	82.1	116	17.9	7 884	91.7	715	8.3	
060 Finström		6 965	93.5	485	6.5	1 956	97.0	60	3.0	1 340	95.8	59	4.2	10 261	94.4	604	5.6	
062 Föglö		3 242	92.3	271	7.7	1 765	98.3	31	1.7	1 259	94.8	70	5.2	6 265	94.4	371	5.6	
065 Geta		6 592	90.6	687	9.4	1 700	95.8	74	4.2	1 141	89.7	131	10.3	9 433	91.4	892	8.6	
076 Hammarland		6 701	91.0	665	9.0	1 059	94.9	57	5.1	426	77.1	127	22.9	8 186	90.6	849	9.4	
295 Kumlinge		3 847	92.0	333	8.0	1 655	97.1	49	2.9	2 390	97.1	72	2.9	7 892	94.6	454	5.4	
318 Kökar		1 252	92.6	99	7.4	831	97.1	25	2.9	3 018	98.7	39	1.3	5 100	96.9	163	3.1	
417 Lemland		5 886	89.2	716	10.8	1 157	94.2	72	5.8	781	88.4	102	11.6	7 824	89.8	890	10.2	
438 Lumparland		1 894	93.4	134	6.6	562	97.9	12	2.1	144	91.2	14	8.8	2 600	94.2	160	5.8	
478 Mariehamn-Maarianhamina		324	93.7	22	6.3	105	98.8	1	1.2	49	90.2	5	9.8	478	94.4	28	5.6	
736 Saltvik		6 392	92.7	502	7.3	2 456	98.0	51	2.0	1 374	93.8	91	6.2	10 222	94.1	644	5.9	
766 Sottunga		905	93.7	61	6.3	460	98.5	7	1.5	863	98.1	17	1.9	2 228	96.3	85	3.7	
771 Sund		5 259	93.1	392	6.9	1 606	97.1	48	2.9	403	81.4	92	18.6	7 268	93.2	533	6.8	
941 Vårdö		4 270	93.1	319	6.9	1 971	97.4	53	2.6	1 792	96.6	62	3.4	8 032	94.9	434	5.1	
Total		69 048	91.8	6 194	8.2	21 690	96.9	687	3.1	19 526	94.1	1 225	5.9	110 264	93.2	8 106	6.8	
Rannikko/Etelärannikko																		
049 Espoo-Esbo		12 253	90.4	1 302	9.6	748	91.1	73	8.9	167	63.7	95	36.3	13 168	90.0	1 470	10.0	
078 Hanko-Hangö		5 411	90.3	582	9.7	1 357	97.2	39	2.8	201	86.4	32	13.6	6 969	91.4	653	8.6	
091 Helsinki-Heisingfors		6 055	91.3	576	8.7	603	98.2	11	1.8	433	92.7	34	7.3	7 091	91.9	622	8.1	
092 Vantaa-Vanda		7 842	89.6	910	10.4	208	79.7	53	20.3	245	72.6	94	27.4	8 295	88.7	1 055	11.3	
149 Ingå-Inkoo		17 514	91.0	1 735	9.0	2 271	94.4	135	5.6	199	59.8	134	40.2	19 984	90.9	2 003	9.1	
235 Kauniainen-Grankulla		139	84.8	25	15.2	10	92.7	1	7.3	2	78.2	1	21.8	151	85.2	26	14.8	
257 Kirkkonummi-Kyrkslätt		17 033	89.9	1 921	10.1	1 946	92.3	161	7.7	222	63.8	126	36.2	19 201	89.7	2 208	10.3	
322 Kemijärvi		32 362	90.7	3 325	9.3	9 550	96.8	314	3.2	2 231	83.3	448	16.7	44 143	91.5	4 088	8.5	
434 Loviisa-Lovisa		17 035	89.6	1 973	10.4	281	70.3	119	29.7	0	0.0	41	100.0	17 316	89.0	2 133	11.0	
407 Lapinjärvi-Lappträsk		46 763	88.9	5 827	11.1	1 262	69.3	558	30.7	82	18.2	367	81.8	48 107	87.7	6 753	12.3	
445 Länsi-Turunmaa		41 517	94.0	2 670	6.0	12 339	98.6	180	1.4	4 638	94.4	274	5.6	58 493	94.9	3 124	5.1	
638 Porvoo-Borgå		34 838	91.5	3 248	8.5	1 301	84.8	233	15.2	143	39.0	224	61.0	36 282	90.7	3 705	9.3	
710 Raasepori		61 068	89.1	7 434	10.9	7 995	92.9	612	7.1	244	30.6	555	69.4	69 307	89.0	8 601	11.0	
753 Sipoo-Sibbo		16 308	92.0	1 414	8.0	642	92.0	56	8.0	166	71.6	66	28.4	17 116	91.8	1 536	8.2	
755 Siuntio-Sjundeå		11 568	90.9	1 162	9.1	746	91.0	73	9.0	20	20.1	81	79.9	12 334	90.4	1 317	9.6	
Total		327 706	90.6	34 105	9.4	41 259	94	2 619	6	8 994	77.8	2 570	22.2	377 958	90.6	39 293	9.4	
Rannikko/Pohjanmaan rannikko																		
231 Kaskinen-Kaskö		570	90.4	60	9.6	15	78.5	4	21.5	37	62.8	22	37.2	622	87.8	86	12.2	
272 Kokkola-Karleby Rannikko		16 839	79.7	4 287	20.3	126	35.7	228	64.3	84	24.9	253	75.1	17 049	78.1	4 767	21.9	
280 Korsnäs		13 090	78.8	3 518	21.2	133	36.5	231	63.5	64	14.1	388	85.9	13 286	76.3	4 136	23.7	
287 Kristinestad-		39 025	78.7	10 566	21.3	482	41.3	686	58.7	198	11.3	1 558	88.7	39 705	75.6	12 811	24.4	
288 Kronoby-Krunupyy		32 314	64.9	17 458	35.1	145	6.6	2 059	93.4	26	1.1	2 239	96.9	32 485	59.9	21 755	40.1	
440 Larsmo-Luoto		8 023	83.2	1 615	16.8	219	65.9	113	34.1	85	27.1	228	72.9	8 327	81.0	1 957	19.0	
475 Malax-Maalathi		25 194	73.2	9 211	26.8	135	11.1	1 081	88.9	62	3.7	1 587	96.3	25 390	68.1	11 879	31.9	
499 Korsholm-Mustasaari		43 736	82.0	9 601	18.0	531	43.2	697	56.8	341	17.3	1 629	82.7	44 608	78.9	11 927	21.1	

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

	Forest Centre region						Forest land						Poorly productive forest land						Unproductive land						Total					
	Municipality		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland		Mineral soil		Peatland					
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%						
545 Närpes-Närpiö	47 149	73.3	17 198	26.7	405	21.5	1 482	78.5	163	6.9	2 203	93.1	47 717	69.6	20 883	30.4														
598 Jakobstad-Pietarsaari	4 345	80.6	1 049	19.4	148	68.1	70	31.9	75	36.0	133	64.0	4 568	78.5	1 252	21.5														
599 Pedersöre-Pedersören kunta	37 224	67.7	17 744	32.3	1 451	13.0	1 677	87.0	73	4.8	1 454	95.2	37 549	64.3	20 876	35.7														
893 Nykarleby-Juusikaarlepyy	34 113	69.6	14 872	30.4	602	37.4	1 009	62.6	232	13.0	1 550	87.0	34 946	66.7	17 432	33.3														
905 Vaasa-Vasa	15 580	82.1	3 395	17.9	222	60	148	40	150	30.3	344	69.7	15 952	80.4	3 888	19.6														
946 Vörrå-Vöyri	39 994	78.1	11 225	21.9	500	35.1	923	64.9	146	8.2	1 649	91.8	40 641	74.7	13 797	25.3														
Total	357 196	74.6	121 799	25.4	3 916	27.3	10 409	72.7	1 733	10.2	15 238	89.8	362 845	71.1	147 446	28.9														
Lounais-Suomi																														
019 Aura	3 435	88.4	450	11.6	92	75.7	30	24.3	1	3.2	25	96.8	3 528	87.5	504	12.5														
050 Eura	28 614	83.2	5 790	16.8	567	59.7	383	40.3	0	0.0	223	100.0	29 181	82.0	6 396	18.0														
051 Eurajoki	18 131	87.3	2 649	12.7	352	70.5	148	29.5	0	0.0	0	0.0	18 483	86.9	2 796	13.1														
079 Harjavalta	5 698	79.7	1 450	20.3	145	51.0	139	49.0	0	0.0	103	100.0	5 843	77.5	1 692	22.5														
099 Honkajoki	13 320	70.6	5 544	29.4	983	58.7	691	41.3	219	24.9	658	75.1	14 521	67.8	6 894	32.2														
102 Huittinen	21 585	83.5	4 276	16.5	131	28.3	331	71.7	2	1.1	219	98.9	21 718	81.8	4 826	18.2														
181 Jämijärvi	9 763	74.6	3 328	25.4	43	11.5	328	88.5	2	0.7	272	99.3	9 808	71.4	3 928	28.6														
202 Kaarina	5 801	91.8	516	8.2	402	97.2	12	2.8	41	62.6	24	37.4	6 244	91.9	552	8.1														
214 Kankaanpää	33 485	71.8	13 153	28.2	409	19.7	1 669	80.3	13	0.9	1 470	99.1	33 907	67.5	16 292	32.5														
230 Karvia	17 792	62.8	10 557	37.2	810	33.4	1 618	66.6	139	10.4	1 204	89.6	18 741	58.3	13 379	41.7														
271 Kokemäki	23 318	81.2	5 401	18.8	332	42.9	442	57.1	0	0.0	189	100.0	23 650	79.7	6 031	20.3														
284 Koski T.I.	6 664	83.4	1 328	16.6	75	46.6	85	53.4	0	0.3	90	99.7	6 739	81.8	1 504	18.2														
304 Kustavi	7 917	91.5	736	8.5	2 397	95.9	102	4.1	815	84.4	150	15.6	11 129	91.8	988	8.2														
319 Köyliö	10 515	73.0	3 895	27.0	135	24.0	429	76.0	4	1.1	320	98.9	10 653	69.6	4 644	30.4														
400 Laitila	26 655	83.8	5 140	16.2	1 094	59.2	753	40.8	0	0.0	763	100.0	27 750	80.7	6 657	19.3														
413 Lavia	19 493	81.9	4 307	18.1	154	24.1	484	75.9	1	0.4	344	99.6	19 648	79.3	5 135	20.7														
423 Lieto	7 635	89.7	877	10.3	495	90.5	52	9.5	4	6.2	56	93.8	8 133	89.2	984	10.8														
430 Loimaa	27 858	84.9	4 964	15.1	294	45.2	357	54.8	10	2.6	358	97.4	28 162	83.2	5 680	16.8														
442 Luvia	10 392	88.8	1 306	11.2	157	71.9	61	28.1	0	0.0	19	100.0	10 549	88.4	1 387	11.6														
480 Marttila	7 112	80.3	1 740	19.7	231	53.9	198	46.1	6	2.4	233	97.6	7 349	77.2	2 171	22.8														
481 Masku	7 185	92.0	622	8.0	474	93.0	36	7.0	50	55.1	40	44.9	7 709	91.7	698	8.3														
484 Merikarvia	26 496	78.5	7 245	21.5	173	20.8	662	79.2	53	4.4	1 160	95.6	26 722	74.7	9 067	25.3														
503 Mynämäki	24 041	80.1	5 966	19.9	907	57.5	672	42.5	6	1.0	606	99.0	24 954	77.5	7 244	22.5														
529 Naantali	15 000	94.5	878	5.5	3 749	98.5	57	1.5	619	87.3	90	12.7	19 368	95.0	1 024	5.0														
531 Nakkila	8 134	85.4	1 388	14.6	32	23.8	103	76.2	0	0.0	0	0.0	8 166	84.6	1 491	15.4														
538 Nousiainen	8 665	88.0	1 184	12.0	702	88.4	93	11.6	0	0.0	120	100.0	9 367	87.0	1 397	13.0														
561 Oripää	3 861	78.3	1 068	21.7	143	62.3	87	37.7	2	4.8	45	95.2	4 006	77.0	1 199	23.0														
577 Paimio	10 161	87.8	1 416	12.2	776	89.6	90	10.4	0	0.0	78	100.0	10 937	87.3	1 584	12.7														
608 Pomarkku	18 464	81.5	4 196	18.5	253	34.1	488	65.9	77	13	517	87.0	18 794	78.3	5 200	21.7														
609 Pori	44 836	85.6	7 563	14.4	586	54.0	499	46.0	0	0.0	262	100.0	45 422	84.5	8 324	15.5														
631 Pynhäranta	8 678	88.6	1 112	11.4	440	84.9	78	15.1	34	22.5	116	77.5	9 153	87.5	1 306	12.5														
636 Pöytyä	32 149	78.7	8 679	21.3	656	37.9	1 075	62.1	9	1.0	903	99.0	32 814	75.5	10 657	24.5														
680 Raisio	1 717	93.1	128	6.9	180	99.1	2	0.9	34	79.1	9	20.9	1 931	93.3	138	6.7														
684 Rauma	27 230	87.6	3 847	12.4	1 391	83.7	272	16.3	77	20.7	295	79.3	28 699	86.7	4 414	13.3														
704 Rusko	5 146	85.6	865	14.4	210	80.8	50	19.2	3	7.0	38	93.0	5 359	84.9	953	15.1														
734 Salo	93 018	87.6	13 150	12.4	6 241	84.7	1 126	15.3	71	6.0	1 110	94.0	99 330	86.6	15 386	13.4														

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

Forest Centre region			Forest land			Poorly productive forest land			Unproductive land			Total					
			Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha			
	Municipality																
	738 Sauvo	11 420	91.4	1 068	8.6	1 432	97.8	33	2.2	48	52.8	43	47.2	12 900	91.9	1 144	8.1
	747 Sirkka	25 273	76.2	7 881	23.8	1 090	51.6	1 022	48.4	309	18.6	1 352	81.4	26 671	72.2	10 255	27.8
	761 Simono	28 072	85.1	4 912	14.9	326	54.8	268	45.2	8	4.2	189	95.8	28 406	84.1	5 369	15.9
	783 Säkö	7 436	79.6	1 910	20.4	176	54.4	148	45.6	2	1.3	122	98.7	7 614	77.7	2 180	22.3
	833 Taivassalo	6 313	94.2	388	5.8	1 391	96.6	48	3.4	243	73.7	87	26.3	7 947	93.8	523	6.2
	838 Tarvasjoki	3 829	89.1	466	10.9	92	77.4	27	22.6	3	10.7	29	89.3	3 925	88.3	522	11.7
	853 Turku-Abu	8 374	91.8	752	8.2	736	96.0	31	4.0	131	74.7	44	25.3	9 241	91.8	827	8.2
	886 Ulvila	21 962	80.2	5 419	19.8	85	14.3	510	85.7	0	0.0	0	0.0	22 047	78.8	5 929	21.2
	895 Uusikaupunki	27 268	91.9	2 419	8.1	2 709	92.3	226	7.7	552	53.8	475	46.2	30 529	90.7	3 119	9.3
	918 Vehmaa	9 315	91.4	873	8.6	591	85.7	98	14.3	122	42.9	162	57.1	10 028	89.8	1 134	10.2
	Total	789 228	82.9	162 801	17.1	34 840	68.4	16 110	31.6	3 707	20.2	14 612	79.8	827 775	81.1	193 523	18.9
	Häme-Uusimaa																
	016 Asikkala	35 388	87.1	5 244	12.9	79	25.2	235	74.8	13	6.8	174	93.2	35 481	86.3	5 653	13.7
	018 Askola	10 466	91.0	1 034	9.0	144	76.6	44	23.4	0	0.0	55	100.0	10 610	90.4	1 132	9.6
	061 Forssa	11 668	85.4	1 998	14.6	47	20.7	179	79.3	3	1.7	168	98.3	11 717	83.3	2 345	16.7
	081 Hartola	37 325	84.4	6 898	15.6	95	19.5	393	80.5	38	10.5	327	89.5	37 458	83.1	7 617	16.9
	082 Hättälä	18 685	81.7	4 188	18.3	33	8.9	336	91.1	2	1.0	201	99.0	18 719	79.8	4 725	20.2
	086 Hausjärvi	17 820	86.3	2 820	13.7	168	51.5	159	48.5	10	9.1	95	90.9	17 998	85.4	3 074	14.6
	098 Hollola	25 778	90.0	2 870	10.0	38	21.0	145	79.0	14	9.1	142	90.9	25 830	89.1	3 156	10.9
	103 Humppila	6 313	87.1	932	12.9	39	29.8	92	70.2	3	2.8	91	97.2	6 355	85.1	1 116	14.9
	106 Hyvinkää	15 333	81.6	3 453	18.4	197	40.5	290	59.5	19	13.0	126	87.0	15 549	80.1	3 868	19.9
	109 Hämeenlinna	103 979	82.9	21 498	17.1	171	13.4	1 107	86.6	37	5.4	657	94.6	104 188	81.7	23 262	18.3
	111 Heinola	49 447	87.8	6 893	12.2	230	40.1	344	59.9	47	20.6	182	79.4	49 724	87.0	7 419	13.0
	165 Janakkala	27 447	83.0	5 604	17.0	124	23.1	415	76.9	17	7.5	213	92.5	27 589	81.6	6 232	18.4
	169 Jokioinen	7 317	91.8	649	8.2	43	52.5	39	47.5	1	1.2	43	98.8	7 360	91.0	731	9.0
	186 Järvenpää	1 137	92.4	93	7.6	19	94.7	1	5.3	18	59.9	12	40.1	1 174	91.7	106	8.3
	224 Karkkila	14 333	86.7	2 190	13.3	169	59.9	113	40.1	0	0.0	17	100.0	14 502	86.2	2 320	13.8
	245 Kerava	1 063	89.7	122	10.3	22	85.8	4	14.2	33	76.2	10	23.8	1 118	89.2	136	10.8
	283 Hämeenkoski	10 406	88.7	1 322	11.3	17	25.4	49	74.6	9	14.1	56	85.9	10 432	88.0	1 428	12.0
	316 Kärkölä	11 737	85.8	1 949	14.2	39	15.1	221	84.9	6	5.0	116	95.0	11 783	83.8	2 285	16.2
	398 Lahti	5 780	92.6	460	7.4	39	85.0	7	15.0	17	40.2	26	59.8	5 836	92.2	493	7.8
	433 Loppi	33 763	81.7	7 588	18.3	300	33.6	595	66.4	0	0.0	223	100.0	34 063	80.2	8 406	19.8
	444 Lohja	51 508	89.7	5 891	9.3	1 264	76.8	381	23.2	0	0.0	246	100.0	52 772	89.0	6 518	11.0
	504 Myrskylä-Mörskom	10 797	90.6	1 121	9.4	182	76.4	56	23.6	0	0.0	56	100.0	10 979	89.9	1 233	10.1
	505 Mäntsälä	28 652	84.5	5 256	15.5	201	31.3	441	68.7	0	0.0	184	100.0	28 853	83.1	5 881	16.9
	532 Nastola	18 861	88.2	2 513	11.8	130	46.2	152	53.8	79	32.8	162	67.2	19 071	87.1	2 827	12.9
	543 Nuormijärvi	15 693	90.5	1 654	9.5	360	79.8	91	20.2	58	33.4	115	66.6	16 110	89.6	1 861	10.4
	560 Orimattila	39 812	91.9	3 504	8.1	405	78.1	114	21.9	96	33.4	192	66.6	40 313	91.4	3 810	8.6
	576 Padasjoki	34 532	84.3	6 422	15.7	69	14.9	397	85.1	8	4.8	161	95.2	34 609	83.2	6 980	16.8
	611 Pormainen	7 209	89.3	859	10.7	136	74.5	46	25.5	0	0.0	18	100.0	7 344	88.8	924	11.2
	616 Pukila	6 317	89.6	733	10.4	51	59.1	35	40.9	0	0.0	35	100.0	6 368	88.8	802	11.2
	694 Riihimäki	5 385	83.0	1 104	17.0	31	31.7	67	68.3	6	10.7	47	89.3	5 422	81.6	1 219	18.4
	781 Sysmä	46 660	88.5	6 078	11.5	102	32.2	214	67.8	30	11.5	228	88.5	46 791	87.8	6 521	12.2
	834 Tammela	32 563	78.5	8 911	21.5	193	20.1	765	79.9	11	2.0	518	98.0	32 766	76.3	10 194	23.7

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

	Forest Centre region																			
	Municipality				Forest land				Poorly productive forest land				Unproductive land				Total			
	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%	Mineral soil ha	%	Peatland ha	%
858 Tuusula	9 159	89.0	1 137	11.0	126	69.4	56	30.6	7	7.5	89	92.5	9 292	87.9	1 281	12.1				
927 Vihti	25 803	88.4	3 067	10.6	584	78.6	159	21.4	0	0.0	154	100.0	26 387	88.6	3 381	11.4				
981 Ypäjä	6 983	88.4	920	11.6	49	44.4	62	55.6	4	7.9	41	92.1	7 036	87.3	1 023	12.7				
Total	785 117	86.1	126 973	13.9	5 897	43.0	7 805	57.0	585	10.1	5 180	89.9	791 599	85.0	139 959	15.0				
Kaakkois-Suomi																				
075 Hamina	36 288	85.1	6 367	14.9	405	52.5	367	47.5	97	22.5	334	77.5	36 790	83.9	7 068	16.1				
142 Iitti	33 894	89.1	4 126	10.9	509	65.7	265	34.3	89	41.1	127	58.9	34 492	88.4	4 518	11.6				
153 Imatra	8 297	88.2	1 115	11.8	32	74.0	11	26.0	7	19.6	30	80.4	8 337	87.8	1 156	12.2				
285 Kotka	14 321	85.6	2 401	14.4	174	47.4	193	52.6	60	44.4	75	55.6	14 554	84.5	2 669	15.5				
286 Kouvola	140 440	84.5	25 733	15.5	1 046	39.2	1 625	60.8	227	18.5	995	81.5	141 713	83.3	28 353	16.7				
405 Lappeenranta	80 929	82.2	17 497	17.8	462	42.5	625	57.5	0	0.0	954	100.0	81 391	81.0	19 075	19.0				
416 Lemi	12 760	84.5	2 346	15.5	45	40.8	65	59.2	7	2.5	264	97.5	12 811	82.7	2 675	17.3				
441 Luumäki	43 222	75.6	13 930	24.4	235	23.0	788	77.0	54	8.7	563	91.3	43 510	74.0	15 281	26.0				
489 Miehikkälä	25 797	83.0	5 268	17.0	257	52.7	231	47.3	48	13.8	301	86.2	26 103	81.8	5 800	18.2				
580 Pirkkala	36 675	85.5	6 234	14.5	140	47.3	155	52.7	21	8.4	231	91.6	36 836	84.8	6 620	15.2				
624 Pyhtää-Pyttis	17 980	87.3	2 614	12.7	347	60.4	228	39.6	48	30.8	109	69.2	18 376	86.2	2 950	13.8				
689 Rautjärvi	24 355	85.0	4 293	15.0	114	47.1	128	52.9	21	14.8	123	85.2	24 491	84.3	4 544	15.7				
700 Ruokolahti	66 268	81.4	15 116	18.6	336	44.1	426	55.9	72	9.4	698	90.6	66 676	80.4	16 240	19.6				
739 Savitaipale	35 465	83.4	7 035	16.6	190	35.5	346	64.5	60	12.3	430	87.7	35 715	82.1	7 810	17.9				
831 Taipalsaari	23 463	86.7	3 601	13.3	145	56.9	110	43.1	38	14.4	227	85.6	23 647	85.7	3 938	14.3				
935 Virolahti	22 157	86.3	3 522	13.7	317	58.5	225	41.5	82	21.2	306	78.8	22 556	84.8	4 053	15.2				
Total	622 311	83.7	121 198	16.3	4 754	45.1	5 787	54.9	932	13.9	5 767	86.1	627 998	82.5	132 752	17.5				
Pirkanmaa																				
020 Akaa	13 612	83.8	2 626	16.2	23	16.0	119	84.0	0	0.0	126	100.0	13 634	82.6	2 871	17.4				
108 Hämeenkyrö	26 400	83.6	5 182	16.4	77	14.1	471	85.9	16	7.1	210	92.9	26 493	81.9	5 862	18.1				
143 Ikaalinen	44 459	79.2	11 667	20.8	206	15.4	1 133	84.6	8	1.3	632	98.7	44 674	76.9	13 432	23.1				
177 Juupajoki	17 297	83.8	3 342	16.2	11	5.4	197	94.6	4	3.2	120	96.8	17 312	82.6	3 659	17.4				
211 Kangasala	39 771	87.4	5 743	12.6	56	14.5	328	85.5	7	2.5	284	97.5	39 834	86.2	6 355	13.8				
250 Kihniö	17 291	63.9	9 764	36.1	97	9.1	971	90.9	4	0.7	579	99.3	17 392	60.6	11 314	39.4				
418 Lempäälä	15 493	89.0	1 907	11.0	38	26.6	104	73.4	2	1.7	116	98.3	15 532	88.0	2 128	12.0				
508 Mänttä-Vilppula	36 441	84.2	6 855	15.8	90	23.4	295	76.6	12	4.1	274	95.9	36 542	83.1	7 423	16.9				
536 Nokia	17 043	90.7	1 742	9.3	42	30.6	95	69.4	6	7.1	74	92.9	17 091	89.9	1 911	10.1				
562 Orivesi	54 575	87.1	8 088	12.9	18	3.9	436	96.1	19	5.4	326	94.6	54 612	86.1	8 850	13.9				
481 Parkano	41 636	65.2	22 185	34.8	319	9.2	3 138	90.8	15	0.8	1 773	99.2	41 970	60.8	27 095	39.2				
604 Pirkkala	4 438	91.9	394	8.1	11	27.2	28	72.8	1	2.5	22	97.5	4 450	90.9	444	9.1				
619 Punkalaidun	16 258	87.1	2 405	12.9	80	31.0	178	69.0	3	1.1	255	98.9	16 341	85.2	2 839	14.8				
635 Pälkäne	36 008	87.7	5 068	12.3	31	15.6	168	84.4	4	2.1	200	97.9	36 044	86.9	5 435	13.1				
702 Ruovesi	50 405	86.8	7 692	13.2	123	20.5	479	79.5	11	3.6	285	96.4	50 539	85.7	8 457	14.3				
790 Sastamala	82 641	86.3	13 164	13.7	337	21.3	1 248	78.7	21	2.5	817	97.5	82 999	84.5	15 229	15.5				
837 Tampere	33 026	88.9	4 125	11.1	40	13.6	252	86.4	8	5.3	150	94.7	33 074	88.0	4 527	12				
887 Urjala	25 130	85.7	4 180	14.3	81	20.9	307	79.1	0	0.0	355	100.0	25 211	83.9	4 842	16.1				
908 Valkeakoski	13 955	87.6	1 976	12.4	13	10.7	112	89.3	2	1.6	123	98.4	13 970	86.0	2 212	13.7				
922 Vesilahti	18 533	90.0	2 059	10.0	52	31.2	115	68.8	2	1.6	135	98.4	18 587	89.0	2 309	11.0				
936 Virrat	69 723	76.5	21 446	23.5	332	12.4	2 347	87.6	26	1.7	1 493	98.3	70 081	73.5	25 286	26.5				

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land						Poorly productive forest land						Unproductive land						Total			
		Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland		%		Mineral soil		Peatland	
		ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
	980 Ylöjärvi	68 751	79.3	17 931	20.7	229	12.4	1 618	87.6	16	1.9	814	98.1	68 996	77.2	20 363	22.8						
	Total	742 886	82.3	159 540	17.7	2 305	14.0	14 138	86.0	187	2.0	9 163	98.0	745 377	80.3	182 841	19.7						
Etelä-Savo																							
	046 Enonkoski	20 038	88.0	2 731	12.0	80	69.4	35	30.6	10	9.1	98	90.9	20 128	87.5	2 864	12.5						
	090 Heinävesi	72 670	82.5	15 367	17.5	134	31.6	290	68.4	52	11.2	407	88.8	72 855	81.9	16 064	18.1						
	097 Hirvensalmi	31 504	86.0	5 148	14.0	96	22.3	335	77.7	58	20.7	220	79.3	31 658	84.7	5 704	15.3						
	171 Joroinen	32 739	75.2	10 780	24.8	70	14.3	417	85.7	37	4.9	711	95.1	32 845	73.4	11 908	26.6						
	178 Juvva	72 196	76.6	22 050	23.4	275	20.7	1 054	79.3	118	10.4	1 014	89.6	72 589	75.1	24 118	24.9						
	213 Kangasniemi	72 803	80.2	17 992	19.8	181	18.3	807	81.7	71	7.0	941	93.0	73 055	78.7	19 740	21.3						
	491 Mikkelä	169 571	81.9	37 355	18.1	672	27.4	1 780	72.6	315	13.7	1 979	86.3	170 558	80.6	41 114	19.4						
	507 Mäntyharju	70 977	85.6	11 917	14.4	397	31.4	866	68.6	130	27.3	346	72.7	71 504	84.5	13 129	15.5						
	588 Pertunmaa	26 643	85.5	4 505	14.5	63	19.0	269	81.0	43	27.0	117	73.0	26 750	84.5	4 891	15.5						
	593 Pieksämäki	92 215	70.7	38 235	29.3	118	7.5	1 444	92.5	46	3.9	1 134	96.1	92 378	69.4	40 813	30.6						
	623 Puumala	58 933	88.8	7 408	11.2	399	65.5	210	34.5	95	21.6	346	78.4	59 426	88.2	7 963	11.8						
	681 Rantasalmi	32 768	80.7	7 831	19.3	103	32.0	218	68.0	51	11.1	403	88.9	32 921	79.6	8 452	20.4						
	740 Savonlinna	150 454	83.9	28 902	16.1	686	48.1	740	51.9	73	5.3	1 319	94.7	151 212	83.0	30 961	17.0						
	768 Sulkava	42 434	86.6	6 545	13.4	224	53.2	197	46.8	38	11.7	289	88.3	42 696	85.9	7 031	14.1						
	Total	945 944	81.4	216 764	18.6	3 497	28.8	8 663	71.2	1 135	10.9	9 326	89.1	950 576	80.2	234 753	19.8						
Etelä-Pohjanmaa																							
	005 Aiejärvi	43 745	61.3	27 658	38.7	320	7.6	3 864	92.4	36	1.3	2 693	98.7	44 101	56.3	34 216	43.7						
	010 Alavus	49 765	66.6	24 973	33.4	482	13.3	3 139	86.7	22	1.0	2 141	99.0	50 268	62.4	30 253	37.6						
	052 Evijärvi	13 249	56.2	10 310	43.8	49	2.8	1 687	97.2	0	0.0	1 559	100.0	13 299	49.5	13 555	50.5						
	074 Halsua	15 217	56.5	11 729	43.5	378	11.2	3 004	88.8	335	8.9	3 413	91.1	15 929	46.7	18 147	53.3						
	145 Ilmajoki	22 862	69.9	9 834	30.1	303	24.1	955	75.9	40	4.6	815	95.4	23 205	66.7	11 604	33.3						
	151 Isojoki	27 663	64.8	15 037	35.2	701	25.3	2 065	74.7	158	5.1	2 955	94.9	28 522	58.7	20 056	41.3						
	152 Isokyrö	13 368	69.4	5 904	30.6	124	16.3	635	83.7	4	0.6	657	99.4	13 496	65.2	7 196	34.8						
	164 Jalasjärvi	31 785	65.0	17 152	35.0	262	9.5	2 490	90.5	0	0.0	2 687	100.0	32 048	58.9	22 329	41.1						
	217 Kannus	16 662	52.5	15 090	47.5	266	11.1	2 129	88.9	54	3.5	1 474	96.5	16 982	47.6	18 693	52.4						
	218 Karjoki	8 162	66.5	4 115	33.5	79	15.4	436	84.6	13	2.6	483	97.4	8 254	62.1	5 034	37.9						
	232 Kauhajoki	46 446	61.8	28 690	38.2	1 711	25.2	5 072	74.8	266	5.2	4 884	94.8	48 423	55.6	38 646	44.4						
	233 Kauhava	51 847	68.0	24 401	32.0	644	18.0	2 926	82.0	76	3.1	2 380	96.9	52 568	63.9	29 707	36.1						
	236 Kaustinen	12 594	54.9	10 366	45.1	72	4.4	1 575	95.6	0	0.0	1 244	100.0	12 666	49.0	13 185	51.0						
	272 Kokkola-Karleby E-	42 530	59.0	29 592	41.0	556	9.9	5 083	90.1	106	2.2	4 696	97.8	43 192	52.3	39 372	47.7						
	300 Kuortane	20 294	63.7	11 552	36.3	149	11.0	1 208	89.0	0	0.0	926	100.0	20 443	59.9	13 687	40.1						
	301 Kurikka	40 795	69.8	17 623	30.2	372	14.8	2 138	85.2	39	2.1	1 816	97.9	41 205	65.6	21 577	34.4						
	399 Laihia	21 480	66.5	10 816	33.5	55	5.9	890	94.1	0	0.0	769	100.0	21 536	63.3	12 475	36.7						
	403 Lappajärvi	17 279	60.3	11 359	39.7	88	4.9	1 714	95.1	5	0.3	1 541	99.7	17 372	54.7	14 613	45.7						
	408 Lapua	27 206	64.4	15 041	35.6	191	8.5	2 061	91.5	8	0.4	2 158	99.6	27 405	58.3	19 260	41.3						
	421 Lesijärvi	18 084	56.3	14 039	43.7	241	8.6	2 552	91.4	65	1.6	3 992	98.4	18 390	47.2	20 584	52.8						
	584 Perho	26 267	57.0	19 802	43.0	343	6.6	4 900	93.4	36	0.6	6 311	99.4	26 647	46.2	31 012	53.8						
	743 Seinäjoki	56 475	66.1	28 987	33.9	528	11.2	4 195	88.8	62	1.4	4 410	98.6	57 065	60.3	37 591	39.7						
	759 Soini	25 120	61.3	15 865	38.7	130	4.4	2 840	95.6	0	0.0	2 254	100.0	25 251	54.6	20 958	45.4						
	846 Teuva	23 898	66.6	11 962	33.4	217	13.0	1 453	87.0	0	0.0	1 270	100.0	24 116	62.2	14 686	37.8						
	849 Toholampi	21 242	56.4	16 402	43.6	208	6.1	3 208	93.9	0	0.0	4 286	100.0	21 449	47.3	23 897	52.7						

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land			Poorly productive forest land			Unproductive land			Total						
		Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha				
	924 Veteli	16 286	53.4	14 193	46.6	112	3.9	2 739	96.1	0	0.0	2 734	100.0	16 398	45.5	19 666	54.5
	934 Vimpeli	10 983	60.0	7 308	40.0	63	4.4	1 374	95.6	0	0.0	1 169	100.0	11 047	52.9	9 851	47.1
	989 Anttari	41 614	64.4	22 986	35.6	207	7.3	2 618	92.7	29	1.8	1 524	98.2	41 849	60.7	27 127	39.3
	Total	762 917	62.8	452 786	37.2	8 854	11.4	68 950	88.6	1 353	2.0	67 240	98.0	773 124	56.8	588 976	43.2
	Keski-Suomi																
	077 Hankasalmi	35 250	78.7	9 542	21.3	38	16.3	196	83.7	9	3.4	244	96.6	35 297	78.0	9 982	22.0
	172 Joutsa	55 975	81.1	13 050	18.9	120	17.4	569	82.6	46	7.7	552	92.3	56 141	79.8	14 171	20.2
	179 Jyväskylä	79 655	86.4	12 491	13.6	183	28.6	457	71.4	33	6.0	517	94.0	79 871	85.6	13 464	14.4
	182 Jämsä	108 009	83.2	21 839	16.8	146	12.8	987	87.2	27	3.1	825	96.9	108 181	82.1	23 651	17.9
	216 Kannonkoski	28 492	76.1	8 928	23.9	320	33.5	635	66.5	52	13.8	328	86.2	28 865	74.5	9 892	25.5
	226 Karstula	42 364	62.1	25 854	37.1	239	7.3	3 021	92.7	0	0.0	2 147	100.0	42 603	57.9	31 022	42.1
	249 Keuruu	79 126	74.6	26 884	25.4	259	11.0	2 091	89.0	28	2.0	1 375	98.0	79 413	72.3	30 350	27.7
	256 Kinnula	22 410	62.9	13 245	37.1	276	15.0	1 567	85.0	158	16.7	791	83.3	22 844	59.4	15 603	40.6
	265 Kivijärvi	26 897	70.8	11 105	29.2	207	15.0	1 174	85.0	117	15.8	624	84.2	27 220	67.8	12 903	32.2
	275 Konnevesi	34 967	82.2	7 554	17.8	22	13.7	142	86.3	9	4.4	194	95.6	34 999	81.6	7 890	18.4
	291 Kuhmoinen	46 923	86.5	7 294	13.5	66	18.9	283	81.1	22	7.5	271	92.5	47 011	85.7	7 848	14.3
	310 Kyyjärvi	17 945	55.4	14 428	44.6	113	5.1	2 122	94.9	0	0.0	1 140	100.0	18 058	50.5	17 690	49.5
	410 Laukaa	42 179	86.3	6 695	13.7	73	32.4	152	67.6	28	11.0	227	89.0	42 280	85.7	7 074	14.3
	435 Luhanka	16 031	90.5	1 676	9.5	29	39.2	44	60.8	11	12.3	81	87.7	16 071	89.9	1 801	10.1
	495 Multia	41 822	67.4	20 225	32.6	126	5.6	2 109	94.4	14	1.2	1 172	98.8	41 961	64.1	23 506	35.9
	500 Muurame	9 407	89.6	1 092	10.4	17	41.6	24	58.4	5	10.1	47	89.9	9 429	89.0	1 162	11.0
	592 Petäjävesi	29 137	76.8	8 825	23.2	60	10.5	508	89.5	7	2.4	286	93.6	29 204	75.2	9 620	24.8
	601 Pihlajavesi	56 846	67.5	27 383	32.5	351	14.5	2 072	85.5	124	7.0	1 649	93.0	57 320	64.8	31 103	35.2
	729 Saarijärvi	73 385	74.1	25 674	25.9	474	18.8	2 051	81.2	82	5.6	1 377	94.4	73 941	71.8	29 102	28.2
	850 Toivakka	25 236	84.1	4 780	15.9	58	27.7	150	72.3	16	9.2	159	90.8	25 310	83.3	5 088	16.7
	892 Uurainen	20 749	73.6	7 459	26.4	80	10.9	650	89.1	12	2.9	407	97.1	20 841	71.0	8 517	29.0
	931 Viitasaari	82 260	78.4	22 606	21.6	489	32.0	1 040	68.0	107	9.6	1 011	90.4	82 857	77.1	24 658	22.9
	992 Äänekoski	61 094	83.7	11 918	16.3	250	36.5	434	63.5	84	19.4	351	80.6	61 428	82.9	12 704	17.1
	Total	1 036 159	76.9	310 547	23.1	3 994	15.1	22 478	84.9	992	5.9	15 773	94.1	1 041 145	74.9	348 799	25.1
	Pohjois-Savo																
	140 Iisalmi	43 501	78.8	11 702	21.2	0	0.0	393	100.0	0	0.0	458	100.0	43 501	77.6	12 552	22.4
	174 Juankoski	29 103	82.8	6 040	17.2	15	6.5	208	93.5	6	2.5	223	97.5	29 124	81.8	6 471	18.2
	204 Kaavi	45 899	79.3	11 979	20.7	21	3.7	542	96.3	4	1.0	358	99.0	45 924	78.1	12 879	21.9
	239 Keitele	26 797	66.9	13 284	33.1	71	11.3	559	88.7	24	4.3	526	95.7	26 892	65.2	14 369	34.8
	263 Kuruvesi	58 195	61.4	36 636	38.6	76	2.6	2 853	97.4	2	0.1	1 842	99.9	58 273	58.5	41 332	41.5
	297 Kuopio	150 293	82.8	31 113	17.2	259	26.3	724	73.7	18	1.3	1 301	98.7	150 569	82.0	33 138	18.0
	402 Lapinlahti	61 704	74.9	20 624	25.1	19	2.2	853	97.8	2	0.2	804	99.8	61 725	73.5	22 281	26.5
	420 Leppävirta	77 834	83.3	15 564	16.7	79	22.2	277	77.8	68	8.9	687	91.1	77 980	82.5	16 528	17.5
	476 Maaninka	27 339	81.2	6 310	18.8	50	24.4	157	75.6	1	0.2	356	99.8	27 390	80.1	6 822	19.9
	595 Pielavesi	65 386	69.4	28 854	30.6	113	8.6	1 213	91.4	27	1.8	1 447	98.2	65 526	67.5	31 514	32.5
	686 Rautalammi	33 481	79.5	8 618	20.5	17	8.9	173	91.1	1	0.7	219	99.3	33 499	78.8	9 011	21.2
	687 Rautavaara	57 873	63.8	32 831	36.2	130	3.2	3 884	96.8	32	1.1	2 917	98.9	58 035	59.4	39 631	40.6
	749 Siilinjärvi	22 549	85.8	3 743	14.2	31	32.3	65	67.7	0	0.1	265	99.9	22 580	84.7	4 073	15.3
	762 Sonkejärvi	74 615	63.4	43 095	36.6	131	3.0	4 271	97.0	16	0.4	3 644	99.6	74 762	59.4	51 010	40.6

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Forest Centre region	Municipality	Forest land			Poorly productive forest land			Unproductive land			Total						
		Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha				
	778 Suonenjoki	43 071	73.0	15 918	27.0	56	13.8	349	86.2	7	1.9	374	98.1	43 134	72.2	16 641	27.8
	844 Tervo	22 791	78.8	6 145	21.2	22	13.3	144	86.7	3	1.0	278	99.0	22 816	77.6	6 568	22.4
	857 Tuusniemi	37 867	84.2	7 110	15.8	48	24.3	150	75.7	11	4.7	221	95.3	37 926	83.5	7 481	16.5
	915 Varkaus	25 268	82.7	5 276	17.3	52	34.3	100	65.7	19	7.2	246	92.8	25 340	81.8	5 622	18.2
	921 Vesanto	27 542	78.8	7 401	21.2	20	11.9	146	88.1	18	9.3	180	90.7	27 580	78.1	7 728	21.9
	925 Vieremä	43 832	64.5	24 128	35.5	74	3.2	2 238	96.8	5	0.3	1 520	99.7	43 910	61.2	27 885	38.8
	Total	974 940	74.3	336 371	25.7	1 283	6.2	19 299	93.8	262	1.4	17 867	98.6	976 485	72.3	373 537	27.7
	Pohjois-Karjala	126 405	61.5	79 298	38.5	78	0.5	15 145	99.5	0	0.0	12 358	100.0	126 483	54.2	106 800	45.8
	146 Ilomantsi	152 666	75.9	48 448	24.1	78	2.4	3 251	97.6	0	0.0	3 125	100.0	152 744	73.6	54 823	26.4
	167 Joensuu	90 093	70.3	38 086	29.7	124	4.0	3 015	96.0	7	0.3	2 784	99.7	90 225	67.3	43 885	32.7
	176 Juuka	72 225	73.5	26 007	26.5	297	24.4	918	75.6	44	3.6	1 192	96.4	72 567	72.1	28 117	27.9
	260 Kitee	51 312	77.0	15 291	23.0	24	3.0	791	97.0	0	0.0	679	100.0	51 337	75.4	16 761	24.6
	276 Kontiolahti	26 050	73.9	9 214	26.1	7	2.0	341	98.0	11	4.1	253	95.9	26 068	72.7	9 808	27.3
	309 Outokumpu	192 235	70.2	81 785	29.8	369	3.7	9 613	96.3	0	0.0	7 194	100.0	192 604	66.1	98 591	33.9
	422 Lieksa	43 698	83.8	8 436	16.2	6	5.3	112	94.7	17	5.3	313	94.7	43 722	83.1	8 861	16.9
	541 Nurmee	92 681	70.2	39 328	29.8	123	2.9	4 118	97.1	59	2	2 881	98	92 863	66.7	46 327	33.3
	607 Polvijärvi	42 794	70.6	17 855	29.4	36	3.5	1 010	96.5	0	0.0	825	100.0	42 830	68.5	19 691	31.5
	707 Rääkkylä	24 687	76.0	7 799	24.0	51	19.3	214	80.7	21	4.5	450	95.5	24 760	74.5	8 463	25.5
	848 Tohmajärvi	44 636	68.9	20 127	31.1	41	4.5	875	95.5	28	4.6	581	95.4	44 705	67.4	21 584	32.6
	911 Valtimo	45 408	68.7	20 657	31.3	63	3.3	1 849	96.7	11	1.2	904	98.8	45 481	66.0	23 410	34.0
	Total	1 004 891	70.9	412 331	29.1	1 299	3.1	41 250	96.9	199	0.6	33 539	99.4	1 006 388	67.4	487 121	32.6
	Kainuu	71 233	65.2	38 100	34.8	193	1.9	9 878	98.1	51	0.7	6 707	99.3	71 476	56.7	54 686	43.3
	105 Hyrynsalmi	77 649	54.7	64 249	45.3	213	2.0	10 577	98.0	27	0.4	7 025	99.6	77 889	48.8	81 851	51.2
	205 Kajaani	227 341	62.6	135 747	37.4	343	1.3	26 925	98.7	96	0.4	24 183	99.6	227 779	54.9	186 855	45.1
	290 Kuhmo	50 898	66.6	25 551	33.4	105	2.5	4 000	97.5	24	1.1	2 241	98.9	51 027	61.6	31 792	38.4
	578 Paltamo	117 415	65.0	63 087	35.0	451	2.0	22 286	98.0	147	0.9	16 451	99.1	118 013	53.7	101 824	46.3
	620 Puolanka	47 669	67.9	22 515	32.1	112	2.5	4 360	97.5	31	1.0	2 995	99.0	47 812	61.5	29 871	38.5
	697 Ristijärvi	137 578	63.6	78 858	36.4	86	0.8	10 855	99.2	0	0.0	7 138	100.0	137 664	58.7	96 851	41.3
	765 Sotkamo	266 396	70.4	112 017	29.6	937	1.9	47 326	98.1	513	1.4	37 218	98.6	267 846	57.7	196 560	42.3
	777 Suomussalmi	41 481	49.6	42 126	50.4	541	3.9	13 357	96.1	70	0.7	9 550	99.3	42 092	39.3	65 033	60.7
	785 Vaala	1 037 659	64.1	582 249	35.9	2 981	2.0	149 565	98.0	959	0.8	113 508	99.2	1 041 599	55.2	845 323	44.8
	Total	9 314	57.9	6 768	42.1	98	11.6	746	88.4	11	1.7	620	98.3	9 422	53.7	8 134	46.3
	Pohjois-Pohjanmaa	32 592	57.3	24 297	42.7	156	6.8	2 155	93.2	7	0.4	1 794	99.6	32 756	53.7	28 246	46.3
	009 Alavieska	34 063	45.4	40 984	54.6	262	5.8	4 230	94.2	35	1.1	3 045	98.9	34 360	41.6	48 259	58.4
	069 Haapajärvi	9 628	74.4	3 314	25.6	136	27.2	366	72.8	253	45.3	306	54.7	10 018	71.5	3 987	28.5
	072 Halluoto	36 658	59.5	24 985	40.5	911	23.8	2 922	76.2	117	6.4	1 718	93.6	37 686	56.0	29 625	44.0
	208 Kalajo	58 075	57.4	43 086	42.6	341	2.1	15 735	97.9	86	0.5	15 678	99.5	58 501	44.0	74 499	56.0
	139 Ii	3 341	59.5	2 275	40.5	3	0.7	524	99.3	55	10.3	480	89.7	3 399	50.9	3 279	49.1
	244 Kemppele	251 387	77.9	71 267	22.1	1 802	3.5	49 529	96.5	587	1.4	42 112	98.6	253 777	60.9	162 908	39.1
	305 Kuusamo	26 814	51.6	25 175	48.4	116	3.4	3 273	96.6	13	0.6	2 316	99.4	26 944	46.7	30 763	53.3
	317 Kärsämäki	15 378	44.4	19 254	55.6	124	2.7	4 394	97.3	93	2.3	3 954	97.7	15 596	36.1	27 602	63.9

Table 2c. Area and proportion of forest available for wood supply on mineral soil and peatland by land classes and Forest Centre regions.

Forest Centre region	Municipality	Forest land			Poorly productive forest land			Unproductive land			Total						
		Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha	Mineral soil ha	%	Peatland ha				
436 Lumijoki		6 297	53.4	5 499	46.6	7.5	780	92.5	83	16.7	414	83.3	6 443	49.0	6 693	51.0	
483 Merijärvi		9 405	54.5	7 857	45.5	15.2	593	84.8	24	8.7	254	91.3	9 536	52.3	8 704	47.7	
494 Muho		23 467	49.7	23 725	50.3	3.2	7 819	96.8	89	1.2	7 108	98.8	23 817	38.1	38 652	61.9	
535 Nivala		18 962	63.5	10 911	36.5	11.1	604	88.9	24	4.6	493	95.4	19 061	61.4	12 008	38.6	
563 Oulainen		23 837	54.1	20 219	45.9	9.6	1 908	90.4	34	3.9	849	96.1	24 074	51.2	22 976	48.8	
564 Oulu		107 016	55.0	87 542	45.0	7.27	2 970	97.6	351	1.4	23 984	98.6	108 094	43.4	141 226	56.6	
615 Pudasjärvi		207 096	61.2	131 570	38.8	2.3	64 484	97.7	600	0.9	64 046	99.1	209 215	44.6	260 100	55.4	
625 Pynäjäjoki		22 136	53.5	19 234	46.5	4.22	1 817	81.1	108	7.1	1 402	92.9	22 666	50.2	22 452	49.8	
626 Pyhäsalmi		60 786	57.4	45 193	42.6	2.9	4 716	97.1	13	0.3	4 281	99.7	60 940	52.9	54 191	47.1	
630 Pynhätä		25 956	45.6	30 962	54.4	165	6 571	97.5	51	0.8	6 543	99.2	26 173	37.3	44 077	62.7	
678 Raah		34 680	48.5	36 877	51.5	3.93	7.3	5 020	92.7	164	4.5	3 470	95.5	35 237	43.7	45 366	56.3
691 Reisjärvi		19 257	58.2	13 845	41.8	8.4	1 747	91.6	33	2.3	1 422	97.7	19 452	53.3	17 013	46.7	
746 Sievi		29 145	54.5	24 345	45.5	2.95	4 127	93.3	69	1.6	4 258	98.4	29 509	47.4	32 731	52.6	
748 Siikajoki		30 650	47.0	34 568	53.0	5.6	4 873	94.4	290	9.2	2 858	90.8	31 229	42.5	42 299	57.5	
791 Siikalatva		60 478	40.1	90 334	59.9	4.84	3.1	15 353	96.9	1	0.0	10 465	100.0	60 963	34.4	116 153	65.6
832 Taivalkoski		129 041	77.7	37 071	22.3	5.75	2.3	23 967	97.7	315	1.3	24 624	98.7	129 931	60.3	85 662	39.7
859 Tyrnävä		13 322	48.8	13 965	51.2	86	2.3	3 731	97.7	92	2.8	3 164	97.2	13 500	39.3	20 860	60.7
889 Utajärvi		47 641	47.7	52 203	52.3	3.24	1.8	18 129	98.2	83	0.5	17 532	99.5	48 047	35.4	87 863	64.6
977 Ylivieska		22 968	56.1	18 008	43.9	1.19	7.4	1 491	92.6	33	3.5	918	96.5	23 120	53.1	20 417	46.9
Total		1 369 390	58.7	965 334	41.3	10 361	3.6	281 303	96.4	3 715	1.5	250 110	98.5	1 383 466	48.0	1 496 747	52.0
Lapland																	
047 Enontekiö		59 963	92.1	5 112	7.9	50 709	76.3	15 781	23.7	54 817	43.1	72 408	56.9	165 489	63.9	93 301	36.1
148 Inari		365 161	96.8	11 959	3.2	79 679	70.0	34 127	30.0	22 678	22.3	79 217	77.7	467 519	78.9	125 303	21.1
240 Kemi		4 800	76.1	1 505	23.9	2	2.4	84	97.6	26	13.9	162	86.1	4 829	73.4	1 751	26.6
241 Kemijärvi		25 521	60.0	17 011	40.0	50	1.3	3 707	98.7	65	1.2	5 329	98.8	25 637	49.6	26 047	50.4
261 Kittilä		310 838	83.5	61 493	16.5	11 699	10.4	101 024	89.6	4 636	3.8	116 161	96.2	327 173	54.0	278 677	46.0
273 Kolari		121 875	75.9	38 656	24.1	1 489	3.4	41 702	96.6	1 196	4.9	23 132	95.1	124 559	54.6	103 489	45.4
320 Kemijärvi		188 253	75.1	62 442	24.9	2 231	5.1	41 574	94.9	768	2.2	33 613	97.8	191 252	58.2	137 630	41.8
498 Muonio		94 860	92.9	7 245	7.1	5 009	22.4	17 380	77.6	2 109	8.7	22 128	91.3	101 978	68.6	46 753	31.4
583 Pelkosenniemi		79 643	76.2	24 862	23.8	1 439	5.8	23 508	94.2	368	1.8	20 544	98.2	81 450	54.2	68 914	45.8
614 Posio		140 035	77.8	40 041	22.2	2 492	7.1	32 709	92.9	772	2.3	33 427	97.7	143 299	57.4	106 177	42.6
683 Ranua		121 042	61.8	74 972	38.2	2 134	3.7	54 773	96.3	743	1.5	50 324	98.5	123 919	40.8	180 070	59.2
698 Rovaniemi		387 370	72.9	143 720	27.1	5 764	5.6	97 362	94.4	1 738	2.8	60 960	97.2	394 872	56.7	302 062	43.3
732 Salla		273 489	83.4	54 270	16.6	12 468	16.3	63 917	83.7	1 536	2.4	62 888	97.6	287 494	61.4	181 076	38.6
742 Savukoski		300 129	90.7	30 745	9.3	13 671	18.0	62 277	82.0	4 589	6.9	62 094	93.1	318 388	67.2	155 116	32.8
751 Simo		40 172	50.5	39 403	49.5	561	3.7	14 461	96.3	169	1.1	15 072	98.9	40 902	37.2	68 937	62.8
758 Sodankylä		431 071	86.8	65 468	13.2	18 829	14.9	107 910	85.1	5 978	3.6	160 379	96.4	455 878	57.7	333 757	42.3
845 Tervola		58 300	57.0	44 041	43.0	320	1.8	17 688	98.2	336	2.8	11 888	97.2	58 957	44.5	73 498	55.5
851 Tornio		45 202	57.0	34 074	43.0	150	1.4	10 461	98.6	216	2.4	8 927	97.6	45 568	46.0	53 463	54.0
854 Pello		92 807	71.4	37 203	28.6	1 484	7.3	18 852	92.7	303	3.2	9 226	96.8	94 594	59.2	65 282	40.8
890 Utsjoki		4 873	94.7	271	5.3	31 308	96.7	1 069	3.3	49 293	84.2	15 172	15.8	85 474	89.0	10 578	11.0
976 Ylitornio		75 857	56.5	58 407	43.5	2 417	8.5	25 927	91.5	340	2.2	15 172	97.8	78 614	44.1	99 506	55.9
Total		3 221 263	79.1	852 901	20.9	243 904	23.7	786 175	76.3	152 675	14.9	872 308	85.1	3 617 842	59.0	2 511 384	41.0

Table 2d. Area and mean volume of forest available for wood supply on mineral soil and peatland on forest land and forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Mineral soil		Forest land				Forest and poorly productive forest land					
	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha	ha	m ³ /ha
859 Tyrnävä	13 322	97.4	13 965	95.6	27 287	96.5	13 408	97	17 696	80.2	31 104	87.4
889 Utajärvi	47 641	84.8	52 203	90.1	99 844	87.6	47 965	84.3	70 332	73.1	118 296	77.7
977 Ylivieska	22 968	110.1	18 008	118.2	40 976	113.7	23 087	109.7	19 499	111.4	42 585	110.5
Total	1 369 390	95.3	965 334	95.7	2 334 724	95.5	1 379 751	94.8	1 246 637	79.1	2 626 388	87.3
Lapland												
047 Enontekiö	59 963	66.0	5 112	16.4	65 075	62.1	110 672	43.8	20 892	18.9	131 564	39.8
148 Inari	365 161	69.7	11 959	32.3	377 120	68.5	444 841	64.4	46 086	23.9	490 927	60.6
240 Kemi	4 800	91.5	1 505	75.9	6 306	87.8	4 802	91.5	1 589	73.3	6 392	87.0
241 Keminmaa	25 521	88.0	17 011	86.5	42 532	87.4	25 572	87.8	20 718	74.8	46 290	82.0
261 Kittilä	310 838	69.2	61 493	53.2	372 331	66.6	322 537	67.9	162 517	34.7	485 054	56.8
273 Kolari	121 875	73.7	38 656	58.7	160 530	70.1	123 363	73.2	80 357	40.0	203 721	60.1
320 Kemijärvi	188 253	74.6	62 442	71.1	250 695	73.7	190 484	74.0	104 016	51.7	294 501	66.1
498 Muonio	94 860	69.0	7 245	56.0	102 105	68.1	99 868	67.3	24 625	31.6	124 493	60.2
583 Pelkosenniemi	79 643	69.8	24 862	67.4	104 505	69.3	81 082	69.1	48 370	45.8	129 452	60.4
614 Posio	140 035	78.2	40 041	71.3	180 076	76.6	142 527	77.2	72 750	48.6	215 277	67.6
683 Ranua	121 042	83.8	74 972	74.8	196 015	80.4	123 176	82.7	129 746	51.1	252 922	66.5
698 Rovaniemi	387 370	77.8	143 720	70.3	531 090	75.7	393 134	77.1	241 082	51.4	634 216	67.3
732 Salla	273 489	70.9	54 270	63.7	327 760	69.7	285 958	68.8	118 188	40.3	404 145	60.4
742 Savukoski	300 129	57.7	30 745	59.6	330 874	57.9	313 799	56.7	93 022	33.1	406 821	51.3
751 Simo	40 172	80.6	39 403	74.9	79 575	77.8	40 733	79.6	53 864	60.8	94 597	68.9
758 Sodankylä	431 071	61.0	65 468	50.8	496 539	59.6	449 900	59.9	173 378	33.3	623 279	52.5
845 Tervola	58 300	86.0	44 041	78.0	102 342	82.5	58 620	85.5	61 610	61.7	120 230	73.3
851 Tornio	45 202	98.0	34 074	77.2	79 276	89.1	45 352	97.7	44 535	64.2	89 887	81.1
854 Pello	92 807	79.1	37 203	64.9	130 010	75.1	94 291	78.3	56 055	51.5	150 346	68.3
890 Utsjoki	4 873	68.2	271	29.3	5 144	66.2	36 181	30.3	1 340	23.3	37 521	30.1
976 Ylitornio	75 857	74.6	58 407	68.9	134 264	72.1	78 274	73.0	84 334	54.9	162 608	63.6
Total	3 221 263	71.1	852 901	66.6	4 074 163	70.1	3 465 167	68.2	1 639 076	45.2	5 104 243	60.8

Table 3a. Dominant tree species on forest land by Forest Centre regions.

Forest Centre region Municipality	Treeless		Pine		Spruce		Birch		Other broadleaved tree species		Total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
859 Tyrnävä	555	2.0	21 950	80.4	1 910	7.0	2 761	10.1	114	0.4	27 290	100.0
889 Utajärvi	902	0.9	88 655	85.1	6 625	6.4	7 784	7.5	188	0.2	104 154	100.0
977 Ylivieska	563	1.4	28 037	68.3	6 994	17.0	5 208	12.7	239	0.6	41 041	100.0
Total	29 206	1.2	1 865 896	76.3	335 155	13.7	208 360	8.5	6 987	0.3	2 445 604	100.0
Lapland												
047 Enontekiö	534	0.6	80 518	82.8	6 928	7.1	9 233	9.5	0	0.0	97 212	100.0
148 Inari	1 268	0.2	629 391	88.3	32 418	4.6	47 646	6.7	1 752	0.3	712 475	100.0
240 Kemi	336	5.0	2 900	43.5	2 457	36.8	979	14.7	0	0.0	6 672	100.0
241 Kemijärvi	753	1.7	22 128	49.0	16 973	37.6	5 335	11.8	6	0.0	45 196	100.0
261 Kittilä	2 825	0.6	338 978	74.3	80 729	17.7	33 374	7.3	242	0.1	456 149	100.0
273 Kolari	822	0.5	134 243	80.1	22 211	13.3	9 937	5.9	314	0.2	167 527	100.0
320 Kemijärvi	1 626	0.6	220 501	86.5	21 735	8.5	10 903	4.3	29	0.0	254 795	100.0
498 Muonio	614	0.5	102 298	80.1	19 787	15.5	5 013	3.9	66	0.1	127 779	100.0
583 Pelkosenniemi	328	0.3	90 301	78.0	18 784	16.2	6 369	5.5	8	0.0	115 790	100.0
614 Posio	2 837	1.4	167 902	80.6	31 702	15.2	5 842	2.8	168	0.1	208 451	100.0
683 Ranua	496	0.2	171 386	84.1	22 321	11.0	9 018	4.4	628	0.3	203 848	100.0
698 Rovaniemi	2 882	0.5	439 381	80.4	76 791	14.0	26 824	4.9	979	0.2	546 857	100.0
732 Salla	1 899	0.5	266 768	70.7	90 816	24.1	17 806	4.7	56	0.0	377 345	100.0
742 Savukoski	4 248	1.0	349 596	78.8	74 133	16.7	15 509	3.5	9	0.0	443 496	100.0
751 Simo	383	0.4	60 593	68.3	18 734	21.1	8 875	10.0	87	0.1	88 673	100.0
758 Sodankylä	4 990	0.8	502 034	75.6	118 758	17.9	38 508	5.8	32	0.0	664 322	100.0
845 Tervola	839	0.8	57 695	53.5	38 296	35.5	10 934	10.1	145	0.1	107 909	100.0
851 Tornio	981	1.2	35 297	43.8	30 514	37.9	13 522	16.8	207	0.3	80 522	100.0
854 Pello	682	0.5	99 585	74.6	20 492	15.4	12 231	9.2	426	0.3	133 416	100.0
890 Utsjoki	0	0.0	10 037	81.5	45	0.4	2 232	18.1	0	0.0	12 315	100.0
976 Ylitornio	1 314	1.0	97 978	70.5	25 865	18.6	13 764	9.9	56	0.0	138 977	100.0
Total	30 658	0.6	3 879 510	77.8	770 488	15.4	303 856	6.1	5 211	0.1	4 989 724	100.0

Table 3b. Dominant tree species on poorly productive forest land by Forest Centre regions.

Forest Centre region	Municipality	Treeless		Pine		Spruce		Birch		Other broadleaved tree species		Total	
		ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
		609 Pori	4	0.3	1 264	94.0	0	0.0	44	3.2	34	2.5	1 345
631 Pyhäranta	0	0.1	517	97.9	0	0.0	4	0.8	7	1.3	528	100.0	
636 Pöytyä	18	0.8	2 344	98.6	0	0.0	1	0.0	14	0.6	2 378	100.0	
680 Raisio	0	0.0	189	98.8	0	0.0	0	0.2	2	1.0	191	100.0	
684 Rauma	4	0.2	1 696	97.1	0	0.0	21	1.2	26	1.5	1 746	100.0	
704 Rusko	1	0.4	327	99.6	0	0.0	0	0.0	0	0.0	329	100.0	
734 Salo	0	0.0	7 572	97.5	32	0.4	143	1.8	20	0.3	7 768	100.0	
738 Sauvo	0	0.0	1 459	98.6	8	0.5	9	0.6	4	0.2	1 480	100.0	
747 Siikainen	15	0.7	2 244	96.0	0	0.0	52	2.2	27	1.2	2 338	100.0	
761 Somero	0	0.0	697	91.6	8	1.0	32	4.2	24	3.2	761	100.0	
783 Säskylä	2	0.5	342	99.1	0	0.0	1	0.3	0	0.0	345	100.0	
833 Taivassalo	0	0.0	1 417	97.9	0	0.0	8	0.6	22	1.5	1 448	100.0	
838 Tarvasjoki	0	0.0	117	98.1	1	0.5	1	1.1	0	0.4	119	100.0	
853 Turku-Abo	0	0.0	825	98.7	3	0.4	1	0.1	6	0.7	835	100.0	
886 Ulvila	3	0.5	685	95.0	0	0.0	33	4.6	0	0.0	721	100.0	
895 Uusikaupunki	0	0.0	3 014	97.0	0	0.0	26	0.8	69	2.2	3 108	100.0	
918 Vehmaa	0	0.0	664	96.0	0	0.0	10	1.5	17	2.5	691	100.0	
Total		152	0.3	55 832	97.1	129	0.2	808	1.4	577	1.0	57 498	100.0
Häme-Uusimaa													
016 Asikkala	12	3.4	250	74.0	6	1.7	63	18.5	8	2.4	338	100.0	
018 Askola	0	0.0	176	93.4	0	0.0	9	4.7	3	1.9	188	100.0	
061 Forssa	0	0.1	225	95.0	0	0.0	9	3.7	3	1.2	237	100.0	
081 Hartola	15	2.8	406	76.3	0	0.1	100	18.8	11	2.1	532	100.0	
082 Hattula	0	0.0	536	90.1	0	0.0	34	5.7	25	4.2	595	100.0	
086 Hausjärvi	0	0.0	575	93.5	0	0.0	32	5.2	8	1.4	615	100.0	
098 Hollola	1	0.3	207	81.8	2	0.6	39	15.5	5	1.8	253	100.0	
103 Humppila	1	0.6	143	97.3	0	0.0	3	2.1	0	0.0	147	100.0	
106 Hyvinkää	0	0.0	712	92.2	0	0.0	48	6.2	12	1.6	772	100.0	
109 Hämeenlinna	0	0.0	1 326	80.9	0	0.0	212	12.9	102	6.2	1 641	100.0	
111 Heinola	29	4.9	437	73.9	20	3.4	98	16.5	8	1.4	591	100.0	
165 Janakkala	0	0.0	716	92.2	0	0.0	37	4.8	23	3.0	776	100.0	
169 Jokioinen	1	0.5	103	95.2	0	0.0	3	3.1	1	1.2	109	100.0	
186 Järvenpää	0	0.0	19	98.5	0	0.0	0	1.2	0	0.4	20	100.0	
224 Karkkila	0	0.0	303	89.7	3	0.9	26	7.8	5	1.6	338	100.0	
245 Kerava	0	0.0	25	97.9	0	0.0	0	1.7	0	0.4	26	100.0	
283 Hämeenkoski	0	0.0	49	73.6	0	0.0	17	25.5	1	0.9	66	100.0	
316 Kärkölä	0	0.0	333	90.5	0	0.0	28	7.5	7	2.0	368	100.0	
398 Lahti	0	0.1	109	91.7	2	1.9	7	5.9	0	0.4	119	100.0	
433 Loppi	0	0.0	1 120	90.0	1	0.1	95	7.7	27	2.2	1 243	100.0	
444 Lohja	0	0.0	1 571	92.0	37	2.2	68	4.0	32	1.9	1 708	100.0	
504 Myrskylä-Mörskom	1	0.6	222	93.2	0	0.0	15	6.1	0	0.1	238	100.0	
505 Mäntsälä	0	0.0	683	89.3	0	0.0	65	8.5	17	2.3	765	100.0	
532 Nastola	0	0.0	251	86.9	0	0.0	38	13.0	0	0.1	289	100.0	
543 Nurmijärvi	0	0.0	472	94.6	1	0.1	22	4.5	4	0.8	499	100.0	
560 Orimattila	3	0.4	533	88.0	1	0.1	66	10.9	3	0.5	605	100.0	
576 Padasjoki	0	0.0	375	75.7	0	0.0	95	19.2	25	5.1	496	100.0	
611 Pornainen	0	0.0	217	97.2	0	0.0	5	2.3	1	0.5	224	100.0	
616 Pukkila	0	0.3	90	88.6	0	0.0	10	10.2	1	0.9	101	100.0	
694 Riihimäki	0	0.0	89	89.0	0	0.0	9	9.3	2	1.7	99	100.0	
781 Sysmä	19	6.1	186	58.0	0	0.1	100	31.2	15	4.6	321	100.0	
834 Tammela	0	0.0	1 383	92.1	4	0.3	70	4.6	44	2.9	1 501	100.0	
858 Tuusula	0	0.0	169	93.3	0	0.0	10	5.4	2	1.3	181	100.0	
927 Vihti	0	0.0	881	95.1	6	0.7	30	3.2	9	1.0	926	100.0	
981 Ypäjä	1	0.6	115	96.6	0	0.0	1	0.5	3	2.4	120	100.0	
Total		82	0.5	15 007	88.0	84	0.5	1 463	8.6	411	2.4	17 047	100.0
Kaakkois-Suomi													
075 Hamina	1	0.2	731	91.9	19	2.5	44	5.5	0	0.0	795	100.0	
142 Iitti	1	0.2	734	94.0	3	0.4	43	5.5	0	0.1	782	100.0	
153 Imatra	3	6.1	39	89.1	0	0.6	2	4.1	0	0.1	44	100.0	
285 Kotka	0	0.0	352	88.3	6	1.4	34	8.4	7	1.9	399	100.0	
286 Kouvola	40	1.3	2 734	88.4	38	1.2	247	8.0	34	1.1	3 092	100.0	
405 Lappeenranta	56	4.8	1 050	89.6	6	0.5	60	5.1	0	0.0	1 172	100.0	
416 Lemi	6	5.1	91	82.8	2	1.6	11	10.4	0	0.1	110	100.0	
441 Luumäki	26	2.4	984	90.0	4	0.4	68	6.2	12	1.1	1 094	100.0	
489 Miehikkälä	27	5.3	458	88.7	2	0.4	29	5.6	0	0.0	516	100.0	
580 Parikkala	15	4.7	288	92.6	0	0.0	8	2.6	0	0.0	311	100.0	
624 Pyhtää-Pyttis	0	0.0	678	89.9	5	0.7	67	8.9	4	0.5	754	100.0	
689 Rautjärvi	19	7.5	224	88.7	0	0.1	9	3.6	0	0.2	253	100.0	
700 Ruokolahti	52	6.8	660	86.2	8	1.0	46	6.0	0	0.0	765	100.0	
739 Savitaipale	14	2.4	500	88.4	5	0.8	39	6.9	9	1.5	566	100.0	
831 Taipalsaari	27	9.9	222	82.6	5	1.8	15	5.7	0	0.0	269	100.0	
935 Virolahti	0	0.1	502	92.0	14	2.6	29	5.4	0	0.0	546	100.0	
Total		285	2.5	10 247	89.4	117	1.0	751	6.6	67	0.6	11 466	100.0
Pirkanmaa													
020 Akaa	0	0.1	127	81.6	0	0.0	13	8.2	16	10.1	156	100.0	
108 Hämeenkyrö	1	0.1	449	80.2	9	1.7	23	4.1	79	14.0	561	100.0	
143 Ikaalinen	4	0.3	1 240	88.4	77	5.5	37	2.7	44	3.1	1 402	100.0	
177 Juupajoki	0	0.0	174	83.7	10	4.9	3	1.4	21	10.0	208	100.0	
211 Kangasala	1	0.2	288	72.2	0	0.0	64	16.0	46	11.6	399	100.0	
250 Kihniö	7	0.6	1 135	96.3	2	0.2	34	2.9	0	0.0	1 178	100.0	
418 Lempäälä	1	0.4	103	70.0	0	0.1	29	20.0	14	9.6	148	100.0	

Table 3b. Dominant tree species on poorly productive forest land by Forest Centre regions.

Forest Centre region	Treeless		Pine		Spruce		Birch		Other broadleaved tree species		Total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
508 Mänttä-Vilppula	5	1.3	312	80.4	5	1.2	27	7.0	39	10.2	388	100.0
536 Nokia	0	0.3	100	68.4	0	0.0	25	17.0	21	14.3	146	100.0
562 Orivesi	1	0.2	411	78.2	6	1.2	47	8.9	61	11.5	526	100.0
581 Parkano	15	0.4	3 657	96.3	24	0.6	100	2.6	2	0.0	3 797	100.0
604 Pirkkala	0	0.4	22	53.1	0	0.0	11	26.1	8	20.4	41	100.0
619 Punkalaidun	1	0.4	353	95.0	0	0.0	17	4.5	0	0.1	372	100.0
635 Pälkäne	0	0.0	186	71.8	0	0.0	41	15.8	32	12.4	259	100.0
702 Ruovesi	1	0.1	842	90.5	28	3.1	21	2.2	38	4.1	931	100.0
790 Sastamala	7	0.4	1 501	89.3	10	0.6	143	8.5	19	1.1	1 681	100.0
837 Tampere	1	0.3	226	75.9	1	0.3	40	13.5	30	10.0	298	100.0
887 Urjala	2	0.4	459	91.6	0	0.0	32	6.4	8	1.7	502	100.0
908 Valkeakoski	0	0.2	112	79.6	0	0.0	11	8.0	17	12.2	141	100.0
922 Vesilahdi	0	0.2	121	69.4	0	0.0	41	23.3	12	7.1	174	100.0
936 Virrat	12	0.4	2 949	94.6	33	1.1	117	3.8	7	0.2	3 119	100.0
980 Ylöjärvi	4	0.2	2 100	94.6	21	0.9	42	1.9	53	2.4	2 219	100.0
Total	64	0.3	16 869	90.5	227	1.2	917	4.9	568	3.0	18 645	100.0
Etelä-Savo												
046 Enonkoski	7	4.8	139	89.8	0	0.0	8	5.4	0	0.0	155	100.0
090 Heinävesi	13	2.8	422	90.7	0	0.0	31	6.6	0	0.0	466	100.0
097 Hirvensalmi	7	1.2	487	87.6	3	0.5	54	9.8	5	0.8	556	100.0
171 Joroinen	0	0.0	482	88.3	0	0.0	63	11.6	0	0.1	546	100.0
178 Juva	9	0.6	1 383	91.2	5	0.3	120	7.9	0	0.0	1 517	100.0
213 Kangasniemi	0	0.0	859	84.6	0	0.0	134	13.2	23	2.2	1 015	100.0
491 Miikkeli	22	0.8	2 369	86.3	45	1.6	268	9.8	39	1.4	2 743	100.0
507 Mäntyharju	27	2.1	1 146	86.4	30	2.3	117	8.8	6	0.5	1 327	100.0
588 Pertunmaa	11	2.9	313	81.3	2	0.6	57	14.8	2	0.4	385	100.0
593 Pieksämäki	0	0.0	1 737	92.4	0	0.0	139	7.4	5	0.3	1 880	100.0
623 Puumala	38	5.5	595	86.1	24	3.5	33	4.8	1	0.1	691	100.0
681 Rantasalmi	6	1.5	342	87.6	0	0.0	41	10.5	2	0.4	390	100.0
740 Savonlinna	89	5.5	1 404	86.6	0	0.0	104	6.4	24	1.5	1 621	100.0
768 Sulkava	38	8.8	357	82.6	9	2.1	26	6.1	2	0.4	432	100.0
Total	267	2.0	12 034	87.7	119	0.9	1 196	8.7	108	0.8	13 724	100.0
Etelä-Pohjanmaa												
005 Alajärvi	37	0.8	4 324	97.4	0	0.0	78	1.8	0	0.0	4 439	100.0
010 Alavus	33	0.9	3 694	96.3	0	0.0	110	2.9	0	0.0	3 838	100.0
052 Evijärvi	9	0.5	1 742	98.4	0	0.0	20	1.1	0	0.0	1 771	100.0
074 Halsua	1	0.0	3 456	98.8	0	0.0	42	1.2	0	0.0	3 498	100.0
145 Ilmajoki	10	0.8	1 216	96.6	0	0.0	33	2.7	0	0.0	1 260	100.0
151 Isojoki	14	0.4	3 338	96.5	0	0.0	95	2.8	13	0.4	3 461	100.0
152 Isokyrö	0	0.0	746	96.8	1	0.1	23	3.0	1	0.1	771	100.0
164 Jalasjärvi	14	0.5	2 708	97.3	0	0.0	60	2.2	0	0.0	2 783	100.0
217 Kannus	22	0.9	2 454	97.4	0	0.0	45	1.8	0	0.0	2 520	100.0
218 Karijoki	1	0.2	485	94.1	6	1.2	20	4.0	3	0.6	515	100.0
232 Kauhajoki	25	0.3	7 698	98.1	3	0.0	104	1.3	17	0.2	7 847	100.0
233 Kauhava	37	1.0	3 636	97.3	0	0.0	63	1.7	0	0.0	3 735	100.0
236 Kaustinen	2	0.1	1 788	98.1	0	0.0	33	1.8	0	0.0	1 823	100.0
272 Kokkola-Karleby E-Pohjanmaa	26	0.4	6 639	98.3	0	0.0	87	1.3	0	0.0	6 753	100.0
300 Kuortane	19	1.4	1 341	97.0	0	0.0	23	1.7	0	0.0	1 383	100.0
301 Kurikka	10	0.4	2 497	94.6	6	0.2	108	4.1	19	0.7	2 640	100.0
399 Laihia	0	0.0	1 185	94.3	7	0.5	52	4.2	13	1.0	1 256	100.0
403 Lappajärvi	17	0.9	1 838	97.5	0	0.0	31	1.6	0	0.0	1 885	100.0
408 Lapua	9	0.4	2 253	98.0	0	0.0	38	1.6	0	0.0	2 300	100.0
421 Lestijärvi	6	0.2	3 302	98.1	0	0.0	51	1.5	7	0.2	3 367	100.0
584 Perho	0	0.0	6 194	98.7	0	0.0	83	1.3	0	0.0	6 278	100.0
743 Seinäjoki	15	0.3	4 962	97.6	0	0.0	106	2.1	0	0.0	5 082	100.0
759 Soini	10	0.3	2 983	97.9	0	0.0	55	1.8	0	0.0	3 047	100.0
846 Teuva	5	0.2	1 949	96.1	5	0.3	57	2.8	12	0.6	2 028	100.0
849 Toholampi	2	0.0	3 732	97.1	0	0.0	112	2.9	0	0.0	3 845	100.0
924 Veteli	9	0.3	3 324	98.8	0	0.0	30	0.9	0	0.0	3 363	100.0
934 Vimpeli	5	0.3	1 472	98.1	0	0.0	24	1.6	0	0.0	1 501	100.0
989 Ähtäri	20	0.7	2 787	96.2	0	0.0	85	2.9	5	0.2	2 897	100.0
Total	357	0.4	83 743	97.5	28	0.0	1 669	1.9	90	0.1	85 887	100.0
Keski-Suomi												
077 Hankasalmi	0	0.0	194	82.1	0	0.0	39	16.6	3	1.3	236	100.0
172 Joutsa	0	0.0	839	82.0	0	0.0	170	16.6	14	1.4	1 022	100.0
179 Jyväskylä	1	0.1	462	70.3	0	0.0	149	22.6	46	7.0	658	100.0
182 Jämsä	0	0.0	874	75.0	22	1.9	162	13.9	107	9.2	1 165	100.0
216 Kannonkoski	7	0.7	924	94.2	0	0.0	49	5.0	1	0.1	981	100.0
226 Karstula	6	0.2	3 335	95.2	0	0.0	161	4.6	0	0.0	3 502	100.0
249 Keuruu	6	0.2	2 158	91.1	7	0.3	131	5.5	67	2.8	2 369	100.0
256 Kinnula	2	0.1	2 002	98.0	0	0.0	37	1.8	3	0.1	2 043	100.0
265 Kivijärvi	4	0.2	1 773	96.9	0	0.0	49	2.7	5	0.3	1 830	100.0
275 Konnevesi	0	0.0	150	84.3	0	0.0	28	15.8	0	0.0	178	100.0
291 Kuhmoinen	0	0.0	229	62.2	0	0.0	106	28.9	33	8.9	368	100.0
312 Kyyjärvi	1	0.1	2 625	97.1	0	0.0	78	2.9	0	0.0	2 705	100.0
410 Laukaa	0	0.0	165	72.7	0	0.0	52	22.7	11	4.6	228	100.0
435 Luhanka	0	0.0	38	49.4	0	0.0	30	38.4	9	12.2	77	100.0
495 Multia	2	0.1	2 223	96.9	0	0.0	50	2.2	20	0.9	2 295	100.0
500 Muurame	0	0.0	21	49.0	0	0.0	15	35.2	7	15.8	44	100.0
592 Petäjävesi	0	0.0	501	87.0	0	0.0	59	10.3	16	2.7	576	100.0
601 Pihtipudas	1	0.0	3 094	97.2	0	0.0	86	2.7	3	0.1	3 184	100.0

Table 3b. Dominant tree species on poorly productive forest land by Forest Centre regions.

Forest Centre region	Treeless		Pine		Spruce		Birch		Other broadleaved tree species		Total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
729 Saarijärvi	11	0.4	2 612	95.5	0	0.0	100	3.7	14	0.5	2 736	100.0
850 Toivakka	0	0.0	163	71.0	0	0.0	57	24.9	9	4.1	229	100.0
892 Uurainen	2	0.2	720	96.0	0	0.0	23	3.1	6	0.8	750	100.0
931 Viitasaari	3	0.2	1 646	95.0	0	0.0	72	4.2	12	0.7	1 733	100.0
992 Äänekoski	0	0.1	650	92.5	0	0.0	51	7.2	1	0.2	703	100.0
Total	44	0.2	27 398	92.5	29	0.1	1 753	5.9	387	1.3	29 612	100.0
Pohjois-Savo												
140 Iisalmi	0	0.0	376	95.2	3	0.9	15	3.9	0	0.0	395	100.0
174 Juankoski	0	0.0	211	94.9	0	0.0	11	5.1	0	0.0	223	100.0
204 Kaavi	0	0.0	551	95.4	0	0.0	27	4.6	0	0.0	578	100.0
239 Keitele	0	0.0	618	93.0	0	0.0	42	6.3	4	0.6	664	100.0
263 Kiuruvesi	0	0.0	2 810	94.3	41	1.4	127	4.3	0	0.0	2 979	100.0
297 Kuopio	0	0.0	976	94.8	0	0.0	54	5.3	0	0.0	1 030	100.0
402 Lapinlahti	0	0.0	898	94.9	4	0.5	44	4.6	0	0.0	946	100.0
420 Leppävirta	6	1.7	335	91.5	0	0.0	25	6.8	0	0.0	366	100.0
476 Maaninka	0	0.0	210	98.9	0	0.0	2	1.1	0	0.0	213	100.0
595 Pielavesi	0	0.0	1 297	93.2	2	0.1	92	6.6	1	0.1	1 392	100.0
686 Rautalampi	0	0.0	192	93.2	0	0.0	14	6.8	0	0.0	205	100.0
687 Rautavaara	0	0.0	4 543	93.7	25	0.5	264	5.4	15	0.3	4 847	100.0
749 Siilinjärvi	0	0.0	85	86.4	0	0.0	13	13.6	0	0.0	99	100.0
762 Sonkajärvi	0	0.0	4 540	92.8	78	1.6	251	5.1	25	0.5	4 894	100.0
778 Suonenjoki	0	0.0	428	94.4	0	0.0	26	5.7	0	0.0	453	100.0
844 Tervo	0	0.0	160	95.4	0	0.0	8	4.6	0	0.0	167	100.0
857 Tuusniemi	0	0.0	196	98.6	0	0.0	3	1.4	0	0.0	199	100.0
915 Varkaus	3	2.1	135	86.2	0	0.0	18	11.7	0	0.0	157	100.0
921 Vesanto	0	0.0	170	93.6	0	0.0	12	6.4	0	0.0	181	100.0
925 Vieremä	0	0.0	2 381	93.1	64	2.5	111	4.4	0	0.0	2 557	100.0
Total	10	0.0	21 112	93.7	218	1.0	1 160	5.1	45	0.2	22 545	100.0
Pohjois-Karjala												
146 Ilomantsi	0	0.0	18 516	98.7	0	0.0	246	1.3	0	0.0	18 762	100.0
167 Joensuu	0	0.0	3 497	95.6	0	0.0	159	4.4	0	0.0	3 656	100.0
176 Juuka	0	0.0	3 151	95.6	0	0.0	146	4.4	0	0.0	3 297	100.0
260 Kitee	41	3.0	1 266	91.8	0	0.0	72	5.2	0	0.0	1 379	100.0
276 Kontiolahti	0	0.0	804	91.7	0	0.0	73	8.3	0	0.0	877	100.0
309 Outokumpu	0	0.0	344	98.1	0	0.0	7	1.9	0	0.0	351	100.0
422 Lieksa	0	0.0	11 345	96.4	0	0.0	420	3.6	7	0.1	11 771	100.0
426 Liperi	0	0.1	125	97.5	0	0.0	3	2.4	0	0.0	129	100.0
541 Nurmes	0	0.0	4 358	94.4	9	0.2	229	5.0	19	0.4	4 616	100.0
607 Polvijärvi	0	0.0	1 265	96.0	0	0.0	53	4.0	0	0.0	1 318	100.0
707 Rääkkylä	5	1.7	254	92.1	0	0.0	17	6.2	0	0.0	276	100.0
848 Tohmajärvi	4	0.4	991	97.2	0	0.0	25	2.4	0	0.0	1 019	100.0
911 Valtimo	0	0.0	1 856	93.0	14	0.7	115	5.8	10	0.5	1 995	100.0
Total	49	0.1	47 774	96.6	23	0.1	1 564	3.2	36	0.1	49 446	100.0
Kainuu												
105 Hyrynsalmi	0	0.0	10 079	92.1	280	2.6	540	4.9	40	0.4	10 939	100.0
205 Kajaani	0	0.0	10 802	94.1	185	1.6	463	4.0	36	0.3	11 486	100.0
290 Kuhmo	0	0.0	30 208	95.1	344	1.1	1 084	3.4	124	0.4	31 760	100.0
578 Paltamo	0	0.0	3 904	93.3	80	1.9	186	4.4	14	0.3	4 183	100.0
620 Puolanka	0	0.0	22 375	92.1	785	3.2	1 099	4.5	47	0.2	24 306	100.0
697 Ristijärvi	0	0.0	4 203	91.4	134	2.9	241	5.3	20	0.4	4 598	100.0
765 Sotkamo	0	0.0	10 625	92.7	219	1.9	561	4.9	53	0.5	11 458	100.0
777 Suomussalmi	0	0.0	49 466	91.7	2 380	4.4	1 960	3.6	153	0.3	53 959	100.0
785 Vaala	1	0.0	14 562	96.0	229	1.5	371	2.4	6	0.0	15 169	100.0
Total	1	0.0	156 223	93.1	4 636	2.8	6 505	3.9	493	0.3	167 857	100.0
Pohjois-Pohjanmaa												
009 Alavieska	19	2.2	801	95.0	1	0.1	23	2.7	0	0.0	844	100.0
069 Haapajärvi	2	0.1	2 289	94.7	8	0.4	117	4.9	0	0.0	2 417	100.0
071 Haapavesi	1	0.0	4 765	93.6	9	0.2	315	6.2	0	0.0	5 090	100.0
072 Hailuoto	3	0.3	738	81.4	0	0.0	167	18.4	0	0.0	907	100.0
208 Kalajoki	82	2.1	3 803	95.8	7	0.2	77	1.9	0	0.0	3 969	100.0
139 Ii	21	0.1	15 250	88.5	650	3.8	1 322	7.7	0	0.0	17 242	100.0
244 Kempele	0	0.0	478	90.6	0	0.0	50	9.4	0	0.0	528	100.0
305 Kuusamo	0	0.0	50 445	87.6	5 244	9.1	1 885	3.3	3	0.0	57 577	100.0
317 Kärsämäki	2	0.0	3 242	95.4	16	0.5	139	4.1	0	0.0	3 399	100.0
425 Liminka	8	0.1	6 099	95.6	49	0.8	222	3.5	0	0.0	6 377	100.0
436 Lumijoki	17	1.5	957	88.6	2	0.2	104	9.6	0	0.0	1 080	100.0
483 Merijärvi	17	2.4	677	93.9	0	0.0	27	3.7	0	0.0	722	100.0
494 Muhos	0	0.0	8 829	95.9	1	0.0	373	4.1	0	0.0	9 204	100.0
535 Nivala	2	0.3	712	94.9	0	0.0	36	4.8	0	0.0	751	100.0
563 Oulainen	3	0.1	2 139	94.3	1	0.0	126	5.5	0	0.0	2 268	100.0
564 Oulu	0	0.0	30 846	95.7	226	0.7	1 169	3.6	0	0.0	32 241	100.0
615 Pudasjärvi	0	0.0	72 870	94.4	2 502	3.2	1 825	2.4	11	0.0	77 207	100.0
625 Pyhäjoki	36	1.6	2 146	95.4	0	0.0	68	3.0	0	0.0	2 250	100.0
626 Pyhäsalmi	0	0.0	4 861	96.2	44	0.9	151	3.0	0	0.0	5 056	100.0
630 Pyhäntä	0	0.0	7 222	95.8	86	1.1	232	3.1	0	0.0	7 540	100.0
678 Raahe	19	0.3	5 345	94.7	2	0.0	281	5.0	0	0.0	5 647	100.0
691 Reisjärvi	3	0.2	1 924	97.6	1	0.0	44	2.2	0	0.0	1 972	100.0
746 Sievi	6	0.1	4 657	97.1	0	0.0	130	2.7	0	0.0	4 794	100.0
748 Siikajoki	30	0.5	6 075	94.0	26	0.4	334	5.2	0	0.0	6 467	100.0
791 Siikalatva	4	0.0	17 736	96.3	101	0.6	572	3.1	0	0.0	18 414	100.0
832 Taivalkoski	0	0.0	23 997	90.2	1 768	6.6	831	3.1	21	0.1	26 617	100.0

Table 3b. Dominant tree species on poorly productive forest land by Forest Centre regions.

Forest Centre region												
Municipality	Treeless		Pine		Spruce		Birch		Other broadleaved tree species		Total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
859 Tyrnävä	5	0.1	3 676	96.2	1	0.0	138	3.6	0	0.0	3 820	100.0
889 Utajärvi	0	0.0	20 641	96.1	280	1.3	545	2.5	4	0.0	21 470	100.0
977 Ylivieska	7	0.5	1 580	95.3	1	0.1	69	4.2	0	0.0	1 658	100.0
Total	288	0.1	304 802	93.1	11 027	3.4	11 373	3.5	38	0.0	327 528	100.0
Lapland												
047 Enontekiö	0	0.0	32 336	18.0	2 086	1.2	145 061	80.8	0	0.0	179 483	100.0
148 Inari	0	0.0	161 689	48.6	20 524	6.2	150 471	45.2	0	0.0	332 684	100.0
240 Kemi	0	0.0	57	64.4	17	19.6	14	16.0	0	0.0	88	100.0
241 Kemijärvi	1	0.0	3 186	76.0	499	11.9	508	12.1	0	0.0	4 194	100.0
261 Kittilä	3	0.0	104 949	70.4	22 144	14.9	21 987	14.7	83	0.1	149 167	100.0
273 Kolari	4	0.0	36 130	78.6	5 793	12.6	4 025	8.8	26	0.1	45 977	100.0
320 Kemijärvi	0	0.0	39 555	87.5	3 310	7.3	2 322	5.1	8	0.0	45 196	100.0
498 Muonio	21	0.1	20 003	72.4	3 342	12.1	4 278	15.5	0	0.0	27 644	100.0
583 Pelkosenniemi	0	0.0	25 612	83.5	3 298	10.8	1 719	5.6	37	0.1	30 666	100.0
614 Posio	0	0.0	36 856	88.7	3 591	8.6	1 096	2.6	0	0.0	41 542	100.0
683 Ranua	19	0.0	57 546	92.5	2 881	4.6	1 752	2.8	2	0.0	62 200	100.0
698 Rovaniemi	521	0.5	84 596	79.7	11 100	10.5	9 701	9.1	191	0.2	106 109	100.0
732 Salla	0	0.0	69 908	77.1	15 295	16.9	5 442	6.0	0	0.0	90 645	100.0
742 Savukoski	65	0.1	74 574	75.7	16 863	17.1	6 960	7.1	16	0.0	98 478	100.0
751 Simo	78	0.4	14 189	79.3	1 583	8.9	2 028	11.3	9	0.1	17 886	100.0
758 Sodankylä	0	0.0	129 352	72.5	24 819	13.9	23 870	13.4	319	0.2	178 360	100.0
845 Tervola	66	0.3	15 102	76.3	2 075	10.5	2 518	12.7	27	0.1	19 788	100.0
851 Tornio	25	0.2	7 977	72.6	1 500	13.7	1 487	13.5	0	0.0	10 989	100.0
854 Pello	264	1.3	15 947	76.3	2 574	12.3	2 102	10.1	19	0.1	20 906	100.0
890 Utsjoki	0	0.0	5 259	6.8	15	0.0	72 690	93.2	0	0.0	77 964	100.0
976 Ylitornio	969	3.2	22 521	73.4	3 759	12.3	3 409	11.1	20	0.1	30 678	100.0
Total	2 038	0.1	957 344	61.0	147 069	9.4	463 439	29.5	754	0.1	1 570 644	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region		Open regeneration site		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	Forest land total									
	Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%								
545	Närpes-Närpiö	750	1.2	13 205	20.2	14 593	22.3	12 140	18.6	5 954	9.1	3 083	4.7	2 176	3.3	65 317	100.0				
598	Jakobstad-Pietarsaari	66	1.2	1 214	21.7	1 410	25.2	1 154	20.7	282	5.1	141	2.5	166	3.0	5 587	100.0				
599	Pedersöre-Pedersören kunta	688	1.3	9 105	16.5	11 422	20.7	11 669	21.1	3 781	6.9	1 657	3.0	1 609	2.9	55 198	100.0				
893	Nykarleby-Uusikaarlepyy	749	1.5	8 675	17.4	10 672	21.4	10 260	20.6	3 490	7.0	1 664	3.3	1 407	2.8	49 819	100.0				
905	Vaasa-Vasa	215	1.1	4 008	20.0	4 481	22.4	4 160	20.8	1 999	10.0	730	3.7	610	3.0	20 028	100.0				
946	Vörrä-Vöyri	858	1.6	12 250	23.0	11 531	21.7	10 214	19.2	3 589	6.7	1 711	3.2	1 467	2.8	53 229	100.0				
	Total	6 605	1.3	96 259	19.5	108 670	22.0	99 135	20.0	60 754	12.3	54 704	11.1	37 226	7.5	17 099	3.5	14 524	2.9	494 975	100.0
Lounais-Suomi																					
019	Aura	84	2.1	912	23.2	605	15.4	780	19.8	698	17.7	425	10.8	268	6.8	130	3.3	31	0.8	3 933	100.0
050	Eura	366	1.0	6 285	17.9	6 553	18.6	7 918	22.5	5 732	16.3	4 255	12.1	2 413	6.9	1 315	3.7	345	1.0	35 182	100.0
051	Eurajoki	87	0.4	4 068	18.1	4 087	18.2	5 194	23.1	4 142	18.4	2 785	12.4	1 406	6.3	527	2.4	173	0.8	22 470	100.0
079	Harjavalta	58	0.8	1 147	15.9	1 371	19.0	1 770	24.6	1 306	18.1	820	11.4	446	6.2	213	3.0	79	1.1	7 211	100.0
099	Honkajoki	80	0.4	3 230	16.2	2 614	13.1	4 572	22.9	3 167	15.9	3 093	15.5	1 631	8.2	967	4.9	604	3.0	19 958	100.0
102	Huittinen	516	2.0	5 680	21.5	5 528	20.9	5 414	20.5	4 038	15.3	2 686	10.2	1 432	5.4	914	3.5	238	0.9	26 445	100.0
181	Jämijärvi	242	1.8	2 667	20.3	2 312	17.6	2 719	20.7	2 284	17.3	1 508	11.5	879	6.7	381	2.9	178	1.4	13 169	100.0
202	Kaarina	46	0.7	1 482	21.9	1 189	17.6	1 416	21.0	1 186	17.6	737	10.9	469	6.9	176	2.6	55	0.8	6 756	100.0
214	Kankaanpää	1 635	3.5	7 644	16.1	6 854	14.4	9 794	20.6	8 945	18.8	5 889	12.4	3 619	7.6	1 614	3.4	1 474	3.1	47 468	100.0
230	Karvia	273	0.9	4 769	15.6	3 350	11.0	7 197	23.6	4 666	15.3	3 068	10.1	1 581	5.2	924	3.0	924	3.0	30 508	100.0
271	Kokemäki	650	2.2	6 015	20.6	5 536	19.0	5 866	20.1	4 918	16.9	3 097	10.6	1 744	6.0	1 096	3.8	241	0.8	29 164	100.0
284	Koski T.I.	222	2.7	1 878	23.2	1 464	18.1	1 542	18.5	1 169	14.4	1 074	13.3	401	5.0	362	4.5	40	0.5	8 110	100.0
304	Kustavi	28	0.3	1 180	13.2	1 463	16.3	1 742	19.4	1 368	15.3	1 348	15.0	894	10.0	643	7.2	303	3.4	8 971	100.0
319	Köyliö	271	1.9	2 063	14.2	2 616	18.0	3 252	22.3	2 685	18.4	1 777	12.2	979	6.7	785	5.4	130	0.9	14 559	100.0
400	Laitila	255	0.8	5 367	16.6	5 504	17.1	7 356	22.8	5 840	18.1	3 883	12.0	2 484	7.7	1 239	3.8	318	1.0	32 246	100.0
413	Lavia	538	2.2	4 567	18.9	4 660	19.3	4 765	19.8	4 491	18.6	2 448	10.2	1 433	5.9	712	3.0	514	2.1	24 128	100.0
423	Lieto	108	1.3	1 688	19.7	1 328	15.5	1 704	19.9	1 526	17.8	1 126	13.2	618	7.2	409	4.8	47	0.6	8 555	100.0
430	Loimaa	837	2.5	7 059	21.1	6 673	19.9	6 440	19.2	5 204	15.6	3 867	11.6	1 860	5.6	1 309	3.9	217	0.7	33 467	100.0
442	Luvia	20	0.2	1 902	15.9	2 581	21.5	2 934	24.5	2 167	18.1	1 337	11.2	690	5.8	255	2.1	104	0.9	11 990	100.0
480	Marttila	50	0.6	1 876	21.0	1 506	16.9	1 915	21.4	1 548	17.3	1 063	11.9	520	5.8	351	3.9	107	1.2	8 936	100.0
481	Masku	68	0.8	1 675	20.4	1 410	17.1	1 787	21.7	1 323	16.1	932	11.3	676	8.2	266	3.2	89	1.1	8 226	100.0
484	Merikarvia	229	0.7	6 317	18.2	7 725	22.2	7 430	21.4	5 727	16.5	4 124	11.9	1 768	5.1	843	2.4	634	1.8	34 797	100.0
503	Mynämäki	249	0.8	4 752	15.4	4 736	15.4	7 258	23.5	5 974	19.4	3 832	12.4	2 456	8.0	1 346	4.4	230	0.8	30 833	100.0
529	Naantali	55	0.3	2 609	16.0	2 299	14.1	2 800	17.2	2 666	16.3	2 215	13.6	1 911	11.7	1 204	7.4	561	3.4	16 320	100.0
531	Nakkila	18	0.2	1 764	18.4	1 955	20.4	2 311	24.1	1 693	17.7	1 072	11.2	548	5.7	148	1.5	77	0.8	9 586	100.0
538	Nousiainen	154	1.5	1 665	16.1	1 533	14.9	2 333	22.6	1 932	18.7	1 349	13.1	817	7.9	480	4.7	58	0.6	10 320	100.0
561	Oripää	137	2.7	926	18.2	816	16.0	1 023	20.1	851	16.7	671	13.2	362	7.1	263	5.2	42	0.8	5 093	100.0
577	Paimio	99	0.8	2 206	18.4	2 082	17.3	2 500	20.8	2 079	17.3	1 498	12.5	918	7.6	518	4.3	123	1.0	12 024	100.0
608	Pomarkku	357	1.5	3 830	16.5	3 705	16.0	4 520	19.5	4 741	20.4	3 099	13.4	1 819	7.8	590	2.5	555	2.4	23 216	100.0
609	Pori	240	0.4	9 528	17.5	11 426	20.9	12 112	22.2	9 643	17.7	6 350	11.6	3 210	5.9	1 403	2.6	681	1.3	54 593	100.0
631	Pyhäranta	41	0.4	1 805	18.2	1 666	16.8	2 179	22.0	1 902	19.2	1 186	12.0	743	7.5	321	3.2	64	0.7	9 907	100.0
636	Pöytyä	340	0.8	6 058	14.3	7 398	17.4	9 838	23.2	7 457	17.6	5 727	13.5	3 134	7.4	2 021	4.8	441	1.0	42 414	100.0
680	Raisio	17	0.9	420	21.9	311	16.3	367	19.2	225	11.8	175	9.2	175	9.2	68	3.6	22	1.2	1 913	100.0
684	Rauma	179	0.6	5 091	16.0	5 653	17.8	7 143	22.4	5 906	18.6	4 063	12.8	2 311	7.3	1 127	3.5	369	1.2	31 843	100.0
704	Rusko	60	1.0	895	14.2	1 001	15.9	1 410	22.4	1 219	19.4	848	13.5	514	8.2	309	4.9	39	0.6	6 295	100.0
734	Salo	1 020	0.9	18 881	17.4	20 293	18.7	23 755	21.9	18 219	16.8	13 099	12.1	7 321	6.8	4 214	3.9	1 640	1.5	108 442	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region		Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total	
	Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
738	Sauvo	99	0.8	2 506	19.7	2 361	18.6	2 745	21.6	2 210	17.4	1 421	11.2	905	7.1	382	3.0	95	0.7	12 725	100.0
747	Sillinkainen	145	0.4	5 634	16.5	6 239	18.3	7 265	21.3	5 802	17.0	4 542	13.3	2 329	6.8	1 364	4.0	739	2.2	34 060	100.0
761	Somero	422	1.3	6 956	20.6	6 938	20.6	7 117	21.1	5 379	15.9	3 881	11.5	1 682	5.0	982	2.9	402	1.2	33 760	100.0
783	Säkylä	380	3.8	1 654	16.6	1 661	16.7	1 999	20.1	1 744	17.5	1 101	11.1	750	7.5	594	6.0	66	0.7	9 948	100.0
833	Taivassalo	30	0.5	1 206	17.7	1 106	16.3	1 264	18.6	1 100	16.2	849	12.5	680	10.0	379	5.6	181	2.7	6 797	100.0
838	Tarvasjoki	39	0.9	945	21.9	725	16.8	894	20.7	787	18.2	468	10.8	284	6.6	138	3.2	39	0.9	4 319	100.0
853	Turku-Åbo	112	1.1	2 131	21.2	1 533	15.2	1 995	19.8	1 709	17.0	1 214	12.1	821	8.2	446	4.4	101	1.0	10 063	100.0
886	Ulvila	199	0.7	4 336	15.6	5 135	18.4	6 661	23.9	5 397	19.4	3 347	12.0	1 864	6.7	676	2.4	275	1.0	27 890	100.0
895	Uusikaupunki	77	0.3	4 915	16.1	5 455	17.9	6 513	21.4	5 283	17.4	3 972	13.0	2 439	8.0	1 320	4.3	483	1.6	30 458	100.0
918	Vehmaa	59	0.6	2 213	21.7	1 929	18.9	2 177	21.3	1 694	16.6	1 053	10.3	730	7.1	274	2.7	93	0.9	10 223	100.0
Total		11 192	1.1	172 398	17.6	174 884	17.9	211 647	21.6	169 840	17.3	120 025	12.3	68 424	7.0	36 659	3.7	14 220	1.5	979 290	100.0
Häme-Uusimaa																					
016	Asikkala	530	1.3	8 543	20.8	10 327	25.1	8 741	21.2	6 972	16.9	3 574	8.7	1 396	3.4	632	1.5	430	1.0	41 143	100.0
018	Askola	282	2.5	2 680	23.3	2 596	22.6	2 583	22.5	1 558	13.5	947	8.2	443	3.9	244	2.1	171	1.5	11 504	100.0
061	Forssa	181	1.3	2 873	20.8	2 548	18.5	2 805	20.3	2 462	17.8	1 665	12.1	836	6.1	341	2.5	83	0.6	13 794	100.0
081	Hartola	647	1.4	8 914	19.9	11 268	25.1	9 997	22.3	6 407	14.3	4 430	9.9	2 008	4.5	852	1.9	373	0.8	44 898	100.0
082	Hattula	304	1.3	4 775	20.1	6 068	25.5	4 987	21.0	4 176	17.6	1 878	7.9	827	3.5	408	1.7	376	1.6	23 800	100.0
086	Hausjärvi	396	1.9	4 609	22.1	4 570	21.9	4 472	21.5	3 331	16.0	1 819	8.7	861	4.1	439	2.1	330	1.6	20 829	100.0
098	Hollola	425	1.5	6 600	22.7	6 817	23.5	6 134	21.1	5 013	17.3	2 429	8.4	978	3.4	376	1.3	263	0.9	29 034	100.0
103	Humppila	292	4.0	1 726	23.7	1 258	17.3	1 460	20.1	1 189	16.3	723	9.9	374	5.1	206	2.8	54	0.7	7 283	100.0
106	Hyvinkää	403	2.1	3 878	19.7	4 195	21.3	4 282	21.7	3 426	17.4	1 778	9.0	916	4.7	462	2.3	370	1.9	19 710	100.0
109	Hämeenlinna	1 586	1.2	24 321	18.9	29 315	22.7	27 919	21.6	24 728	19.2	11 966	9.3	5 384	4.2	2 221	1.7	1 549	1.2	128 988	100.0
111	Heinola	910	1.6	10 298	17.8	14 266	24.7	13 209	22.9	8 949	15.5	5 456	9.5	2 676	4.6	1 212	2.1	737	1.3	57 713	100.0
165	Janakkala	606	1.8	6 887	20.4	7 404	21.9	7 243	21.5	6 103	18.1	2 994	8.9	1 412	4.2	639	1.9	465	1.4	33 752	100.0
169	Jokioinen	236	2.9	2 044	25.3	1 520	18.8	1 363	16.9	1 226	15.2	982	12.2	435	5.4	256	3.2	23	0.3	8 086	100.0
186	Järvenpää	56	4.3	364	27.7	289	22.0	237	18.0	184	14.0	98	7.4	47	3.6	21	1.6	20	1.5	1 316	100.0
224	Karkkila	234	1.4	3 533	21.0	3 741	22.2	3 598	21.3	2 998	17.8	1 520	9.0	700	4.2	285	1.7	253	1.5	16 862	100.0
245	Kerava	53	4.5	261	22.1	247	20.9	255	21.6	183	15.4	90	7.6	49	4.2	24	2.0	23	1.9	1 185	100.0
283	Hämeenkoski	214	1.8	2 842	24.2	2 644	22.5	2 387	20.3	2 073	17.6	972	8.3	382	3.3	143	1.2	96	0.8	11 753	100.0
316	Kärkölä	348	2.5	3 636	26.2	3 137	22.6	2 691	19.4	2 122	15.3	1 070	7.7	466	3.4	226	1.6	166	1.2	13 863	100.0
398	Lahti	193	2.9	1 597	24.2	1 402	21.3	1 401	21.3	1 048	15.9	517	7.9	251	3.8	113	1.7	71	1.1	6 594	100.0
433	Loppi	733	1.7	8 926	20.8	9 561	22.2	9 070	21.1	7 510	17.5	3 777	8.8	1 884	4.4	834	1.9	692	1.6	42 987	100.0
444	Lohja	1 115	1.9	14 101	24.1	14 022	24.0	11 533	19.7	8 631	14.8	4 603	7.9	2 524	4.3	1 073	1.8	864	1.5	58 466	100.0
504	Myrskylä-Mörskom	202	1.7	2 868	23.9	2 685	22.4	3 035	25.3	1 608	13.4	841	7.0	431	3.6	199	1.7	119	1.0	11 988	100.0
505	Mäntsälä	883	2.6	7 852	22.7	7 425	21.4	7 319	21.1	5 543	16.0	3 141	9.1	1 367	4.0	581	1.7	528	1.5	34 640	100.0
532	Nastola	170	0.8	5 360	24.8	5 150	23.8	5 536	25.6	2 907	13.4	1 371	6.3	709	3.3	304	1.4	142	0.7	21 651	100.0
543	Nurmijärvi	456	2.6	4 881	27.8	4 233	24.1	3 247	18.5	2 394	13.6	1 217	6.9	591	3.4	295	1.7	256	1.5	17 571	100.0
560	Orinmattila	885	2.0	11 429	20.8	10 397	23.9	9 804	22.5	5 743	13.2	2 834	6.5	1 480	3.4	631	1.5	363	0.8	43 567	100.0
576	Padasjoki	542	1.3	6 719	15.7	9 623	22.5	9 707	22.7	8 561	20.0	4 241	9.9	1 996	4.7	932	2.2	523	1.2	42 844	100.0
611	Pornainen	127	1.6	1 482	18.2	2 029	24.9	1 978	24.3	1 203	14.8	692	8.5	305	3.7	178	2.2	153	1.9	8 146	100.0
616	Pukkila	173	2.4	1 779	25.1	1 828	25.8	1 507	21.2	901	12.7	501	7.1	225	3.2	98	1.4	82	1.2	7 093	100.0
694	Riihimäki	146	2.2	1 607	24.1	1 448	21.7	1 325	19.8	1 152	17.2	554	8.3	260	3.9	111	1.7	78	1.2	6 681	100.0
781	Sysmä	908	1.7	10 984	20.6	12 997	24.3	11 579	21.7	8 281	15.5	4 983	9.3	2 304	4.3	936	1.8	492	0.9	53 463	100.0
834	Tammela	533	1.2	7 307	16.5	9 811	22.1	10 090	22.7	8 006	18.0	4 766	10.7	2 153	4.9	1 054	2.4	702	1.6	44 422	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
858 Tuusula	312	3.0	2 815	27.1	2 473	23.8	1 865	18.0	1 485	14.3	755	7.3	366	3.5	160	1.5	154	1.5	10 384	100.0
927 Vihti	428	1.4	6 464	20.3	7 191	22.6	6 821	21.4	5 221	16.4	2 867	9.0	1 435	4.5	757	2.4	627	2.0	31 813	100.0
981 Ypäjä	248	3.1	1 739	21.9	1 434	18.1	1 365	17.2	1 168	14.7	1 126	14.2	498	6.3	331	4.2	27	0.3	7 936	100.0
Total	15 760	1.7	196 695	21.0	215 918	23.1	201 549	21.5	154 463	16.5	83 176	8.9	38 971	4.2	17 575	1.9	11 654	1.3	935 760	100.0
Kaakkoiis-Suomi																				
075 Hamina	319	0.7	10 145	23.4	8 998	20.8	10 260	23.7	5 827	13.5	4 092	9.5	2 365	5.5	687	1.6	604	1.4	43 297	100.0
142 Iitti	427	1.1	6 914	18.0	8 008	20.9	10 746	28.0	6 065	15.8	3 186	8.3	1 778	4.6	822	2.1	434	1.1	38 381	100.0
153 Imatra	49	0.5	2 218	23.5	2 073	22.0	2 192	23.3	1 324	14.0	861	9.1	507	5.4	155	1.6	50	0.5	9 429	100.0
285 Kotka	97	0.6	4 513	26.0	3 755	21.6	4 120	23.7	2 079	12.0	1 391	8.0	848	4.9	297	1.7	269	1.6	17 368	100.0
286 Kouvola	2 425	1.4	29 619	17.4	37 896	22.3	41 977	24.7	25 939	15.3	17 092	10.1	8 892	5.2	3 821	2.3	2 427	1.4	170 089	100.0
405 Leppenranta	434	0.4	22 644	22.8	21 069	21.2	23 173	23.3	13 912	14.0	10 063	10.1	5 512	5.6	1 567	1.6	899	0.9	99 274	100.0
416 Lemi	106	0.7	3 796	25.1	3 371	22.3	3 348	22.1	1 878	12.4	1 567	10.3	785	5.2	203	1.3	96	0.6	15 150	100.0
441 Luumäki	74	0.1	11 357	19.7	12 623	21.9	14 204	24.7	8 175	14.2	6 451	11.2	3 147	5.5	931	1.6	665	1.2	57 626	100.0
489 Miehikkälä	193	0.6	6 409	20.5	6 437	20.6	7 662	24.5	4 451	14.2	3 359	10.7	1 894	6.1	512	1.6	351	1.1	31 267	100.0
580 Parikkala	329	0.8	9 745	22.4	11 548	26.5	11 107	25.5	4 748	10.9	3 664	8.4	1 862	4.3	471	1.1	97	0.2	43 572	100.0
624 Pyhtää-Pyttis	177	0.8	4 565	21.0	5 082	23.4	5 540	25.5	2 734	12.6	1 673	7.7	1 026	4.7	514	2.4	417	1.9	21 728	100.0
689 Raujärvi	550	1.9	8 914	30.9	6 068	21.0	5 943	20.6	3 086	10.7	2 314	8.0	1 530	5.3	375	1.3	85	0.3	28 865	100.0
700 Ruokolahti	614	1.0	16 181	19.8	17 482	21.4	21 230	26.0	10 878	13.3	8 410	10.3	5 101	6.2	1 429	1.8	497	0.6	81 820	100.0
739 Saviteipale	414	1.0	9 518	22.1	8 985	20.8	10 533	24.4	5 399	12.5	4 370	10.1	2 551	5.9	839	2.0	526	1.2	43 134	100.0
831 Taipalsaari	174	0.6	6 213	22.3	6 240	22.4	6 651	23.9	3 409	12.2	2 778	10.0	1 711	6.1	449	1.6	224	0.8	27 849	100.0
935 Virolahti	224	0.9	5 803	22.4	5 137	19.8	6 235	24.1	3 575	13.8	2 563	9.9	1 554	6.0	406	1.6	397	1.5	25 894	100.0
Total	6 606	0.9	158 554	21.0	164 771	21.8	184 921	24.5	103 481	13.7	73 834	9.8	41 063	5.4	13 477	1.8	8 037	1.1	754 744	100.0
Pirkanmaa																				
020 Akaa	174	1.1	3 173	19.3	3 572	21.7	3 855	23.4	2 691	16.4	1 629	9.9	872	5.3	344	2.1	135	0.8	16 445	100.0
108 Hämeenkyrö	308	1.0	6 881	21.7	6 827	21.8	7 116	22.4	5 043	15.9	3 146	9.9	1 327	4.2	677	2.1	339	1.1	31 764	100.0
143 Ikaalinen	559	1.0	10 679	18.6	11 861	20.7	13 445	23.5	9 135	15.9	6 270	10.9	2 876	5.0	1 657	2.9	824	1.4	57 305	100.0
177 Juupajoki	331	1.6	4 260	20.6	4 062	19.6	4 998	24.2	2 877	13.9	2 284	11.0	1 031	5.0	581	2.8	257	1.2	20 680	100.0
211 Kangasala	513	1.1	7 476	16.2	9 311	20.1	11 495	24.9	8 492	18.4	4 800	10.4	2 574	5.6	1 094	2.4	478	1.0	46 234	100.0
250 Kihniö	454	1.7	4 072	14.9	3 388	12.4	6 103	22.4	5 096	18.7	3 822	14.0	2 508	9.2	1 243	4.6	607	2.2	27 292	100.0
418 Lempäälä	276	1.6	3 238	18.5	3 673	21.0	4 412	25.2	2 589	14.8	1 667	9.5	1 054	6.0	461	2.6	153	0.9	17 524	100.0
508 Mänttä-Viippula	438	1.0	8 688	19.7	9 790	22.2	10 483	23.8	6 177	14.0	4 397	10.0	2 262	5.1	1 153	2.6	633	1.4	44 020	100.0
536 Nokia	297	1.5	3 851	19.8	4 225	21.8	4 755	24.5	3 051	15.7	1 732	8.9	884	4.6	441	2.3	174	0.9	19 411	100.0
562 Orivesi	761	1.2	11 016	17.4	13 236	20.9	16 149	25.5	10 038	15.8	6 670	10.5	3 139	5.0	1 678	2.7	720	1.1	63 406	100.0
604 Pirkkala	1 106	1.7	9 481	14.5	9 871	15.1	15 391	23.6	11 658	17.9	8 734	13.4	5 145	7.9	2 618	4.0	1 273	2.0	65 277	100.0
619 Punkalaidun	102	2.1	1 136	23.0	1 089	22.0	1 153	23.3	695	14.1	388	7.9	236	4.8	112	2.3	36	0.7	4 948	100.0
635 Pälkäne	345	1.8	3 866	20.5	3 878	20.6	4 119	21.9	2 874	15.3	1 843	9.8	1 146	6.1	579	3.1	191	1.0	18 841	100.0
702 Ruovesi	902	1.4	10 778	16.9	12 687	19.9	17 817	27.9	8 935	14.0	6 537	10.6	3 046	4.8	2 056	3.2	1 046	1.6	63 804	100.0
790 Sastamala	1 881	2.0	19 225	20.0	20 167	21.0	20 867	21.7	15 806	16.4	9 332	9.7	5 220	5.4	2 594	2.7	1 133	1.2	96 224	100.0
837 Tampere	550	1.5	6 260	16.7	7 512	20.0	9 842	26.2	6 010	16.0	4 040	10.8	2 721	5.4	906	2.4	405	1.1	37 533	100.0
887 Urjala	407	1.4	5 995	20.0	6 009	20.0	6 712	22.4	5 013	16.7	3 036	10.1	1 721	5.7	849	2.8	235	0.8	29 975	100.0
908 Valkeakoski	217	1.3	3 335	20.3	3 843	23.4	3 578	21.8	2 785	17.0	1 430	8.7	756	4.6	323	2.0	144	0.9	16 410	100.0
922 Vesilahti	395	1.9	3 939	19.1	3 958	19.2	4 704	22.8	3 212	15.6	2 145	10.4	1 412	6.8	668	3.2	196	1.0	20 628	100.0
936 Virrat	1 004	1.1	15 885	17.2	16 303	17.6	21 166	22.9	15 081	16.3	11 003	11.9	6 507	7.0	3 870	4.2	1 579	1.7	92 398	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
980 Ylöjärvi	1087	1.2	14 564	16.1	16 966	18.8	23 868	26.5	13 988	15.5	10 315	11.4	4 842	5.4	2 996	3.3	1 601	1.8	90 227	100.0
Total	12 478	1.4	164 562	17.9	181 475	19.7	221 435	24.0	149 814	16.3	99 205	10.8	52 443	5.7	27 686	3.0	12 591	1.4	921 677	100.0
Etelä-Savo																				
046 Enonkoski	220	0.8	5 841	21.9	6 067	22.7	6 644	24.9	3 034	11.4	2 466	9.2	1 719	6.4	519	1.9	209	0.8	26 719	100.0
090 Heinävesi	765	0.8	18 410	19.9	20 684	22.4	24 254	26.2	10 031	10.9	8 908	9.6	6 079	6.6	2 570	2.8	769	0.8	92 469	100.0
097 Hirvensalmi	399	1.0	7 756	19.6	10 770	27.3	8 868	22.4	4 528	11.5	3 918	9.9	2 020	5.1	841	2.1	413	1.1	39 513	100.0
171 Joroinen	299	0.7	9 855	22.2	11 242	25.4	9 907	22.3	4 740	10.7	4 227	9.5	2 407	5.4	1 250	2.8	429	1.0	44 356	100.0
178 Juva	569	0.6	19 088	19.9	22 552	23.5	21 793	22.7	11 509	12.0	11 472	11.9	5 775	6.0	2 410	2.5	926	1.0	96 095	100.0
213 Kangasniemi	1 020	1.1	20 983	22.8	22 968	25.0	20 144	21.9	9 129	9.9	8 991	9.8	5 191	5.6	2 567	2.8	1 059	1.2	92 052	100.0
491 Mikkelä	1 456	0.7	40 834	19.3	50 083	23.7	46 274	21.9	26 345	12.5	24 356	11.5	13 810	6.5	5 201	2.5	2 724	1.3	211 083	100.0
507 Mäntyharju	1 289	1.5	13 787	16.4	20 573	24.5	19 341	23.0	12 206	14.5	8 506	10.1	4 894	5.8	2 093	2.5	1 248	1.5	83 937	100.0
588 Pertunmaa	447	1.4	6 399	20.3	8 399	26.6	6 523	20.7	4 703	14.9	2 911	9.2	1 373	4.4	545	1.7	230	0.7	31 530	100.0
593 Piesämäki	1 321	1.0	26 314	19.8	34 887	26.2	28 796	21.7	15 548	11.7	11 926	9.0	7 621	5.7	4 317	3.2	2 301	1.7	133 032	100.0
623 Puumala	458	0.7	13 533	19.4	15 042	21.6	18 291	26.2	8 514	12.2	6 779	9.7	4 926	7.1	1 498	2.2	689	1.0	69 730	100.0
681 Rantasalmi	402	0.9	10 854	24.6	10 950	24.8	9 405	21.3	4 730	10.7	4 246	9.6	2 446	5.5	847	1.9	343	0.8	44 222	100.0
740 Savonlinna	1 491	0.8	40 935	21.5	43 916	23.0	47 580	25.0	22 204	11.6	18 702	9.8	11 344	6.0	3 329	1.8	1 213	0.6	190 713	100.0
768 Sulkava	721	1.5	13 363	26.8	10 840	21.7	10 759	21.6	5 404	10.8	4 733	9.5	2 883	5.8	853	1.7	328	0.7	49 883	100.0
Total	10 857	0.9	247 952	20.6	288 973	24.0	278 578	23.1	142 623	11.8	122 141	10.1	72 488	6.0	28 840	2.4	12 882	1.1	2 053 334	100.0
Etelä-Pohjanmaa																				
005 Alajärvi	1 128	1.6	10 206	14.3	11 155	15.6	16 236	22.7	11 530	16.1	10 365	14.5	6 706	9.4	2 387	3.3	1 911	2.7	71 623	100.0
010 Alavus	719	1.0	12 356	16.5	10 894	14.5	16 547	22.0	11 276	15.0	9 989	13.3	7 701	10.3	3 408	4.5	2 187	2.9	75 077	100.0
052 Evijärvi	218	0.9	4 187	17.7	4 357	18.5	4 590	19.4	3 976	16.8	3 173	13.4	1 836	7.8	841	3.6	439	1.9	23 617	100.0
074 Halsua	222	0.8	3 890	14.4	3 841	14.2	5 704	21.1	5 505	20.4	3 498	12.9	2 073	7.7	1 157	4.3	1 156	4.3	27 046	100.0
145 Ilmajoki	535	1.6	6 325	19.3	5 873	17.9	6 248	19.1	4 879	14.9	3 935	12.0	2 663	8.1	1 353	4.1	954	2.9	32 766	100.0
151 Isojoki	303	0.7	6 588	14.6	6 905	15.3	10 102	22.4	7 623	16.9	6 879	15.3	3 879	8.6	1 704	3.8	1 079	2.4	45 061	100.0
152 Isokyrö	348	1.8	3 990	20.6	4 139	21.4	3 694	19.1	2 877	14.9	2 176	11.2	1 180	6.1	513	2.7	446	2.3	19 363	100.0
164 Jalasjärvi	446	0.9	9 987	18.3	6 870	14.0	9 916	20.2	7 699	15.7	6 580	13.4	4 870	9.9	2 275	4.6	1 383	2.8	49 026	100.0
217 Kannus	510	1.6	4 099	12.8	4 262	13.3	6 461	20.2	6 547	20.5	5 448	17.0	2 850	8.9	1 238	3.9	601	1.9	32 016	100.0
218 Karjoki	155	1.3	2 248	18.3	2 274	18.5	2 294	18.7	1 670	13.6	1 481	12.1	1 173	9.6	561	4.6	426	3.5	12 281	100.0
232 Kauhajoki	474	0.6	11 699	14.9	11 964	15.2	16 260	20.7	12 879	16.4	12 015	15.3	6 951	8.8	3 854	4.9	2 557	3.3	78 672	100.0
233 Kauhava	1 031	1.4	14 690	19.2	14 295	18.7	15 140	19.8	11 105	14.5	9 314	12.2	6 092	8.0	2 894	3.8	2 040	2.7	76 601	100.0
236 Kaustinen	201	0.9	2 930	12.6	3 817	16.4	4 782	20.6	4 613	19.8	3 551	15.3	2 039	8.8	843	3.6	470	2.0	23 245	100.0
272 Kookola-Karleby E-	1 372	1.8	11 856	15.8	11 981	16.0	15 266	20.4	13 603	18.2	10 851	14.5	5 495	7.3	2 603	3.5	1 845	2.5	74 872	100.0
300 Kuortane	424	1.3	5 188	16.3	5 352	16.8	6 526	20.5	4 780	15.0	4 249	13.3	3 120	9.8	1 426	4.5	808	2.5	31 873	100.0
301 Kurikka	540	0.9	11 413	19.4	11 506	19.6	11 585	19.7	8 123	13.8	6 927	11.8	4 511	7.7	2 578	4.4	1 618	2.8	58 802	100.0
399 Laihia	413	1.3	5 331	16.2	6 812	20.7	6 660	20.2	4 982	15.1	4 059	12.3	2 445	7.4	1 351	4.1	867	2.6	32 919	100.0
403 Lappajärvi	301	1.1	4 251	14.8	5 290	18.4	6 135	21.4	4 683	16.3	4 088	14.2	2 497	8.7	941	3.3	514	1.8	28 699	100.0
408 Lapua	505	1.2	6 482	15.3	7 234	17.0	9 072	21.4	6 778	16.0	5 667	13.3	4 002	9.4	1 693	4.0	1 057	2.5	42 491	100.0
421 Lestijärvi	458	1.4	5 623	16.7	5 025	14.9	6 853	20.4	6 260	18.6	4 504	13.4	2 444	7.3	1 389	4.1	1 127	3.4	33 684	100.0
584 Perho	490	1.0	6 012	12.3	7 042	14.4	11 423	23.3	9 679	19.7	6 212	12.7	4 102	8.4	2 286	4.7	1 814	3.7	49 059	100.0
743 Seinäjoki	1 207	1.4	17 404	20.2	14 097	16.4	17 349	20.2	13 008	15.1	10 902	12.7	7 050	8.2	3 000	3.5	1 998	2.3	86 016	100.0
759 Soini	444	1.1	5 206	12.7	6 499	15.8	9 912	24.1	7 041	17.1	5 524	13.4	3 602	8.8	1 315	3.2	1 567	3.8	41 111	100.0
846 Teuva	201	0.6	6 444	17.8	7 126	19.6	7 365	20.3	5 269	14.5	4 415	12.2	2 926	8.1	1 574	4.3	982	2.7	36 302	100.0
849 Toholampi	471	1.2	6 232	16.2	5 834	15.2	7 210	18.8	7 375	19.2	5 470	14.2	3 035	7.9	1 488	3.9	1 312	3.4	38 426	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
778 Suonenjoki	733	1.2	12 393	20.5	16 286	27.0	12 778	21.2	6 552	10.9	5 099	8.5	3 452	5.7	1 995	3.3	1 058	1.8	60 345	100.0
844 Tervo	229	0.8	6 609	22.3	8 751	29.5	6 333	21.3	2 983	10.1	2 311	7.8	1 486	5.0	691	2.3	277	0.9	29 669	100.0
857 Tuusniemi	411	0.9	9 615	21.0	11 787	25.8	11 090	24.3	4 347	9.5	4 127	9.0	2 404	5.3	1 547	3.4	407	0.9	45 735	100.0
915 Varkaus	144	0.5	6 680	20.9	7 716	24.2	7 766	24.3	3 302	10.3	3 153	9.9	2 074	6.5	793	2.5	311	1.0	31 938	100.0
921 Vesanto	291	0.8	6 639	18.9	9 247	26.3	8 201	23.3	4 538	12.9	3 383	9.6	1 713	4.9	882	2.5	273	0.8	35 167	100.0
925 Vierämä	459	0.7	11 225	16.1	14 594	21.0	19 703	28.3	10 683	15.4	7 192	10.3	3 028	4.4	1 762	2.5	933	1.3	69 580	100.0
Total	11 999	0.9	256 011	19.1	329 011	24.6	327 357	24.5	161 829	12.1	126 398	9.4	73 061	5.5	36 498	2.7	16 308	1.2	1 338 470	100.0
Pohjois-Karjala																				
146 Ilomantsi	1 868	0.9	32 136	14.7	36 261	16.6	66 883	30.6	41 144	18.8	22 883	10.5	8 784	4.0	4 446	2.0	4 128	1.9	218 533	100.0
167 Joensuu	1 649	0.8	42 611	21.0	46 251	22.8	51 202	25.2	25 551	12.6	17 537	8.6	12 083	6.0	4 399	2.2	1 692	0.8	202 972	100.0
176 Juuka	1 299	1.0	18 030	13.8	25 835	19.8	36 518	28.0	20 367	15.6	14 348	11.0	7 667	5.9	3 583	2.8	2 690	2.1	130 339	100.0
260 Kitee	533	0.5	19 300	19.5	24 072	24.3	27 445	27.7	11 123	11.2	8 973	9.1	5 735	5.8	1 403	1.4	411	0.4	98 995	100.0
276 Kontiolahti	801	1.2	12 983	19.0	16 150	23.6	16 575	24.2	9 025	13.2	6 318	9.2	4 310	6.3	1 650	2.4	601	0.9	68 414	100.0
309 Outokumpu	449	1.3	6 144	17.2	8 016	22.5	9 453	26.5	4 753	13.3	3 535	9.9	2 026	5.7	1 044	2.9	249	0.7	35 667	100.0
422 Lieksa	2 547	0.9	42 605	14.5	56 649	19.3	79 695	27.2	49 387	16.8	30 500	10.4	13 193	4.5	7 816	2.7	11 146	3.8	293 537	100.0
426 Liperi	618	1.2	11 255	21.3	13 043	24.7	13 809	26.2	6 097	11.6	3 770	7.2	2 606	4.9	1 235	2.3	294	0.6	52 728	100.0
541 Nurmee	1 139	0.8	18 884	13.8	28 478	20.7	38 561	28.1	22 155	16.1	13 235	9.6	5 786	4.2	3 854	2.8	5 215	3.8	137 306	100.0
607 Polvijärvi	503	0.8	10 312	16.7	14 117	22.9	16 066	26.1	8 972	14.6	6 270	10.2	3 306	5.4	1 367	2.2	729	1.2	61 641	100.0
707 Rääkkylä	192	0.6	7 338	22.3	7 685	23.4	8 637	26.3	3 817	11.6	2 680	8.2	1 789	5.4	564	1.7	173	0.5	32 876	100.0
848 Tohmajärvi	369	0.6	12 442	19.1	14 893	22.9	18 121	27.8	8 220	12.6	5 574	8.6	3 975	6.1	1 294	2.0	289	0.4	65 177	100.0
911 Valtimo	414	0.6	9 335	13.8	14 455	21.4	19 803	29.4	11 082	16.4	6 178	9.2	2 691	4.0	1 588	2.4	1 898	2.8	67 444	100.0
Total	12 381	0.8	243 375	16.6	305 904	20.9	402 768	27.5	221 693	15.1	141 800	9.7	73 949	5.1	34 244	2.3	29 514	2.0	1 465 629	100.0
Kainuu																				
105 Hyvinsalmi	1 221	1.1	16 535	14.3	22 163	19.2	28 652	24.8	21 087	18.3	9 972	8.6	4 100	3.6	3 851	3.3	7 838	6.8	115 420	100.0
205 Kajaani	1 198	0.8	19 260	13.3	23 626	16.4	39 638	27.4	29 873	20.7	16 862	11.7	6 795	4.7	3 858	2.7	3 386	2.3	144 497	100.0
290 Kuhmo	3 551	0.9	48 320	12.2	70 024	17.7	100 168	25.3	76 399	19.3	38 490	9.7	12 582	3.2	12 764	3.2	34 168	8.6	396 465	100.0
578 Paltamo	888	1.2	12 990	16.9	15 599	20.3	19 676	25.6	13 825	18.0	6 667	8.7	3 011	3.9	2 039	2.7	2 196	2.9	76 892	100.0
620 Puolanka	2 354	1.2	31 844	16.5	31 854	16.5	46 745	24.3	36 606	19.0	18 063	9.4	8 223	4.3	6 759	3.5	10 161	5.3	192 610	100.0
697 Ristijärvi	680	1.0	11 436	16.1	15 012	21.2	18 959	26.7	11 872	16.7	5 581	7.9	2 410	3.4	1 879	2.7	3 143	4.4	70 972	100.0
765 Sotkamo	1 698	0.8	28 851	12.9	42 721	19.2	63 520	28.5	40 436	18.1	21 689	9.7	8 187	3.7	6 457	2.9	9 404	4.2	222 962	100.0
777 Suomussalmi	4 687	1.2	61 809	15.3	80 120	19.8	85 687	21.1	68 904	17.0	36 572	9.0	16 316	4.0	14 975	3.7	36 345	9.0	405 417	100.0
785 Vaala	1 057	1.2	12 010	14.0	10 952	12.7	20 106	23.4	21 027	24.5	12 057	14.0	4 807	5.6	2 332	2.7	1 637	1.9	85 985	100.0
Total	17 335	1.0	243 056	14.2	312 070	18.2	423 151	24.7	320 029	18.7	165 953	9.7	66 432	3.9	54 914	3.2	108 279	6.3	1 711 219	100.0
Pohjois-Pohjanmaa																				
009 Alaveska	211	1.3	2 395	14.9	2 134	13.3	2 576	16.0	3 246	20.2	2 921	18.1	1 555	9.7	698	4.3	374	2.3	16 108	100.0
069 Haapajärvi	582	1.0	8 212	14.4	9 063	15.9	11 781	20.6	11 986	21.0	8 231	14.4	4 033	7.1	1 874	3.3	1 335	2.3	57 097	100.0
071 Haapavesi	946	1.3	12 247	16.1	8 570	11.3	14 095	18.6	19 428	25.6	11 995	15.8	5 136	6.8	1 910	2.5	1 674	2.2	76 002	100.0
072 Hailuoto	640	4.4	4 328	29.5	1 808	12.3	2 020	13.8	2 458	16.7	1 872	12.8	511	3.5	447	3.0	600	4.1	14 683	100.0
208 Kalsjoki	1 011	1.6	9 507	15.0	9 740	15.4	12 121	19.1	12 782	20.2	10 239	16.2	4 760	7.5	2 042	3.2	1 196	1.9	63 398	100.0
139 Ii	1 019	1.0	12 224	11.9	15 884	15.4	23 379	22.7	25 980	25.2	13 500	13.1	4 086	4.0	1 690	1.6	5 248	5.1	103 009	100.0
244 Kempele	80	1.4	975	17.3	926	16.5	1 230	21.9	1 114	19.8	799	14.2	201	4.5	171	3.0	79	1.4	5 625	100.0
305 Kuusamo	3 422	1.0	44 448	12.3	59 056	16.4	67 104	18.6	62 942	17.4	47 526	13.2	20 406	5.7	12 937	3.6	43 009	11.9	360 850	100.0
317 Kärsämäki	524	1.0	7 883	15.1	8 080	15.5	11 520	22.1	10 897	20.9	7 188	13.8	3 392	6.5	1 524	2.9	1 161	2.2	52 170	100.0
425 Liminka	681	1.8	5 375	14.4	5 338	14.3	7 621	20.5	8 691	23.4	5 455	14.7	2 277	6.1	1 077	2.9	708	1.9	37 222	100.0

Table 4a. Age class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total	
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%
436 Lumijoki	203	1.7	1 965	16.1	2 066	16.9	2 378	19.5	2 710	22.2	1 854	15.2	542	4.4	258	2.1	239	2.0	12 216	100.0
483 Merijärvi	285	1.6	3 027	17.4	2 015	11.6	2 582	14.9	3 626	20.9	3 211	18.5	1 588	9.2	651	3.8	375	2.2	17 361	100.0
494 Muhos	1 006	2.1	7 178	14.8	6 328	13.0	9 085	18.7	12 102	24.9	7 085	14.6	3 368	6.9	1 613	3.3	864	1.8	48 628	100.0
535 Nivala	392	1.3	5 276	17.6	4 674	15.6	5 160	17.2	5 977	19.9	4 488	15.0	2 324	7.8	1 042	3.5	655	2.2	29 986	100.0
563 Oulainen	814	1.8	8 111	18.3	5 218	11.8	7 128	16.1	10 031	22.7	7 064	16.0	3 491	7.9	1 255	2.8	1 116	2.5	44 229	100.0
564 Oulu	2 105	1.1	23 497	11.8	22 829	11.5	45 895	23.1	53 350	26.8	31 879	16.0	10 141	5.1	5 708	2.9	3 744	1.9	199 149	100.0
615 Pudasjärvi	2 662	0.7	42 684	11.7	49 153	13.4	87 478	23.9	87 764	24.0	49 007	13.4	18 876	5.2	11 477	3.1	16 888	4.6	365 989	100.0
625 Puhjoki	651	1.6	6 931	16.6	5 671	13.6	7 360	17.7	9 420	22.6	6 719	16.1	2 860	6.9	1 119	2.7	917	2.2	41 649	100.0
626 Pynäsalmi	1 055	1.0	15 880	14.9	18 440	17.3	27 315	25.6	20 504	19.2	13 430	12.6	5 889	5.3	2 574	2.4	1 805	1.7	106 690	100.0
630 Pynhätä	839	1.4	7 481	12.8	6 684	11.4	15 322	26.1	13 725	23.4	7 966	13.6	3 429	5.8	1 755	3.0	1 476	2.5	58 676	100.0
678 Raahе	1 234	1.7	11 061	15.3	8 153	11.3	12 573	17.4	17 469	24.2	11 983	16.6	5 773	8.0	2 320	3.2	1 730	2.4	72 297	100.0
691 Reisjärvi	307	0.9	4 649	13.9	5 425	16.2	6 800	20.3	6 671	19.9	4 831	14.4	2 582	7.7	1 339	4.0	953	2.8	33 556	100.0
746 Sievi	840	1.6	8 265	15.4	7 235	13.4	9 899	18.4	11 187	20.8	8 337	15.5	4 269	7.9	2 069	3.8	1 754	3.3	53 856	100.0
748 Sillakajoki	1 273	1.9	10 177	15.0	9 485	14.0	13 885	20.4	15 298	22.5	9 856	14.5	4 330	6.4	2 330	3.4	1 383	2.0	68 017	100.0
791 Sillalata	1 959	1.3	19 658	12.8	18 777	12.2	32 357	21.0	37 394	24.3	24 799	16.1	11 001	7.1	4 510	2.9	3 610	2.3	154 066	100.0
832 Taivalkoski	2 444	1.4	25 726	14.3	26 873	14.9	39 200	21.7	30 677	17.0	18 845	10.4	9 564	5.3	6 972	3.9	20 287	11.2	180 590	100.0
859 Tyrnävä	555	2.0	3 509	12.9	3 843	14.1	5 525	20.3	6 507	23.8	4 223	15.5	1 687	6.2	931	3.4	509	1.9	27 290	100.0
889 Utajärvi	902	0.9	12 878	12.4	11 450	11.0	22 815	21.9	28 551	27.4	16 258	15.6	6 383	6.1	3 103	3.0	1 814	1.7	104 154	100.0
977 Ylivieska	563	1.4	6 738	16.4	5 587	13.6	6 575	16.0	8 598	21.0	7 064	17.2	3 509	8.6	1 444	3.5	963	2.4	41 041	100.0
Total	29 206	1.2	332 284	13.6	340 505	13.9	512 780	21.0	541 086	22.1	348 623	14.3	147 816	6.0	76 839	3.1	116 466	4.8	2 445 604	100.0
Lapland																				
047 Enontekiö	534	0.6	7 179	7.4	3 869	4.0	2 008	2.1	9 718	10.0	29 703	30.6	7 971	8.2	1 962	2.0	34 269	35.3	97 212	100.0
148 Inari	1 268	0.2	39 535	5.6	18 426	2.6	39 359	5.5	115 901	16.3	119 405	16.8	38 510	5.4	18 998	2.7	321 072	45.1	712 475	100.0
240 Kemi	336	5.0	806	12.1	1 721	25.8	1 194	17.9	677	10.2	796	11.9	716	10.7	26	0.4	399	6.0	6 672	100.0
241 Kemijärvi	753	1.7	4 735	10.5	8 469	18.7	10 074	22.3	10 080	22.3	5 112	11.3	2 640	5.8	1 375	3.0	1 958	4.3	45 196	100.0
261 Kittilä	2 825	0.6	43 117	9.5	48 756	10.7	70 111	15.4	62 449	13.7	80 319	17.6	44 739	9.8	15 526	3.4	88 307	19.4	456 149	100.0
273 Kolari	822	0.5	15 488	9.2	27 770	16.6	29 603	17.7	33 440	20.0	27 730	16.6	10 452	6.2	4 470	2.7	17 751	10.6	167 527	100.0
320 Kemijärvi	1 626	0.6	26 878	10.6	37 413	14.7	47 214	18.5	60 232	23.6	39 218	15.4	16 939	6.7	6 901	2.7	18 373	7.2	254 795	100.0
498 Muonio	614	0.5	13 520	10.6	8 497	6.7	14 172	11.1	17 614	13.8	21 905	17.1	11 422	8.9	2 427	1.9	37 608	29.4	127 779	100.0
583 Pelkosenniemi	328	0.3	15 597	13.5	23 917	20.7	20 026	17.3	21 196	18.3	11 174	9.7	5 850	5.1	4 125	3.6	13 577	11.7	115 790	100.0
614 Posio	2 837	1.4	26 515	12.7	24 111	11.6	33 716	16.2	44 170	21.2	34 124	16.4	12 275	5.9	5 883	2.8	24 820	11.9	208 451	100.0
683 Ranua	496	0.2	18 923	9.3	28 888	14.2	43 190	21.2	57 941	28.4	29 034	14.2	8 882	4.4	4 001	2.0	12 493	6.1	203 848	100.0
698 Rovaniemi	2 882	0.5	65 022	11.9	69 063	12.6	98 696	18.1	128 839	23.6	93 803	17.2	25 937	4.7	17 364	3.2	45 250	8.3	546 857	100.0
732 Salla	1 899	0.5	45 088	12.0	48 849	13.0	60 142	15.9	56 144	14.9	52 553	13.9	21 973	5.8	12 746	3.4	77 951	20.7	377 345	100.0
742 Savukoski	4 248	1.0	66 553	15.0	49 867	11.2	49 546	11.2	68 220	15.4	58 513	13.2	28 718	6.5	12 965	2.9	104 866	23.7	443 496	100.0
751 Simo	383	0.4	9 035	10.2	11 437	12.9	21 681	24.5	24 342	27.5	11 497	13.0	2 631	3.0	3 268	3.7	4 399	5.0	88 673	100.0
758 Sodankylä	4 990	0.8	74 325	11.2	60 944	9.2	79 970	12.0	99 166	14.9	105 941	16.0	55 891	8.4	22 613	3.4	160 481	24.2	664 322	100.0
845 Tervola	839	0.8	13 343	12.4	12 220	11.3	25 923	24.0	28 686	26.6	15 466	14.3	4 170	3.9	2 713	2.5	4 549	4.2	107 909	100.0
851 Tornio	981	1.2	9 907	12.3	9 598	11.9	18 602	23.1	19 041	23.7	10 733	13.3	4 862	6.0	1 680	2.1	5 117	6.4	80 522	100.0
854 Pello	682	0.5	16 260	12.2	24 498	18.4	25 857	19.4	24 579	18.4	19 034	14.3	7 562	5.7	3 562	2.7	11 383	8.5	133 416	100.0
890 Utsjoki	0	0.0	2	0.0	63	0.5	1 097	8.9	6 842	55.6	468	3.8	0	0.0	327	2.7	3 517	28.6	12 315	100.0
976 Ylitornio	1 314	1.0	18 873	13.6	20 770	15.0	32 741	23.6	31 699	22.8	15 363	10.7	5 566	4.0	5 126	3.7	7 524	5.4	138 977	100.0
Total	30 658	0.6	530 701	10.6	539 146	10.8	724 921	14.5	920 976	18.5	781 891	15.7	317 707	6.4	148 058	3.0	995 666	20.0	4 989 724	100.0

Table 4b. The mean volume of growing stock in age classes on forest land by Forest Centre regions.

Forest Centre region Municipality	Open regeneration site	m ³ /ha								Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	
Åland										
035 Brändö	0.5	29.2	97.1	158.1	173.9	195.5	182.6	198.9	131.6	116.0
043 Eckerö	2.1	34.6	125.2	171.4	209.1	198.9	194.1	205.4	160.7	146.9
060 Finström	1.6	28.4	121.4	169.9	209.8	205.1	210.0	203.1	148.1	141.8
062 Föglö	8.5	37.8	108.0	157.3	193.1	196.6	199.9	201.8	156.3	148.4
065 Geta	1.2	30.3	106.7	154.8	193.0	192.6	183.0	180.7	135.7	135.3
076 Hammarland	1.3	31.7	123.7	171.1	207.7	199.6	196.4	199.1	146.6	143.8
170 Jomala	1.8	29.2	127.7	179.8	215.9	210.0	214.0	208.5	152.8	146.8
295 Kumlinge	1.0	30.6	100.0	150.1	175.1	188.4	173.3	190.9	140.3	126.8
318 Kökar	0.2	18.8	93.8	157.8	186.0	198.9	201.5	192.8	151.2	91.5
417 Lemland	2.1	36.8	126.3	179.4	214.3	202.1	215.7	211.2	144.2	150.1
438 Lumparland	0.0	40.9	115.6	164.6	203.8	196.3	209.2	198.0	149.3	153.5
478 Mariehamn-Maarianhamina	1.3	29.7	112.3	166.0	190.9	185.9	177.0	186.0	139.8	130.4
736 Saltvik	1.0	30.0	114.8	160.6	202.8	194.7	194.6	188.6	146.2	143.2
766 Sottunga	0.7	24.2	98.9	152.8	182.2	197.7	194.3	195.0	146.6	118.4
771 Sund	14.5	35.6	120.0	167.1	207.1	198.1	200.9	193.0	147.5	150.3
941 Vårdö	5.5	39.1	112.2	163.5	199.7	192.4	203.7	190.1	150.1	153.3
Total	1.9	31.6	117.1	166.5	201.5	198.3	198.8	198.1	148.1	142.1
Rannikko/Etelärannikko										
049 Espoo-Esbo	3.1	41.7	146.4	202.2	241.1	256.2	242.7	217.6	198.9	181.5
078 Hanko-Hangö	3.1	35.8	133.8	192.7	212.6	229.7	217.8	255.5	153.1	183.3
091 Helsinki-Helsingfors	1.0	35.2	142.8	206.8	254.8	267.3	254.7	241.3	210.1	171.3
092 Vantaa-Vanda	5.6	36.4	143.6	215.1	261.3	272.3	246.7	239.6	203.4	165.4
149 Ingå-Inkoo	11.4	37.9	146.4	210.2	238.0	255.7	249.2	214.5	193.9	175.7
235 Kauniainen-Grankulla	1.4	44.8	148.0	195.1	238.4	246.0	223.7	217.7	186.3	185.8
257 Kirkkonummi-Kyrkslätt	5.1	39.8	143.4	200.4	232.0	252.3	235.7	203.7	194.7	169.4
322 Kemiönsaari	1.3	28.0	115.9	187.8	209.9	224.1	199.9	218.2	133.5	157.0
407 Lapinjärvi-Lappträsk	9.1	32.8	134.6	207.4	240.3	241.7	280.9	232.0	179.5	168.6
434 Loviisa-Lovisa	10.5	29.4	130.2	201.4	239.3	212.4	267.0	211.9	204.8	157.0
445 Länsi-Turunmaa	2.1	32.8	109.8	187.8	207.9	231.7	210.8	188.3	154.7	162.3
638 Porvoo-Borgå	4.5	29.5	127.2	200.1	239.8	216.9	233.9	201.0	195.8	156.3
710 Raasepori	13.4	35.8	142.8	209.6	231.6	246.2	223.9	233.1	175.6	177.5
753 Sipoo-Sibbo	3.5	38.6	134.5	207.8	247.7	271.4	249.1	236.7	208.4	179.2
755 Siuntio-Sjundeå	8.6	37.2	140.7	206.7	235.2	266.8	221.6	199.5	192.1	156.2
Total	7.3	33.4	133.2	202.0	230.8	238.3	228.6	213.2	181.3	166.8
Rannikko/Pohjanmaan rannikko										
231 Kaskinen-Kaskö	1.1	21.5	119.9	145.9	169.1	199.9	232.5	183.9	133.0	122.2
272 Kokkola-Karleby Rannikko	0.3	24.3	103.9	161.7	171.9	210.2	212.3	241.6	194.0	129.8
280 Korsnäs	3.9	22.0	117.2	151.7	179.0	198.2	209.8	231.9	189.9	130.6
287 Kristinestad-	3.4	22.6	119.0	151.3	189.8	214.1	218.5	225.9	188.5	138.2
288 Kronoby-Kruunupyy	0.6	20.9	98.6	131.2	159.7	179.6	176.8	179.7	178.1	120.5
440 Larsmo-Luoto	2.9	22.6	109.3	152.1	175.7	205.5	192.7	197.6	174.8	125.9
475 Malax-Maalampi	3.9	21.9	114.3	143.2	177.5	199.5	200.9	216.1	180.0	127.1
499 Korsholm-Mustasaari	2.8	21.5	121.4	154.9	192.3	209.0	225.6	228.6	193.6	138.4
545 Närpes-Närpiö	3.5	21.3	121.1	146.4	175.3	192.8	200.4	212.7	184.2	130.8
598 Jakobstad-Pietarsaari	4.7	22.8	106.4	149.9	170.7	196.6	188.8	192.3	167.1	120.0
599 Pedersöre-Pedersören kunta	0.8	22.2	104.1	141.2	161.9	176.2	184.8	200.6	182.5	125.7
893 Nykarleby-Uusikaarlepyy	1.9	22.7	108.8	146.8	165.9	176.0	185.3	204.6	181.5	126.7
905 Vaasa-Vasa	4.4	23.9	119.9	151.5	192.4	212.9	225.8	229.1	193.9	137.9
946 Vörå-Vöyri	2.1	20.9	110.1	146.0	184.9	189.9	205.2	207.5	177.2	122.9
Total	2.4	21.9	112.6	146.9	175.4	193.0	202.5	212.5	184.6	129.3
Lounais-Suomi										
019 Aura	0.0	28.2	120.9	180.0	231.5	250.0	251.3	249.6	214.8	156.0
050 Eura	0.0	28.1	112.0	167.4	210.1	225.4	227.8	204.3	178.7	150.0
051 Eurajoki	1.3	23.4	109.9	167.1	207.6	243.6	248.2	205.2	207.2	153.2
079 Harjavalta	1.3	25.2	118.0	162.6	198.0	222.3	233.7	196.6	169.8	149.7
099 Honkajoki	1.5	25.7	91.8	127.4	167.5	168.9	174.2	180.3	137.6	125.3
102 Huittinen	0.3	29.0	132.3	181.5	212.1	251.4	250.4	244.7	160.7	152.4
181 Jämijärvi	0.9	18.9	100.4	150.4	170.2	204.7	184.5	206.4	169.2	126.0
202 Kaarina	4.3	28.2	117.7	194.9	224.3	233.8	218.9	222.6	181.4	155.1
214 Kankaanpää	0.2	21.1	107.0	140.1	162.9	189.3	179.2	205.5	178.9	128.2
230 Karvia	1.1	16.9	77.2	114.6	147.4	149.5	160.2	179.9	146.0	113.5
271 Kokemäki	0.7	26.9	121.3	169.7	205.9	238.4	237.5	211.5	148.9	146.1
284 Koski T.I.	0.1	29.8	137.5	192.2	247.6	299.0	238.7	281.5	225.0	168.1
304 Kustavi	5.1	31.9	105.8	156.8	188.6	193.6	201.1	187.0	153.1	148.4
319 Köyliö	0.3	29.4	116.0	168.3	193.9	228.4	223.4	206.7	171.0	154.0
400 Laitila	0.0	30.9	104.4	162.5	208.0	224.4	217.1	204.9	143.2	150.7
413 Luvia	0.0	27.1	121.5	167.5	209.1	246.4	264.8	226.8	209.1	152.5
423 Lieto	0.4	29.6	109.9	179.1	233.3	267.2	232.0	233.3	229.1	164.6
430 Loimaa	0.5	30.9	139.5	185.2	223.6	279.7	257.3	260.3	154.3	162.6
442 Luvia	0.2	23.7	115.6	169.7	207.3	242.4	255.4	196.8	183.0	155.1
480 Marttila	0.8	28.2	128.7	179.2	221.1	262.4	238.6	265.8	241.2	162.7
481 Masku	0.0	30.7	113.5	181.8	218.0	231.1	218.6	229.9	163.3	153.6
484 Merikarvia	2.9	27.6	125.3	175.8	215.2	246.8	230.8	217.6	178.0	155.3
503 Mynämäki	0.0	33.3	112.8	164.7	214.7	239.7	231.0	219.0	185.2	162.0
529 Naantali	1.0	35.0	103.8	179.1	203.2	211.9	201.0	191.6	143.4	155.5
531 Nakkila	0.0	22.1	113.1	168.6	203.5	238.0	255.3	209.4	204.3	149.8
538 Nousiainen	0.0	32.1	114.7	165.1	221.9	244.9	237.4	224.8	206.1	163.5
561 Oripää	1.6	26.2	120.8	164.6	199.8	235.6	218.1	218.6	177.1	150.0
577 Paimio	5.0	26.4	120.8	186.2	219.5	225.6	203.3	210.2	181.1	157.0
608 Pomarkku	0.2	25.4	117.0	162.4	203.9	242.8	260.9	211.4	188.0	158.8
609 Pori	1.5	25.6	118.1	169.1	210.5	242.3	249.7	206.1	177.3	154.3

Table 4b. The mean volume of growing stock in age classes on forest land by Forest Centre regions.

Forest Centre region Municipality	Open regeneration site	Age classes (m ³ /ha)					81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs					
631 Pyhäranta	0.1	29.6	109.2	169.3	216.1	244.0	232.6	226.0	179.0	157.6	
636 Pöytyä	0.7	29.6	115.8	162.8	200.6	228.7	218.8	232.2	183.1	157.5	
680 Raisio	0.2	25.7	116.2	188.7	219.5	230.2	208.6	222.0	191.2	152.3	
684 Rauma	0.3	26.1	108.1	158.5	202.5	223.8	222.1	193.8	182.5	150.1	
704 Rusko	0.0	33.4	117.5	171.9	231.5	244.7	243.2	233.6	214.0	172.4	
734 Salo	9.0	28.8	134.9	194.4	227.2	240.7	213.1	214.2	186.4	165.7	
738 Sauvo	4.5	28.5	118.6	187.7	217.5	219.6	205.7	219.7	177.1	153.0	
747 Siikainen	1.4	29.1	108.0	150.7	189.6	209.9	208.3	196.5	164.7	142.7	
761 Somero	5.4	33.3	146.3	203.3	247.3	287.9	238.9	257.9	194.3	174.1	
783 Säkylä	0.1	28.5	114.5	169.2	189.9	224.3	230.7	209.2	170.7	147.0	
833 Taivassalo	1.1	32.1	105.2	162.3	194.3	196.1	208.2	209.9	151.8	145.5	
838 Tarvasjoki	0.2	28.0	126.2	193.6	232.8	262.5	251.7	238.7	232.4	164.5	
853 Turku-Abo	0.1	28.7	113.7	184.1	228.6	253.9	226.8	235.8	175.3	160.1	
886 Ulvila	0.2	25.3	113.7	161.7	208.0	238.2	256.8	207.5	204.6	156.5	
895 Uusikaupunki	1.3	32.1	105.4	163.2	200.6	213.1	212.3	203.7	137.9	149.6	
918 Vehmaa	0.1	31.9	105.1	171.5	194.2	214.5	216.1	237.7	111.5	140.4	
Total	1.5	27.8	118.2	168.7	206.6	230.1	221.3	214.3	173.0	152.5	
Häme-Uusimaa											
016 Asikkala	0.0	33.2	133.7	212.1	265.8	287.1	281.6	283.2	236.7	171.9	
018 Askola	2.9	30.4	127.4	200.0	236.9	252.9	235.4	237.9	201.7	150.8	
061 Forssa	1.9	29.9	134.3	193.8	244.1	286.1	254.1	280.0	195.3	172.1	
081 Hartola	3.3	29.3	133.0	210.9	255.2	269.2	271.0	254.1	200.2	167.8	
082 Hattula	3.9	32.9	148.1	207.2	247.4	270.2	229.7	217.3	205.6	167.5	
086 Hausjärvi	4.7	33.6	128.2	198.3	237.1	261.4	240.2	248.0	199.9	157.3	
098 Hollola	3.2	31.3	129.6	204.8	261.5	280.6	259.9	271.9	239.3	163.9	
103 Humppila	0.3	28.7	141.6	193.8	239.1	278.8	271.3	268.7	144.4	159.5	
106 Hyvinkää	3.9	35.9	132.5	196.3	233.9	265.6	235.0	223.6	194.3	162.4	
109 Hämeenlinna	3.7	31.2	139.7	203.1	250.5	280.6	248.4	248.4	216.4	172.9	
111 Heinola	0.1	30.0	132.5	203.1	252.2	269.9	281.6	261.6	213.8	170.5	
165 Janakkala	4.3	34.6	137.8	199.7	245.0	280.0	239.5	249.3	206.2	166.9	
169 Jokioinen	1.1	31.2	146.3	199.4	253.2	313.6	277.6	308.6	156.8	170.7	
186 Järvenpää	3.3	32.9	136.0	213.6	265.2	277.4	244.0	266.3	223.7	151.6	
224 Karkkila	7.2	37.0	141.0	204.8	242.9	288.5	251.9	224.4	203.9	169.4	
245 Kerava	4.8	33.4	141.6	214.2	259.6	263.7	242.5	236.4	202.2	162.0	
283 Hämeenkoski	5.7	29.3	128.1	206.6	258.3	283.7	250.2	275.2	219.0	160.3	
316 Kärkölä	6.3	30.8	126.0	200.5	245.0	266.9	234.1	261.1	217.0	148.5	
398 Lahti	4.2	32.5	129.2	212.4	261.0	281.9	281.3	267.8	229.4	162.0	
433 Loppi	5.8	35.8	139.3	200.9	239.1	282.2	242.9	231.2	182.8	165.5	
444 Lohja	9.7	37.0	146.8	208.6	244.6	274.8	234.6	234.8	194.1	160.5	
504 Myrskylä-Mörskom	6.4	31.0	127.0	198.6	240.0	231.0	258.6	247.1	171.2	149.7	
505 Mäntsälä	4.0	31.9	126.3	202.6	238.7	268.0	238.1	256.9	209.2	156.6	
532 Nastola	8.2	32.6	131.2	213.4	236.6	247.9	292.8	260.2	201.7	155.9	
543 Nurmijärvi	5.6	35.8	132.8	202.0	241.8	263.9	239.6	219.8	196.6	145.3	
560 Orimattila	4.2	29.7	126.4	202.0	241.4	247.0	257.0	252.7	204.7	145.5	
576 Padasjoki	0.0	32.9	136.9	204.9	255.8	281.4	255.0	267.6	240.0	181.9	
611 Pornainen	1.8	38.3	131.7	200.9	237.0	259.4	234.2	222.0	210.0	163.2	
616 Pukkila	4.5	32.6	126.7	199.7	233.5	250.8	227.9	258.6	218.6	144.0	
694 Riihimäki	5.1	34.3	134.5	202.1	242.6	285.2	242.9	236.8	209.4	158.9	
781 Sysmä	0.8	28.5	131.5	210.0	259.2	275.3	277.4	265.5	218.1	167.7	
834 Tammela	3.1	33.7	144.3	202.1	239.1	270.5	237.9	223.8	180.8	175.2	
858 Tuusula	4.7	36.1	133.3	206.0	250.0	270.0	241.2	244.6	214.4	149.5	
927 Vihti	6.8	38.5	140.5	203.6	241.7	273.5	242.9	225.5	205.7	168.0	
981 Ypäjä	0.7	30.5	138.7	193.8	259.4	311.1	261.3	298.9	166.6	176.9	
Total	3.8	32.6	135.7	204.2	248.1	274.5	253.4	250.3	206.8	165.4	
Kaakkois-Suomi											
075 Hamina	9.1	22.9	119.4	168.3	213.8	241.6	270.4	245.9	234.3	143.7	
142 Iitti	6.9	30.6	133.5	206.4	238.2	259.5	285.0	248.6	204.2	171.3	
153 Imatra	12.4	25.4	128.5	190.0	244.8	266.9	277.0	271.4	272.6	158.0	
285 Kotka	13.7	23.6	122.8	171.4	209.2	251.5	274.4	255.7	237.4	140.0	
286 Kouvolta	4.4	29.3	131.1	193.2	238.1	250.0	276.1	238.9	209.9	166.3	
405 Lappeenranta	15.9	23.4	122.0	174.8	218.8	246.8	258.8	239.5	230.9	148.0	
416 Lemi	7.6	25.0	120.6	178.4	230.7	256.2	259.8	238.7	244.6	145.9	
441 Luumäki	57.3	25.3	121.5	168.4	211.2	230.3	262.0	238.9	207.3	149.5	
489 Miehikkälä	7.9	23.3	118.3	166.1	213.6	236.6	260.4	239.7	236.2	148.0	
580 Parikkala	8.3	27.1	134.8	198.5	238.4	256.4	265.5	215.6	230.9	154.2	
624 Pyhtää-Pyttis	8.8	29.8	130.2	193.1	223.5	235.5	264.0	224.1	234.0	154.5	
689 Rautjärvi	5.9	20.1	125.5	181.9	226.5	254.9	260.5	259.1	252.1	132.7	
700 Ruokolahti	5.6	23.8	123.0	177.6	218.4	248.8	252.9	233.4	228.8	153.0	
739 Savitaipale	8.9	24.0	120.0	172.3	218.6	242.0	251.9	214.1	196.2	145.8	
831 Taipalsaari	4.8	24.3	118.0	172.3	215.2	241.7	247.4	194.3	187.0	143.3	
935 Virolahti	6.8	22.1	120.5	166.5	209.9	244.6	265.8	231.1	223.8	145.2	
Total	7.4	25.3	125.5	181.8	224.8	246.6	264.4	236.0	218.7	153.2	
Pirkanmaa											
020 Akaa	0.0	28.3	133.4	193.4	237.2	275.2	262.6	262.0	204.6	166.9	
108 Hämeenkyrö	0.2	26.5	122.1	184.7	229.3	245.8	245.7	241.0	194.7	152.0	
143 Ikaalinen	1.5	23.4	108.9	162.8	191.7	219.0	212.1	245.3	177.1	139.9	
177 Juupajoki	0.4	24.7	109.4	178.1	216.7	249.0	267.5	272.5	226.4	151.1	
211 Kangasala	0.4	32.2	127.3	197.1	248.8	276.2	245.2	248.5	180.0	175.6	
250 Kihniö	1.0	16.3	91.1	131.3	159.9	158.3	171.4	178.5	184.6	123.1	
418 Lempäälä	0.3	30.6	131.2	198.5	250.2	283.4	259.5	264.6	166.1	171.1	
508 Mänttä-Vilppula	1.9	24.6	121.7	176.4	219.5	252.3	258.9	250.6	210.5	152.8	
536 Nokia	0.4	32.5	128.8	195.1	242.1	270.1	258.6	232.1	154.7	162.9	

Table 4b. The mean volume of growing stock in age classes on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	Forest land total
Municipality		m ³ /ha								
Lapland										
047 Enontekiö	13.9	18.2	26.8	42.5	46.7	52.1	63.1	41.6	84.0	59.6
148 Inari	4.9	18.2	26.8	41.7	56.1	64.9	69.2	79.6	89.9	70.4
240 Kemi	0.0	20.6	65.4	102.6	125.2	122.8	125.1	109.1	142.2	87.5
241 Keminmaa	0.0	17.6	62.6	103.9	94.5	112.1	138.6	100.5	140.2	87.7
261 Kittilä	1.3	17.7	49.9	66.4	68.7	75.6	80.5	90.9	85.9	67.6
273 Kolari	2.2	17.0	54.9	69.1	76.5	80.5	104.6	105.5	90.6	70.4
320 Kemijärvi	1.2	10.0	65.4	72.3	74.7	82.9	107.0	126.8	122.8	73.9
498 Muonio	4.9	15.0	28.1	67.2	58.0	71.4	87.0	100.2	101.3	70.7
583 Pelkosenniemi	3.4	13.4	62.7	76.2	75.3	83.0	91.7	105.6	99.8	69.8
614 Posio	1.3	12.6	57.9	85.2	80.0	92.9	108.1	121.0	119.6	78.3
683 Ranua	6.2	16.7	64.0	85.4	83.3	99.8	118.6	136.7	107.1	81.0
698 Rovaniemi	9.3	15.6	49.0	78.8	84.9	96.0	110.4	104.9	109.6	76.4
732 Salla	2.9	15.1	54.7	78.4	69.7	83.0	78.8	99.1	95.8	71.1
742 Savukoski	4.5	14.6	43.8	64.1	63.6	71.9	73.7	76.6	86.8	61.1
751 Simo	10.4	18.1	56.0	87.4	84.7	95.9	114.3	125.3	111.6	79.7
758 Sodankylä	4.2	14.7	42.9	60.7	61.5	69.1	76.7	83.8	82.6	62.4
845 Tervola	2.6	11.9	55.7	89.3	95.8	104.6	135.5	127.7	120.2	83.2
851 Tornio	0.0	17.3	56.8	95.3	100.3	110.9	162.9	128.1	111.9	89.0
854 Pello	3.3	14.0	54.2	90.7	85.9	89.3	103.8	109.8	108.5	75.9
890 Utsjoki	-	0.0	0.0	74.4	65.1	34.3	136.9	50.1	71.5	63.7
976 Ylitornio	0.6	14.5	47.2	86.1	77.1	97.1	119.0	114.6	108.8	72.6
Total	3.7	15.2	51.3	74.2	73.1	79.4	88.6	97.1	92.1	70.8

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site		Forest Centre region										Forest land total	
	ha	%	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	ha	%	ha	%
Åland	36	0.8	1 311	841	844	604	414	253	152	82	1.8	4 535	100.0	
035 Brändö	28	0.5	1 022	1 363	1 183	723	685	363	333	146	2.5	5 845	100.0	
060 Eckerö	25	0.4	1 383	1 435	1 378	868	722	410	296	129	1.9	6 647	100.0	
062 Föglö	14	0.2	1 013	1 464	1 441	1 059	1 068	617	509	265	3.6	7 450	100.0	
065 Geta	14	0.4	631	692	676	492	406	297	200	102	2.9	3 512	100.0	
076 Hammarland	34	0.5	1 359	1 670	1 471	935	807	440	397	165	2.3	7 279	100.0	
170 Jomala	26	0.4	1 515	1 685	1 517	933	790	419	345	136	1.8	7 366	100.0	
295 Kumlinge	22	0.5	895	737	742	540	517	316	264	147	3.5	4 180	100.0	
318 Kåkar	27	0.2	618	1 174	1 178	137	103	70	30	14	1.1	1 351	100.0	
417 Lemland	16	0.3	1 190	1 630	1 356	890	711	374	298	136	2.1	6 602	100.0	
438 Lumparland	0	0.0	263	426	417	292	274	160	133	65	3.2	2 029	100.0	
478 Mariehamn-Maarianhamina	1	0.4	74	73	66	42	38	22	19	11	3.1	346	100.0	
736 Saltvik	29	0.4	1 131	1 432	1 380	959	847	529	395	193	2.8	6 894	100.0	
766 Sottunga	7	0.8	281	157	164	114	103	68	45	27	2.8	966	100.0	
771 Sund	3	0.1	817	1 278	1 164	772	712	417	323	165	2.9	5 651	100.0	
941 Vårdö	11	0.2	522	906	914	664	654	426	317	174	3.8	4 589	100.0	
Total	295	0.4	14 025	15 962	14 892	10 024	8 850	5 182	4 055	1 958	2.6	75 242	100.0	
Rannikko/Etelärannikko														
049 Espoo-Esbo	266	2.0	2 172	2 676	3 167	2 224	1 373	788	504	386	2.9	13 555	100.0	
078 Hanko-Hangö	19	0.3	534	888	1 518	1 252	909	556	220	97	1.6	5 993	100.0	
091 Helsingin-Helsingfors	231	3.5	1 244	1 314	1 421	1 018	613	375	223	191	2.9	6 631	100.0	
092 Vantaa-Vanda	341	3.9	2 111	2 027	1 683	1 294	694	319	154	130	1.5	8 752	100.0	
149 Ingå-Inkoo	421	2.2	3 300	3 623	4 384	2 795	1 967	1 281	793	684	3.6	19 249	100.0	
235 Kauniainen-Grankulla	2	0.9	19	29	37	30	20	13	8	6	3.6	163	100.0	
257 Kirkkonummi-Kyrkslätt	469	2.5	3 435	3 758	4 294	2 755	1 783	1 202	678	580	3.1	18 954	100.0	
322 Kemijärvi-Kemijoki	312	0.9	6 440	5 392	7 035	6 114	4 729	3 351	1 639	675	1.9	35 687	100.0	
407 Lapinjärvi-Lapträsk	199	1.1	3 450	4 170	5 491	2 909	1 426	783	380	201	1.1	19 009	100.0	
434 Loviisa-Lovisa	538	1.0	10 949	11 421	14 162	6 815	4 168	2 193	1 446	897	1.7	52 590	100.0	
445 Länsi-Turunmaa	117	0.3	7 173	6 118	7 595	7 286	6 344	4 997	3 082	1 474	3.3	44 187	100.0	
638 Porvoo-Borgå	444	1.2	7 798	7 808	9 928	4 874	3 377	1 695	1 225	938	2.5	38 086	100.0	
710 Raasepori	728	1.1	10 527	12 723	16 406	11 510	7 825	4 573	2 553	1 657	2.4	68 502	100.0	
753 Sipoo-Sibbo	274	1.6	2 980	3 809	4 273	2 833	1 659	919	513	463	2.6	17 722	100.0	
755 Stuntio-Sjundeå	345	2.7	3 106	2 788	2 472	1 750	1 033	669	310	256	2.0	12 730	100.0	
Total	4 705	1.3	65 239	68 545	83 869	55 459	37 920	23 714	13 727	8 634	2.4	361 810	100.0	
Rannikko/Pohjanmaan rannikko														
231 Kaskinen-Kaskö	7	1.2	142	184	122	53	49	47	18	9	1.5	630	100.0	
272 Kokkola-Karleby Rannikko	219	1.0	4 239	5 115	4 799	2 288	2 382	1 124	420	538	2.6	21 126	100.0	
280 Korsnäs	253	1.5	3 419	3 796	3 362	1 682	1 644	934	571	536	3.2	16 607	100.0	
287 Kristinestad-	611	1.2	9 752	10 469	9 842	6 099	5 134	4 349	1 837	1 497	3.0	49 592	100.0	
288 Kronoby-Krunupyy	587	1.2	8 634	10 222	9 577	7 803	6 712	3 573	1 543	1 119	2.3	49 772	100.0	
440 Larsmo-Luoto	118	1.2	1 868	2 436	1 934	1 055	1 048	582	305	292	3.0	9 638	100.0	
475 Malax-Maalathi	489	1.4	6 744	7 842	6 961	4 055	3 531	2 442	1 228	1 013	2.9	34 404	100.0	
499 Korsholm-Mustasaari	754	1.4	9 722	12 486	11 065	5 864	5 406	4 349	1 918	1 772	3.3	53 337	100.0	

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region		Open regeneration										Forest land total								
Municipality	site	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	ha	%	ha	%							
	ha	ha	ha	ha	ha	ha	ha	ha	ha	ha	%	ha	%							
545 Närpes-Närpiö	734	1.1	13 025	20.2	14 416	22.4	11 942	18.6	6 817	10.6	6 392	9.9	5 843	9.1	3 045	4.7	2 133	3.3	64 347	100.0
598 Jakobstad-Pietarsaari	61	1.1	1 149	21.3	1 377	25.5	1 117	20.7	567	10.5	547	10.1	276	5.1	137	2.6	162	3.0	5 393	100.0
599 Pedersöre-Pedersören kunta	682	1.2	9 085	16.5	11 392	20.7	11 611	21.1	8 099	14.7	7 087	12.9	3 756	6.8	1 649	3.0	1 606	2.9	54 969	100.0
893 Nyrkarleby-Uusikaarlepyy	721	1.5	8 528	17.4	10 497	21.4	10 086	20.6	6 675	13.6	6 055	12.4	3 416	7.0	1 632	3.3	1 375	2.8	48 985	100.0
905 Vaasa-Vasa	193	1.0	3 815	20.1	4 297	22.6	3 965	20.9	2 188	11.5	1 894	10.0	1 403	7.4	674	3.6	547	2.9	18 975	100.0
946 Võra-Võyri	836	1.6	12 015	23.5	11 039	21.6	9 767	19.1	5 887	11.5	5 258	10.3	3 392	6.6	1 629	3.2	1 396	2.7	51 219	100.0
Total	6 266	1.3	92 138	19.2	105 569	22.0	96 150	20.1	59 132	12.4	53 140	11.1	35 997	7.5	16 607	3.5	13 995	2.9	478 995	100.0
Lounais-Suomi																				
019 Aura	81	2.1	909	23.4	599	15.4	769	19.8	687	17.7	416	10.7	265	6.8	127	3.3	31	0.8	3 885	100.0
050 Eura	343	1.0	6 211	18.1	6 452	18.8	7 724	22.5	5 567	16.2	4 136	12.0	2 354	6.8	1 279	3.7	338	1.0	34 405	100.0
051 Eurajoki	83	0.4	3 776	18.2	3 770	18.1	4 777	23.0	3 827	18.4	2 586	12.5	1 308	6.3	496	2.4	156	0.8	20 780	100.0
079 Harjavalta	56	0.8	1 128	15.8	1 362	19.1	1 757	24.6	1 297	18.2	814	11.4	444	6.2	212	3.0	78	1.1	7 148	100.0
099 Honkajoki	64	0.3	3 001	15.9	2 470	13.1	4 296	22.8	3 001	15.9	2 959	15.7	1 569	8.3	931	4.9	573	3.0	18 864	100.0
102 Huittinen	475	1.8	5 631	21.8	5 476	21.2	5 257	20.3	3 905	15.1	2 601	10.1	1 404	5.4	890	3.4	224	0.9	25 861	100.0
181 Jämijärvi	239	1.8	2 660	20.3	2 302	17.6	2 696	20.6	2 268	17.3	1 496	11.4	874	6.7	379	2.9	176	1.4	13 091	100.0
202 Kaarina	43	0.7	1 391	22.0	1 116	17.7	1 321	20.9	1 108	17.5	689	10.9	434	6.9	164	2.6	50	0.8	6 316	100.0
214 Kankaanpää	1 594	3.4	7 532	16.2	6 779	14.5	9 578	20.5	8 779	18.8	5 777	12.4	3 552	7.6	1 591	3.4	1 457	3.1	46 639	100.0
230 Karvia	218	0.8	4 446	15.7	3 133	11.1	6 641	23.4	4 339	15.3	4 350	15.3	2 887	10.2	1 473	5.2	863	3.0	28 949	100.0
271 Kokemäki	640	2.2	5 949	20.7	5 485	19.1	5 756	20.0	4 816	16.8	3 037	10.6	1 722	6.0	1 082	3.8	232	0.8	28 719	100.0
284 Koski T.T.	219	2.7	1 864	23.3	1 446	18.1	1 474	18.5	1 145	14.3	1 054	13.2	393	4.9	358	4.5	39	0.5	7 992	100.0
304 Kustavi	26	0.3	1 124	13.0	1 409	16.3	1 686	19.5	1 325	15.3	1 306	15.1	864	10.0	622	7.2	292	3.4	8 653	100.0
319 Köyliö	247	1.7	2 038	14.1	2 607	18.1	3 209	22.3	2 667	18.5	1 757	12.2	974	6.8	782	5.4	129	0.9	14 410	100.0
400 Laitila	255	0.8	5 309	16.7	5 434	17.1	7 237	22.8	5 749	18.1	3 821	12.0	2 452	7.7	1 222	3.8	315	1.0	31 795	100.0
413 Lavia	530	2.2	4 527	19.0	4 611	19.4	4 692	19.7	4 420	18.6	2 407	10.1	1 407	5.9	703	3.0	503	2.1	23 800	100.0
423 Lieto	107	1.3	1 674	19.7	1 320	15.5	1 697	19.9	1 520	17.9	1 122	13.2	616	7.2	408	4.8	47	0.6	8 512	100.0
430 Loimaa	798	2.4	6 997	21.3	6 595	20.1	6 256	19.1	5 082	15.5	3 780	11.5	1 825	5.6	1 284	3.9	206	0.6	32 822	100.0
442 Luvia	19	0.2	1 861	15.9	2 511	21.5	2 874	24.6	2 118	18.1	1 302	11.1	673	5.8	244	2.1	97	0.8	11 698	100.0
480 Marttila	42	0.5	1 878	21.2	1 498	16.9	1 890	21.4	1 527	17.3	1 051	11.9	515	5.8	346	3.9	106	1.2	8 852	100.0
481 Masku	58	0.7	1 525	19.5	1 353	17.3	1 712	21.9	1 267	16.2	895	11.5	657	8.4	256	3.3	85	1.1	7 807	100.0
484 Merikarvia	203	0.6	6 112	18.1	7 547	22.4	7 214	21.4	5 539	16.4	3 994	11.8	1 710	5.1	812	2.4	611	1.8	33 741	100.0
503 Mynämäki	246	0.8	4 683	15.6	4 638	15.5	7 017	23.4	5 782	19.3	3 723	12.4	2 387	8.0	1 308	4.4	221	0.7	30 007	100.0
529 Naantali	52	0.3	2 542	16.0	2 240	14.1	2 727	17.2	2 594	16.3	2 155	13.6	1 850	11.7	1 171	7.4	547	3.5	15 878	100.0
531 Nakkila	18	0.2	1 753	18.4	1 941	20.4	2 298	24.1	1 683	17.7	1 064	11.2	543	5.7	145	1.5	76	0.8	9 522	100.0
538 Nousiainen	146	1.5	1 650	16.8	1 466	14.9	2 192	22.3	1 827	18.6	1 279	13.0	777	7.9	480	4.7	51	0.5	9 849	100.0
561 Oripää	129	2.6	920	18.7	790	16.0	980	19.9	815	16.5	650	13.2	349	7.1	253	5.1	41	0.8	4 928	100.0
577 Paimio	95	0.8	2 031	17.5	2 016	17.4	2 429	21.0	2 022	17.5	1 461	12.6	897	7.8	506	4.4	120	1.0	11 577	100.0
608 Pomarkku	337	1.5	3 750	16.6	3 645	16.1	4 379	19.3	4 635	20.5	3 019	13.3	1 777	7.8	575	2.5	544	2.4	22 660	100.0
609 Pori	216	0.4	8 857	16.9	11 047	21.1	11 698	22.3	9 355	17.9	6 131	11.7	3 091	5.9	1 351	2.6	654	1.3	52 399	100.0
631 Pynhäranta	40	0.4	1 779	18.2	1 645	16.8	2 154	22.0	1 882	19.2	1 174	12.0	735	7.5	318	3.3	63	0.7	9 791	100.0
636 Pöytyä	349	0.9	6 008	14.7	7 219	17.7	9 333	22.9	7 059	17.3	5 496	13.5	3 004	7.4	1 942	4.8	417	1.0	40 828	100.0
680 Raisio	16	0.9	395	21.4	302	16.4	358	19.4	574	18.6	218	11.8	170	9.2	65	3.5	22	1.2	1 844	100.0
684 Rauma	175	0.6	4 952	15.9	5 517	17.8	6 977	22.5	5 774	18.6	3 958	12.7	2 260	7.3	1 105	3.6	360	1.2	31 078	100.0
704 Rusko	53	0.9	896	14.9	958	15.9	1 323	22.0	1 157	19.3	805	13.4	490	8.2	296	4.9	34	0.6	6 011	100.0
734 Salo	1 023	1.0	18 717	17.6	19 920	18.8	23 190	21.8	17 780	16.8	12 760	12.0	7 119	6.7	4 078	3.8	1 582	1.5	106 168	100.0

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site										Forest land total							
	Municipality		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	ha	%						
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%						
738 Sauvo	95	0.8	2 364	18.7	2 723	21.8	2 191	17.6	1 408	11.3	900	7.2	380	3.0	94	0.8	12 489	100.0
747 Siikainen	137	0.4	5 397	16.3	7 080	21.4	5 668	17.1	4 444	13.4	2 288	6.9	1 330	4.0	726	2.2	33 154	100.0
761 Somero	415	1.3	6 821	20.7	6 945	21.1	5 230	15.9	3 784	11.5	1 636	5.0	952	2.9	388	1.2	32 984	100.0
783 Säkylä	315	3.4	1 614	17.3	1 575	16.9	1 898	20.3	1 057	11.3	687	7.4	540	5.8	65	0.7	9 347	100.0
833 Taivassalo	29	0.4	1 165	17.4	1 092	16.3	1 251	18.7	843	12.6	676	10.1	377	5.6	180	2.7	6 702	100.0
838 Tarvasjoki	39	0.9	942	21.9	722	16.8	890	20.7	463	10.8	282	6.6	137	3.2	39	0.9	4 296	100.0
853 Turku-Abo	104	1.1	1 902	20.8	1 391	15.3	1 802	19.8	1 106	12.1	758	8.3	420	4.6	88	1.0	9 126	100.0
886 Ulvila	189	0.7	4 282	15.6	5 055	18.5	6 526	23.8	3 281	12.0	1 827	6.7	661	2.4	267	1.0	27 381	100.0
895 Uusikaupunki	71	0.2	4 769	16.1	5 321	17.9	6 361	21.4	3 871	13.0	2 381	8.0	1 284	4.3	467	1.6	29 686	100.0
918 Vehmaa	59	0.6	2 208	21.7	1 922	18.9	2 170	21.3	1 048	10.3	727	7.1	273	2.7	92	0.9	10 188	100.0
Total	10 690	1.1	167 940	17.6	170 929	18.0	205 212	21.6	116 548	12.2	66 508	7.0	35 588	3.7	13 746	1.4	952 028	100.0
Häme-Uusimaa																		
016 Asikkala	528	1.3	8 476	20.9	10 175	25.0	8 619	21.2	3 527	8.7	1 375	3.4	622	1.5	423	1.0	40 633	100.0
018 Askola	282	2.5	2 677	23.3	2 595	22.6	2 583	22.5	1 558	13.6	443	3.9	244	2.1	171	1.5	11 500	100.0
061 Forssa	182	1.3	2 858	20.9	2 531	18.5	2 778	20.3	1 641	12.0	826	6.0	336	2.5	81	0.6	13 665	100.0
081 Harola	643	1.5	8 817	19.9	11 048	25.0	9 841	22.3	4 361	9.9	1 980	4.5	842	1.9	368	0.8	44 223	100.0
082 Hautala	300	1.3	4 590	20.1	5 878	25.7	4 792	21.0	1 787	7.8	782	3.4	383	1.7	351	1.5	22 872	100.0
086 Hausjärvi	398	1.9	4 587	22.2	4 549	22.0	4 431	21.5	1 802	8.7	846	4.1	431	2.1	319	1.6	20 639	100.0
098 Hollola	423	1.5	6 540	22.8	6 734	23.5	6 049	21.1	4 930	17.2	3 660	3.4	368	1.3	257	0.9	28 648	100.0
103 Humppila	289	4.0	1 722	23.8	1 254	17.3	1 449	20.0	719	9.9	372	5.1	205	2.8	54	0.7	7 245	100.0
106 Hyvinkää	406	2.2	3 824	20.4	4 084	21.7	4 054	21.6	1 660	8.8	833	4.4	415	2.2	329	1.8	18 786	100.0
109 Hämeenlinna	1 616	1.3	23 933	19.1	28 686	22.9	27 133	21.6	11 444	9.1	5 143	4.1	2 129	1.7	1 463	1.2	125 477	100.0
111 Heinola	906	1.6	10 218	18.1	13 935	24.7	12 839	22.8	8 701	15.4	2 577	4.6	1 170	2.1	708	1.3	56 339	100.0
165 Janakkala	596	1.8	6 748	20.4	7 276	22.0	7 107	21.5	2 919	8.8	1 366	4.1	618	1.9	447	1.4	33 051	100.0
169 Jokioinen	232	2.9	2 032	25.5	1 510	19.0	1 335	16.8	960	12.1	427	5.4	250	3.1	23	0.3	7 966	100.0
186 Järvenpää	56	4.5	344	27.9	268	21.8	222	18.1	89	7.2	44	3.6	20	1.6	19	1.6	1 230	100.0
224 Karikkala	236	1.4	3 506	21.2	3 689	22.3	3 513	21.3	1 467	8.9	673	4.1	277	1.7	240	1.5	16 523	100.0
245 Kerava	53	4.5	261	22.1	247	20.9	255	21.6	90	7.6	49	4.2	24	2.0	23	1.9	1 185	100.0
283 Hämeenkoski	214	1.8	2 838	24.2	2 639	22.5	2 382	20.3	2 069	17.6	381	3.3	142	1.2	95	0.8	11 729	100.0
316 Kärkölä	345	2.5	3 618	26.4	3 124	22.8	2 656	19.4	1 041	7.6	448	3.3	218	1.6	158	1.2	13 686	100.0
398 Lahti	190	3.1	1 572	25.2	1 351	21.6	1 312	21.0	465	7.5	227	3.6	102	1.6	62	1.0	6 241	100.0
433 Loppi	745	1.8	8 846	21.4	9 245	22.4	8 610	20.8	3 571	8.6	1 773	4.3	782	1.9	642	1.6	41 350	100.0
444 Lohja	1 112	1.9	13 915	24.2	13 807	24.1	11 308	19.7	4 498	7.8	2 463	4.3	1 043	1.8	842	1.5	57 399	100.0
504 Myrskylä-Mörskom	201	1.7	2 843	23.9	2 673	22.4	3 022	25.4	836	7.0	429	3.6	199	1.7	119	1.0	11 918	100.0
505 Mäntsälä	883	2.6	7 753	22.9	7 311	21.6	7 157	21.1	3 039	9.0	1 320	3.9	557	1.6	501	1.5	33 908	100.0
532 Nastola	170	0.8	5 336	25.0	5 076	23.8	5 455	25.5	1 347	6.3	692	3.2	294	1.4	136	0.6	21 374	100.0
543 Nurmijärvi	457	2.6	4 862	26.0	4 203	24.2	3 198	18.4	1 186	6.8	571	3.3	284	1.6	245	1.4	17 347	100.0
560 Orimattila	883	2.0	11 379	26.3	10 353	23.9	9 757	22.5	2 815	6.5	1 462	3.4	620	1.4	357	0.8	43 316	100.0
576 Padasjoki	543	1.3	6 633	16.2	9 240	22.6	9 203	22.5	3 999	9.8	1 865	4.6	876	2.1	479	1.2	40 954	100.0
611 Pornainen	126	1.6	1 474	18.3	2 022	25.1	1 960	24.3	679	8.4	300	3.7	176	2.2	148	1.8	8 068	100.0
616 Pukila	173	2.5	1 777	25.2	1 820	25.8	1 495	21.2	494	7.0	222	3.2	96	1.4	81	1.1	7 050	100.0
694 Riihimäki	146	2.2	1 589	24.5	1 406	21.7	1 277	19.7	530	8.2	251	3.9	106	1.6	74	1.2	6 490	100.0
781 Sysmä	908	1.7	10 904	20.7	12 808	24.3	11 395	21.6	4 906	9.3	2 261	4.3	916	1.7	479	0.9	52 738	100.0
834 Tammela	542	1.3	6 970	16.8	9 389	22.6	9 399	22.7	4 307	10.4	1 949	4.7	939	2.3	629	1.5	41 474	100.0

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

	Open regeneration												Forest land total							
	Municipality		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs			
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%		
Forest Centre region																				
858 Tuusula	309	3.0	2 798	27.2	2 451	23.8	1 849	18.0	1 469	14.3	746	7.3	363	3.5	159	1.5	153	1.5	10 296	100.0
927 Vihti	441	1.5	6 408	22.2	6 800	23.6	5 998	20.8	4 559	15.8	2 376	8.2	1 202	4.2	593	2.1	494	1.7	28 870	100.0
981 Ypäjä	248	3.1	1 740	22.0	1 431	18.1	1 356	17.2	1 159	14.7	1 120	14.2	495	6.3	328	4.2	27	0.3	7 903	100.0
Total	15 782	1.7	194 386	21.3	211 606	23.2	195 788	21.5	149 387	16.4	80 009	8.8	37 371	4.1	16 764	1.8	10 996	1.2	912 090	100.0
Kaakkoiis-Suomi																				
075 Hamina	278	0.7	9 984	23.4	8 917	20.9	10 115	23.7	5 724	13.4	4 032	9.5	2 339	5.5	673	1.6	593	1.4	42 655	100.0
142 Iitti	426	1.1	6 881	18.1	7 932	20.9	10 653	28.0	5 997	15.8	3 142	8.3	1 752	4.6	809	2.1	426	1.1	38 020	100.0
153 Imatra	49	0.5	2 215	23.5	2 068	22.0	2 188	23.3	1 322	14.1	861	9.1	506	5.4	155	1.6	50	0.5	9 413	100.0
285 Kotka	75	0.5	4 323	25.9	3 629	21.7	3 996	23.9	2 006	12.0	1 337	8.0	822	4.9	283	1.7	252	1.5	16 722	100.0
286 Kouvola	2 438	1.5	29 417	17.7	37 145	22.4	40 914	24.6	25 157	15.1	16 508	9.9	8 576	5.2	3 695	2.2	2 323	1.4	166 173	100.0
405 Lappeenranta	434	0.4	22 548	22.9	20 907	21.2	22 957	23.3	13 756	14.0	9 936	10.1	5 448	5.5	1 552	1.6	888	0.9	98 426	100.0
416 Lempi	106	0.7	3 791	25.1	3 363	22.3	3 335	22.1	1 870	12.4	1 560	10.3	782	5.2	202	1.3	96	0.6	15 106	100.0
441 Luumäki	72	0.1	11 323	19.8	12 549	22.0	14 080	24.6	8 075	14.1	6 368	11.1	3 109	5.4	920	1.6	657	1.2	57 152	100.0
489 Miehikkälä	188	0.6	6 371	20.5	6 410	20.6	7 611	24.5	4 416	14.2	3 331	10.7	1 883	6.1	509	1.6	347	1.1	31 065	100.0
580 Parikkala	328	0.8	9 543	22.2	11 399	26.6	10 951	25.5	4 688	10.9	3 597	8.4	1 841	4.3	467	1.1	96	0.2	42 909	100.0
624 Pynkä-Pyttis	164	0.8	4 383	21.3	4 810	23.4	5 248	25.5	2 552	12.4	1 596	7.8	966	4.7	488	2.4	386	1.9	20 594	100.0
689 Rautjärvi	547	1.9	8 856	30.9	6 029	21.1	5 894	20.6	3 057	10.7	2 294	8.0	1 515	5.3	370	1.3	84	0.3	28 648	100.0
700 Ruokolampi	612	0.8	16 113	19.8	17 383	21.4	21 116	26.0	10 818	13.3	8 356	10.3	5 071	6.2	1 421	1.8	494	0.6	81 384	100.0
739 Savitaipale	411	1.0	9 472	22.3	8 868	20.9	10 364	24.4	5 305	12.5	4 275	10.1	2 492	5.9	812	1.9	500	1.2	42 500	100.0
831 Taipalsaari	171	0.6	6 072	22.4	6 052	22.4	6 446	23.8	3 314	12.2	2 701	10.0	1 659	6.1	433	1.6	216	0.8	27 064	100.0
935 Virolahti	207	0.8	5 742	22.4	5 104	19.9	6 197	24.1	3 546	13.8	2 544	9.9	1 546	6.0	402	1.6	393	1.5	25 680	100.0
Total	6 506	0.9	157 033	21.1	162 564	21.9	182 067	24.5	101 603	13.7	72 439	9.7	40 308	5.4	13 190	1.8	7 800	1.1	743 509	100.0
Pirkanmaa																				
020 Akaa	170	1.1	3 141	19.3	3 539	21.8	3 811	23.5	2 655	16.4	1 597	9.8	856	5.3	336	2.1	133	0.8	16 238	100.0
108 Hämeenkyrö	306	1.0	6 855	21.7	6 892	21.8	7 075	22.4	5 005	15.9	3 121	9.9	1 318	4.2	673	2.1	336	1.1	31 581	100.0
143 Ikaalinen	555	1.0	10 619	18.9	11 713	20.9	13 133	23.4	8 931	15.9	6 099	10.9	2 743	4.9	1 564	2.8	769	1.4	56 126	100.0
177 Juupajoki	331	1.6	4 255	20.6	4 055	19.7	4 990	24.2	2 870	13.9	2 276	11.0	1 027	5.0	579	2.8	256	1.2	20 639	100.0
211 Kangasala	509	1.1	7 377	16.2	9 173	20.2	11 319	24.9	8 352	18.4	4 713	10.4	2 523	5.5	1 076	2.4	472	1.0	45 514	100.0
250 Kihniö	449	1.7	4 031	14.9	3 366	12.4	6 040	22.3	5 058	18.7	3 790	14.0	2 486	9.2	1 234	4.6	602	2.2	27 055	100.0
418 Lempäälä	274	1.6	3 225	18.5	3 650	21.0	4 381	25.2	2 570	14.8	1 648	9.5	1 042	6.0	457	2.6	152	0.9	17 400	100.0
508 Mänttä-Vilppula	437	1.0	8 635	19.9	9 683	22.4	10 318	23.8	6 041	14.0	4 278	9.9	2 181	5.0	1 112	2.6	610	1.4	43 295	100.0
536 Nokia	296	1.6	3 807	20.3	4 108	21.9	4 565	24.3	2 928	15.6	1 647	8.8	848	4.5	418	2.2	168	0.9	18 785	100.0
562 Orivesi	753	1.2	10 935	17.5	13 128	21.0	15 939	25.4	9 889	15.8	6 567	10.5	3 085	4.9	1 655	2.6	711	1.1	62 664	100.0
604 Pirkkala	1 058	1.7	9 308	14.6	9 756	15.3	15 000	23.5	11 381	17.8	8 517	13.3	5 016	7.9	2 540	4.0	1 247	2.0	63 821	100.0
619 Punkalaidun	101	2.1	1 120	23.2	1 074	22.2	1 123	23.2	676	14.0	372	7.7	224	4.6	107	2.2	35	0.7	4 832	100.0
635 Pälkäne	331	1.8	3 847	20.6	3 867	20.7	4 068	21.8	2 843	15.2	1 823	9.8	1 129	6.1	569	3.1	186	1.0	18 664	100.0
702 Ruovesi	372	0.9	6 728	16.4	9 086	22.1	9 349	22.8	8 516	20.7	3 961	9.6	1 858	4.5	779	1.9	427	1.0	41 076	100.0
790 Sastamala	886	1.5	10 450	18.0	11 782	20.3	16 056	27.6	8 051	13.9	5 767	9.9	2 570	4.4	1 690	2.9	845	1.5	58 097	100.0
837 Tampere	1 874	2.0	19 175	20.0	20 099	21.0	20 763	21.7	15 731	16.4	9 278	9.7	5 184	5.4	2 574	2.7	1 127	1.2	95 804	100.0
887 Urjala	549	1.5	6 222	16.8	7 461	20.1	9 740	26.2	5 935	16.0	3 975	10.7	1 973	5.3	894	2.4	400	1.1	37 150	100.0
908 Valkeakoski	392	1.3	5 901	20.1	5 913	20.2	6 565	22.4	4 886	16.7	2 937	10.0	1 667	5.7	819	2.8	228	0.8	29 310	100.0
922 Vesilahti	214	1.4	3 243	20.4	3 742	23.5	3 477	21.8	2 699	16.9	1 374	8.6	731	4.6	310	1.9	139	0.9	15 931	100.0
936 Virrat	394	1.9	3 932	19.1	3 954	19.2	4 696	22.8	3 206	15.6	2 139	10.4	1 408	6.8	667	3.2	196	1.0	20 592	100.0
936 Virrat	1 014	1.1	15 751	17.3	16 151	17.7	20 824	22.8	14 853	16.3	10 834	11.9	6 389	7.0	3 802	4.2	1 552	1.7	91 170	100.0

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site		1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs		Forest land total		
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
980 Ylöjärvi	1 064	1.2	14 301	16.5	16 582	19.1	22 965	26.5	13 393	15.5	9 774	11.3	4 415	5.1	2 726	3.2	1 462	1.7	86 682	100.0	
Total	12 332	1.4	162 856	18.1	178 776	19.8	216 198	24.0	146 469	16.2	96 488	10.7	50 673	5.6	26 581	3.0	12 051	1.3	902 426	100.0	
Etelä-Savo																					
046 Eronkoski	202	0.9	5 240	23.0	5 199	22.8	5 608	24.6	2 589	11.4	2 000	8.8	1 378	6.1	400	1.8	152	0.7	22 769	100.0	
090 Heinävesi	760	0.9	17 959	20.4	19 660	22.3	22 919	26.0	9 504	10.8	8 394	9.5	5 700	6.5	2 424	2.8	717	0.8	88 037	100.0	
097 Hirvensalmi	383	1.1	7 456	20.3	9 975	27.2	8 145	22.2	4 201	11.5	3 563	9.7	1 826	5.0	750	2.1	354	1.0	36 652	100.0	
171 Joroinen	297	0.7	9 789	22.5	11 057	25.4	9 677	22.2	4 621	10.6	4 131	9.5	2 343	5.4	1 191	2.7	413	1.0	43 519	100.0	
178 Juvva	564	0.6	18 902	20.1	22 185	23.5	21 296	22.6	11 240	11.9	11 203	11.9	5 617	6.0	2 356	2.5	883	0.9	94 246	100.0	
213 Kangasniemi	1 015	1.1	20 821	22.9	22 640	24.9	19 846	21.9	8 991	9.9	8 831	9.7	5 097	5.6	2 521	2.8	1 032	1.1	90 795	100.0	
491 Mikkelin	1 430	0.7	40 392	19.5	49 171	23.8	45 249	21.9	25 757	12.5	23 780	11.5	13 452	6.5	5 063	2.5	2 632	1.3	206 926	100.0	
507 Mäntymäki	1 285	1.6	13 720	16.6	20 367	24.6	19 085	23.0	12 010	14.5	8 359	10.1	4 803	5.8	2 050	2.5	1 217	1.5	82 894	100.0	
588 Pertunmaa	447	1.4	6 344	20.4	8 293	26.6	6 432	20.7	4 646	14.9	2 871	9.2	1 356	4.4	534	1.7	226	0.7	31 148	100.0	
593 Pieksämäki	1 313	1.0	25 820	19.8	34 393	26.4	28 199	21.6	15 157	11.6	11 657	8.9	7 474	5.7	4 195	3.2	2 242	1.7	130 449	100.0	
623 Puuruala	432	0.7	13 015	19.6	14 400	21.7	17 436	26.3	8 057	12.2	6 347	9.6	4 628	7.0	1 399	2.1	628	1.0	66 340	100.0	
681 Rantasalmi	395	1.0	10 392	25.6	10 088	24.9	8 522	21.0	4 259	10.5	3 785	9.3	2 132	5.3	740	1.8	286	0.7	40 599	100.0	
740 Savonlinna	1 455	0.8	39 346	21.9	41 352	23.1	44 512	24.8	20 765	11.6	17 319	9.7	10 480	5.8	3 045	1.7	1 081	0.6	179 356	100.0	
768 Sulkava	717	1.5	13 241	27.0	10 667	21.8	10 528	21.5	5 276	10.8	4 604	9.4	2 802	5.7	828	1.7	315	0.6	48 979	100.0	
Total	10 696	0.9	242 436	20.9	279 446	24.0	267 454	23.0	137 073	11.8	116 844	10.1	69 086	5.9	27 496	2.4	12 179	1.1	1 162 709	100.0	
Etelä-Pohjanmaa																					
005 Alajärvi	1 118	1.6	10 166	14.2	11 139	15.6	16 185	22.7	11 481	16.1	10 337	14.5	6 688	9.4	2 381	3.3	1 907	2.7	71 404	100.0	
010 Alavus	715	1.0	12 293	16.5	10 859	14.5	16 461	22.0	11 218	15.0	9 945	13.3	7 671	10.3	3 394	4.5	2 182	2.9	74 738	100.0	
052 Evijärvi	218	0.9	4 176	17.7	4 349	18.5	4 577	19.4	3 965	16.8	3 165	13.4	1 632	7.8	839	3.6	439	1.9	23 559	100.0	
074 Halsua	219	0.8	3 866	14.4	3 831	14.2	5 689	21.1	5 485	20.4	3 467	12.9	2 065	7.7	1 154	4.3	1 150	4.3	26 946	100.0	
145 Ilmajoki	535	1.6	6 316	19.3	5 860	17.9	6 234	19.1	4 867	14.9	3 927	12.0	2 657	8.1	1 350	4.1	951	2.9	32 696	100.0	
151 Isojoki	289	0.7	6 322	14.8	6 589	15.4	9 532	22.3	7 201	16.9	6 485	15.2	3 688	8.6	1 587	3.7	1 006	2.4	42 699	100.0	
152 Isokyrö	342	1.8	3 969	20.6	4 123	21.4	3 674	19.1	2 867	14.9	2 168	11.3	1 176	6.1	512	2.7	441	2.3	19 272	100.0	
164 Jalasjärvi	445	0.9	8 977	18.3	6 857	14.0	9 893	20.2	7 684	15.7	6 566	13.4	4 863	9.9	2 271	4.6	1 381	2.8	48 937	100.0	
217 Kannus	505	1.6	4 055	12.8	4 228	13.3	6 395	20.1	6 499	20.5	5 413	17.1	2 828	8.9	1 231	3.9	599	1.9	31 752	100.0	
218 Karjoki	155	1.3	2 248	18.3	2 274	18.5	2 293	18.7	1 670	13.6	1 480	12.1	1 172	9.5	560	4.6	426	3.5	12 277	100.0	
232 Kauhajoki	494	0.7	11 316	15.1	11 529	15.3	15 431	20.5	12 289	16.4	11 401	15.2	6 626	8.8	3 631	4.8	2 418	3.2	75 135	100.0	
233 Kauhava	1 014	1.3	14 643	19.2	14 254	18.7	15 053	19.7	11 059	14.5	9 261	12.2	6 048	7.9	2 883	3.8	2 033	2.7	76 249	100.0	
236 Kaustinen	191	0.8	2 876	12.5	3 782	16.5	4 727	20.6	4 554	19.8	3 520	15.3	2 014	8.8	835	3.6	460	2.0	22 960	100.0	
272 Kokkola-Karleby E-	1 283	1.8	11 339	15.7	11 561	16.1	14 688	20.4	13 136	18.2	10 487	14.5	5 304	7.4	2 515	3.5	1 790	2.5	72 122	100.0	
300 Kuortane	424	1.3	5 181	16.3	5 347	16.8	6 521	20.5	4 777	15.0	4 246	13.3	3 118	9.8	1 425	4.5	808	2.5	31 846	100.0	
301 Kurikka	520	0.9	11 341	19.4	11 465	19.6	11 494	19.7	8 061	13.8	6 881	11.8	4 484	7.7	2 564	4.4	1 608	2.8	58 418	100.0	
399 Laihia	374	1.2	5 179	16.0	6 735	20.9	6 527	20.2	4 891	15.1	3 990	12.4	2 407	7.5	1 337	4.1	857	2.7	32 297	100.0	
403 Lappajärvi	300	1.1	4 240	14.8	5 281	18.4	6 120	21.4	4 674	16.3	4 078	14.2	2 492	8.7	940	3.3	513	1.8	28 638	100.0	
408 Lapua	503	1.2	6 462	15.3	7 203	17.1	9 003	21.3	6 736	15.9	5 630	13.3	3 976	9.4	1 682	4.0	1 052	2.5	42 247	100.0	
421 Lesijärvi	435	1.4	5 429	16.9	4 818	15.0	6 502	20.2	5 957	18.5	4 295	13.4	2 311	7.2	1 316	4.1	1 060	3.3	32 124	100.0	
584 Perho	452	1.0	5 632	12.2	6 629	14.4	10 718	23.3	9 164	19.9	5 852	12.7	3 822	8.3	2 125	4.6	1 674	3.6	46 069	100.0	
743 Seinäjoki	1 189	1.4	17 324	20.3	14 044	16.4	17 202	20.1	12 916	15.1	10 820	12.7	6 999	8.2	2 982	3.5	1 986	2.3	85 461	100.0	
759 Soini	443	1.1	5 189	12.7	6 485	15.8	9 888	24.1	7 019	17.1	5 507	13.4	3 587	8.8	1 311	3.2	1 555	3.8	40 985	100.0	
846 Teuva	195	0.5	6 428	17.9	7 069	19.7	7 226	20.2	5 173	14.4	4 349	12.1	2 887	8.1	1 562	4.4	972	2.7	35 861	100.0	
849 Toholampi	447	1.2	6 091	16.2	5 719	15.2	7 062	18.8	7 230	19.2	5 364	14.3	2 987	7.9	1 459	3.9	1 285	3.4	37 644	100.0	

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

	Forest Centre region																			
	Open regeneration site																Forest land total			
	Municipality	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	ha	%	ha	%	ha	%	ha		%		
924 Veteli	380	1.3	4 077	13.4	4 547	14.9	6 620	21.7	5 759	18.9	4 802	15.8	2 645	8.7	989	3.2	659	2.2	30 479	100.0
934 Vimpeli	201	1.1	2 636	14.4	3 220	17.6	4 076	22.3	3 009	16.5	2 633	14.4	1 557	8.5	572	3.1	388	2.1	18 292	100.0
989 Ähtäri	808	1.3	9 391	14.5	10 584	16.4	15 888	24.6	9 949	15.4	8 441	13.1	5 350	8.3	2 333	3.6	1 855	2.9	64 600	100.0
Total	14 194	1.2	197 160	16.2	200 403	16.5	255 681	21.0	199 290	16.4	164 529	13.5	103 255	8.5	47 739	3.9	33 453	2.8	1 215 703	100.0
Keski-Suomi																				
077 Hankasalmi	633	1.4	10 694	23.9	11 867	26.5	8 735	19.5	4 433	9.9	3 986	8.9	2 831	6.3	1 065	2.4	548	1.2	44 792	100.0
172 Joutsa	483	0.7	15 026	21.8	17 930	26.0	15 864	23.0	7 466	10.8	6 486	9.4	3 370	4.9	1 764	2.6	636	0.9	69 025	100.0
179 Jyväskylä	1 191	1.3	21 151	23.0	22 575	24.5	19 427	21.1	10 642	11.6	8 555	9.3	4 984	5.4	2 206	2.4	1 415	1.5	92 146	100.0
182 Jämsä	1 395	1.1	25 916	20.0	29 331	22.6	30 269	23.3	17 848	13.8	12 849	9.9	7 231	5.6	3 239	2.5	1 770	1.4	129 848	100.0
216 Kannonkoski	659	1.8	5 782	15.5	7 428	19.9	9 905	26.5	5 387	14.4	3 765	10.1	2 393	6.4	1 180	3.2	923	2.5	37 421	100.0
226 Karstula	642	0.9	8 174	12.0	10 770	15.8	18 136	26.6	11 390	16.7	8 789	12.9	5 623	8.2	2 443	3.6	2 252	3.3	68 218	100.0
249 Keuruu	1 140	1.1	18 005	17.0	23 075	21.8	26 162	24.7	15 087	14.2	10 780	10.2	6 423	6.1	3 155	3.0	2 183	2.1	106 010	100.0
256 Kinnula	434	1.2	5 087	14.3	5 964	16.7	7 940	22.3	6 326	17.7	4 566	12.8	2 753	7.7	1 406	3.9	1 180	3.3	35 655	100.0
265 Kivijärvi	663	1.8	6 422	16.9	6 789	17.9	9 078	23.9	5 854	15.4	4 144	10.9	2 676	7.0	1 197	3.2	1 179	3.1	38 001	100.0
275 Konnevesi	1 122	2.6	11 613	27.3	9 968	23.4	7 934	18.7	4 150	9.8	4 109	9.7	2 117	5.0	928	2.2	579	1.4	42 521	100.0
291 Kuhmoinen	672	1.2	11 162	20.6	12 629	23.3	11 707	21.6	7 991	14.7	5 419	10.0	2 758	5.1	1 215	2.2	664	1.2	54 218	100.0
312 Kyyjärvi	209	0.7	3 661	11.3	4 836	14.9	6 695	23.8	6 562	20.3	4 421	13.7	2 650	8.2	1 226	3.8	1 112	3.4	32 373	100.0
410 Laukaa	681	1.4	11 277	23.1	11 997	24.6	10 536	21.6	5 079	10.4	4 477	9.2	2 830	5.8	1 156	2.4	842	1.7	48 874	100.0
435 Luhanka	189	1.1	3 724	21.0	4 810	27.2	3 950	22.3	2 127	12.0	1 521	8.6	843	4.8	368	2.1	176	1.0	17 707	100.0
495 Multia	603	1.0	8 175	13.2	11 888	19.2	16 674	26.9	9 952	16.0	6 413	10.3	4 136	6.7	2 179	3.5	2 029	3.3	62 047	100.0
500 Muurame	134	1.3	2 595	24.7	2 692	25.6	2 104	20.0	1 127	10.7	961	9.2	525	5.0	223	2.1	137	1.3	10 498	100.0
592 Petäjävesi	366	1.0	7 550	19.9	8 549	22.5	8 811	23.2	4 821	12.7	3 583	9.4	2 437	6.4	1 103	2.9	742	2.0	37 962	100.0
601 Pihlajavesi	851	1.0	11 181	13.3	15 911	18.9	21 099	25.1	14 725	17.5	10 088	12.0	5 669	6.7	2 745	3.3	1 960	2.3	84 229	100.0
729 Saarijärvi	1 114	1.1	14 813	15.0	19 918	20.1	24 907	25.1	14 866	15.0	10 570	10.7	6 839	6.9	3 295	3.3	2 737	2.8	99 059	100.0
850 Toivakka	417	1.4	6 520	21.7	7 290	24.3	6 630	22.1	3 273	10.9	2 871	9.6	1 721	5.7	829	2.8	467	1.6	30 016	100.0
892 Uurainen	355	1.3	5 039	17.9	5 639	20.0	6 355	22.5	4 492	15.9	2 860	10.1	1 838	6.5	870	3.1	761	2.7	28 208	100.0
931 Viitasaari	1 044	1.0	18 699	17.8	24 191	23.1	26 319	25.1	14 625	14.0	9 350	8.9	5 869	5.6	2 625	2.5	2 145	2.1	104 866	100.0
992 Äänekoski	924	1.3	12 526	17.2	16 757	23.0	16 118	22.1	11 408	15.6	7 096	9.7	4 036	5.5	2 363	3.2	1 783	2.4	73 012	100.0
Total	15 921	1.2	244 790	18.2	292 803	21.7	316 356	23.5	189 631	14.1	137 656	10.2	82 550	6.1	38 780	2.9	28 220	2.1	1 346 706	100.0
Pohjois-Savo																				
140 Iisalmi	580	1.1	12 773	23.1	15 059	27.3	12 932	23.4	5 205	9.4	4 238	7.7	2 766	5.0	1 285	2.3	364	0.7	55 203	100.0
174 Juankoski	282	0.8	7 393	21.0	9 512	27.1	8 291	23.6	3 389	9.6	2 974	8.5	1 858	5.3	977	2.8	468	1.3	35 144	100.0
204 Kaavi	725	1.3	9 783	16.9	13 837	23.9	15 441	26.7	6 836	11.8	5 545	9.6	3 279	5.7	1 608	2.8	824	1.4	57 878	100.0
239 Keitele	398	1.0	6 153	15.4	8 472	21.1	10 075	25.1	5 930	14.8	4 756	11.9	2 493	6.2	1 155	2.9	650	1.6	40 081	100.0
263 Kuruvesi	764	0.8	17 846	18.8	21 184	22.3	23 842	25.1	14 099	14.9	10 121	10.7	4 370	4.6	1 809	1.9	797	0.8	94 831	100.0
297 Kuopio	1 575	0.9	37 853	20.9	49 271	27.2	41 998	23.2	17 263	9.5	15 251	8.4	10 564	5.8	5 436	3.0	2 194	1.2	181 406	100.0
402 Lapinlahti	767	0.9	17 066	20.7	21 185	25.7	19 708	23.9	8 968	10.9	7 350	8.9	4 634	5.6	1 935	2.4	714	0.9	82 328	100.0
420 Leppävirta	568	0.6	19 937	21.4	23 474	25.1	22 801	24.7	8 628	9.2	8 256	8.8	5 550	5.9	3 087	3.3	1 097	1.2	93 397	100.0
476 Maaninka	279	0.8	8 335	24.8	9 124	27.1	7 311	21.4	3 150	9.4	2 401	7.1	1 962	5.9	829	2.5	238	0.7	33 649	100.0
595 Pielavesi	1 043	1.1	16 779	17.8	22 368	23.7	21 843	23.2	12 269	13.0	10 208	10.8	6 120	6.5	2 735	2.9	874	0.9	94 239	100.0
686 Rautalammi	466	1.1	9 172	21.8	12 749	30.3	9 136	21.7	3 828	9.1	2 687	6.4	2 315	5.0	1 178	2.8	569	1.4	42 099	100.0
687 Rautavaara	1 099	1.2	11 785	13.0	17 170	18.9	25 975	28.6	15 711	17.3	10 449	11.5	4 546	5.0	2 220	2.5	1 749	1.9	90 703	100.0
749 Siilinjärvi	304	1.2	7 263	27.6	7 105	27.0	5 292	20.1	2 121	8.1	1 714	6.5	1 581	6.0	741	2.8	169	0.6	26 292	100.0
762 Sonkejärvi	777	0.7	18 699	15.9	26 117	22.2	30 977	26.3	18 860	16.0	12 638	10.7	5 204	4.4	2 804	2.4	1 634	1.4	117 710	100.0

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration										Forest land total	
	Municipality	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	ha	%	ha
	ha	ha	ha	ha	ha	ha	ha	ha	ha	%	ha	%
778 Suonenjoki	726	12 215	15 965	12 453	6 388	4 960	3 355	1 926	3 336	3.3	58 988	100.0
844 Tervo	229	6 514	8 518	6 161	2 901	2 241	1 435	669	1 628	2.3	28 937	100.0
857 Tuusniemi	410	9 565	11 607	10 872	4 255	4 041	2 337	1 498	2 523	3.0	44 977	100.0
915 Varkaus	144	6 468	7 344	7 418	3 151	3 002	1 968	756	2 931	2.5	30 545	100.0
921 Vesanto	291	6 623	9 193	8 141	4 501	3 354	1 696	873	2 711	2.5	34 943	100.0
925 Vieremä	443	11 102	14 406	19 262	10 350	6 972	2 903	1 675	847	2.5	67 959	100.0
Total	11 871	253 323	323 663	319 931	157 803	123 157	70 956	35 193	15 414	2.7	1 311 311	100.0
Pohjois-Karjala												
146 Ilomantsi	1 835	31 419	34 366	62 658	30 516	21 352	8 071	3 967	3 336	1.9	205 703	100.0
167 Joensuu	1 642	42 450	45 916	50 724	25 264	17 290	11 917	4 283	1 628	0.8	201 113	100.0
176 Juuka	1 291	17 893	25 607	35 922	19 971	14 042	7 460	3 471	2 523	2.0	128 180	100.0
260 Kitee	530	19 180	23 910	27 224	11 008	8 887	5 892	1 393	4 009	0.4	98 232	100.0
276 Kontiolahti	791	12 806	15 768	16 080	8 777	6 107	4 154	1 561	2 350	0.8	66 604	100.0
309 Outokumpu	448	6 080	7 927	9 346	4 700	3 499	1 995	1 025	2 451	0.7	35 264	100.0
422 Lieksa	2 537	41 943	54 534	74 242	45 635	27 976	11 910	6 911	8 333	3.0	274 020	100.0
426 Liperi	618	11 195	12 930	13 639	5 999	3 708	2 553	1 203	2 888	0.6	52 134	100.0
541 Nurmes	1 118	18 599	27 904	37 296	21 266	12 674	5 499	3 503	4 150	3.1	132 009	100.0
607 Polvijärvi	503	10 212	13 966	15 806	8 766	6 118	3 227	1 337	7 151	1.2	60 649	100.0
707 Rääkkylä	190	6 280	7 592	8 521	3 769	2 650	1 761	553	1 171	0.5	32 486	100.0
848 Tohmajärvi	366	12 388	14 822	18 014	8 140	5 528	3 942	1 278	2 851	0.4	64 763	100.0
911 Valtimo	410	6 297	14 368	19 498	10 851	6 012	2 566	1 465	1 598	2.4	66 065	100.0
Total	12 278	240 742	299 610	388 968	212 846	135 843	70 744	31 950	24 240	2.3	1 417 222	100.0
Kainuu												
105 Hyrynsalmi	1 211	16 245	21 582	27 641	20 234	9 476	3 797	3 252	5 894	5.4	109 333	100.0
205 Kajaani	1 170	19 035	23 407	38 915	29 267	16 512	6 641	3 726	3 224	2.3	141 898	100.0
290 Kuhmo	3 402	46 843	66 823	94 116	70 777	35 724	11 237	10 782	23 383	6.4	363 087	100.0
578 Paltamo	886	12 940	15 519	19 560	13 739	6 624	2 989	2 018	2 174	2.8	76 449	100.0
620 Puolanka	2 324	31 273	30 442	44 224	34 977	17 201	7 586	5 578	6 897	3.8	180 502	100.0
697 Ristijärvi	678	11 371	14 917	18 788	11 736	5 515	2 376	1 823	2 980	4.3	70 184	100.0
765 Sotkamo	1 686	28 634	42 301	62 060	39 411	20 929	7 764	5 877	7 775	3.6	216 436	100.0
777 Suomussalmi	4 647	60 334	77 419	81 442	64 899	33 963	14 752	12 088	28 868	7.6	378 413	100.0
785 Vaala	1 020	11 602	10 659	19 636	20 480	11 679	4 690	2 253	1 588	1.9	83 606	100.0
Total	17 024	238 277	303 068	406 383	305 520	157 624	61 832	47 398	82 783	2.9	1 619 909	100.0
Pohjois-Pohjanmaa												
009 Alavieska	211	2 394	2 132	2 574	3 242	2 916	1 547	695	371	2.3	16 082	100.0
069 Haapajärvi	580	8 205	9 035	11 734	11 937	8 199	4 012	1 863	1 324	2.3	56 889	100.0
071 Haapavesi	919	12 121	8 477	13 898	19 176	11 846	5 075	1 884	1 651	2.2	75 046	100.0
072 Halluoto	467	3 503	1 674	1 817	2 262	1 772	464	409	575	4.4	12 942	100.0
208 Kalajoki	975	9 087	9 390	11 837	12 562	10 017	4 648	1 987	1 140	1.9	61 643	100.0
139 Ii	1 038	12 175	15 655	22 913	25 442	13 198	3 964	1 659	5 117	5.1	101 161	100.0
244 Kempele	80	14	924	1 229	1 114	798	250	170	79	1.4	5 616	100.0
305 Kuusamo	3 340	42 918	56 149	61 902	56 446	41 017	17 518	10 572	32 792	3.3	322 654	100.0
317 Kärsämäki	523	7 861	8 055	11 469	10 864	7 168	3 378	1 518	1 153	2.2	51 990	100.0
425 Liminka	582	4 790	5 006	7 206	8 180	5 204	2 060	952	652	1.9	34 633	100.0

Table 4c. Age class distribution on forest land available for wood supply by Forest Centre regions.

	Open regeneration site		Forest Centre region										Forest land total							
	ha	%	1-20 yrs		21-40 yrs		41-60 yrs		61-80 yrs		81-100 yrs		101-120 yrs		121-140 yrs		141+ yrs			
			ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%		
Municipality																				
436 Lumijoki	191	1.6	1 899	16.1	2 002	17.0	2 289	19.4	2 634	22.3	1 808	15.3	501	4.3	236	2.0	234	2.0	11 795	100.0
483 Merijärvi	283	1.6	3 014	17.5	2 002	11.6	2 567	14.9	3 604	20.9	3 191	18.5	1 579	9.2	648	3.8	373	2.2	17 262	100.0
494 Muhos	976	2.1	6 999	14.8	6 162	13.1	8 856	18.8	11 706	24.8	6 839	14.5	3 263	6.9	1 563	3.3	828	1.8	47 193	100.0
535 Nivala	390	1.3	5 267	17.6	4 662	15.6	5 134	17.2	5 950	19.9	4 468	15.0	2 314	7.8	1 037	3.5	651	2.2	29 873	100.0
563 Oulainen	811	1.8	8 087	18.4	5 202	11.8	7 095	16.1	9 991	22.7	7 036	16.0	3 474	7.9	1 249	2.8	1 111	2.5	44 056	100.0
564 Oulu	2 041	1.1	22 728	11.7	22 227	11.4	44 917	23.1	52 231	26.9	31 182	16.0	9 938	5.1	5 631	2.9	3 662	1.9	194 558	100.0
615 Pudasjärvi	2 573	0.8	41 069	12.1	46 443	13.7	81 178	24.0	82 084	24.2	45 492	13.4	17 342	5.1	9 951	2.9	12 533	3.7	338 666	100.0
625 Pynäjoki	637	1.5	6 828	16.5	5 633	13.6	7 317	17.7	9 389	22.7	6 697	16.2	2 845	6.9	1 113	2.7	911	2.2	41 370	100.0
626 Pyhäsalmi	1 050	1.0	15 821	14.9	18 350	17.3	27 127	25.6	20 364	19.2	13 334	12.6	5 619	5.3	2 535	2.4	1 779	1.7	105 979	100.0
630 Pynhäntä	804	1.4	7 316	12.9	6 538	11.5	14 818	26.0	13 325	23.4	7 737	13.6	3 292	8.0	1 692	3.0	1 397	2.5	56 919	100.0
678 Raabe	1 197	1.7	10 913	15.3	8 081	11.3	12 438	17.4	17 319	24.2	11 880	16.6	5 724	5.8	2 294	3.2	1 709	2.4	71 556	100.0
691 Reisjärvi	305	0.9	4 618	14.0	5 382	16.3	6 703	20.3	6 585	19.9	4 755	14.4	2 522	7.6	1 305	3.9	927	2.8	33 102	100.0
746 Sievi	828	1.6	8 211	15.4	7 193	13.5	9 826	18.4	11 110	20.8	8 282	15.5	4 241	7.9	2 056	3.8	1 743	3.3	53 490	100.0
748 Sillajoki	1 090	1.7	9 519	14.6	9 103	14.0	13 373	20.5	14 849	22.8	9 566	14.7	4 144	6.4	2 237	3.4	1 335	2.1	65 218	100.0
791 Sillaklatva	1 922	1.3	19 154	12.7	18 432	12.2	31 712	21.0	36 575	24.3	24 360	16.2	10 745	7.1	4 381	2.9	3 531	2.3	150 812	100.0
832 Taivalkoski	2 428	1.5	25 222	15.2	25 659	15.5	36 304	21.9	28 551	17.2	17 484	10.5	8 762	5.3	5 950	3.6	15 753	9.5	166 112	100.0
859 Tyrnävä	555	2.0	3 508	12.9	3 843	14.1	5 525	20.3	6 506	23.8	4 223	15.5	1 687	6.2	931	3.4	509	1.9	27 287	100.0
889 Utajärvi	848	0.9	12 249	12.3	10 937	11.0	21 946	22.0	27 446	27.5	15 583	15.6	6 167	6.2	2 945	3.0	1 722	1.7	99 844	100.0
977 Ylivieska	560	1.4	6 729	16.4	5 579	13.6	6 565	16.0	8 584	21.0	7 054	17.2	3 502	8.6	1 441	3.5	961	2.4	40 976	100.0
Total Lapland	28 204	1.2	323 180	13.8	329 929	14.1	492 269	21.1	520 031	22.3	333 104	14.3	140 577	6.0	70 903	3.0	96 527	4.1	2 334 724	100.0
047 Enontekiö	379	0.6	3 224	5.0	2 893	4.5	803	1.2	5 208	8.0	21 257	32.7	4 561	7.0	1 185	1.8	25 565	39.3	65 075	100.0
148 Inari	538	0.1	24 432	6.5	13 162	3.5	26 123	6.9	56 343	14.9	60 606	16.1	15 439	4.1	8 740	2.3	171 737	45.5	377 120	100.0
240 Kemi	275	4.4	751	11.9	1 677	26.6	1 124	17.8	631	10.0	755	12.0	675	10.7	25	0.4	394	6.2	6 306	100.0
241 Kemijärvi	753	1.8	4 628	10.9	8 235	19.4	9 553	22.5	8 925	21.0	4 809	11.3	2 558	6.0	1 217	2.9	1 854	4.4	42 532	100.0
261 Kittilä	2 593	0.7	38 077	10.2	44 751	12.0	61 289	16.5	54 195	14.6	66 841	18.0	34 536	9.3	12 304	3.3	57 765	15.5	372 331	100.0
273 Kolari	815	0.5	15 110	9.4	27 093	16.9	28 526	17.8	32 123	20.0	26 498	16.5	9 776	6.1	4 214	2.6	16 376	10.2	160 530	100.0
320 Kemijärvi	1 617	0.7	26 707	10.7	36 981	14.8	46 396	18.5	59 323	23.7	38 621	15.4	16 479	6.6	6 791	2.7	17 780	7.1	250 695	100.0
498 Muonio	578	0.6	11 486	11.3	7 958	7.8	12 078	11.8	14 987	14.7	18 700	18.3	8 310	8.1	1 874	1.8	26 135	25.6	102 105	100.0
583 Pelkosenniemi	278	0.3	14 934	14.3	22 078	21.1	18 382	17.6	19 141	18.3	9 813	9.4	4 742	4.5	3 488	3.3	11 650	11.2	104 505	100.0
614 Posio	2 713	1.5	24 390	13.5	22 044	12.2	30 104	16.7	38 540	21.4	28 696	15.9	10 267	5.7	4 581	2.5	18 741	10.4	180 076	100.0
683 Ranua	492	0.3	18 673	9.5	28 086	14.3	41 807	21.3	55 636	28.4	27 778	14.2	8 444	4.3	3 797	1.9	11 302	5.8	196 015	100.0
698 Rovaniemi	2 824	0.5	64 414	12.1	68 235	12.9	96 719	18.2	124 727	23.5	90 913	17.1	25 075	4.7	16 309	3.1	41 873	7.9	531 090	100.0
732 Salla	1 853	0.6	42 411	12.9	45 644	13.9	54 144	16.5	49 501	15.1	44 445	13.6	19 128	5.8	9 713	3.0	60 922	18.6	327 760	100.0
742 Savukoski	3 710	1.1	58 438	17.7	43 631	13.2	39 113	11.8	50 708	15.3	41 457	12.5	21 646	6.5	9 148	2.8	63 023	19.1	330 874	100.0
751 Simo	405	0.5	8 683	10.9	10 823	13.6	19 681	24.7	21 697	27.3	10 139	12.7	2 930	2.9	2 534	3.2	3 283	4.1	79 575	100.0
758 Sodankylä	4 307	0.9	64 624	13.0	53 500	10.8	71 672	14.4	83 791	16.9	84 420	17.0	38 695	7.8	16 916	3.4	78 613	15.8	496 539	100.0
845 Tervola	824	0.8	13 116	12.8	11 906	11.6	24 717	24.2	27 044	26.4	14 515	14.2	3 823	3.7	2 481	2.4	3 915	3.8	102 342	100.0
851 Tornio	958	1.2	9 823	12.4	9 467	11.9	18 243	23.0	18 763	23.7	10 573	13.3	4 775	6.0	1 645	2.1	5 028	6.3	79 276	100.0
854 Pello	667	0.5	16 189	12.5	24 190	18.6	25 184	19.4	23 809	18.3	18 432	14.2	7 374	5.7	3 412	2.6	10 752	8.3	130 010	100.0
890 Utsjoki	0	0.0	2	0.0	63	1.2	611	11.9	2 916	56.7	285	5.5	0	0.0	55	1.1	1 212	23.6	5 144	100.0
976 Ylitornio	1 291	1.0	18 498	13.8	20 478	15.3	31 976	23.8	30 579	22.8	14 479	10.8	5 523	4.1	4 522	3.4	6 919	5.2	134 264	100.0
Total	27 868	0.7	478 611	11.8	502 893	12.3	658 226	16.2	778 587	19.1	634 029	15.6	244 156	6.0	114 952	2.8	634 840	15.6	4 074 163	100.0

Table 4d. The mean volume of growing stock in age classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Open regeneration site	m ³ /ha								Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	
Åland										
035 Brändö	0.5	29.2	97.1	158.1	173.9	195.5	182.6	198.9	131.6	116.1
043 Eckerö	2.1	34.6	125.2	171.5	209.1	198.8	194.0	205.4	160.6	146.9
060 Finström	1.6	28.4	121.5	169.9	209.8	205.1	210.0	203.1	148.1	141.9
062 Föglö	8.4	37.9	108.1	157.5	193.1	196.0	199.5	201.6	155.9	148.3
065 Geta	1.2	30.2	106.7	154.7	193.0	192.6	182.9	180.6	135.8	135.3
076 Hammarland	1.3	31.7	123.8	171.2	207.8	199.6	196.4	199.2	146.5	143.8
170 Jomala	1.8	29.2	127.7	179.8	215.9	210.0	214.0	208.5	152.8	146.9
295 Kumlinge	1.0	30.6	100.0	150.1	175.1	188.4	173.3	190.9	140.3	126.8
318 Kökar	0.2	18.9	94.0	158.2	186.2	199.0	201.6	193.6	151.1	91.9
417 Lemland	2.0	37.0	126.4	179.5	214.4	202.0	215.5	211.0	144.0	150.1
438 Lumparland	0.0	40.6	115.4	164.5	203.6	196.2	208.9	197.8	149.3	153.3
478 Mariehamn-Maarianhamina	1.4	30.0	112.3	165.5	190.7	185.8	176.7	185.9	139.9	130.8
736 Saltvik	1.0	29.8	114.9	160.7	202.9	194.7	194.3	189.5	146.5	142.9
766 Sottunga	0.7	24.2	98.9	152.8	182.2	197.7	194.3	195.0	146.6	118.4
771 Sund	14.5	35.5	120.0	167.5	207.5	198.4	201.2	192.8	147.4	150.3
941 Vårdö	5.5	39.1	112.2	163.5	199.8	192.4	203.7	190.1	150.1	153.2
Total	1.9	31.6	117.1	166.6	201.5	198.2	198.7	198.1	148.0	142.1
Rannikko/Etelärannikko										
049 Espoo-Esbo	3.2	40.0	146.4	202.6	242.8	256.0	239.2	216.9	195.7	176.0
078 Hanko-Hangö	6.5	35.9	135.0	194.7	214.5	231.6	218.9	261.1	152.6	184.8
091 Helsinki-Helsingfors	1.0	35.5	143.8	206.9	255.5	265.8	254.2	240.8	209.1	171.9
092 Vantaa-Vanda	5.6	35.3	143.2	215.6	263.0	269.1	242.0	240.7	199.4	159.6
149 Ingå-Inkoo	11.9	38.0	146.3	210.1	237.5	254.7	248.3	213.2	193.6	174.9
235 Kauniainen-Grankulla	1.4	43.3	147.6	195.5	241.9	248.8	223.2	222.2	188.7	185.5
257 Kirkkonummi-Kyrkslätt	5.4	39.1	143.7	200.4	234.1	252.5	234.1	204.7	194.3	167.0
322 Kemiönsaari	1.4	28.0	115.8	187.4	209.4	224.0	199.6	218.1	131.2	156.3
407 Lapinjärvi-Lappträsk	9.1	32.8	134.6	207.4	240.3	241.6	281.0	232.0	179.5	168.5
434 Loviisa-Lovisa	10.6	29.5	130.1	201.1	239.0	212.8	268.4	212.4	200.4	157.0
445 Länsi-Turunmaa	2.7	32.9	109.7	187.7	207.8	231.0	210.6	188.1	153.6	162.3
638 Porvoo-Borgå	4.6	29.6	127.0	199.8	240.2	215.7	231.8	199.9	192.6	155.6
710 Raasepori	14.3	35.7	142.9	209.9	231.9	246.0	223.2	233.0	175.6	177.3
753 Sipoo-Sibbo	3.4	37.9	134.2	207.4	248.6	270.2	244.8	235.9	207.7	175.2
755 Siuntio-Sjundeå	8.6	36.9	140.5	207.2	235.9	266.1	220.0	197.2	191.9	154.5
Total	7.5	33.3	133.1	202.0	230.9	237.4	227.8	212.8	179.5	165.7
Rannikko/Pohjanmaan rannikko										
231 Kaskinen-Kaskö	1.1	21.5	119.9	145.9	169.1	199.9	232.5	183.9	133.0	122.2
272 Kokkola-Karleby Rannikko	0.3	24.4	103.9	161.8	171.9	209.7	212.0	241.4	193.7	130.1
280 Korsnäs	4.2	22.4	117.2	152.1	180.4	198.3	207.7	230.1	189.7	131.0
287 Kristinestad-	3.4	22.7	119.0	151.4	190.0	214.2	218.7	226.0	188.6	138.5
288 Kronoby-Kruunupyy	0.6	21.0	98.6	131.3	159.9	179.7	176.9	179.9	178.2	120.7
440 Larsmo-Luoto	2.7	23.2	109.2	153.2	176.9	202.9	191.9	195.9	175.3	127.4
475 Malax-Maaltahti	4.1	22.9	114.7	143.6	179.1	198.2	201.2	216.0	180.3	129.1
499 Korsholm-Mustasaari	3.1	22.2	121.4	155.0	193.2	208.2	225.0	228.1	194.1	140.0
545 Närpes-Närpiö	3.5	21.3	121.3	146.8	175.7	192.3	200.0	212.4	183.7	130.8
598 Jakobstad-Pietarsaari	3.9	22.9	106.5	150.2	170.8	195.5	188.3	192.7	167.1	120.6
599 Pedersöre-Pedersören kunta	0.8	22.2	104.1	141.4	162.1	176.3	184.9	200.7	182.5	125.7
893 Nykarleby-Uusikaarlepyy	1.9	22.9	108.8	146.7	165.9	175.5	184.6	204.1	181.7	126.6
905 Vaasa-Vasa	4.8	24.2	119.7	151.0	192.5	211.6	223.6	227.3	191.8	137.0
946 Vörå-Vöyri	2.1	20.8	109.5	146.1	184.5	188.8	203.5	206.6	176.4	121.8
Total	2.5	22.2	112.5	147.0	175.5	192.3	201.8	211.9	184.3	129.5
Lounais-Suomi										
019 Aura	0.0	28.2	120.9	180.5	232.0	250.0	250.9	249.6	215.2	155.8
050 Eura	0.0	28.0	112.1	167.8	210.2	224.9	227.5	203.6	179.0	149.7
051 Eurajoki	1.3	23.4	110.0	167.6	208.2	244.2	247.5	205.3	209.7	153.5
079 Harjavalta	1.4	25.3	118.2	162.9	198.2	222.6	233.6	196.7	170.0	150.1
099 Honkajoki	1.8	26.4	92.8	128.0	168.3	169.3	174.1	181.0	138.1	126.5
102 Huittinen	0.4	29.1	132.7	183.6	214.9	255.3	252.2	246.7	163.1	153.5
181 Jämijärvi	0.9	18.9	100.4	150.5	170.2	204.7	184.5	206.2	169.1	126.0
202 Kaarina	4.3	28.3	117.8	195.0	224.4	234.6	219.0	221.7	180.0	155.0
214 Kankaanpää	0.2	21.3	107.2	141.1	163.6	190.2	180.0	205.7	179.2	128.7
230 Karvia	1.3	17.2	78.1	116.0	148.7	150.7	161.3	180.3	146.8	114.7
271 Kokemäki	0.7	27.1	121.5	170.8	207.3	239.9	238.5	211.9	149.9	146.7
284 Koski T.I.	0.1	29.8	137.5	193.0	248.6	299.8	239.9	282.1	222.7	168.1
304 Kustavi	5.4	32.4	105.9	156.8	188.8	193.8	201.7	187.3	153.5	149.0
319 Köyliö	0.4	29.6	116.2	169.2	194.3	229.5	223.5	206.9	171.4	154.7
400 Laitila	0.0	30.9	104.5	162.8	208.2	224.5	217.3	204.9	142.9	150.7
413 Luvia	0.1	27.1	121.6	167.8	209.6	247.1	265.4	226.2	209.7	152.5
423 Lieto	0.4	29.7	109.9	179.1	233.3	267.1	231.9	233.2	230.6	164.7
430 Loimaa	0.6	31.1	139.8	186.8	224.9	281.6	258.4	261.4	155.4	163.2
442 Luvia	0.2	23.5	115.5	169.7	207.5	243.1	256.2	195.2	184.8	155.2
480 Marttila	0.9	28.2	128.9	179.5	221.8	263.2	238.7	267.6	242.0	162.9
481 Masku	0.0	31.4	113.5	182.7	219.5	232.2	219.1	232.1	165.2	155.9
484 Merikarvia	2.3	27.8	125.5	176.3	215.6	247.3	231.1	218.0	178.5	155.7
503 Mynämäki	0.0	33.3	113.1	165.8	216.0	240.5	231.8	220.5	186.0	162.3
529 Naantali	1.0	35.0	103.6	178.8	203.2	211.5	200.8	191.8	142.8	155.3
531 Nakkila	0.0	22.1	113.1	168.6	203.4	237.9	255.2	209.0	204.2	149.7
538 Nousiainen	0.0	31.9	114.6	166.3	224.0	246.1	238.0	226.7	214.5	163.4
561 Oripää	1.6	26.0	121.6	166.5	202.1	237.3	219.2	219.2	177.6	150.5
577 Paimio	5.0	27.2	120.9	186.2	219.6	225.6	203.1	209.9	180.8	158.5
608 Pomarkku	0.3	25.6	117.2	163.4	204.7	244.6	262.2	212.3	188.7	159.6
609 Pori	1.2	26.3	118.2	169.6	210.6	243.1	250.5	205.7	178.0	155.6

Table 4d. The mean volume of growing stock in age classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Open regeneration site	m ³ /ha								Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	
631 Pyhäranta	0.1	29.7	109.2	169.4	216.1	244.3	232.7	226.0	178.3	157.8
636 Pöytyä	0.8	29.5	116.4	164.8	202.3	229.7	219.5	234.1	183.3	157.7
680 Raisio	0.2	26.1	116.2	189.3	219.9	230.3	208.6	221.7	191.2	153.5
684 Rauma	0.3	26.3	108.0	158.5	202.5	223.5	221.6	193.9	182.6	150.2
704 Rusko	0.0	33.0	117.0	172.9	232.9	245.2	242.9	234.5	222.0	171.9
734 Salo	9.0	28.8	134.8	194.6	227.5	240.7	212.9	214.9	186.9	165.3
738 Sauvo	4.6	28.9	118.8	187.9	217.6	219.7	205.8	219.9	177.2	154.5
747 Siikainen	1.5	29.6	108.3	151.2	190.2	210.8	208.8	197.6	164.9	143.7
761 Somero	5.4	33.4	146.3	203.7	248.0	288.4	239.0	258.5	195.2	174.1
783 Säkylä	0.2	28.5	115.0	169.9	193.1	224.5	226.2	213.1	170.4	147.3
833 Taivassalo	1.1	32.5	105.1	162.2	194.3	196.0	208.3	209.9	151.9	146.2
838 Tarvasjoki	0.2	28.0	126.1	193.6	232.6	262.1	251.2	238.2	232.4	164.2
853 Turku-Abo	0.1	28.6	113.9	181.8	230.0	256.4	226.8	236.9	178.9	161.0
886 Ulvila	0.2	25.4	114.0	162.3	208.5	239.3	257.2	207.7	205.4	156.8
895 Uusikaupunki	1.4	32.3	105.3	163.3	200.5	213.1	212.1	204.0	137.4	149.7
918 Vehmaa	0.1	31.8	105.1	171.4	194.1	214.5	216.1	237.6	111.3	140.3
Total	1.6	28.0	118.4	169.5	207.3	230.9	221.7	214.9	173.5	152.9
Häme-Uusimaa										
016 Asikkala	0.0	33.2	133.6	212.0	265.8	287.0	281.9	283.5	236.5	171.7
018 Askola	2.9	30.4	127.4	200.0	236.9	252.9	235.4	237.8	201.7	150.9
061 Forssa	1.9	29.9	134.4	194.2	244.5	287.1	254.8	280.7	196.7	172.1
081 Hartola	3.3	29.2	132.9	211.0	255.5	269.4	271.1	254.4	200.3	167.8
082 Hattula	3.9	33.2	148.2	207.7	248.5	271.3	231.2	220.2	209.7	167.9
086 Hausjärvi	4.7	33.6	128.4	198.9	239.1	262.2	241.4	250.3	203.3	157.7
098 Hollola	3.2	31.3	129.6	204.8	261.7	280.7	259.6	272.3	240.4	163.7
103 Humpplila	0.3	28.7	141.7	194.5	239.6	279.5	271.5	269.1	144.5	159.7
106 Hyvinkää	3.9	35.9	132.5	197.9	236.8	266.1	236.9	230.0	199.8	161.6
109 Hämeenlinna	3.7	31.2	139.6	203.0	250.6	280.0	247.7	248.5	217.4	172.0
111 Heinola	0.1	29.8	132.4	203.0	252.1	270.1	281.7	261.8	213.9	169.7
165 Janakkala	4.4	34.7	137.9	200.0	245.9	281.4	241.2	251.4	208.9	167.3
169 Jokioinen	1.1	31.3	146.5	200.7	254.2	315.6	279.0	310.4	156.9	170.8
186 Järvenpää	3.2	32.7	137.6	213.4	265.7	274.2	239.3	264.3	220.7	150.3
224 Karkkila	7.2	37.0	141.0	204.9	243.2	288.3	253.8	225.1	205.3	168.7
245 Kerava	4.8	33.4	141.6	214.2	259.6	263.7	242.5	236.4	202.2	162.0
283 Hämeenkoski	5.7	29.3	128.1	206.6	258.3	283.9	250.3	275.3	219.0	160.2
316 Kärkölä	6.3	30.8	126.0	200.6	245.7	266.9	236.1	263.3	219.4	148.1
398 Lahti	4.1	32.5	128.5	212.5	261.9	281.5	281.4	272.0	230.2	159.0
433 Loppi	5.7	35.7	138.9	200.9	239.4	282.2	242.4	231.4	183.2	163.9
444 Lohja	9.7	36.9	146.9	208.6	244.7	274.4	233.7	234.6	194.0	160.1
504 Myrskylä-Mörskom	6.4	31.1	127.0	198.6	240.1	230.8	258.5	247.0	171.2	149.8
505 Mäntsälä	4.0	31.9	126.7	203.1	239.8	267.9	238.3	257.6	211.1	156.3
532 Nastola	8.2	32.5	131.0	213.7	236.6	248.1	292.8	260.8	200.2	155.6
543 Nurmijärvi	5.6	35.8	132.8	202.3	243.0	264.7	240.5	222.2	199.2	144.9
560 Orimattila	4.1	29.8	126.4	202.1	242.1	246.9	256.9	253.5	204.4	145.5
576 Padasjoki	0.0	32.7	136.3	204.1	255.3	280.1	254.1	269.0	238.8	179.9
611 Pornainen	1.8	38.3	131.7	201.2	238.4	260.3	235.3	222.6	212.2	163.3
616 Pukkila	4.5	32.5	126.7	199.5	233.3	250.4	226.9	258.1	218.6	143.5
694 Riihimäki	5.1	34.1	134.4	201.6	242.2	284.4	241.8	235.6	207.1	157.5
781 Sysmä	0.8	28.5	131.4	209.9	259.1	275.2	277.6	265.5	217.9	167.3
834 Tammela	3.3	34.2	144.4	203.4	240.5	272.5	237.6	226.4	181.0	174.5
858 Tuusula	4.7	36.1	133.3	205.9	249.8	269.6	240.6	244.4	214.1	149.3
927 Vihti	6.8	37.7	140.3	204.0	244.2	274.6	239.0	227.7	205.1	163.2
981 Ypäjä	0.7	30.4	138.8	194.0	259.4	311.2	261.4	299.3	166.7	176.6
Total	3.8	32.6	135.6	204.4	248.6	274.6	253.5	251.7	207.7	164.7
Kaakkois-Suomi										
075 Hamina	10.4	23.0	119.6	169.0	212.3	241.2	270.4	246.3	233.9	143.8
142 Iitti	6.9	30.5	133.5	206.5	238.3	259.2	285.0	248.6	203.5	171.0
153 Imatra	12.4	25.4	128.6	190.0	244.9	266.9	277.0	271.4	272.6	158.0
285 Kotka	17.2	23.8	123.6	171.6	207.7	250.2	274.6	258.6	240.1	140.5
286 Kouvolaa	4.4	29.2	130.9	193.0	238.0	249.9	275.6	238.1	209.5	165.3
405 Lappeenranta	15.9	23.4	122.0	174.8	218.8	246.7	258.7	239.1	230.6	147.8
416 Lemi	7.7	25.0	120.6	178.3	230.7	256.1	259.8	238.4	244.4	145.7
441 Luumäki	58.7	25.2	121.5	168.5	211.4	230.1	261.5	238.2	206.9	149.2
489 Miehikkälä	7.9	23.3	118.4	166.3	213.7	236.6	260.2	239.4	236.2	148.1
580 Parikkala	8.2	27.1	134.7	198.8	238.3	256.4	265.5	215.5	231.2	154.4
624 Pyhtää-Pyttis	9.0	29.4	129.1	194.1	223.9	234.8	264.0	224.5	232.6	153.9
689 Rautjärvi	5.9	20.1	125.6	181.9	226.7	255.1	260.7	259.3	252.3	132.7
700 Ruokolahti	5.6	23.8	123.0	177.5	218.3	248.7	252.8	233.2	228.8	152.8
739 Savitaipale	8.8	23.9	119.8	172.2	218.5	241.9	251.8	214.2	195.8	145.2
831 Taipalsaari	4.8	24.2	118.1	172.5	215.1	242.0	247.4	194.3	187.7	143.2
935 Virolahti	7.3	22.2	120.8	166.6	209.0	244.4	265.7	231.2	224.1	145.3
Total	7.5	25.2	125.4	181.8	224.6	246.4	264.1	235.8	218.6	152.8
Pirkanmaa										
020 Akaa	0.0	28.3	133.3	193.4	236.7	274.5	262.2	261.1	205.1	166.5
108 Hämeenkyrö	0.2	26.6	122.1	184.8	229.1	246.0	246.0	241.2	194.7	151.9
143 Ikaalinen	1.5	23.4	109.0	162.7	191.9	218.8	209.8	243.5	173.7	139.0
177 Juupajoki	0.4	24.7	109.4	178.1	216.6	248.9	267.3	272.5	226.1	151.0
211 Kangasala	0.4	32.0	127.3	196.9	249.0	276.0	244.9	248.2	179.7	175.4
250 Kihniö	1.0	16.4	91.2	131.6	160.2	158.6	171.7	178.9	184.7	123.4
418 Lempäälä	0.3	30.5	131.1	198.5	250.2	283.2	259.5	264.4	165.8	170.8
508 Mänttä-Vilppula	1.9	24.6	121.6	176.2	219.0	251.7	257.9	249.3	209.1	151.9
536 Nokia	0.5	32.5	129.1	195.5	243.2	271.4	259.3	233.0	154.2	162.3

Table 4d. The mean volume of growing stock in age classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	m ³ /ha								Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	
Municipality										
562 Orivesi	0.3	27.4	119.4	191.4	240.3	263.3	263.9	258.6	201.9	166.1
581 Parkano	1.3	17.9	94.7	127.7	160.8	163.2	169.5	181.9	165.4	121.4
604 Pirkkala	0.7	31.3	131.4	202.4	254.0	287.0	249.6	243.8	150.9	159.2
619 Punkalaidun	0.2	33.1	136.9	191.9	241.7	278.3	269.5	259.8	162.3	166.9
635 Pälkäne	0.4	29.1	140.7	205.4	260.0	286.5	251.1	265.9	263.9	183.3
702 Ruovesi	1.3	23.2	113.3	182.3	212.0	241.7	249.9	254.1	186.5	152.1
790 Sastamala	0.0	30.9	124.8	178.1	233.2	267.3	276.5	225.2	180.1	158.2
837 Tampere	0.4	29.7	123.3	191.6	235.4	277.4	255.3	259.1	180.4	169.0
887 Urjala	0.0	30.7	133.5	198.3	246.6	274.5	260.1	249.8	190.9	169.4
908 Valkeakoski	0.4	31.9	144.5	204.3	258.7	292.3	267.7	242.4	239.5	173.2
922 Vesilähti	0.0	31.4	132.0	199.9	252.1	287.6	265.5	262.0	162.6	174.2
936 Virrat	2.3	19.4	101.2	144.1	173.4	187.9	196.2	205.0	187.0	130.3
980 Ylöjärvi	2.0	24.7	108.2	170.5	198.9	226.2	239.6	217.4	167.6	148.1
Total	0.8	26.2	118.5	175.4	216.3	237.5	234.5	229.9	185.3	153.1
Etelä-Savo										
046 Enonkoski	7.1	26.5	126.1	187.3	230.7	269.2	280.6	264.2	237.6	154.2
090 Heinävesi	2.9	27.1	124.2	179.2	213.8	252.6	275.5	287.6	202.9	154.5
097 Hirvensalmi	7.2	30.3	129.2	198.0	249.4	261.9	264.5	247.9	199.0	159.6
171 Joroinen	10.5	28.0	123.2	181.4	226.1	251.4	274.7	283.0	240.6	150.7
178 Juva	16.8	28.0	125.2	185.0	227.4	251.4	274.4	248.2	209.5	158.5
213 Kangasniemi	8.9	26.6	120.6	184.6	222.1	255.7	259.4	249.7	221.8	147.5
491 Mikkele	11.8	28.5	124.9	189.5	235.8	254.1	266.1	237.6	203.4	161.0
507 Mäntyharju	1.9	29.8	130.3	193.0	243.7	245.6	267.1	241.4	198.3	165.8
588 Pertunmaa	0.6	31.1	129.8	211.3	260.1	265.5	279.1	273.7	211.5	166.2
593 Pieksämäki	4.6	23.3	118.1	168.7	198.3	223.0	254.7	267.9	224.5	142.3
623 Puumala	6.7	24.8	114.0	170.1	216.6	239.3	245.1	201.7	189.8	146.7
681 Rantasalmi	8.9	28.1	124.6	186.6	229.3	260.5	283.4	267.4	233.8	147.2
740 Savonlinna	5.8	25.7	125.3	184.6	225.5	259.7	264.8	227.1	225.4	152.3
768 Sulkava	3.9	22.4	117.4	173.4	218.0	250.6	252.4	224.0	211.0	135.6
Total	6.7	26.8	123.5	183.6	226.5	250.9	265.1	249.7	212.6	153.4
Etelä-Pohjanmaa										
005 Alajärvi	0.1	15.0	85.2	122.1	139.4	158.9	160.9	157.9	173.9	113.5
010 Alavus	0.7	15.4	85.2	125.8	157.5	160.8	177.1	179.1	175.7	119.1
052 Evijärvi	1.0	19.8	90.3	112.0	147.6	166.5	163.9	165.2	168.3	110.9
074 Halsua	0.5	14.8	78.7	103.0	115.2	141.5	142.3	155.9	131.3	100.0
145 Ilmajoki	0.3	17.1	99.0	133.5	164.1	165.9	181.4	196.4	158.2	118.3
151 Isojoki	0.5	21.8	102.3	136.2	156.6	174.2	184.2	183.5	192.9	129.6
152 Isokyrö	0.8	23.1	104.1	139.0	157.9	169.1	193.8	196.8	168.9	117.0
164 Jalasjärvi	2.0	15.9	85.9	124.1	150.6	153.9	166.5	186.4	166.6	114.3
217 Kannus	1.3	18.2	82.3	109.7	130.7	153.7	152.1	151.1	144.6	110.5
218 Karijoki	2.1	21.6	110.3	141.1	154.8	179.0	201.9	202.0	183.4	128.2
232 Kauhajoki	3.9	19.1	92.0	117.1	137.1	150.8	165.7	182.9	139.9	114.3
233 Kauhava	1.1	17.2	92.6	125.7	158.8	165.9	174.5	171.3	155.8	113.1
236 Kaustinen	0.7	20.6	89.2	118.0	131.9	156.1	159.8	152.5	150.2	114.2
272 Kokkola-Karleby E-Pohjanmaa	0.4	16.5	91.1	115.7	133.9	160.0	160.1	157.9	149.0	109.4
300 Kuortane	0.6	16.0	88.0	126.8	158.8	169.5	182.8	188.8	178.0	120.6
301 Kurikka	4.0	21.1	103.7	135.7	156.3	179.4	187.3	209.4	168.4	122.1
399 Laihia	2.6	25.0	115.2	137.7	173.2	190.0	196.2	215.8	177.4	133.4
403 Lappajärvi	0.5	18.6	88.0	121.8	149.2	166.2	166.2	164.2	163.4	115.8
408 Lapua	1.3	17.1	98.8	133.9	163.9	165.3	182.6	192.8	169.9	125.2
421 Lestijärvi	1.1	16.0	91.0	117.4	130.0	148.9	155.4	158.7	146.8	106.7
584 Perho	0.1	15.4	87.4	112.8	122.8	140.5	151.0	154.9	143.3	107.9
743 Seinäjoki	0.6	16.5	94.9	129.3	156.7	158.5	167.4	174.9	156.0	112.2
759 Soini	0.1	15.5	89.0	129.0	136.2	155.4	164.1	152.9	173.8	117.2
846 Teuva	6.2	21.8	109.3	137.1	156.9	176.5	195.7	213.5	178.6	127.0
849 Toholampi	0.2	15.8	82.9	114.2	123.6	152.1	157.7	169.4	144.1	106.0
924 Veteli	0.4	18.5	88.5	116.2	130.7	158.2	153.0	151.4	162.5	112.2
934 Vimpeli	0.2	18.0	91.4	123.6	132.6	158.8	164.6	165.5	175.2	113.8
989 Ähtäri	0.0	18.1	95.0	136.9	152.6	167.4	179.9	181.6	193.6	124.2
Total	1.0	17.8	93.3	125.0	145.3	161.2	170.3	176.9	162.7	116.1
Keski-Suomi										
077 Hankasalmi	1.8	22.2	120.8	175.0	205.6	236.6	265.2	276.0	213.8	138.8
172 Joutsa	15.4	28.7	126.3	193.1	234.7	261.7	251.4	250.7	187.2	153.9
179 Jyväskylä	1.5	24.1	124.7	187.8	231.3	263.2	266.1	271.4	208.5	151.0
182 Jämsä	0.6	25.5	121.7	182.4	229.2	253.6	259.7	252.2	216.0	155.4
216 Kannonkoski	0.3	17.5	98.9	151.4	173.3	188.4	213.5	170.8	190.3	130.0
226 Karstula	0.1	17.3	92.1	139.3	146.1	165.7	182.3	159.9	180.6	126.1
249 Keuruu	0.7	23.3	113.6	158.2	182.6	203.2	215.2	214.7	206.7	138.1
256 Kinnula	0.7	16.4	94.3	128.8	144.9	163.9	172.4	167.5	154.7	118.5
265 Kivijärvi	0.1	14.5	94.7	138.8	150.3	170.0	175.2	169.5	175.1	117.3
275 Konnevesi	0.5	18.2	116.2	172.9	207.9	246.2	261.1	239.5	203.6	129.6
291 Kuhmoinen	1.3	26.2	126.4	193.0	249.4	265.8	265.2	253.4	211.7	161.6
312 Kyyjärvi	0.0	14.9	88.5	123.1	130.8	145.0	161.4	149.8	154.1	114.7
410 Laukaa	1.4	22.0	118.2	181.7	217.2	257.6	275.3	272.6	198.2	145.3
435 Luhanka	1.8	28.3	133.6	203.2	255.5	273.4	271.7	265.6	207.7	162.3
495 Multia	0.0	21.9	107.7	149.7	157.8	181.5	192.3	205.1	204.8	134.5
500 Muurame	1.2	25.2	128.0	197.3	244.8	270.8	269.5	282.3	211.3	151.9
592 Petäjävesi	0.2	23.1	118.0	169.9	198.2	237.1	236.4	259.5	207.0	144.9
601 Pihtipudas	0.8	17.1	96.3	144.1	152.8	175.9	176.7	176.8	177.0	126.1
729 Saarijärvi	0.2	21.9	98.5	150.2	174.4	194.6	211.3	188.5	210.3	134.5
850 Toivakka	4.7	24.5	122.3	184.8	225.1	257.4	265.4	259.3	207.2	150.7
892 Uurainen	0.4	22.4	103.0	156.1	177.7	214.8	218.4	211.4	219.8	136.5

Table 4d. The mean volume of growing stock in age classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	m ³ /ha								Forest land total
		1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	
Municipality										
931 Viitasaari	0.7	20.5	105.5	159.0	186.4	206.5	214.4	199.7	202.5	133.5
992 Äänekoski	0.5	22.9	106.8	165.0	206.0	245.5	235.1	223.6	218.9	146.5
Total	1.2	22.3	112.1	163.6	189.7	216.1	223.0	215.1	197.7	139.7
Pohjois-Savo										
140 Iisalmi	0.7	26.2	110.1	166.9	199.5	217.9	252.3	289.1	192.6	131.4
174 Juankoski	1.7	26.8	115.3	174.3	199.6	228.9	271.6	301.3	220.1	142.3
204 Kaavi	1.2	21.3	114.3	167.2	181.5	196.7	239.3	279.4	205.1	140.1
239 Keitele	1.1	20.9	106.7	162.6	176.7	200.3	218.4	210.4	203.4	139.5
263 Kiuruvesi	3.3	20.0	101.3	148.7	158.5	171.7	185.7	229.9	197.7	120.3
297 Kuopio	1.8	25.7	118.1	179.3	226.1	258.6	280.1	298.7	231.9	150.3
402 Lapinlahti	1.1	26.2	113.0	165.8	189.3	210.4	243.2	271.0	223.5	135.6
420 Leppävirta	3.7	26.8	120.7	179.0	235.0	266.5	289.2	287.7	227.5	154.4
476 Maaninka	0.3	25.7	116.2	175.1	227.2	255.2	273.9	281.0	253.6	140.2
595 Pielavesi	1.5	22.4	112.6	166.1	185.8	212.8	241.7	255.0	211.6	141.5
686 Rautalampi	0.9	22.2	122.0	172.5	207.9	233.6	246.0	284.2	214.7	137.4
687 Rautavaara	1.6	16.7	103.3	140.2	142.2	156.4	183.5	221.6	197.5	123.0
749 Siilinjärvi	1.2	25.6	117.3	178.4	234.3	272.6	280.8	301.3	230.6	138.2
762 Sonkajärvi	5.1	17.6	99.7	142.5	140.5	156.0	176.4	221.8	205.2	117.6
778 Suonenjoki	1.8	20.7	119.7	171.8	207.5	230.3	248.6	286.3	228.1	142.2
844 Tervo	0.8	26.7	118.1	177.3	223.7	247.2	261.3	271.5	237.8	141.5
857 Tuusniemi	2.9	26.3	119.2	185.1	219.6	261.8	292.9	317.8	174.4	152.8
915 Varkaus	6.1	28.3	127.3	187.1	237.3	269.8	284.8	276.1	248.4	160.6
921 Vesanto	1.0	23.2	113.9	174.2	202.6	231.0	254.6	268.5	216.6	144.0
925 Vieremä	6.6	18.7	97.0	143.4	149.6	165.5	185.1	216.6	224.3	120.1
Total	2.1	23.3	112.6	164.2	184.8	211.5	243.0	267.9	215.3	137.4
Pohjois-Karjala										
146 Ilomantsi	1.8	17.1	105.7	146.2	135.5	161.8	195.5	212.4	235.7	122.7
167 Joensuu	3.6	20.6	113.1	173.7	177.0	213.8	238.9	277.8	183.0	136.2
176 Juuka	1.3	17.9	108.6	150.6	158.1	188.2	210.9	242.2	189.8	134.2
260 Kitee	7.3	28.6	129.4	180.2	208.3	240.3	246.2	232.4	230.4	150.7
276 Kontiolahti	3.5	19.8	110.2	176.7	173.9	213.1	224.1	295.1	176.7	137.4
309 Outokumpu	2.7	22.7	116.5	179.5	181.2	211.9	237.0	297.3	163.1	146.1
422 Lieksa	2.4	15.5	103.1	142.9	138.0	183.7	198.2	222.4	213.6	124.1
426 Liperi	3.3	27.4	121.5	190.0	200.0	249.5	269.1	325.2	185.3	148.2
541 Nurmes	1.9	15.7	101.8	135.1	142.4	167.1	200.2	216.3	211.8	121.6
607 Polvijärvi	2.1	21.3	108.8	164.8	167.0	191.4	212.6	277.7	159.4	134.4
707 Rääkkylä	4.7	28.4	126.2	185.4	202.6	247.5	265.0	250.2	221.9	148.0
848 Tohmajärvi	5.7	25.6	122.7	172.0	180.4	214.1	234.7	250.9	212.4	142.0
911 Valtimo	3.0	16.3	99.9	136.2	143.3	163.1	196.4	210.7	214.4	120.1
Total	2.8	20.0	110.6	156.8	156.5	192.5	219.6	243.7	208.9	131.8
Kainuu										
105 Hyrynsalmi	5.1	10.9	81.3	110.6	101.9	121.7	141.7	181.4	193.0	95.8
205 Kajaani	11.9	13.8	87.1	127.7	124.3	135.7	157.9	184.0	175.5	109.0
290 Kuhmo	2.2	11.6	87.2	112.3	108.4	130.0	141.7	205.4	202.6	104.2
578 Paltamo	7.9	13.2	85.9	128.3	124.3	132.1	175.7	187.7	196.1	103.8
620 Puolanka	8.9	10.5	75.6	106.4	100.2	114.4	139.8	153.1	174.6	88.3
697 Ristijärvi	7.2	12.3	82.2	122.1	118.3	128.4	162.1	190.3	205.3	101.2
765 Sotkamo	4.5	13.9	91.7	130.6	127.8	141.5	165.6	212.6	209.9	113.5
777 Suomussalmi	2.0	10.2	76.3	100.0	88.1	107.0	120.7	176.6	177.6	87.4
785 Vaala	11.6	14.0	64.6	94.7	101.2	115.3	145.9	123.0	120.6	87.3
Total	5.2	11.8	82.3	113.7	107.3	123.9	143.9	184.2	188.9	98.6
Pohjois-Pohjanmaa										
009 Alavieska	4.2	18.2	86.5	113.3	139.7	160.7	169.8	171.4	133.6	116.5
069 Haapajärvi	1.9	16.8	93.2	128.4	141.2	159.3	160.5	177.9	148.8	116.9
071 Haapavesi	4.7	15.3	81.5	112.3	133.2	154.4	137.0	135.9	122.9	106.3
072 Halluoto	1.3	14.0	61.9	112.5	127.3	148.4	136.0	157.3	96.7	84.4
208 Kalajoki	2.3	18.8	91.0	117.3	144.6	171.6	162.4	169.3	145.1	115.8
139 Ii	0.9	17.8	56.0	90.9	93.3	108.0	113.5	122.5	105.1	80.7
244 Kempele	7.1	15.5	78.9	112.2	135.1	151.6	162.8	148.9	131.2	102.3
305 Kuusamo	1.7	13.6	65.1	87.3	83.2	104.7	120.1	137.2	139.1	82.9
317 Kärsämäki	2.0	15.8	87.8	119.9	129.2	149.1	153.8	161.2	156.8	108.2
425 Liminka	4.9	15.4	71.8	99.1	115.2	131.5	138.0	134.0	124.3	94.4
436 Lumijoki	2.4	17.8	79.6	110.2	123.9	151.5	142.1	145.9	151.8	100.7
483 Merijärvi	3.5	14.6	86.7	115.4	139.4	162.6	169.0	180.8	143.3	114.3
494 Muhos	3.6	15.0	57.7	92.0	109.2	125.2	134.0	121.7	100.5	87.4
535 Nivala	3.0	16.7	91.0	131.5	148.2	174.1	181.8	185.5	149.3	119.1
563 Oulainen	3.0	13.8	79.8	116.6	136.9	159.9	154.5	158.9	142.2	107.7
564 Oulu	1.2	21.4	64.7	98.1	113.3	132.1	125.8	131.9	111.2	96.5
615 Pudasjärvi	4.4	12.1	70.8	91.2	88.4	106.5	116.9	139.2	130.9	83.7
625 Pyhäjoki	6.3	17.8	86.4	108.7	140.3	162.0	149.3	152.3	132.7	109.4
626 Pyhäsalmi	3.2	16.4	89.8	133.1	136.5	151.5	142.9	169.5	163.6	111.8
630 Pyhäntä	10.0	12.2	78.1	107.8	112.6	122.2	145.1	134.1	169.0	98.2
678 Raahе	4.3	15.2	79.6	104.5	133.0	155.7	143.1	141.4	131.8	106.7
691 Reisjärvi	1.3	18.7	97.1	129.3	142.6	162.2	175.3	177.4	150.0	120.8
746 Sievi	1.0	13.9	82.7	114.2	124.2	149.1	158.5	158.5	134.1	106.2
748 Siikajoki	2.7	15.4	81.2	108.6	127.0	145.1	150.5	132.8	132.0	102.9
791 Siikalatva	6.4	15.6	77.5	102.7	113.6	129.9	139.8	137.3	139.2	98.9
832 Taivalkoski	1.8	11.1	69.2	95.9	85.6	101.4	123.3	156.8	154.3	85.5
859 Tyrnävä	3.7	15.8	68.9	102.0	115.9	131.6	141.6	138.4	136.4	96.5
889 Utajärvi	18.9	12.5	60.9	92.7	100.2	112.1	134.9	119.6	113.0	87.6
977 Ylivieska	2.3	14.9	83.7	121.3	138.0	160.5	168.9	174.2	138.9	113.7
Total	3.7	15.0	73.8	101.9	110.1	130.1	137.4	145.0	137.4	95.5

Table 4d. The mean volume of growing stock in age classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	1-20 yrs	21-40 yrs	41-60 yrs	61-80 yrs	81-100 yrs	101-120 yrs	121-140 yrs	141+ yrs	Forest land total
Municipality		m ³ /ha								
Lapland										
047 Enontekiö	14.8	26.6	27.9	50.2	45.2	53.1	65.0	46.5	82.7	62.1
148 Inari	0.4	16.6	27.5	37.6	55.0	66.5	69.3	77.6	88.5	68.5
240 Kemi	0.0	21.3	66.0	103.9	122.8	120.4	123.8	109.0	141.4	87.8
241 Keminmaa	0.0	17.6	62.3	104.6	95.1	112.1	138.6	95.2	142.9	87.4
261 Kittilä	1.3	17.1	50.4	66.6	70.3	76.1	80.9	91.6	86.3	66.6
273 Kolari	2.1	16.9	55.1	69.3	76.7	80.2	104.7	105.7	89.8	70.1
320 Kemijärvi	1.2	10.0	65.5	72.0	74.7	83.0	107.1	127.4	123.1	73.7
498 Muonio	4.6	15.3	28.4	67.4	59.0	70.8	87.0	93.0	100.5	68.1
583 Pelkosenniemi	3.4	13.3	63.2	76.2	75.1	84.1	91.3	109.7	100.1	69.3
614 Posio	1.2	12.6	58.5	85.4	79.6	93.7	107.5	121.5	118.1	76.7
683 Ranua	6.2	16.5	63.8	85.5	83.3	99.8	117.2	134.6	104.1	80.4
698 Rovaniemi	9.5	15.6	49.0	78.7	84.9	95.8	109.1	101.8	108.5	75.7
732 Salla	2.7	14.8	54.9	79.4	70.0	83.3	77.8	100.0	95.0	69.7
742 Savukoski	4.6	14.1	43.9	64.2	63.9	71.2	72.5	78.2	85.8	57.9
751 Simo	9.7	18.1	55.8	87.7	84.6	95.9	113.3	112.3	104.7	77.8
758 Sodankylä	3.1	14.2	44.5	61.3	62.0	69.9	76.1	84.1	82.1	59.6
845 Tervola	2.4	11.9	55.9	89.3	96.5	104.9	133.4	122.6	119.9	82.5
851 Tornio	0.0	17.3	56.9	95.5	100.4	111.2	163.0	128.4	111.8	89.1
854 Pello	3.4	14.0	54.1	90.4	85.3	88.5	103.1	109.0	107.2	75.1
890 Utsjoki	-	0.0	0.0	83.5	64.5	31.7	139.4	51.3	76.6	66.2
976 Ylitornio	0.7	14.4	47.2	86.5	77.0	97.2	119.3	114.5	106.9	72.1
Total	3.4	14.8	52.0	75.2	75.0	81.7	91.5	99.0	93.0	70.1

Table 5a. Development class distribution on forest land by Forest Centre regions.

Forest Centre region		Open regeneration			Young seedling stand			Advanced seedling stand			Young thinning stand			Advanced thinning stand			Mature stand			Shelterwood stand			Seed tree stand			Forest land total		
	Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
545	Närpes-Närpiö	750	1.2	5 242	8.0	8 741	13.4	20 322	31.1	17 603	27.0	12 518	19.2	40	0.1	101	0.2	65 317	100.0									
548	Jakobstad-Pietarsaari	66	1.2	466	8.3	841	15.1	1 959	35.1	1 384	24.8	863	15.5	2	0.0	7	0.1	5 587	100.0									
599	Pedersöre-Pedersören kunta	688	1.3	3 856	7.0	6 509	11.8	18 850	34.2	17 110	31.0	8 062	14.6	2	0.0	120	0.2	55 198	100.0									
893	Nykarleby-Uusikaarlepyy	749	1.5	3 515	7.1	6 224	12.5	16 499	33.1	14 715	29.5	8 002	16.1	29	0.1	86	0.2	49 819	100.0									
905	Vaasa-Vasa	215	1.1	1 438	7.2	2 662	13.3	6 498	32.4	5 265	26.3	3 912	19.5	8	0.0	30	0.2	20 028	100.0									
946	Vörå-Vöyri	858	1.6	5 016	9.4	7 865	14.8	16 433	30.9	14 053	26.4	8 841	16.6	26	0.1	138	0.3	53 229	100.0									
Total		6 605	1.3	38 486	7.8	64 693	13.1	160 274	32.4	139 240	28.1	84 451	17.1	199	0.0	1 027	0.2	494 975	100.0									
Lounais-Suomi																												
019	Aura	84	2.1	290	7.4	563	14.3	810	20.6	1 386	35.2	727	18.5	17	0.4	56	1.4	3 933	100.0									
050	Eura	366	1.0	2 041	5.8	4 197	11.9	8 589	24.4	12 937	36.8	6 758	19.2	9	0.0	286	0.8	35 182	100.0									
051	Eurajoki	87	0.4	1 541	6.9	2 703	12.0	5 343	23.8	8 543	38.0	4 142	18.4	3	0.0	108	0.5	22 470	100.0									
079	Harjavalta	58	0.8	373	5.2	806	11.2	1 997	27.7	2 769	38.4	1 179	16.4	1	0.0	27	0.4	7 211	100.0									
099	Honkajoki	80	0.4	1 277	6.4	2 224	11.1	5 116	25.6	7 324	36.7	3 836	19.2	18	0.1	85	0.4	19 958	100.0									
102	Huittinen	516	2.0	1 557	5.9	4 081	15.4	6 844	25.9	8 613	32.6	4 656	17.6	35	0.1	143	0.5	26 445	100.0									
181	Jämijärvi	242	1.8	954	7.2	2 036	15.5	3 778	28.7	4 449	33.8	1 692	12.9	0	0.0	19	0.1	13 169	100.0									
202	Kaarina	46	0.7	540	8.0	904	13.4	1 300	19.2	2 501	37.0	1 433	21.2	3	0.0	27	0.4	6 756	100.0									
214	Kankaanpää	1 635	3.5	3 046	6.4	5 603	11.8	12 963	27.3	16 436	34.6	7 683	16.2	5	0.0	96	0.2	47 468	100.0									
230	Karvia	273	0.9	1 799	5.9	3 474	11.4	8 424	27.6	11 098	36.4	5 332	17.5	20	0.1	88	0.3	30 508	100.0									
271	Kokemäki	650	2.2	2 005	6.9	3 944	13.5	7 313	25.1	10 052	34.5	4 959	17.0	17	0.1	224	0.8	29 164	100.0									
284	Koski T.I.	222	2.7	554	6.8	1 179	14.5	1 672	20.6	2 803	34.6	1 566	19.3	74	0.9	40	0.5	8 110	100.0									
304	Kustavi	28	0.3	415	4.6	777	8.7	1 984	22.1	3 167	35.3	2 554	28.5	11	0.1	36	0.4	8 971	100.0									
319	Köyliö	271	1.9	712	4.9	1 478	10.2	3 795	26.1	5 350	36.8	2 890	19.9	2	0.0	59	0.4	14 559	100.0									
255	400 Laitila	255	0.8	1 853	5.8	3 599	11.2	7 873	24.4	12 385	38.4	6 023	18.7	5	0.0	254	0.8	32 246	100.0									
413	Lavia	538	2.2	1 460	6.1	3 352	13.9	6 470	26.8	8 153	33.8	4 050	16.8	4	0.0	100	0.4	24 128	100.0									
423	Lieto	108	1.3	534	6.2	1 124	13.1	1 582	18.5	3 188	37.3	1 907	22.3	14	0.2	99	1.2	8 555	100.0									
430	Loimaa	837	2.5	2 094	6.3	4 791	14.3	7 656	22.9	11 367	34.0	6 464	19.3	136	0.4	122	0.4	33 467	100.0									
442	Luvia	20	0.2	683	5.7	1 343	11.2	3 210	26.8	4 701	39.2	1 988	16.6	2	0.0	44	0.4	11 990	100.0									
480	Marttila	50	0.6	495	5.5	1 276	14.3	2 010	22.5	3 295	36.9	1 658	18.6	96	1.1	55	0.6	8 936	100.0									
481	Masku	68	0.8	579	7.0	1 096	13.3	1 787	21.7	2 878	35.0	1 741	21.2	1	0.0	76	0.9	8 226	100.0									
484	Merikarvia	229	0.7	1 680	4.8	4 812	13.8	9 996	28.7	12 135	34.9	5 908	17.0	14	0.0	23	0.1	34 797	100.0									
503	Mynämäki	249	0.8	1 403	4.6	3 162	10.3	7 298	23.7	12 522	40.6	5 842	19.0	5	0.0	353	1.2	30 893	100.0									
529	Naantali	55	0.3	978	6.0	1 777	10.9	2 974	18.2	5 634	34.5	4 815	29.5	3	0.0	85	0.5	16 320	100.0									
531	Nakkila	18	0.2	653	6.8	1 188	12.4	2 542	26.5	3 577	37.3	1 575	16.4	1	0.0	31	0.3	9 586	100.0									
538	Nousiainen	154	1.5	509	4.9	1 120	10.9	2 186	21.2	4 133	40.1	2 087	20.2	4	0.0	128	1.2	10 320	100.0									
561	Oripää	137	2.7	354	7.0	568	11.2	1 133	22.3	1 817	35.7	1 058	20.8	6	0.1	20	0.4	5 093	100.0									
577	Paimio	99	0.8	866	7.2	1 278	10.6	2 317	19.3	4 718	39.2	2 701	22.5	8	0.1	36	0.3	12 024	100.0									
608	Pomarkku	357	1.5	1 318	5.7	2 721	11.7	5 367	23.1	8 522	36.7	4 849	20.9	2	0.0	81	0.4	23 216	100.0									
609	Pori	240	0.4	3 148	5.8	6 835	12.5	14 692	26.9	20 020	36.7	9 421	17.3	13	0.0	224	0.4	54 593	100.0									
631	Pyhäranta	41	0.4	564	5.7	1 193	12.0	2 249	22.7	3 893	39.3	1 857	18.7	2	0.0	109	1.1	9 907	100.0									
636	Pöytyä	340	0.8	1 744	4.1	4 120	9.7	10 653	25.1	16 296	38.4	8 878	20.9	105	0.3	278	0.7	42 414	100.0									
680	Raisio	17	0.9	165	8.6	254	13.3	367	19.2	633	33.1	464	24.2	0	0.0	13	0.7	1 913	100.0									
684	Rauma	179	0.6	1 757	5.5	3 524	11.1	7 614	23.9	12 251	38.5	6 326	19.9	7	0.0	184	0.6	31 843	100.0									
704	Rusko	60	1.0	252	4.0	628	10.0	1 305	20.7	2 664	42.3	1 335	21.2	4	0.1	47	0.7	6 295	100.0									
734	Salo	1 020	0.9	6 926	6.4	11 188	10.3	22 335	20.6	42 371	39.1	23 994	22.1	232	0.2	376	0.4	108 442	100.0									

Table 5a. Development class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration		Young seedling stand		Advanced seedling stand		Young thinning stand		Advanced thinning stand		Mature stand		Shelterwood stand		Seed tree stand		Forest land total		
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
Municipality																			
738 Sauvo	99	0.8	1 078	8.5	1 417	11.1	2 560	20.1	4 930	38.8	2 578	20.3	7	0.1	55	0.4	12 725	100.0	
747 Siikainen	145	0.4	1 874	5.5	4 173	12.3	8 987	26.4	12 410	36.4	6 373	18.7	15	0.0	83	0.2	34 060	100.0	
761 Somero	422	1.3	2 077	6.2	4 465	13.2	7 606	22.5	12 338	36.6	6 622	19.6	140	0.4	89	0.3	33 760	100.0	
783 Säykylä	380	3.8	590	5.9	1 109	11.1	2 212	22.2	3 552	35.7	2 044	20.6	3	0.0	58	0.6	9 948	100.0	
833 Taivassalo	30	0.5	485	7.1	773	11.4	1 462	21.5	2 323	34.2	1 673	24.6	4	0.1	47	0.7	6 797	100.0	
838 Tarvasjoki	39	0.9	276	6.4	612	14.2	855	19.8	1 617	37.5	864	20.0	25	0.6	31	0.7	4 319	100.0	
853 Turku-Abo	112	1.1	741	7.4	1 325	13.2	1 915	19.0	3 467	34.5	2 385	23.7	5	0.1	112	1.1	10 063	100.0	
886 Ulvila	199	0.7	1 418	5.1	3 216	11.5	7 241	26.0	10 853	38.9	4 896	17.6	3	0.0	64	0.2	27 890	100.0	
895 Uusikaupunki	77	0.3	1 549	5.1	3 582	11.8	7 072	23.2	11 408	37.5	6 579	21.6	15	0.1	176	0.6	30 458	100.0	
918 Vehmaa	59	0.6	873	8.5	1 451	14.2	2 540	24.8	3 364	32.9	1 872	18.3	1	0.0	64	0.6	10 223	100.0	
Total	11 192	1.1	58 080	5.9	117 041	12.0	235 993	24.1	360 845	36.9	190 233	19.4	1 094	0.1	4 811	0.5	979 290	100.0	
Häme-Uusimaa																			
016 Asikkala	530	1.3	2 581	6.3	5 606	13.6	10 814	26.3	14 285	34.7	7 244	17.6	35	0.1	48	0.1	41 143	100.0	
018 Askola	282	2.5	947	8.2	1 667	14.5	2 910	25.3	3 866	33.6	1 741	15.1	36	0.3	56	0.5	11 504	100.0	
061 Forssa	181	1.3	1 009	7.3	1 883	13.7	2 759	20.0	5 152	37.4	2 739	19.9	40	0.3	31	0.2	13 794	100.0	
081 Hartola	647	1.4	3 033	6.8	5 976	13.3	11 325	25.2	15 722	35.0	8 034	17.9	26	0.1	133	0.3	44 898	100.0	
082 Hättula	304	1.3	1 529	6.4	2 999	12.6	6 721	28.2	8 381	35.2	3 819	16.0	17	0.1	31	0.1	23 800	100.0	
086 Hausjärvi	396	1.9	1 470	7.1	3 045	14.6	5 251	25.2	7 121	34.2	3 450	16.6	35	0.2	59	0.3	20 829	100.0	
098 Hollola	425	1.5	2 218	7.6	4 304	14.8	7 223	24.9	9 726	33.5	5 048	17.4	33	0.1	57	0.2	29 034	100.0	
103 Humppila	292	4.0	629	8.6	1 049	14.4	1 371	18.8	2 505	34.4	1 359	18.7	31	0.4	48	0.7	7 283	100.0	
106 Hyvinkää	403	2.1	1 278	6.5	2 511	12.7	5 108	25.9	6 960	35.3	3 363	17.1	44	0.2	43	0.2	19 710	100.0	
109 Hämeenlinna	1 586	1.2	8 234	6.4	15 847	12.3	31 668	24.6	47 269	36.7	24 069	18.7	146	0.1	170	0.1	128 988	100.0	
111 Heinola	910	1.6	3 431	5.9	6 913	12.0	14 758	25.6	21 152	36.7	10 340	17.9	85	0.2	123	0.2	57 713	100.0	
165 Janakkala	606	1.8	2 271	6.7	4 440	13.2	8 534	25.3	11 888	35.2	5 920	17.5	50	0.2	43	0.1	33 752	100.0	
169 Jokioinen	236	2.9	684	8.5	1 271	15.7	1 485	18.4	2 644	32.7	1 682	20.8	47	0.6	37	0.5	8 086	100.0	
186 Järvenpää	56	4.3	125	9.5	220	16.7	312	23.7	369	28.0	225	17.1	3	0.2	7	0.5	1 316	100.0	
224 Karkkila	234	1.4	1 031	6.1	2 263	13.4	4 323	25.6	5 970	35.4	2 963	17.6	37	0.2	41	0.2	16 862	100.0	
245 Kerava	53	4.5	94	7.9	154	13.0	280	23.7	383	32.3	213	18.0	2	0.2	6	0.5	1 185	100.0	
283 Hämeenkoski	214	1.8	1 026	8.7	1 799	15.3	2 771	23.6	3 848	32.7	2 048	17.4	13	0.1	34	0.3	11 753	100.0	
316 Kärkölä	348	2.5	1 270	9.2	2 320	16.7	3 583	25.9	4 257	30.7	2 026	14.6	26	0.2	33	0.2	13 863	100.0	
398 Lahti	193	2.9	541	8.2	1 002	15.2	1 515	23.0	2 186	33.2	1 121	17.0	10	0.2	26	0.4	6 594	100.0	
433 Loppi	733	1.7	2 772	6.5	5 630	13.1	11 377	26.5	14 909	34.7	7 410	17.2	74	0.2	82	0.2	42 987	100.0	
444 Lohja	1 115	1.9	3 979	6.8	8 763	15.0	15 944	27.3	18 066	30.9	10 120	17.3	191	0.3	288	0.5	58 466	100.0	
504 Myrskylä-Mörskom	202	1.7	987	8.2	1 884	15.7	2 963	24.7	4 407	36.8	1 486	12.4	28	0.2	30	0.3	11 988	100.0	
505 Mäntsälä	883	2.6	2 807	8.1	4 940	14.3	8 643	25.0	11 668	33.7	5 536	16.0	79	0.2	82	0.2	34 640	100.0	
532 Nastola	170	0.8	1 433	6.6	3 820	17.6	5 681	26.2	7 989	36.9	2 495	11.5	37	0.2	25	0.1	21 651	100.0	
543 Nurmijärvi	456	2.6	1 481	8.4	3 031	17.3	4 889	27.8	4 973	28.3	2 623	14.9	47	0.3	71	0.4	17 571	100.0	
560 Orimattila	885	2.0	3 859	8.9	7 380	16.9	11 256	25.8	14 353	32.9	5 571	12.8	110	0.3	153	0.4	43 567	100.0	
576 Padasjoki	542	1.3	2 182	5.1	4 378	10.2	10 289	24.0	16 220	37.9	9 138	21.3	40	0.1	56	0.1	42 844	100.0	
611 Pornainen	127	1.6	380	4.7	1 049	12.9	2 326	28.6	2 931	36.0	1 292	15.9	19	0.2	23	0.3	8 146	100.0	
616 Pukila	173	2.4	561	7.9	1 149	16.2	2 043	28.8	2 193	30.9	930	13.1	18	0.3	25	0.4	7 093	100.0	
694 Riihimäki	146	2.2	496	7.4	1 048	15.7	1 700	25.4	2 193	32.8	1 069	16.0	14	0.2	15	0.2	6 681	100.0	
781 Sysmä	908	1.7	3 737	7.0	7 387	13.8	12 871	24.1	18 502	34.6	9 873	18.5	40	0.1	145	0.3	53 463	100.0	
834 Tammela	533	1.2	2 464	5.6	4 580	10.3	11 237	25.3	17 354	39.1	8 097	18.2	65	0.2	91	0.2	44 422	100.0	

Table 5a. Development class distribution on forest land by Forest Centre regions.

Forest Centre region	Open											Shelterwood		Forest land				
	Municipality	regeneration site		Young seedling stand		Advanced seedling stand		Young thinning stand		Advanced thinning stand		Mature stand		Seed tree stand		total		
		ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
858 Tuusula	312	3.0	861	8.3	1 762	17.0	2 802	27.0	2 921	28.1	1 666	16.1	23	0.2	37	0.4	10 384	100.0
927 Vihti	428	1.4	1 776	5.6	4 230	13.3	8 392	26.4	10 837	34.1	5 951	18.7	101	0.3	99	0.3	31 813	100.0
981 Ypäjä	248	3.1	625	7.9	1 054	13.3	1 427	18.0	2 681	33.8	1 812	22.8	53	0.7	35	0.4	7 936	100.0
Total	15 760	1.7	63 802	6.8	127 355	13.6	236 550	25.3	325 882	34.8	162 472	17.4	1 657	0.2	2 282	0.2	935 760	100.0
Kaakkoiis-Suomi																		
075 Hamina	319	0.7	3 938	9.1	5 997	13.9	11 319	26.1	15 419	35.6	6 096	14.1	116	0.3	94	0.2	43 297	100.0
142 Iitti	427	1.1	2 160	5.6	4 657	12.1	9 362	24.4	15 551	40.5	6 089	15.9	80	0.2	54	0.1	38 381	100.0
153 Imatra	49	0.5	756	8.0	1 444	15.3	2 157	22.9	3 310	35.1	1 686	17.9	10	0.1	18	0.2	9 429	100.0
285 Kotka	97	0.6	1 503	8.7	2 945	17.0	4 716	27.2	5 736	33.0	2 309	13.3	23	0.1	40	0.2	17 368	100.0
286 Kouvola	2 425	1.4	9 532	5.6	19 648	11.6	43 816	25.8	65 120	38.3	28 821	16.9	311	0.2	418	0.3	170 089	100.0
405 Lappeenranta	434	0.4	8 275	8.3	14 325	14.4	25 245	25.4	35 029	35.3	15 675	15.8	128	0.1	163	0.2	99 274	100.0
416 Lemi	106	0.7	1 300	8.6	2 416	16.0	3 814	25.2	5 014	33.1	2 460	16.2	16	0.1	24	0.2	15 150	100.0
441 Luumäki	74	0.1	3 842	6.7	7 457	12.9	16 138	28.0	21 268	36.9	8 663	15.0	69	0.1	116	0.2	57 626	100.0
489 Miehikkälä	193	0.6	2 452	7.8	3 977	12.7	8 104	25.9	11 590	37.1	4 810	15.4	82	0.3	59	0.2	31 267	100.0
580 Parikkala	329	0.8	3 462	8.0	6 096	14.0	11 414	26.2	15 651	35.9	6 471	14.9	31	0.1	118	0.3	43 572	100.0
624 Pyhtää-Pyttis	177	0.8	1 358	6.3	3 164	14.6	6 338	29.2	7 539	34.7	3 074	14.2	32	0.2	46	0.2	21 728	100.0
689 Rautjärvi	550	1.9	4 215	14.6	4 635	16.1	6 502	22.5	8 579	29.7	4 260	14.8	39	0.1	85	0.3	28 865	100.0
700 Ruokolahti	614	0.8	6 419	7.9	9 812	12.0	20 135	24.6	30 737	37.6	13 882	17.0	75	0.1	147	0.2	81 820	100.0
739 Savitaipale	414	1.0	3 506	8.1	5 911	13.7	10 974	25.4	14 889	34.5	7 266	16.8	49	0.1	125	0.3	43 134	100.0
831 Taipalsaari	174	0.6	2 348	8.4	3 784	13.6	7 188	25.8	9 526	34.2	4 751	17.1	30	0.1	48	0.2	27 849	100.0
935 Virolahti	224	0.9	2 347	9.1	3 316	12.8	6 557	25.3	9 429	36.4	3 867	14.9	85	0.3	68	0.3	25 894	100.0
Total	6 606	0.9	57 412	7.6	99 583	13.2	193 776	25.7	274 386	36.4	120 180	15.9	1 177	0.2	1 624	0.2	754 744	100.0
Pirkanmaa																		
020 Akaa	174	1.1	1 023	6.2	2 238	13.6	3 855	23.4	6 222	37.8	2 886	17.6	16	0.1	32	0.2	16 445	100.0
108 Hämeenkyrö	308	1.0	2 004	6.3	5 456	17.2	8 167	25.7	11 402	35.9	4 365	13.7	6	0.0	56	0.2	31 764	100.0
143 Ikaalinen	559	1.0	3 160	5.5	9 087	15.9	15 828	27.6	21 024	36.7	7 582	13.2	1	0.0	63	0.1	57 305	100.0
177 Juupajoki	331	1.6	1 392	6.7	3 228	15.6	5 037	24.4	7 483	36.2	3 192	15.4	2	0.0	16	0.1	20 680	100.0
211 Kangasala	513	1.1	2 124	4.6	5 629	12.2	10 191	22.0	18 263	39.5	9 344	20.2	61	0.1	110	0.2	46 234	100.0
250 Kihniö	454	1.7	1 528	5.6	2 844	10.4	7 365	27.0	11 100	40.7	3 933	14.4	5	0.0	64	0.2	27 292	100.0
418 Lempäälä	276	1.6	1 053	6.0	2 363	13.5	3 764	21.5	6 569	37.5	3 397	19.4	37	0.2	65	0.4	17 524	100.0
508 Mänttä-Vilppula	438	1.0	2 835	6.4	6 271	14.3	11 266	25.6	16 134	36.7	7 005	15.9	18	0.0	54	0.1	44 020	100.0
536 Nokia	297	1.5	1 061	5.5	2 928	15.1	4 572	23.6	7 269	37.5	3 166	16.3	43	0.2	75	0.4	19 411	100.0
562 Orivesi	761	1.2	3 343	5.3	8 620	13.6	14 814	23.4	24 479	38.6	11 249	17.7	45	0.1	96	0.2	63 406	100.0
581 Parkano	1 106	1.7	3 467	5.3	7 196	11.0	19 847	30.4	24 853	38.1	8 732	13.4	9	0.0	68	0.1	65 277	100.0
604 Pirkkala	102	2.1	313	6.3	848	17.1	1 090	22.0	1 740	35.2	825	16.7	10	0.2	21	0.4	4 948	100.0
619 Punkalaidun	345	1.8	1 071	5.7	2 851	15.1	4 211	22.4	6 411	34.0	3 842	20.4	37	0.2	72	0.4	18 841	100.0
635 Pälkäne	373	0.9	2 153	5.2	4 550	11.0	9 377	22.7	15 954	38.6	8 870	21.5	11	0.0	42	0.1	41 330	100.0
702 Ruovesi	902	1.4	3 584	5.6	8 477	13.3	15 528	24.3	25 269	39.6	9 961	15.6	16	0.0	68	0.1	63 804	100.0
790 Sastamala	1 881	2.0	5 752	6.0	14 480	15.1	24 314	25.3	32 954	34.3	16 278	16.9	151	0.2	414	0.4	96 224	100.0
837 Tampere	550	1.5	1 865	5.0	4 842	12.9	8 570	22.8	14 833	39.5	6 738	18.0	43	0.1	94	0.3	37 533	100.0
887 Urjala	407	1.4	1 864	6.2	4 333	14.5	6 442	21.5	10 989	36.7	5 798	19.3	58	0.2	85	0.3	29 975	100.0
908 Valkeakoski	217	1.3	901	5.5	2 303	14.0	3 962	24.1	5 860	35.7	3 122	19.0	26	0.2	19	0.1	16 410	100.0
922 Vesilahti	395	1.9	1 230	6.0	2 855	13.8	4 026	19.5	7 445	36.1	4 533	22.0	44	0.2	101	0.5	20 628	100.0
936 Virrat	1 004	1.1	5 414	5.9	11 937	12.9	25 563	27.7	35 239	38.2	13 050	14.1	10	0.0	121	0.1	92 398	100.0

Table 5a. Development class distribution on forest land by Forest Centre regions.

Forest Centre region	Open regeneration										Shelterwood stand			Seed tree stand		Forest land total		
	site	ha	%	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	ha	%	ha	%	ha	%	ha	%		
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%		
Municipality																		
924 Veteli	410	1.3	1 908	6.1	3 053	9.8	11 450	36.7	10 764	34.5	3 473	11.1	11	0.0	98	0.3	31 166	100.0
934 Vimpeli	202	1.1	1 138	6.2	1 958	10.7	6 513	35.4	6 297	34.3	2 201	12.0	7	0.0	60	0.3	18 375	100.0
989 Anttari	809	1.3	4 015	6.2	6 627	10.2	19 580	30.2	25 043	38.6	8 601	13.3	26	0.0	124	0.2	64 825	100.0
Total	14 536	1.2	80 180	6.5	150 310	12.2	403 438	32.7	412 870	33.4	169 603	13.7	745	0.1	3 332	0.3	1 235 015	100.0
Kesk-Suomi																		
077 Hanksalmi	635	1.4	3 323	7.4	7 776	17.3	13 497	30.0	12 857	28.6	6 752	15.0	6	0.0	136	0.3	44 982	100.0
172 Joutsa	516	0.7	4 710	6.5	10 988	15.1	20 476	28.2	23 265	32.0	12 371	17.0	49	0.1	245	0.3	72 621	100.0
179 Jyväskylä	1 198	1.3	6 625	7.1	15 705	16.7	24 282	25.9	28 750	30.6	16 944	18.1	35	0.0	317	0.3	93 856	100.0
182 Jämsä	1 399	1.1	7 400	5.6	20 124	15.3	33 463	25.5	45 946	35.0	22 751	17.3	60	0.1	223	0.2	131 366	100.0
216 Kannonkoski	665	1.8	2 749	7.2	3 837	10.1	10 746	28.3	14 999	39.5	4 917	12.9	10	0.0	71	0.2	37 994	100.0
226 Karstula	649	0.9	3 233	4.7	6 360	9.2	21 066	30.6	28 391	41.2	9 041	13.1	27	0.0	91	0.1	68 859	100.0
249 Keuruu	1 142	1.1	6 106	5.7	13 701	12.8	30 516	28.6	41 107	38.5	14 115	13.2	27	0.0	182	0.2	106 894	100.0
256 Kinnula	442	1.2	2 293	6.3	3 738	10.2	12 110	33.1	13 480	36.8	4 448	12.1	28	0.1	92	0.3	36 630	100.0
265 Kivijärvi	680	1.7	3 169	7.8	4 441	11.0	12 098	29.9	15 124	37.4	4 767	11.8	22	0.1	110	0.3	40 411	100.0
275 Konnevesi	1 133	2.6	5 367	12.3	6 754	15.4	11 536	26.3	12 263	28.0	6 560	15.0	35	0.1	181	0.4	43 829	100.0
291 Kuhmoinen	676	1.2	3 515	6.1	8 446	14.5	13 731	23.6	19 953	34.4	11 602	20.0	42	0.1	108	0.2	58 074	100.0
312 Kyyjärvi	232	0.7	1 695	5.1	2 773	8.4	11 788	35.6	12 964	39.2	3 545	10.7	19	0.1	58	0.2	33 073	100.0
410 Laukaa	682	1.4	3 791	7.7	8 169	16.6	13 021	26.5	15 149	30.8	8 209	16.7	24	0.1	182	0.4	49 228	100.0
435 Luhanka	190	1.0	1 034	5.6	2 930	16.0	4 841	26.4	5 996	32.7	3 306	18.0	6	0.0	44	0.2	18 348	100.0
495 Multia	607	1.0	2 994	4.8	6 492	10.4	18 459	29.6	25 725	41.2	8 060	12.9	13	0.0	102	0.2	62 453	100.0
500 Muurame	138	1.2	798	7.0	1 994	17.5	2 941	25.8	3 325	29.2	2 149	18.9	5	0.1	43	0.4	11 393	100.0
592 Petäjävesi	367	1.0	2 378	6.3	5 835	15.3	10 146	26.7	13 076	34.4	6 153	16.2	14	0.0	98	0.3	38 066	100.0
601 Pihlajavesi	884	1.0	5 143	5.9	7 870	9.1	28 719	33.2	33 846	39.1	10 022	11.6	14	0.0	125	0.1	86 623	100.0
729 Saarijärvi	1 115	1.1	5 699	5.6	11 590	11.5	28 226	27.9	39 987	39.5	14 422	14.3	17	0.0	116	0.1	101 172	100.0
850 Toivakka	417	1.4	2 229	7.3	4 749	15.5	8 039	26.2	9 365	30.6	5 722	18.7	12	0.0	121	0.4	30 653	100.0
892 Uurainen	354	1.3	1 773	6.3	4 040	14.3	7 419	26.2	10 511	37.1	4 173	14.7	4	0.0	46	0.2	28 320	100.0
931 Viitasaari	1 054	1.0	7 816	7.4	13 340	12.6	30 615	28.9	40 074	37.8	12 916	12.2	30	0.0	169	0.2	106 014	100.0
992 Äänekoski	925	1.3	5 109	6.9	8 894	12.0	19 262	26.0	27 606	37.3	12 037	16.3	17	0.0	150	0.2	74 000	100.0
Total	16 103	1.2	88 951	6.5	180 547	13.1	386 996	28.2	493 758	35.9	204 981	14.9	516	0.0	3 010	0.2	1 374 861	100.0
Pohjois-Savo																		
140 Iisalmi	582	1.1	4 844	8.7	8 294	15.0	20 586	37.1	15 295	27.6	5 840	10.5	0	0.0	0	0.0	55 442	100.0
174 Juankoski	282	0.8	2 235	6.3	5 532	15.7	11 278	31.9	11 059	31.3	4 951	14.0	4	0.0	15	0.1	35 357	100.0
204 Kaavi	722	1.2	3 712	6.0	6 942	11.8	18 295	31.2	21 523	36.7	7 379	12.6	7	0.0	31	0.1	58 611	100.0
239 Keitele	398	1.0	2 411	6.0	4 632	11.5	12 434	30.8	15 463	38.3	4 953	12.3	9	0.0	28	0.1	40 330	100.0
263 Kuruvesi	769	0.8	8 104	8.5	11 112	11.6	36 332	38.0	31 233	32.7	7 923	8.3	0	0.0	38	0.0	95 511	100.0
297 Kuopio	1 579	0.9	11 916	6.5	27 364	14.8	58 005	31.4	56 001	30.4	29 246	15.9	61	0.0	353	0.2	184 526	100.0
402 Lapinlahti	769	0.9	6 204	7.4	11 334	13.5	30 792	36.8	25 373	30.3	9 218	11.0	0	0.0	0	0.0	83 689	100.0
420 Leppävirta	574	0.6	6 543	6.8	14 811	15.4	27 701	28.9	29 409	30.6	16 719	17.4	59	0.1	202	0.2	96 017	100.0
476 Maaninka	283	0.8	2 500	7.4	5 825	17.2	11 064	32.7	9 544	28.2	4 543	13.4	10	0.0	75	0.2	33 844	100.0
595 Pielavesi	1 041	1.1	6 150	6.5	11 825	12.5	31 647	33.5	31 274	33.1	12 603	13.3	12	0.0	59	0.1	94 611	100.0
686 Rautalammi	473	1.1	3 087	7.0	6 248	14.1	15 785	35.5	12 897	29.0	5 740	12.9	1	0.0	203	0.5	44 434	100.0
687 Rautavaara	1 155	1.2	5 543	5.7	8 162	8.4	37 147	38.3	36 399	37.5	8 592	8.9	44	0.1	19	0.0	97 063	100.0
749 Siilinjärvi	305	1.2	2 358	8.9	4 864	18.4	8 243	31.1	6 769	25.6	3 873	14.6	8	0.0	47	0.2	26 469	100.0
762 Sonkajärvi	798	0.7	8 343	6.9	12 642	10.5	49 353	41.1	39 785	33.1	9 154	7.6	5	0.0	54	0.1	120 132	100.0

Table 5a. Development class distribution on forest land by Forest Centre regions.

Forest Centre region		Open regeneration			Young seedling stand			Advanced seedling stand			Young thinning stand			Advanced thinning stand			Mature stand			Shelterwood stand			Seed tree stand			Forest land total		
	Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
436	Lumijoki	203	1.7	853	7.0	1 633	13.4	5 220	42.7	2 970	24.3	1 281	10.5	1	0.0	54	0.4	12 216	100.0									
483	Merijärvi	285	1.6	1 622	9.4	1 758	10.1	5 575	32.1	5 339	30.8	2 754	15.9	6	0.0	22	0.1	17 361	100.0									
494	Muhos	1 006	2.1	3 794	7.8	5 827	12.0	21 330	43.9	11 757	24.2	4 783	9.8	4	0.0	127	0.3	48 628	100.0									
535	Nivala	392	1.3	2 368	7.9	3 534	11.8	9 361	31.2	9 716	32.4	4 562	15.2	16	0.1	36	0.1	29 986	100.0									
563	Oulainen	814	1.8	4 016	9.1	4 934	11.2	14 790	33.4	13 247	30.0	6 333	14.3	33	0.1	62	0.1	44 229	100.0									
564	Oulu	2 105	1.1	7 727	3.9	20 861	10.5	93 545	47.0	54 520	27.4	19 398	9.7	236	0.1	755	0.4	199 149	100.0									
615	Pudasjärvi	2 662	0.7	20 362	5.6	35 602	9.7	182 640	49.9	86 648	23.7	37 406	10.2	0	0.0	669	0.2	365 989	100.0									
625	Pyhäjäki	651	1.6	3 329	8.0	4 623	11.1	15 377	36.9	12 360	29.7	5 248	12.6	9	0.0	52	0.1	41 649	100.0									
626	Pyhäsalmi	1 055	1.0	7 984	7.5	9 867	9.3	41 503	38.9	36 913	34.6	9 332	8.8	11	0.0	26	0.0	106 690	100.0									
630	Pyhäntä	839	1.4	5 036	8.6	3 801	6.6	26 111	44.5	18 054	30.8	4 673	8.0	19	0.0	144	0.2	58 676	100.0									
678	Rahe	1 234	1.7	5 813	8.0	6 919	9.6	26 996	37.3	21 794	30.2	9 444	13.1	15	0.0	81	0.1	72 297	100.0									
691	Reisjärvi	307	0.9	2 052	6.1	3 402	10.1	11 908	35.5	11 546	34.4	4 256	12.7	20	0.1	65	0.2	33 556	100.0									
746	Sievi	840	1.6	3 921	7.3	5 452	10.1	20 228	37.6	16 333	30.3	6 905	12.8	61	0.1	117	0.2	53 856	100.0									
748	Sillkejöki	1 273	1.9	4 933	7.3	7 365	10.8	29 478	43.3	17 399	25.6	7 428	10.9	2	0.0	140	0.2	68 017	100.0									
791	Sikalatva	1 959	1.3	10 422	6.8	14 261	9.3	68 915	44.7	42 922	27.9	15 338	10.0	65	0.0	183	0.1	154 066	100.0									
832	Taivalkoski	2 444	1.4	14 610	8.1	16 629	9.2	71 957	39.9	44 987	24.9	29 781	16.5	0	0.0	181	0.1	180 590	100.0									
859	Tyrnävä	555	2.0	1 606	5.9	3 047	11.2	12 278	45.0	6 760	24.8	2 941	10.8	2	0.0	100	0.4	27 290	100.0									
889	Utajärvi	902	0.9	7 201	6.9	10 207	9.8	50 094	48.1	27 059	26.0	8 476	8.1	14	0.0	202	0.2	104 154	100.0									
977	Ylivieska	563	1.4	3 129	7.6	4 519	11.0	13 711	33.4	12 701	31.0	6 330	15.4	29	0.1	59	0.1	41 041	100.0									
Total		29 206	1.2	163 052	6.7	246 295	10.1	1 050 376	43.0	658 305	26.9	293 223	12.0	1 002	0.0	4 144	0.2	2 445 604	100.0									
Lapland																												
047	Enontekiö	534	0.6	7 165	7.4	4 011	4.1	28 305	29.1	21 140	21.8	35 661	36.7	21	0.0	376	0.4	97 212	100.0									
148	Inari	1 268	0.2	38 435	5.4	37 460	5.3	214 168	30.1	85 946	12.1	329 311	46.2	913	0.1	4 973	0.7	712 475	100.0									
240	Kemi	336	5.0	714	10.7	348	5.2	3 247	48.7	1 139	17.1	886	13.3	0	0.0	1	0.0	6 672	100.0									
241	Keminmaa	753	1.7	3 479	7.7	3 122	6.9	24 934	55.2	8 021	17.8	4 828	10.7	18	0.0	40	0.1	45 196	100.0									
261	Kittilä	2 825	0.6	31 264	6.9	29 928	6.6	177 648	39.0	102 274	22.4	110 653	24.3	312	0.1	1 246	0.3	456 149	100.0									
273	Kolari	822	0.5	10 963	6.5	12 890	7.7	79 528	47.5	39 914	23.8	22 406	13.4	5	0.0	998	0.6	167 527	100.0									
320	Kemijärvi	1 626	0.6	15 547	6.1	19 157	7.5	131 006	51.4	58 741	23.1	28 004	11.0	2	0.0	712	0.3	254 795	100.0									
498	Muonio	614	0.5	11 430	9.0	7 644	6.0	36 682	28.7	29 369	23.0	41 584	32.5	9	0.0	445	0.4	127 779	100.0									
583	Pelkosenniemi	328	0.3	8 122	7.0	14 073	12.2	56 964	49.2	17 845	15.4	18 441	15.9	0	0.0	16	0.0	115 790	100.0									
614	Posio	2 837	1.4	14 859	7.1	17 951	8.6	88 233	42.3	53 177	25.5	31 052	14.9	0	0.0	342	0.2	208 451	100.0									
683	Ranua	496	0.2	8 712	4.3	17 522	8.6	111 134	54.5	44 464	21.8	21 108	10.4	58	0.0	355	0.2	203 848	100.0									
698	Rovaniemi	2 882	0.5	35 932	6.6	59 187	10.8	257 027	47.0	117 465	21.5	67 007	12.3	876	0.2	6 481	1.2	546 857	100.0									
732	Salla	1 899	0.5	30 342	8.0	33 913	9.0	144 892	38.4	73 356	19.4	92 411	24.5	0	0.0	530	0.1	377 345	100.0									
742	Savukoski	4 248	1.0	52 040	11.7	35 849	8.1	156 745	35.3	73 147	16.5	116 073	26.2	145	0.0	5 248	1.2	443 496	100.0									
751	Simo	383	0.4	4 908	5.5	10 497	11.8	46 658	52.6	17 372	19.6	8 258	9.3	53	0.1	545	0.6	88 673	100.0									
758	Sodankylä	4 990	0.8	55 917	8.4	43 283	6.5	249 070	37.5	122 188	18.4	185 078	27.9	437	0.1	3 359	0.5	664 322	100.0									
845	Tervola	839	0.8	8 236	7.6	13 278	12.3	52 906	49.0	23 623	21.9	8 294	7.7	261	0.2	473	0.4	107 909	100.0									
851	Tornio	981	1.2	6 856	8.5	7 142	8.9	40 958	50.9	13 650	17.0	10 568	13.1	44	0.1	322	0.4	80 522	100.0									
854	Pello	682	0.5	12 097	9.1	14 475	10.9	62 646	47.0	26 141	19.6	16 761	12.6	8	0.0	605	0.5	133 416	100.0									
890	Utsjoki	0	0.0	1	0.0	230	1.9	8 008	65.0	101	0.8	3 975	32.3	0	0.0	0	0.0	12 315	100.0									
976	Ylitornio	1 314	1.0	12 984	9.3	20 316	14.6	70 112	50.5	17 843	12.8	15 328	11.0	32	0.0	1 049	0.8	138 977	100.0									
Total		30 658	0.6	370 006	7.4	402 276	8.1	2 040 871	40.9	946 916	19.0	1 167 688	23.4	3 193	0.1	28 116	0.6	4 989 724	100.0									

Table 5b. The mean volume of growing stock in development classes on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality	m ³ /ha								
Åland									
035 Brändö	0.5	24.5	30.0	100.1	165.7	199.3	50.5	38.4	116.0
043 Eckerö	2.1	15.7	39.4	117.8	187.5	213.4	53.5	33.1	146.9
060 Finström	1.6	12.1	37.0	114.3	190.6	215.9	52.4	32.7	141.8
062 Föglö	8.5	28.8	40.8	104.1	174.7	210.9	52.4	31.0	148.4
065 Geta	1.2	20.1	34.8	104.3	173.5	199.9	53.4	32.5	135.3
076 Hammarland	1.3	14.4	38.0	117.5	187.2	211.4	53.3	29.4	143.8
170 Jomala	1.8	11.3	37.5	120.2	194.7	222.5	52.3	29.5	146.8
295 Kumlinge	1.0	27.4	31.8	103.1	161.7	192.4	51.4	37.1	126.8
318 Kökar	0.2	14.0	21.5	94.8	167.6	209.4	50.1	36.4	91.5
417 Lemland	2.1	17.5	39.9	118.7	195.5	216.8	52.7	24.9	150.1
438 Lumparland	0.0	24.1	43.6	109.4	182.6	212.4	53.5	29.2	153.5
478 Mariehamn-Maarianhamina	1.3	18.8	32.1	110.3	177.3	195.6	54.3	32.7	130.4
736 Saltvik	1.0	15.8	36.8	109.9	181.4	206.4	53.6	30.2	143.2
766 Sottunga	0.7	17.3	27.8	98.1	167.5	206.0	51.0	36.9	118.4
771 Sund	14.5	20.1	39.2	111.2	184.7	213.3	53.5	31.7	150.3
941 Vårdö	5.5	22.9	43.0	106.1	180.1	209.2	54.4	36.2	153.3
Total	1.9	17.7	36.6	111.5	182.9	210.3	52.4	33.2	142.1
Rannikko/Etelärannikko									
049 Espoo-Esbo	3.1	29.0	50.1	138.9	213.8	265.0	131.1	51.4	181.5
078 Hanko-Hangö	3.1	25.8	41.6	125.8	191.5	255.7	110.6	31.3	183.3
091 Helsinki-Helsingfors	1.0	23.8	42.4	139.5	218.4	274.2	170.2	26.9	171.3
092 Vantaa-Vanda	5.6	18.6	47.1	136.0	225.5	283.4	116.2	32.9	165.4
149 Ingå-Inkoo	11.4	19.0	50.9	139.7	215.4	260.9	112.5	45.8	175.7
235 Kauniainen-Grankulla	1.4	34.0	53.5	137.4	206.6	258.1	219.4	51.0	185.8
257 Kirkkonummi-Kyrkslätt	5.1	26.5	49.5	136.3	211.5	253.1	97.0	47.0	169.4
322 Kemiönsaari	1.3	16.5	38.4	117.8	190.0	234.6	71.3	69.0	157.0
407 Lapinjärvi-Lapträsk	9.1	17.1	41.2	135.6	215.1	270.0	76.2	24.2	168.6
434 Loviisa-Lovisa	10.5	17.1	35.2	138.4	206.9	260.3	79.6	20.9	157.0
445 Länsi-Turunmaa	2.1	17.9	40.9	122.2	190.6	226.2	59.4	43.2	162.3
638 Porvoo-Borgå	4.5	20.8	34.2	134.7	205.7	250.1	89.6	29.8	156.3
710 Raasepori	13.4	15.7	47.4	130.9	212.2	257.8	142.6	53.6	177.5
753 Sipoo-Sibbo	3.5	28.0	46.0	136.1	217.9	274.8	106.1	31.5	179.2
755 Siuntio-Sjundeå	8.6	21.4	48.3	132.3	214.1	258.0	113.1	43.6	156.2
Total	7.3	19.2	42.0	132.9	206.7	251.8	108.5	45.0	166.8
Rannikko/Pohjanmaan rannikko									
231 Kaskinen-Kaskö	1.1	8.3	27.1	111.0	185.4	206.1	66.1	40.5	122.2
272 Kokkola-Karleby Rannikko	0.3	10.4	35.1	115.0	175.8	232.9	-	24.6	129.8
280 Korsnäs	3.9	8.6	35.9	119.7	176.6	219.3	73.8	39.0	130.6
287 Kristinestad-Kristiinankaupunki	3.4	8.7	31.5	115.6	185.1	234.3	78.1	38.4	138.2
288 Kronoby-Kruunupyä	0.6	7.5	37.2	101.3	163.9	221.7	25.5	19.8	120.5
440 Larsmo-Luoto	2.9	9.3	34.3	113.8	179.4	216.1	97.8	27.6	125.9
475 Malax-Maalampi	3.9	8.0	35.7	115.8	173.5	220.3	61.1	40.4	127.1
499 Korsholm-Mustasaari	2.8	9.0	35.2	122.1	186.1	228.2	68.3	37.4	138.4
545 Närpes-Närpiö	3.5	6.4	31.9	115.3	180.4	216.0	66.7	41.0	130.8
598 Jakobstad-Pietarsaari	4.7	9.1	36.2	112.7	169.6	208.2	97.8	33.9	120.0
599 Pedersöre-Pedersören kunta	0.8	7.8	39.5	107.8	164.6	223.1	97.2	21.7	125.7
893 Nykarleby-Uusikaarlepyy	1.9	8.4	37.0	111.4	168.9	215.2	88.0	30.5	126.7
905 Vaasa-Vasa	4.4	10.1	36.0	120.0	187.3	226.1	65.9	38.0	137.9
946 Vörå-Vöyri	2.1	7.8	34.4	112.5	175.3	216.3	81.5	36.5	122.9
Total	2.4	8.2	35.1	113.3	175.3	222.3	73.4	32.6	129.3
Lounais-Suomi									
019 Aura	0.0	9.7	37.2	120.3	209.0	272.9	149.4	32.1	156.0
050 Eura	0.0	12.8	35.5	115.0	190.7	242.5	123.4	33.0	150.0
051 Eurajoki	1.3	13.5	31.8	116.1	192.0	259.1	51.0	32.4	153.2
079 Harjavalta	1.3	12.2	35.5	118.5	183.3	255.1	51.4	27.8	149.7
099 Honkajoki	1.5	17.3	33.2	95.9	158.6	195.4	52.7	21.4	125.3
102 Huittinen	0.3	12.7	38.0	125.9	201.6	268.4	103.4	26.3	152.4
181 Jämijärvi	0.9	10.4	24.7	110.0	179.4	227.6	-	44.3	126.0
202 Kaarina	4.3	17.5	33.0	113.1	204.9	242.4	76.0	37.9	155.1
214 Kankaanpää	0.2	11.1	28.6	108.0	168.8	222.7	51.5	38.5	128.2
230 Karvia	1.1	8.9	23.9	86.1	145.6	190.7	65.7	42.2	113.5
271 Kokemäki	0.7	13.5	37.2	122.7	188.8	259.5	39.4	24.7	146.1
284 Koski T.I.	0.1	15.1	31.9	126.8	221.7	301.5	134.3	32.3	168.1
304 Kustavi	5.1	18.9	39.5	105.8	174.8	206.5	53.2	32.2	148.4
319 Köyliö	0.3	15.4	39.1	119.5	188.7	244.7	96.4	30.3	154.0
400 Laitila	0.0	14.0	40.1	110.9	190.1	241.4	69.8	31.2	150.7
413 Luvia	0.0	11.3	38.2	125.8	196.7	274.9	49.7	32.8	152.5
423 Lieto	0.4	11.1	41.7	118.4	203.1	270.3	145.2	29.6	164.6
430 Loimaa	0.5	14.8	36.3	126.8	207.5	292.4	97.9	23.0	162.6
442 Luvia	0.2	13.4	34.1	120.8	191.4	259.6	51.0	30.3	155.1
480 Marttila	0.8	11.7	31.6	123.3	203.1	286.0	150.4	38.7	162.7
481 Masku	0.0	16.1	38.5	119.6	202.2	238.0	162.5	31.1	153.6
484 Merikarvia	2.9	8.9	36.3	124.9	197.7	264.5	139.0	12.0	155.3
503 Mynämäki	0.0	12.8	43.3	118.7	193.7	263.1	163.0	27.4	162.0
529 Naantali	1.0	21.9	39.7	117.8	184.9	218.3	52.9	33.9	155.5
531 Nakkila	0.0	12.6	32.6	116.9	191.3	257.9	50.7	32.0	149.8
538 Nousiainen	0.0	11.5	41.2	119.6	196.4	267.1	161.4	31.4	163.5
561 Oripää	1.6	15.6	33.1	115.1	187.0	252.8	157.9	33.4	150.0
577 Paimio	5.0	13.9	33.1	112.6	195.8	238.9	120.8	49.6	157.0
608 Pomarkku	0.2	10.0	35.7	119.2	193.0	265.9	50.7	33.2	158.8
609 Pori	1.5	11.9	35.7	120.4	193.3	264.7	83.7	25.2	154.3

Table 5b. The mean volume of growing stock in development classes on forest land by Forest Centre regions.

Forest Centre region	Open regenerat- ion site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwo- od stand	Seed tree stand	Forest land total
Municipality	m ³ /ha								
631 Pyhäranta	0.1	12.5	38.9	115.5	196.4	258.9	51.1	28.8	157.6
636 Pöytyä	0.7	16.0	34.1	112.5	187.9	250.5	156.8	35.9	157.5
680 Raisio	0.2	13.1	35.1	116.8	202.3	234.9	50.1	31.0	152.3
684 Rauma	0.3	13.6	35.4	111.9	183.8	240.6	51.9	31.6	150.1
704 Rusko	0.0	10.4	45.4	123.4	200.2	267.5	157.2	32.5	172.4
734 Salo	9.0	12.5	37.9	124.1	201.8	253.1	135.6	51.8	165.7
738 Sauvo	4.5	17.8	33.1	112.2	196.8	239.9	75.9	67.2	153.0
747 Siikainen	1.4	14.4	36.8	109.1	178.6	232.4	68.2	27.2	142.7
761 Somero	5.4	12.9	39.1	133.2	221.1	288.7	117.4	42.7	174.1
783 Säkyä	0.1	18.9	34.4	119.1	184.7	240.3	153.2	32.3	147.0
833 Taivassalo	1.1	19.2	41.2	113.0	180.8	215.9	52.7	30.6	145.5
838 Tarvasjoki	0.2	11.0	35.2	120.0	211.2	274.5	148.5	33.8	164.5
853 Turku-Abo	0.1	14.6	38.1	119.2	205.1	254.2	152.1	28.0	160.1
886 Ulvila	0.2	14.1	36.4	117.3	189.8	269.2	49.8	30.5	156.5
895 Uusikaupunki	1.3	16.9	41.4	110.5	186.0	223.8	52.7	27.2	149.6
918 Vehmaa	0.1	19.0	39.2	112.8	194.2	224.4	53.5	26.2	140.4
Total	1.5	13.4	36.0	116.6	191.2	249.9	120.5	32.7	152.5
Häme-Uusimaa									
016 Asikkala	0.0	14.1	38.3	128.7	222.9	309.4	50.1	30.2	171.9
018 Askola	2.8	16.2	39.1	127.6	208.5	271.7	50.4	31.3	150.8
061 Forssa	1.9	12.5	37.0	127.4	215.2	301.8	75.6	23.2	172.1
081 Hartola	3.3	11.1	34.1	126.7	223.9	290.2	97.7	29.9	167.8
082 Hattula	3.9	10.7	43.4	134.7	219.6	285.7	47.7	51.8	167.5
086 Hausjärvi	4.7	19.0	41.3	125.8	211.7	274.7	74.9	35.0	157.3
098 Hollola	3.2	16.0	36.8	125.0	217.4	305.7	52.3	27.4	163.9
103 Humppila	0.3	10.5	37.6	137.5	209.8	293.5	54.5	18.8	159.5
106 Hyvinkää	3.9	19.9	43.4	129.8	211.5	275.3	68.1	34.2	162.4
109 Hämeenlinna	3.7	14.7	38.0	130.3	216.9	298.3	60.0	41.7	172.9
111 Heinola	0.1	11.8	37.0	127.6	217.6	294.5	99.6	26.6	170.5
165 Janakkala	4.3	16.1	44.1	129.8	216.4	289.5	61.3	43.8	166.9
169 Jokioinen	1.1	13.8	34.9	137.4	220.2	318.5	69.0	17.5	170.7
186 Järvenpää	3.3	14.6	40.9	130.0	220.8	294.6	44.5	32.2	151.6
224 Karkkila	7.2	17.9	47.3	133.4	216.8	288.0	64.4	44.8	169.4
245 Kerava	4.8	16.5	43.5	137.4	220.9	282.4	60.7	28.9	162.0
283 Hämeenkoski	5.7	16.7	36.5	123.5	217.9	301.3	66.5	29.7	160.3
316 Kärkölä	6.3	15.1	39.3	123.1	215.0	289.7	61.8	36.7	148.5
398 Lahti	4.2	17.8	38.4	129.1	219.8	305.0	56.4	26.8	162.0
433 Loppi	5.8	17.5	45.6	130.8	215.0	284.1	59.3	40.3	165.5
444 Lohja	9.7	16.1	47.7	134.0	214.8	280.6	114.0	46.3	160.5
504 Myrskylä-Mörskom	6.4	16.6	39.2	129.5	206.8	273.2	63.0	28.8	149.7
505 Mäntsälä	4.0	16.4	41.0	124.1	215.3	285.7	53.3	39.1	156.6
532 Nastola	8.2	16.3	38.8	129.2	217.0	293.2	84.3	27.5	155.9
543 Nurmijärvi	5.6	18.3	44.0	126.1	211.8	272.2	73.7	36.0	145.3
560 Orimattila	4.2	15.6	36.9	127.1	208.1	282.4	60.4	27.2	145.5
576 Padasjoki	0.0	15.3	37.5	129.9	215.5	302.3	39.3	24.6	181.9
611 Pornainen	0.0	23.7	44.7	129.0	211.6	271.7	73.3	37.7	163.2
616 Pukkila	3.9	15.8	39.7	123.5	209.5	271.8	53.4	29.2	144.0
694 Riihimäki	5.1	16.4	43.2	128.8	217.1	290.9	67.9	36.3	158.9
781 Sysmä	0.8	12.1	33.3	126.6	221.7	297.6	60.7	28.6	167.7
834 Tammela	3.1	12.0	42.4	133.0	217.4	281.5	94.4	41.2	175.2
858 Tuusula	4.7	17.9	42.6	126.9	215.5	283.8	52.4	32.2	149.5
927 Vihti	6.8	19.7	47.7	132.9	214.2	278.0	108.6	44.3	168.0
981 Ypäjä	0.7	15.2	34.4	127.6	221.0	319.3	71.1	20.3	176.9
Total	3.8	15.1	40.0	129.2	216.4	291.3	74.3	34.8	165.4
Kaakkois-Suomi									
075 Hamina	9.1	9.8	28.4	120.4	190.5	277.5	137.4	23.2	143.7
142 Iitti	6.9	15.4	38.3	135.1	215.1	286.1	66.5	26.0	171.3
153 Imatra	12.4	9.1	34.9	120.6	204.8	292.2	76.1	26.5	158.0
285 Kotka	13.7	10.6	27.8	126.1	191.7	274.2	190.6	28.8	140.0
286 Kouvolaa	4.4	12.5	35.7	128.7	208.1	285.3	109.1	26.2	166.3
405 Lappeenranta	15.9	10.0	31.0	114.4	196.7	278.5	113.6	21.2	148.0
416 Lemi	7.6	10.6	30.9	115.1	199.4	276.5	78.1	24.0	145.9
441 Luumäki	57.3	10.8	31.2	116.7	193.2	269.3	124.0	25.9	149.5
489 Miehikkälä	7.9	10.9	29.1	116.3	190.3	275.3	147.6	21.2	148.0
580 Parikkala	8.3	12.3	35.2	123.6	207.2	278.1	38.8	23.5	154.2
624 Pyhtää-Pyttis	8.8	13.5	35.5	134.2	203.1	272.5	141.8	28.4	154.5
689 Rautjärvi	5.9	7.5	32.2	117.9	196.4	279.1	87.8	26.3	132.7
700 Ruokolahti	5.6	10.3	32.4	116.6	195.3	271.3	111.2	26.7	153.0
739 Savitaipale	8.9	10.9	30.0	117.2	194.3	258.8	86.6	35.3	145.8
831 Taipalsaari	4.8	11.9	30.4	115.6	190.1	253.0	70.9	27.6	143.3
935 Virolahti	6.8	9.3	28.0	119.5	190.4	271.2	157.6	23.8	145.2
Total	7.4	10.9	32.4	121.5	199.6	276.3	114.0	25.9	153.2
Pirkanmaa									
020 Akaa	0.0	9.6	35.8	128.1	212.8	289.3	91.6	39.1	166.9
108 Hämeenkyrö	0.1	13.6	36.7	129.0	206.4	273.1	50.3	32.8	152.0
143 Ikaalinen	1.5	11.9	30.5	118.1	187.5	249.1	44.5	43.2	139.9
177 Juupajoki	0.4	13.4	30.9	122.3	196.2	288.4	49.6	38.6	151.1
211 Kangasala	0.4	15.5	37.1	126.7	212.7	288.4	48.8	28.7	175.6
250 Kihniö	1.0	6.0	22.6	95.5	157.9	210.1	97.6	47.1	123.1
418 Lempäälä	0.3	15.6	37.9	131.9	216.8	284.7	52.2	28.3	171.1
508 Mänttä-Vilppula	1.9	9.4	31.0	120.7	196.6	281.1	133.8	43.9	152.8
536 Nokia	0.4	18.0	38.4	134.9	210.1	278.3	53.0	28.9	162.9

Table 5b. The mean volume of growing stock in development classes on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality	m ³ /ha								
562 Orivesi	0.3	13.7	33.5	129.5	205.6	288.2	52.9	30.3	166.1
581 Parkano	1.2	8.5	22.3	98.8	160.2	204.9	97.6	47.2	121.5
604 Pirkkala	0.7	16.2	37.0	132.8	217.5	280.2	51.2	23.5	160.0
619 Punkalaidun	0.2	13.2	41.1	132.5	211.8	281.6	49.8	19.7	166.3
635 Pälkäne	0.4	13.0	33.9	130.6	217.7	303.5	81.6	40.1	183.3
702 Ruovesi	1.3	10.3	30.6	123.5	196.7	267.7	75.1	40.1	154.5
790 Sastamala	0.0	14.0	41.9	127.8	208.4	279.3	51.6	28.0	158.2
837 Tampere	0.0	17.4	36.5	133.2	206.7	287.4	48.8	32.1	169.4
887 Urjala	0.0	11.2	38.2	131.3	215.9	288.2	71.4	23.4	169.5
908 Valkeakoski	0.0	9.8	36.7	132.6	220.0	298.6	80.8	35.7	173.2
922 Vesilähti	0.0	15.6	40.3	132.2	218.2	286.4	48.4	24.6	174.2
936 Virrat	2.1	7.4	25.9	105.2	169.4	231.3	69.7	41.6	130.4
980 Ylöjärvi	2.0	12.1	32.3	119.1	188.7	255.7	48.6	37.3	149.4
Total	0.8	11.9	33.4	120.5	195.8	269.0	59.3	32.6	153.6
Etelä-Savo									
046 Enonkoski	7.1	8.5	35.0	118.4	200.8	288.6	30.6	29.9	156.4
090 Heinävesi	2.9	9.2	36.4	121.6	197.2	284.9	30.9	27.8	156.0
097 Hirvensalmi	7.4	8.8	35.3	123.3	214.6	278.4	142.7	41.9	161.3
171 Joroinen	10.5	8.9	37.0	120.5	206.5	287.5	41.5	60.8	151.3
178 Juva	17.0	9.7	34.8	121.4	206.3	280.2	52.8	50.1	158.9
213 Kangasniemi	8.9	11.7	30.4	119.9	203.8	277.0	58.7	38.5	147.9
491 Mikkei	12.0	9.5	34.8	122.6	207.0	275.6	103.7	46.4	161.3
507 Mäntyharju	1.9	10.2	35.5	125.0	208.4	278.2	155.8	28.6	166.2
588 Pertunmaa	0.7	10.7	35.9	126.1	222.5	294.1	165.1	31.3	166.0
593 Pieksämäki	4.7	8.7	30.7	118.4	192.7	273.5	34.1	17.7	142.1
623 Puumala	6.5	12.4	29.5	114.5	189.2	246.1	85.0	32.4	147.2
681 Rantasalmi	9.3	11.2	36.2	119.8	203.3	290.1	39.3	51.9	150.0
740 Savonlinna	5.8	10.3	33.1	117.5	200.1	277.7	55.6	28.7	153.3
768 Sulkava	3.9	9.4	29.2	112.3	194.1	264.5	94.0	27.8	136.3
Total	6.7	10.0	33.5	120.1	202.2	276.7	77.4	37.2	154.0
Etelä-Pohjanmaa									
005 Alajärvi	0.1	4.9	24.3	94.4	150.0	206.1	37.2	27.1	113.4
010 Alavus	0.7	5.4	24.4	94.5	157.2	209.0	66.0	43.3	119.0
052 Evijärvi	1.0	6.6	30.6	93.7	157.7	211.0	80.8	14.1	110.9
074 Halsua	0.5	9.6	24.1	84.0	141.2	173.1	51.8	26.9	99.9
145 Ilmajoki	0.3	4.3	27.7	97.7	163.9	212.5	97.2	38.6	118.4
151 Isojoki	0.5	9.1	29.3	99.0	162.8	214.4	87.4	28.2	128.4
152 Isokyrö	0.8	5.7	36.7	100.2	167.3	213.1	96.7	37.1	116.8
164 Jalasjärvi	2.0	4.6	24.1	92.2	153.3	202.2	74.8	39.7	114.3
217 Kannus	1.4	8.0	29.4	91.9	152.3	190.2	52.8	19.7	110.3
218 Karijoki	2.1	6.9	29.9	108.2	173.5	218.7	80.1	35.6	128.3
232 Kauhajoki	3.6	6.7	27.0	94.2	148.8	186.8	52.5	26.1	113.7
233 Kauhava	1.1	6.0	29.9	97.5	159.1	207.7	97.6	34.8	113.0
236 Kaustinen	0.7	7.7	30.0	93.8	152.6	197.1	33.3	20.7	113.8
272 Kokkola-Karleby E-Pohjanmaa	0.4	7.7	31.0	92.6	154.5	200.3	51.6	19.4	108.8
300 Kuortane	0.6	4.9	26.3	96.5	160.2	221.6	92.9	40.5	120.6
301 Kurikka	3.8	6.1	29.9	107.3	165.7	215.6	59.4	34.2	121.8
399 Laihia	2.4	7.2	37.5	110.9	173.5	220.0	65.5	44.2	132.4
403 Lappajärvi	0.5	5.0	28.7	95.7	157.8	210.6	85.4	19.9	115.8
408 Lapua	1.3	4.5	31.5	99.8	165.0	219.2	97.6	38.9	125.2
421 Lestijärvi	1.0	8.3	26.5	92.7	151.7	190.4	47.3	27.2	106.8
584 Perho	0.2	9.7	24.3	89.2	145.0	185.6	49.5	30.7	108.1
743 Seinäjoki	0.6	5.2	27.1	93.5	158.7	202.4	97.6	39.4	112.1
759 Soini	0.1	6.7	24.1	94.1	151.5	204.2	32.3	24.6	117.2
846 Teuva	6.1	6.8	29.8	108.7	169.9	219.9	59.5	32.5	126.7
849 Toholampi	0.2	8.9	26.5	89.9	149.4	186.0	44.8	27.0	105.6
924 Veteli	0.4	7.2	27.1	92.0	151.1	203.5	32.9	20.7	111.8
934 Vimpeli	0.2	6.5	26.2	95.0	151.5	207.7	32.1	23.3	113.7
989 Ähtäri	0.0	7.4	25.9	97.7	160.3	223.9	54.3	27.6	124.3
Total	0.9	6.5	27.9	95.8	156.6	205.7	62.1	30.9	115.8
Keski-Suomi									
077 Hankasalmi	1.8	9.8	28.3	120.8	191.8	280.4	40.4	19.9	138.9
172 Joutsa	14.6	11.8	32.1	121.7	208.8	277.5	69.0	31.4	154.3
179 Jyväskylä	1.6	11.2	29.3	120.5	205.9	284.5	102.8	30.7	151.5
182 Jämsä	0.6	13.1	30.5	120.7	201.5	284.1	98.8	29.6	155.9
216 Kannonkoski	0.3	11.5	22.1	107.1	170.1	229.8	33.3	34.2	130.3
226 Karstula	0.1	9.6	23.8	98.4	158.4	212.7	32.0	28.0	126.0
249 Keuruu	0.7	10.1	30.0	111.3	177.4	257.1	134.5	33.4	138.4
256 Kinnula	0.7	8.4	26.8	99.1	157.3	202.7	48.4	30.1	118.7
265 Kivijärvi	0.2	7.1	24.1	102.0	158.2	208.4	39.7	31.3	117.7
275 Konnevesi	0.5	7.9	29.7	116.0	185.5	283.9	30.3	43.5	130.7
291 Kuhmoinen	1.2	14.4	30.4	122.8	209.6	293.3	82.8	27.8	165.1
312 Kyyjärvi	0.0	7.9	24.2	92.4	147.8	193.3	39.5	30.7	114.1
410 Laukaa	1.3	10.0	28.6	117.6	198.4	285.4	51.9	39.3	145.5
435 Luhanka	1.8	12.0	31.9	125.3	216.7	291.4	104.6	28.5	162.3
495 Multia	0.0	12.4	29.3	105.6	166.4	242.4	120.7	30.3	134.7
500 Muurame	1.2	9.8	29.5	123.9	211.3	288.9	106.1	29.6	154.1
592 Petäjävesi	0.2	13.8	28.5	115.0	189.1	272.6	122.9	30.0	145.0
601 Pihtipudas	0.8	9.0	24.1	104.7	162.8	214.8	57.0	32.1	126.0
729 Saarijärvi	0.2	11.9	27.4	104.4	171.3	240.5	72.6	33.9	135.0
850 Toivakka	4.8	12.9	29.3	119.4	204.3	277.7	65.4	30.9	151.3
892 Uurainen	0.4	9.9	30.0	107.9	176.4	257.1	104.8	35.7	136.6

Table 5b. The mean volume of growing stock in development classes on forest land by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality	m ³ /ha								
931 Viitasaari	0.7	13.6	25.1	113.3	177.4	242.0	58.7	45.7	133.5
992 Äänekoski	0.5	11.8	31.7	108.8	188.3	267.6	32.7	113.0	147.0
Total	1.2	11.1	28.5	111.5	182.1	260.1	71.3	36.7	140.2
Pohjois-Savo									
140 Iisalmi	0.7	9.7	36.0	116.5	188.1	36.9	0.0	0.0	131.2
174 Juankoski	1.7	12.0	32.1	115.3	191.4	586.9	111.3	17.8	142.5
204 Kaavi	1.2	7.5	29.5	114.5	182.9	321.0	90.7	18.8	140.5
239 Keitele	1.1	12.1	27.5	116.4	180.6	248.5	145.6	8.5	139.6
263 Kiuruvesi	3.4	6.7	33.3	105.7	169.2	244.9	20.7	20.2	120.3
297 Kuopio	1.8	10.3	31.2	118.7	203.2	296.5	32.2	23.1	151.3
402 Lapinlahti	1.2	11.4	34.0	114.8	188.1	283.4	51.8	2.9	136.0
420 Leppävirta	3.7	8.9	35.8	120.6	205.3	296.3	31.2	29.0	155.5
476 Maaninka	0.4	9.2	29.6	119.7	196.7	296.3	32.1	27.7	140.2
595 Pielavesi	1.5	8.6	31.4	117.4	184.3	277.4	42.1	24.7	141.7
686 Rautalampi	0.9	6.5	29.0	121.9	193.8	270.4	30.4	18.5	139.1
687 Rautavaara	1.7	5.9	25.0	105.6	160.1	232.6	80.3	0.0	123.5
749 Siilinjärvi	1.2	8.9	30.5	118.7	201.5	298.3	51.9	13.1	138.6
762 Sonkajärvi	5.3	6.4	27.0	104.9	161.3	234.0	100.7	19.7	117.7
778 Suonenjoki	1.8	7.0	28.2	120.9	195.0	277.0	31.6	17.4	142.4
844 Tervo	0.8	9.4	30.4	120.1	195.7	289.4	30.4	26.1	142.5
857 Tuusniemi	2.9	10.5	32.4	119.4	204.5	291.6	32.7	25.1	153.5
915 Varkaus	6.1	8.5	38.2	120.8	204.4	295.8	31.3	56.0	161.1
921 Vesanto	1.0	8.3	32.9	112.9	193.0	279.8	30.4	100.1	144.1
925 Vieremä	6.8	5.7	30.7	104.7	164.4	235.6	20.7	22.1	120.5
Total	2.2	8.5	31.4	113.8	185.1	276.8	50.3	26.7	137.8
Pohjois-Karjala									
146 Ilomantsi	1.9	5.0	27.7	106.4	165.4	239.8	-	31.3	124.2
167 Joensuu	3.7	5.1	28.6	112.7	190.8	265.8	31.4	31.2	136.5
176 Juuka	1.3	7.4	26.3	112.2	169.9	251.1	95.8	22.5	134.6
260 Kitee	7.2	12.2	32.9	112.1	197.6	268.1	60.4	27.1	150.5
276 Kontiolahti	3.5	5.7	28.5	112.8	189.3	259.7	31.0	27.9	138.3
309 Outokumpu	2.7	8.4	31.2	116.6	190.5	276.7	30.8	24.1	146.3
422 Lieksa	2.4	6.3	25.0	108.0	162.5	242.8	127.3	25.6	126.9
426 Liperi	3.3	7.5	35.3	121.7	199.3	283.3	31.8	26.4	148.6
541 Nurmes	1.9	5.9	24.2	106.7	157.6	238.7	112.0	11.2	123.1
607 Polvijärvi	2.3	7.2	28.4	110.8	179.9	255.2	13.9	25.8	134.3
707 Rääkkylä	4.7	10.6	34.5	115.9	199.2	284.0	32.2	30.6	148.2
848 Tohmajärvi	5.7	8.1	31.6	112.6	189.5	265.2	37.9	35.3	142.0
911 Valtimo	2.9	6.2	23.3	107.1	157.5	237.5	101.7	19.5	121.3
Total	2.8	6.5	28.2	110.0	175.3	254.3	90.7	27.3	132.7
Kainuu									
105 Hyrynsalmi	5.2	6.2	21.1	87.8	135.5	198.1	20.6	24.8	99.0
205 Kajaani	11.9	6.6	25.7	96.9	151.8	199.7	21.4	30.1	109.4
290 Kuhmo	2.2	7.6	21.5	91.7	140.2	212.3	21.0	19.2	108.3
578 Paltamo	7.9	6.0	24.4	98.0	152.3	201.9	20.7	34.2	103.9
620 Puolanka	9.1	5.0	20.1	85.8	131.0	182.8	21.4	41.9	92.3
697 Ristijärvi	7.3	6.3	22.7	94.1	145.3	205.4	20.5	25.4	101.6
765 Sotkamo	4.5	6.6	22.9	99.8	154.2	224.0	55.7	20.8	115.3
777 Suomussalmi	2.0	6.1	17.4	79.8	124.7	181.2	20.6	22.7	90.3
785 Vaala	11.3	6.0	24.4	82.6	128.6	162.1	217.9	83.6	86.8
Total	5.2	6.4	21.1	89.2	139.7	197.4	29.4	34.4	101.1
Pohjois-Pohjanmaa									
009 Alavieska	4.2	7.3	29.9	96.7	157.0	195.3	44.7	24.9	116.6
069 Haapajärvi	1.9	8.2	26.6	98.7	159.3	201.1	38.8	30.9	117.0
071 Haapavesi	4.7	8.1	25.2	93.0	149.9	176.4	34.6	23.8	106.1
072 Hailuoto	1.1	4.5	27.0	92.3	142.9	148.6	-	25.1	80.2
208 Kalajoki	2.3	7.7	31.0	98.5	160.1	207.2	35.7	19.4	115.9
139 Ii	0.9	14.8	25.0	76.9	122.3	121.7	66.7	14.5	80.8
244 Kempele	7.1	4.2	33.4	99.9	148.2	183.9	-	26.7	102.3
305 Kuusamo	1.7	9.2	20.9	74.6	115.9	143.4	-	20.8	85.6
317 Kärsämäki	2.0	8.5	27.6	93.1	151.6	194.9	42.5	30.2	108.3
425 Liminka	4.5	5.8	28.5	89.8	136.0	164.7	35.7	26.0	92.9
436 Lumijoki	2.5	4.0	33.1	99.5	140.2	180.6	62.0	29.8	100.4
483 Merijärvi	3.5	6.9	27.4	98.1	155.3	199.0	36.6	25.8	114.3
494 Muhos	3.5	6.0	25.9	84.4	129.2	154.9	37.5	30.6	87.2
535 Nivala	2.9	7.5	26.2	102.6	159.9	206.7	39.3	28.5	119.1
563 Oulainen	2.9	7.2	24.2	94.2	153.4	186.5	38.9	24.5	107.6
564 Oulu	1.2	9.4	26.1	88.1	134.8	150.6	64.4	27.6	96.3
615 Pudasjärvi	4.9	5.4	21.3	82.0	114.4	144.5	35.6	28.9	85.2
625 Pyhäjoki	6.2	7.4	27.6	96.9	154.5	188.9	33.6	24.3	109.2
626 Pyhäsalmi	3.2	6.6	28.0	96.3	155.9	199.1	35.5	30.9	112.0
630 Pyhäntä	10.0	6.4	28.3	88.4	139.1	173.4	20.7	36.2	98.5
678 Raahe	4.2	7.0	26.8	93.4	149.6	178.3	33.9	24.5	106.5
691 Reisjärvi	1.3	7.5	30.3	99.1	161.4	210.1	44.9	28.0	121.0
746 Sievi	1.0	7.6	24.0	90.6	148.7	186.2	37.2	27.8	106.1
748 Siikajoki	2.6	6.2	27.4	96.7	145.3	176.8	40.2	28.7	101.9
791 Siikalatva	6.4	7.3	28.6	89.7	137.6	168.6	36.4	41.4	98.5
832 Taivalkoski	1.9	7.7	18.7	77.5	116.6	159.2	-	20.8	88.5
859 Tyrnävä	3.7	5.4	28.5	92.3	134.0	167.8	36.5	26.4	96.5
889 Utajärvi	18.1	5.2	21.8	82.6	125.8	145.7	31.6	66.3	87.0
977 Ylivieska	2.3	6.2	25.8	97.2	152.9	197.6	44.2	26.1	113.7
Total	3.7	7.4	24.5	85.8	134.9	163.2	53.0	28.6	95.8

Table 5b. The mean volume of growing stock in development classes on forest land by Forest Centre regions.

Forest Centre region	Open regenerat- ion site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand m ³ /ha	Mature stand	Shelterwo- od stand	Seed tree stand	Forest land total
Municipality									
Lapland									
047 Enontekiö	13.9	17.5	12.1	51.6	53.8	83.9	16.6	49.1	59.6
148 Inari	4.9	17.9	24.7	58.3	79.1	88.3	92.9	22.5	70.4
240 Kemi	0.0	20.7	17.4	86.8	125.0	156.0	-	41.3	87.5
241 Keminmaa	0.0	19.8	30.8	85.1	124.8	139.4	68.7	40.6	87.7
261 Kittilä	1.3	18.0	25.7	63.4	82.6	87.9	71.7	23.6	67.6
273 Kolari	2.2	15.7	22.9	65.9	97.6	96.4	82.2	33.0	70.4
320 Kemijärvi	1.2	9.9	22.2	66.9	100.0	128.4	39.0	14.2	73.9
498 Muonio	4.9	12.8	18.9	58.0	80.4	101.8	16.6	30.7	70.7
583 Pelkosenniemi	3.4	12.4	32.3	66.8	100.7	104.5	93.8	21.5	69.8
614 Posio	1.3	10.2	17.0	73.0	105.0	123.3	-	8.7	78.3
683 Ranua	6.2	12.4	23.2	75.5	111.5	125.2	71.9	20.3	81.0
698 Rovaniemi	9.3	13.7	26.2	71.4	113.1	117.9	21.8	26.5	76.4
732 Salla	2.9	13.7	23.2	68.9	89.0	98.3	77.6	20.0	71.1
742 Savukoski	4.5	14.9	18.6	61.8	74.8	89.4	102.2	18.9	61.1
751 Simo	10.4	18.8	29.8	76.4	118.1	124.3	73.0	21.4	79.7
758 Sodankylä	4.2	14.0	20.5	58.0	78.9	84.0	65.7	20.2	62.4
845 Tervola	2.6	12.6	27.0	82.6	126.9	135.0	71.1	28.0	83.2
851 Tornio	0.0	19.8	25.6	87.0	127.5	145.3	70.2	26.0	89.0
854 Pello	3.3	12.1	26.6	78.5	104.6	114.6	79.3	31.5	75.9
890 Utsjoki	-	0.0	29.8	61.1	60.0	68.2	-	0.0	63.7
976 Ylitornio	0.6	12.6	25.3	81.2	111.6	120.2	71.6	37.3	72.6
Total	3.7	14.6	23.7	67.3	93.4	95.6	64.1	23.8	70.8

Table 5c. Development class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region		Open regeneration			Young seedling			Advanced seedling			Young thinning			Advanced thinning			Mature stand			Shelterwood stand			Seed tree stand			Forest land total					
	Municipality	ha	%	site	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	
738	Sauvo	95	0.8	1 004	8.0	1 348	10.8	2 532	20.3	4 891	39.2	2 559	20.5	7	0.1	53	0.4	12 489	100.0												
747	Sillkainen	137	0.4	1 736	5.2	4 049	12.2	8 708	26.3	12 151	36.7	6 277	18.9	14	0.0	81	0.3	33 154	100.0												
761	Somero	415	1.3	2 025	6.1	4 388	13.3	7 421	22.5	12 044	36.5	6 467	19.6	138	0.4	86	0.3	32 984	100.0												
783	Säkylä	315	3.4	554	5.9	1 088	11.6	2 129	22.8	3 298	35.3	1 902	20.4	3	0.0	57	0.6	9 347	100.0												
833	Taivassalo	29	0.4	463	6.9	755	11.3	1 446	21.6	2 302	34.3	1 660	24.8	4	0.1	44	0.7	6 702	100.0												
838	Tarvasjoki	39	0.9	275	6.4	610	14.2	851	19.8	1 608	37.4	857	20.0	25	0.6	31	0.7	4 296	100.0												
853	Turku-Abo	104	1.1	685	7.5	1 158	12.7	1 720	18.8	3 164	34.7	2 183	23.9	5	0.1	107	1.2	9 126	100.0												
886	Ulvila	189	0.7	1 392	5.1	3 175	11.6	7 079	25.9	10 657	38.9	4 821	17.6	3	0.0	64	0.2	27 381	100.0												
895	Uusikaupunki	71	0.2	1 494	5.0	3 488	11.8	6 896	23.2	11 147	37.6	6 402	21.6	14	0.1	173	0.6	29 686	100.0												
918	Vehmaa	59	0.6	872	8.6	1 446	14.2	2 531	24.8	3 351	32.9	1 864	18.3	1	0.0	64	0.6	10 188	100.0												
Total		10 690	1.1	56 055	5.9	114 244	12.0	228 678	24.0	351 050	36.9	185 503	19.5	1 078	0.1	4 730	0.5	952 028	100.0												
Häme-Uusimaa																															
016	Asikkala	528	1.3	2 562	6.3	5 560	13.7	10 665	26.3	14 092	34.7	7 144	17.6	35	0.1	47	0.1	40 633	100.0												
018	Askola	282	2.5	946	8.2	1 665	14.5	2 909	25.3	3 866	33.6	1 741	15.1	36	0.5	56	0.5	11 500	100.0												
061	Forssa	182	1.3	1 008	7.4	1 868	13.7	2 730	20.0	5 094	37.3	2 713	19.9	40	0.3	31	0.2	13 665	100.0												
081	Hartola	643	1.5	3 006	6.8	5 905	13.4	11 100	25.1	15 497	35.0	7 914	17.9	26	0.1	132	0.3	44 223	100.0												
082	Hattula	300	1.3	1 445	6.3	2 908	12.7	6 461	28.3	8 047	35.2	3 664	16.0	17	0.1	31	0.1	22 872	100.0												
086	Hausjärvi	398	1.9	1 457	7.1	3 034	14.7	5 185	25.1	7 044	34.1	3 427	16.6	36	0.2	60	0.3	20 639	100.0												
098	Hollola	423	1.5	2 194	7.7	4 264	14.9	7 130	24.9	9 582	33.5	4 965	17.3	33	0.1	57	0.2	28 648	100.0												
103	Humppila	289	4.0	627	8.7	1 046	14.4	1 357	18.7	2 492	34.4	1 355	18.7	31	0.4	48	0.7	7 245	100.0												
106	Hyvinkää	406	2.2	1 251	6.7	2 470	13.2	4 852	25.8	6 548	34.9	3 173	16.9	44	0.2	43	0.2	18 786	100.0												
109	Hämeenlinna	1 616	1.3	8 104	6.5	15 593	12.4	30 895	24.6	45 856	36.6	23 099	18.4	144	0.1	170	0.1	125 477	100.0												
111	Heinola	906	1.6	3 419	6.1	6 843	12.2	14 414	25.6	20 536	36.5	10 016	17.8	84	0.2	122	0.2	56 339	100.0												
165	Janakkala	596	1.8	2 218	6.7	4 348	13.2	8 348	25.3	11 633	35.2	5 813	17.6	50	0.2	44	0.1	33 051	100.0												
169	Jokioinen	232	2.9	681	8.6	1 261	15.8	1 457	18.3	2 593	32.6	1 659	20.8	47	0.6	37	0.5	7 966	100.0												
186	Järvenpää	56	4.5	121	9.8	201	16.4	293	23.8	343	27.9	206	16.8	3	0.3	7	0.6	1 230	100.0												
224	Karkkila	236	1.4	1 021	6.2	2 247	13.6	4 237	25.6	5 824	35.3	2 880	17.4	36	0.2	41	0.3	16 523	100.0												
245	Kerava	53	4.5	94	7.9	154	13.0	280	23.7	383	32.3	213	18.0	2	0.2	6	0.5	1 185	100.0												
283	Hämeenkoski	214	1.8	1 025	8.7	1 797	15.3	2 764	23.6	3 839	32.7	2 042	17.4	13	0.1	34	0.3	11 729	100.0												
316	Kärkölä	345	2.5	1 260	9.2	2 311	16.9	3 542	25.9	4 190	30.6	1 980	14.5	26	0.2	33	0.2	13 686	100.0												
398	Lahti	190	3.1	527	8.5	991	15.9	1 442	23.1	2 025	32.5	1 029	16.5	10	0.2	26	0.4	6 241	100.0												
433	Loppi	745	1.8	2 754	6.7	5 566	13.5	10 957	26.5	14 164	34.3	7 010	17.0	73	0.2	82	0.2	41 350	100.0												
444	Lohja	1 112	1.9	3 955	6.9	8 610	15.0	15 695	27.3	17 673	30.8	9 881	17.2	188	0.3	286	0.5	57 399	100.0												
504	Myrskylä-Mörskom	201	1.7	976	8.2	1 870	15.7	2 953	24.8	4 383	36.8	1 477	12.4	28	0.2	30	0.3	11 918	100.0												
505	Mäntsälä	883	2.6	2 755	8.1	4 864	14.4	8 469	25.0	11 397	33.6	5 378	15.9	79	0.2	82	0.2	33 908	100.0												
532	Nastola	170	0.8	1 433	6.7	3 794	17.8	5 596	26.2	7 875	36.9	2 444	11.4	37	0.2	25	0.1	21 374	100.0												
543	Nurmijärvi	457	2.6	1 475	8.5	3 021	17.4	4 825	27.8	4 874	28.1	2 579	14.9	47	0.3	71	0.4	17 347	100.0												
560	Orimattila	883	2.0	3 828	8.8	7 351	17.0	11 194	25.8	14 264	32.9	5 532	12.8	109	0.3	153	0.4	43 316	100.0												
576	Padasjoki	543	1.3	2 168	5.3	4 308	10.5	9 913	24.2	15 364	37.5	8 563	20.9	40	0.1	55	0.1	40 954	100.0												
611	Pornainen	126	1.6	376	4.7	1 046	13.0	2 304	28.6	2 894	35.9	1 279	15.9	19	0.2	23	0.3	8 068	100.0												
616	Pukki	173	2.5	561	8.0	1 147	16.3	2 034	28.9	2 174	30.8	1 279	15.9	18	0.3	25	0.4	7 050	100.0												
694	Riihimäki	146	2.2	496	7.6	1 031	15.9	1 653	25.5	2 110	32.5	1 025	15.8	14	0.2	15	0.2	6 490	100.0												
781	Sysmä	908	1.7	3 718	7.1	7 324	13.9	12 683	24.1	18 219	34.6	9 702	18.4	41	0.1	144	0.3	52 738	100.0												
834	Tammela	542	1.3	2 304	5.6	4 381	10.6	10 568	25.5	16 087	38.8	7 436	17.9	65	0.2	91	0.2	41 474	100.0												

Table 5c. Development class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region			Open regeneration			Young seedling stand			Advanced seedling stand			Young thinning stand			Advanced thinning stand			Mature stand			Shelterwood stand			Seed tree stand			Forest land total									
Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%						
980 Ylöjärvi	1 064	1.2	4 895	5.7	11 255	13.0	22 032	25.4	34 349	39.6	12 978	15.0	15	0.0	95	0.1	86 682	100.0	12 332	1.4	51 593	5.7	123 325	13.7	226 074	25.1	339 376	37.6	147 243	16.3	902 426	100.0				
Etelä-Savo																																				
046 Enonkoski	202	0.9	1 706	7.5	3 590	15.8	5 537	24.3	7 594	33.4	4 060	17.8	22	0.1	58	0.3	22 769	100.0	760	0.9	5 868	6.7	13 218	15.0	22 397	25.4	29 876	33.9	15 672	17.8	88 037	100.0				
090 Heinävesi	383	1.1	2 445	6.7	4 996	13.6	10 150	27.7	12 103	33.0	6 440	17.6	18	0.1	119	0.3	36 652	100.0	297	0.7	3 285	7.6	6 987	16.1	12 351	28.4	13 659	31.4	6 789	15.6	43 519	100.0				
171 Joroinen	564	0.6	5 955	6.3	13 360	14.2	25 214	26.8	31 643	33.6	17 095	18.1	87	0.1	328	0.4	94 246	100.0	1 015	1.1	6 621	7.3	15 080	16.6	25 060	27.6	26 982	29.7	15 638	17.2	90 795	100.0				
213 Kangasniemi	1 430	0.7	13 590	6.6	27 596	13.3	53 289	25.8	69 038	33.4	41 064	19.9	156	0.1	763	0.4	206 926	100.0	1 285	1.6	4 448	5.4	9 318	11.2	21 469	25.9	30 815	37.2	15 241	18.4	82 894	100.0				
507 Mäntyharju	447	1.4	2 126	6.8	4 478	14.4	7 820	25.1	10 800	34.7	5 415	17.4	19	0.1	43	0.1	31 148	100.0	1 313	1.0	9 159	7.0	18 208	14.0	42 051	32.2	40 799	31.3	18 448	14.1	384	0.3	130 449	100.0		
588 Pertunmaa	432	0.7	4 873	7.3	8 051	12.1	16 746	25.2	24 019	36.2	12 029	18.1	76	0.1	115	0.2	66 340	100.0	593	0.8	3 411	8.4	7 136	17.6	10 526	25.9	12 469	30.7	6 454	15.9	40 599	100.0				
623 Puumala	1 455	0.8	13 747	7.7	25 584	14.3	44 606	24.9	62 998	35.1	30 421	17.0	146	0.1	399	0.2	179 356	100.0	717	1.5	5 526	11.3	7 578	15.5	11 943	24.4	15 312	31.3	7 739	15.8	48 979	100.0				
740 Savonlinna	10 696	0.9	82 759	7.1	165 179	14.2	309 159	26.6	388 106	33.4	202 505	17.4	949	0.1	3 355	0.3	1 162 709	100.0																		
Total																																				
Etelä-Pohjanmaa																																				
005 Alejärvi	1 118	1.6	4 746	6.7	7 110	10.0	23 781	33.3	25 470	35.7	8 900	12.5	30	0.0	248	0.4	71 404	100.0	715	1.0	4 829	6.5	9 487	12.7	21 106	28.2	26 523	35.5	11 780	15.8	269	0.4	74 738	100.0		
010 Alavus	218	0.9	1 818	7.7	3 093	13.1	8 401	35.7	7 227	30.7	2 741	11.6	8	0.0	62	0.3	23 559	100.0	219	0.8	1 628	6.0	3 019	11.2	10 431	38.7	8 516	31.6	3 016	11.2	33	0.1	84	0.3	26 946	100.0
074 Halsua	535	1.6	2 199	6.7	4 965	15.2	9 159	28.0	10 797	33.0	4 957	15.2	14	0.0	70	0.2	32 696	100.0	289	0.7	2 276	5.3	4 540	10.6	12 781	29.9	15 841	37.1	6 911	16.2	28	0.1	33	0.1	42 699	100.0
145 Ilmajoki	342	1.8	1 369	7.1	3 038	15.8	6 096	31.6	5 796	30.1	2 584	13.4	8	0.0	39	0.2	19 272	100.0	445	0.9	3 151	6.4	6 883	14.1	13 777	28.2	16 812	34.4	7 695	15.7	28	0.1	147	0.3	48 937	100.0
151 Isojoki	505	1.6	1 858	5.9	3 172	10.0	12 118	38.2	10 158	32.0	3 864	12.2	8	0.0	69	0.2	31 752	100.0	218	1.3	823	6.7	1 524	12.4	4 091	33.3	3 469	28.3	2 178	17.7	13	0.1	24	0.2	12 277	100.0
164 Jalasjärvi	494	0.7	3 924	5.2	9 147	12.2	24 410	32.5	25 028	33.3	11 891	15.8	96	0.1	146	0.2	75 135	100.0	155	1.3	833	6.7	1 524	12.4	4 091	33.3	3 469	28.3	2 178	17.7	13	0.1	24	0.2	12 277	100.0
217 Kannus	494	0.7	3 924	5.2	9 147	12.2	24 410	32.5	25 028	33.3	11 891	15.8	96	0.1	146	0.2	75 135	100.0	232	0.9	2 102	6.6	3 921	12.3	9 789	30.7	10 699	33.6	4 804	15.1	12	0.0	235	0.3	72 122	100.0
232 Kauhajoki	1 014	1.3	6 075	8.0	11 045	14.5	23 760	31.2	23 569	30.9	10 443	13.7	49	0.1	294	0.4	76 249	100.0	233	0.9	3 799	6.5	8 949	15.3	18 449	31.6	17 464	29.9	9 047	15.5	123	0.2	58 418	100.0		
236 Kaustinen	191	0.8	1 211	5.3	2 353	10.3	8 693	37.9	7 647	33.3	2 810	12.2	1	0.0	54	0.2	22 960	100.0	272	1.8	5 844	8.1	7 472	10.4	26 613	36.9	22 144	30.7	8 507	11.8	23	0.0	235	0.3	72 122	100.0
272 Kokkola-Karleby E-Pohjanmaa	424	1.3	2 102	6.6	3 921	12.3	9 789	30.7	10 699	33.6	4 804	15.1	12	0.0	95	0.3	31 846	100.0	300	0.9	3 799	6.5	8 949	15.3	18 449	31.6	17 464	29.9	9 047	15.5	123	0.2	58 418	100.0		
300 Kurikka	374	1.2	1 833	5.7	3 858	12.0	10 528	32.6	10 156	31.5	5 480	17.0	18	0.1	49	0.2	32 297	100.0	301	1.1	1 784	6.2	3 292	11.5	10 139	35.4	9 571	33.4	3 466	12.1	4	0.0	82	0.3	28 638	100.0
399 Laihia	503	1.2	2 308	5.5	5 419	12.8	12 171	30.1	14 928	35.3	6 253	14.8	11	0.0	109	0.3	42 247	100.0	403	1.4	2 471	7.7	3 722	11.6	11 536	35.9	10 330	32.2	3 478	10.8	35	0.1	116	0.4	32 124	100.0
408 Lapua	452	1.0	2 527	5.5	4 285	9.3	17 325	37.6	16 273	35.3	5 048	11.0	37	0.1	123	0.3	46 069	100.0	421	1.4	2 384	7.3	3 722	11.6	11 536	35.9	10 330	32.2	3 478	10.8	35	0.1	116	0.4	32 124	100.0
584 Perho	1 189	1.4	6 204	7.3	13 059	15.3	24 607	28.8	28 566	33.4	11 573	13.5	26	0.1	110	0.3	85 461	100.0	743	1.1	4 284	5.8	3 741	9.1	13 300	32.5	15 978	39.0	5 003	12.2	26	0.1	110	0.3	40 985	100.0
759 Soini	195	0.5	2 058	5.7	5 022	14.0	12 188	34.0	10 635	29.7	5 658	15.8	51	0.1	53	0.2	35 861	100.0	846	1.1	2 384	5.8	3 741	9.1	13 300	32.5	15 978	39.0	5 003	12.2	26	0.1	110	0.3	40 985	100.0
849 Toholampi	447	1.2	2 624	7.0	4 418	11.7	13 807	36.7	11 366	30.2	4 832	12.8	39	0.1	110	0.3	37 644	100.0																		

Table 5c. Development class distribution on forest land available for wood supply by Forest Centre regions.

	Forest Centre region												Forest land total									
	Open regeneration				Advanced seedling stand				Young thinning stand				Advanced thinning stand				Shelterwood stand		Seed tree stand			
	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%		
Municipality																						
924 Veteli	380	1.3	1 859	6.1	2 973	9.8	11 182	36.7	10 575	34.7	3 406	11.2	11	0.0	92	0.3	30 479	100.0				
934 Vimpeli	201	1.1	1 129	6.2	1 951	10.7	6 478	35.4	6 272	34.3	2 194	12.0	7	0.0	59	0.3	18 292	100.0				
989 Anttari	808	1.3	4 006	6.2	6 608	10.2	19 527	30.2	24 959	38.6	8 542	13.2	26	0.0	124	0.2	64 600	100.0				
Total	14 194	1.2	78 839	6.5	148 066	12.2	396 791	32.6	406 768	33.5	167 060	13.7	733	0.1	3 253	0.3	1 215 703	100.0				
Keski-Suomi																						
077 Hankasalmi	633	1.4	3 311	7.4	7 747	17.3	13 446	30.0	12 799	28.6	6 714	15.0	6	0.0	135	0.3	44 792	100.0				
172 Joutsa	483	0.7	4 527	6.6	10 648	15.4	19 453	28.2	22 054	32.0	11 570	16.8	47	0.1	243	0.4	69 025	100.0				
179 Jyväskylä	1 191	1.3	6 590	7.2	15 497	16.8	23 838	25.9	28 180	30.6	16 499	17.9	35	0.0	316	0.3	92 146	100.0				
182 Jämsä	1 395	1.1	7 381	5.7	20 004	15.4	33 152	25.5	45 355	34.9	22 277	17.2	60	0.1	223	0.2	129 848	100.0				
216 Kannonkoski	659	1.8	2 728	7.3	3 792	10.1	10 605	28.3	14 746	39.4	4 810	12.9	10	0.0	71	0.2	37 421	100.0				
226 Karstula	642	0.9	3 196	4.7	6 313	9.3	20 854	30.6	28 143	41.3	8 953	13.1	27	0.0	90	0.1	68 218	100.0				
249 Keuruu	1 140	1.1	6 090	5.7	13 619	12.9	30 314	28.6	40 751	38.4	13 889	13.1	27	0.0	181	0.2	106 010	100.0				
256 Kinnula	434	1.2	2 253	6.3	3 661	10.3	11 793	33.1	13 099	36.7	4 299	12.1	27	0.1	89	0.3	35 655	100.0				
265 Kivijärvi	663	1.8	3 067	8.1	4 243	11.2	11 319	29.8	14 208	37.4	4 377	11.5	21	0.1	104	0.3	38 001	100.0				
275 Konnevesi	1 122	2.6	5 285	12.4	6 621	15.6	11 155	26.2	11 848	27.9	6 280	14.8	35	0.1	177	0.4	42 521	100.0				
291 Kuhmoinen	672	1.2	3 473	6.4	8 213	15.2	13 021	24.0	18 287	33.7	10 401	19.2	41	0.1	109	0.2	54 218	100.0				
312 Kyyjärvi	209	0.7	1 632	5.0	2 700	8.3	11 539	35.6	12 738	39.4	3 481	10.8	18	0.1	56	0.2	32 373	100.0				
410 Laukaa	681	1.4	3 781	7.7	8 129	16.6	12 923	26.4	15 021	30.7	8 133	16.6	24	0.1	182	0.4	48 874	100.0				
435 Luhanka	189	1.1	1 020	5.8	2 831	16.0	4 654	26.3	5 792	32.7	3 172	17.9	6	0.0	44	0.3	17 707	100.0				
495 Multia	603	1.0	2 982	4.8	6 464	10.4	18 366	29.6	25 566	41.2	7 953	12.8	12	0.0	101	0.2	62 047	100.0				
500 Muurame	134	1.3	774	7.4	1 861	17.7	2 737	26.1	3 039	29.0	1 906	18.2	5	0.1	42	0.4	10 498	100.0				
592 Petäjävesi	366	1.0	2 375	6.3	5 827	15.4	10 121	26.7	13 037	34.3	6 124	16.1	14	0.0	98	0.3	37 962	100.0				
601 Pihlajavesi	851	1.0	5 020	6.0	7 700	9.1	27 873	33.1	32 982	39.2	9 673	11.5	13	0.0	115	0.1	84 229	100.0				
729 Saarijärvi	1 114	1.1	5 667	5.7	11 424	11.5	27 712	28.0	39 085	39.5	13 929	14.1	16	0.0	113	0.1	99 059	100.0				
850 Toivakka	417	1.4	2 210	7.4	4 689	15.6	7 887	26.3	9 148	30.5	5 533	18.4	12	0.0	121	0.4	30 016	100.0				
892 Uurainen	355	1.3	1 771	6.3	4 029	14.3	7 391	26.2	10 462	37.1	4 150	14.7	4	0.0	46	0.2	28 208	100.0				
931 Viitasaari	1 044	1.0	7 775	7.4	13 248	12.6	30 274	28.9	39 607	37.8	12 721	12.1	29	0.0	168	0.2	104 866	100.0				
992 Äänekoski	924	1.3	5 094	7.0	8 825	12.1	19 013	26.0	27 183	37.2	11 808	16.2	17	0.0	148	0.2	73 012	100.0				
Total	15 921	1.2	88 002	6.5	178 084	13.2	379 440	28.2	483 132	35.9	198 652	14.8	504	0.0	2 972	0.2	1 346 706	100.0				
Pohjois-Savo																						
140 Iisalmi	580	1.1	4 766	8.6	8 252	15.0	20 537	37.2	15 248	27.6	5 819	10.5	0	0.0	0	0.0	55 203	100.0				
174 Juankoski	282	0.8	2 230	6.4	5 513	15.7	11 222	31.9	10 988	31.3	4 891	13.9	4	0.0	15	0.1	35 144	100.0				
204 Kaavi	725	1.3	2 707	6.4	6 890	11.9	18 088	31.3	21 221	36.7	7 209	12.5	7	0.0	31	0.1	57 878	100.0				
239 Keitele	398	1.0	2 407	6.0	4 616	11.5	12 330	30.8	15 370	38.4	4 923	12.3	9	0.0	28	0.1	40 081	100.0				
263 Kuruvesi	764	0.8	8 004	8.4	11 024	11.6	36 137	38.1	31 038	32.7	7 828	8.3	0	0.0	38	0.0	94 831	100.0				
297 Kuopio	1 575	0.9	11 912	6.6	27 191	15.0	57 190	31.5	54 952	30.3	28 175	15.5	61	0.0	351	0.2	181 406	100.0				
402 Lapinlahti	767	0.9	6 166	7.5	11 239	13.7	30 362	36.9	24 806	30.1	8 987	10.9	0	0.0	0	0.0	82 328	100.0				
420 Leppävirta	568	0.6	6 518	7.0	14 628	15.7	26 808	28.7	28 494	30.5	16 121	17.3	58	0.1	202	0.2	93 397	100.0				
476 Maaninka	279	0.8	2 470	7.3	5 797	17.2	11 010	32.7	9 500	28.2	4 508	13.4	10	0.0	75	0.2	33 649	100.0				
595 Pielavesi	1 043	1.1	6 146	6.5	11 804	12.5	31 527	33.5	31 131	33.0	12 517	13.3	12	0.0	59	0.1	94 239	100.0				
686 Rautalammi	466	1.1	3 015	7.2	6 062	14.4	14 883	35.4	12 157	28.9	5 317	12.6	1	0.0	198	0.5	42 099	100.0				
687 Rautavaara	1 099	1.2	5 282	5.8	7 753	8.6	34 918	38.5	33 846	37.3	7 745	8.5	42	0.1	19	0.0	90 703	100.0				
749 Siilinjärvi	304	1.2	2 357	9.0	4 847	18.4	8 194	31.2	6 715	25.5	3 819	14.5	8	0.0	47	0.2	26 292	100.0				
762 Sonkajärvi	777	0.7	8 229	7.0	12 463	10.6	48 358	41.1	38 938	33.1	8 896	7.6	5	0.0	54	0.1	117 710	100.0				

Table 5c. Development class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region		Open regeneration				Young seedling				Advanced seedling				Young thinning				Advanced thinning				Mature stand				Shelterwood stand				Seed tree stand				Forest land total				
Municipality	ha	%	site	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	stand	ha	%	total	ha	%			
																																				ha	%	ha
778 Suonenjoki	726	1.2		4 490	7.6		8 108	13.7		19 073	32.3		18 159	30.8		8 159	13.8		27	0.1		247	0.4		58 988	100.0												
844 Tervo	229	0.8		1 804	6.2		4 718	16.3		9 600	33.2		8 754	30.3		3 720	12.9		1	0.0		110	0.4		28 937	100.0												
857 Tuusniemi	410	0.9		2 517	5.6		7 595	16.9		12 745	28.3		14 085	31.3		7 531	16.7		14	0.0		79	0.2		44 977	100.0												
915 Varkaus	144	0.5		2 041	6.7		4 649	15.2		7 815	25.6		9 981	32.7		5 817	19.0		21	0.1		76	0.3		30 545	100.0												
921 Vesanto	291	0.8		2 237	6.4		4 899	14.0		10 927	31.3		11 670	33.4		4 854	13.9		10	0.0		55	0.2		34 943	100.0												
925 Vieremä	443	0.7		5 076	7.5		7 187	10.6		26 318	38.7		23 289	34.3		5 604	8.3		6	0.0		37	0.1		67 959	100.0												
Total	11 871	0.9		91 373	7.0		175 234	13.4		448 041	34.2		420 343	32.1		162 429	12.4		296	0.0		1 724	0.1		1 311 311	100.0												
Pohjois-Karjala																																						
146 Ilomantsi	1 835	0.9		14 554	7.1		20 323	9.9		78 399	38.1		72 614	35.3		17 950	8.7		0	0.0		28	0.0		205 703	100.0												
167 Joensuu	1 642	0.8		16 041	8.0		27 971	13.9		63 824	31.7		66 284	33.0		25 039	12.5		18	0.0		294	0.2		201 113	100.0												
176 Juuka	1 291	1.0		7 322	5.7		12 230	9.5		43 807	34.2		49 206	38.4		14 106	11.0		82	0.1		137	0.1		128 180	100.0												
260 Kitee	530	0.5		5 610	5.7		13 121	13.4		26 730	27.2		37 795	38.5		14 229	14.5		48	0.1		169	0.2		98 232	100.0												
276 Kontiolahti	791	1.2		4 436	6.7		8 799	13.2		21 224	31.9		22 782	34.2		8 373	12.6		0	0.0		198	0.3		66 604	100.0												
309 Outokumpu	448	1.3		1 897	5.4		4 559	12.9		10 315	29.3		13 586	38.5		4 340	12.3		0	0.0		120	0.3		35 264	100.0												
422 Lieksa	2 537	0.9		19 071	7.0		28 851	10.5		100 442	36.7		92 905	33.9		30 121	11.0		29	0.0		64	0.0		274 020	100.0												
426 Liperi	618	1.2		3 273	6.3		8 208	15.7		14 584	28.0		18 191	34.9		7 092	13.6		18	0.0		150	0.3		52 134	100.0												
541 Nurmes	1 118	0.9		8 339	6.3		13 030	9.9		51 338	38.9		44 938	34.0		13 143	10.0		70	0.1		33	0.0		132 009	100.0												
607 Polvijärvi	503	0.8		3 241	5.3		7 616	12.6		20 647	34.0		22 346	36.8		6 210	10.3		0	0.0		85	0.1		60 649	100.0												
707 Rääkkylä	190	0.6		2 171	6.7		5 180	16.0		8 785	27.0		11 545	35.5		4 539	13.9		5	0.1		71	0.2		62 486	100.0												
848 Tohmajärvi	366	0.6		4 161	6.4		8 288	12.8		20 283	31.3		23 391	36.1		8 207	12.7		9	0.0		58	0.1		64 763	100.0												
911 Valtimo	410	0.6		3 983	6.0		6 539	9.9		26 764	40.5		22 823	34.6		5 484	8.3		52	0.1		10	0.0		66 065	100.0												
Total	12 278	0.9		94 100	6.6		164 716	11.6		487 142	34.4		498 406	35.2		158 832	11.2		333	0.0		1 415	0.1		1 417 222	100.0												
Kainuu																																						
105 Hyrynsalmi	1 211	1.1		8 958	8.2		10 975	10.0		49 920	45.7		26 919	24.6		11 243	10.3		14	0.0		93	0.1		109 333	100.0												
205 Kajaani	1 170	0.8		10 842	7.6		11 814	8.3		60 608	42.7		46 360	32.7		10 906	7.7		10	0.0		189	0.1		141 898	100.0												
290 Kuhmo	3 402	0.9		25 950	7.2		30 641	8.4		167 320	46.1		96 139	26.5		39 445	10.9		38	0.0		152	0.0		363 087	100.0												
578 Paltamo	886	1.2		6 679	8.7		9 198	12.0		31 899	41.7		21 215	27.8		6 456	8.4		30	0.0		86	0.1		76 449	100.0												
620 Puolanka	2 324	1.3		17 767	9.8		20 245	11.2		78 417	43.4		44 582	24.7		16 901	9.4		9	0.0		258	0.1		180 502	100.0												
697 Ristijärvi	678	1.0		5 917	8.4		8 193	11.7		30 299	43.2		18 542	26.4		6 494	9.3		15	0.0		47	0.1		70 184	100.0												
765 Sotkamo	1 686	0.8		14 574	6.7		20 039	9.3		92 002	42.5		68 634	31.7		19 292	8.9		39	0.0		170	0.1		216 436	100.0												
777 Suomussalmi	4 647	1.2		32 251	8.5		38 858	10.3		176 607	46.7		80 112	21.2		45 611	12.1		8	0.0		319	0.1		378 413	100.0												
785 Vaala	1 020	1.2		6 821	8.2		8 881	10.6		39 404	47.1		20 761	24.8		6 549	7.8		0	0.0		169	0.2		83 606	100.0												
Total	17 024	1.1		129 757	8.0		158 844	9.8		726 475	44.9		423 264	26.1		162 897	10.1		163	0.0		1 484	0.1		1 619 909	100.0												
Pohjois-Pohjanmaa																																						
009 Alavieska	211	1.3		1 144	7.1		1 682	10.5		5 430	33.8		5 038	31.3		2 551	15.9		3	0.0		23	0.1		16 082	100.0												
069 Haapajärvi	580	1.0		3 681	6.5		5 738	10.1		21 066	37.0		18 942	33.3		6 802	12.0		27	0.1		54	0.1		56 889	100.0												
071 Haapavesi	919	1.2		5 758	7.7		7 648	10.2		28 065	37.4		23 677	31.6		8 843	11.8		67	0.1		71	0.1		75 046	100.0												
072 Halluoto	467	3.6		1 930	14.9		2 020	15.6		3 935	30.4		2 768	21.4		1 790	13.8		0	0.0		32	0.2		12 942	100.0												
208 Kalajo	975	1.6		4 764	7.7		5 834	9.5		22 942	37.2		19 218	31.2		7 756	12.6		1	0.0		152	0.3		61 643	100.0												
139 Ii	1 038	1.0		4 998	4.9		12 185	12.1		50 857	50.3		22 093	21.8		9 379	9.3		312	0.3		298	0.3		101 161	100.0												
244 Kempele	80	1.4		449	8.0		793	14.1		2 282	40.6		1 372	24.4		617	11.0		0	0.0		22	0.0		5 616	100.0												
305 Kuusamo	3 940	1.0		21 540	6.7		33 842	10.5		143 332	44.4		73 862	22.9		46 510	14.4		0	0.0		227	0.1		322 654	100.0												
317 Kärsämäki	523	1.0		3 887	7.5		5 192	10.0		20 405	39.3		16 713	32.2		5 208	10.0		25	0.1		36	0.1		51 990	100.0												
425 Liminka	582	1.7		2 184	6.3		4 225	12.2		15 947	46.1		8 296	24.0		3 312	9.6		9	0.0		77	0.2		34 633	100.0												

Table 5c. Development class distribution on forest land available for wood supply by Forest Centre regions.

Forest Centre region		Open regeneration			Young seedling			Advanced seedling			Young thinning			Advanced thinning			Mature stand			Shelterwood stand			Seed tree stand			Forest land total		
	Municipality	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
436	Lumijoki	191	1.6	817	6.9	1 586	13.5	5 047	42.8	2 882	24.4	1 226	10.4	1	0.0	45	0.4	11 795	100.0									
483	Merijärvi	283	1.6	1 616	9.4	1 750	10.1	5 541	32.1	5 310	30.8	2 735	15.8	6	0.0	21	0.1	17 262	100.0									
494	Muhos	976	2.1	3 682	7.8	5 658	12.0	20 674	43.8	11 424	24.2	4 656	9.9	4	0.0	119	0.3	47 193	100.0									
535	Nivala	390	1.3	2 362	7.9	3 530	11.8	9 307	31.2	9 681	32.4	4 551	15.2	16	0.1	36	0.1	29 873	100.0									
563	Oulainen	811	1.8	3 999	9.1	4 923	11.2	14 715	33.4	13 203	30.0	6 311	14.3	33	0.1	61	0.1	44 056	100.0									
564	Oulu	2 041	1.1	7 300	3.8	20 366	10.5	91 435	47.0	53 403	27.5	19 062	9.8	220	0.1	731	0.2	194 558	100.0									
615	Pudasjärvi	2 573	0.8	19 611	5.8	34 059	10.1	171 241	50.6	79 724	23.5	30 841	9.1	0	0.0	617	0.2	338 666	100.0									
625	Pyhäjäki	637	1.5	3 267	7.9	4 569	11.0	15 311	37.0	12 315	29.8	5 211	12.6	9	0.0	51	0.1	41 370	100.0									
626	Pyhäsalmi	1 050	1.0	7 958	7.5	9 820	9.3	41 240	38.9	36 677	34.6	9 195	8.7	11	0.0	26	0.0	105 979	100.0									
630	Pyhäntä	804	1.4	4 922	8.7	3 701	6.5	25 376	44.6	17 516	30.8	4 441	7.8	19	0.0	139	0.2	56 919	100.0									
678	Rahe	1 197	1.7	5 716	8.0	6 842	9.6	26 713	37.3	21 633	30.2	9 361	13.1	15	0.0	79	0.1	71 556	100.0									
691	Reisjärvi	305	0.9	2 042	6.2	3 373	10.2	11 766	35.5	11 372	34.4	4 160	12.6	20	0.1	64	0.2	33 102	100.0									
746	Sievi	828	1.6	3 886	7.3	5 424	10.1	20 066	37.5	16 244	30.4	6 867	12.8	61	0.1	114	0.2	53 490	100.0									
748	Silkejöki	1 090	1.7	4 507	6.9	7 007	10.7	28 460	43.6	16 916	25.9	7 131	10.9	2	0.0	105	0.2	65 218	100.0									
791	Sikalatva	1 922	1.3	10 121	6.7	13 872	9.2	67 458	44.7	42 171	28.0	15 022	10.0	65	0.0	181	0.1	150 812	100.0									
832	Taivalkoski	2 428	1.5	14 413	8.7	16 078	9.7	67 782	40.8	41 333	24.9	23 902	14.4	0	0.0	175	0.1	166 112	100.0									
859	Tyrnävä	555	2.0	1 605	5.9	3 046	11.2	12 278	45.0	6 760	24.8	2 941	10.8	2	0.0	100	0.2	27 287	100.0									
889	Utajärvi	848	0.9	6 815	6.8	9 677	9.7	48 092	48.2	26 081	26.1	8 133	8.2	14	0.0	184	0.2	99 844	100.0									
977	Ylivieska	560	1.4	3 125	7.6	4 514	11.0	13 688	33.4	12 681	31.0	6 321	15.4	29	0.1	58	0.1	40 976	100.0									
Total		28 204	1.2	158 101	6.8	238 954	10.2	1 010 454	43.3	629 306	27.0	264 836	11.3	968	0.0	3 901	0.2	2 334 724	100.0									
Lapland																												
047	Enontekiö	379	0.6	3 506	5.4	2 394	3.7	18 945	29.1	13 994	21.5	25 527	39.2	16	0.0	312	0.5	65 075	100.0									
148	Inari	538	0.1	24 383	6.5	25 988	6.9	113 210	30.0	35 455	9.4	173 228	45.9	778	0.2	3 540	0.9	377 120	100.0									
240	Kemi	275	4.4	677	10.7	302	4.8	3 159	50.1	1 050	16.7	842	13.4	0	0.0	1	0.0	6 306	100.0									
241	Keminmaa	753	1.8	3 406	8.0	2 982	7.0	23 625	55.6	7 150	16.8	4 564	10.7	16	0.0	38	0.1	42 532	100.0									
261	Kittilä	2 593	0.7	27 174	7.3	27 002	7.3	155 131	41.7	84 467	22.7	74 488	20.0	311	0.1	1 166	0.3	372 331	100.0									
273	Kolari	815	0.5	10 702	6.7	12 501	7.8	76 668	47.8	38 127	23.8	20 739	12.9	5	0.0	972	0.6	160 530	100.0									
320	Kemijärvi	1 617	0.7	15 464	6.2	18 945	7.6	129 138	51.5	57 579	23.0	27 240	10.9	2	0.0	711	0.3	250 695	100.0									
498	Muonio	578	0.6	9 818	9.6	6 678	6.5	31 145	30.5	24 303	23.8	29 135	28.5	9	0.0	440	0.4	102 105	100.0									
583	Pelkosenniemi	278	0.3	7 834	7.5	13 329	12.8	51 761	49.5	15 431	14.8	15 857	15.2	0	0.0	16	0.0	104 505	100.0									
614	Posio	2 713	1.5	13 848	7.7	16 257	9.0	78 346	43.5	44 940	25.0	23 649	13.1	0	0.0	321	0.2	180 076	100.0									
683	Ranua	492	0.3	8 658	4.4	17 117	8.7	107 385	54.8	42 454	21.7	19 507	10.0	58	0.0	344	0.2	196 015	100.0									
698	Rovaniemi	2 824	0.5	35 607	6.7	58 462	11.0	251 166	47.3	113 208	21.3	62 552	11.8	868	0.2	6 403	1.2	531 090	100.0									
732	Salla	1 853	0.6	28 706	8.8	31 386	9.6	130 635	39.9	62 349	19.0	72 546	22.1	0	0.0	284	0.1	327 760	100.0									
742	Savukoski	3 710	1.1	45 660	13.8	31 061	9.4	122 972	37.2	51 786	15.7	70 932	21.4	40	0.0	4 713	1.4	330 874	100.0									
751	Simo	405	0.5	4 763	6.0	9 802	12.3	42 392	53.3	15 304	19.2	6 365	8.0	49	0.1	495	0.6	79 575	100.0									
758	Sodankylä	4 307	0.9	46 847	9.4	38 436	7.7	209 926	42.3	94 887	19.1	99 496	20.0	392	0.1	2 250	0.5	496 539	100.0									
845	Tervola	824	0.8	8 068	7.9	12 932	12.6	50 171	49.0	22 213	21.7	7 431	7.3	258	0.3	444	0.4	102 342	100.0									
851	Tornio	958	1.2	6 800	8.6	7 046	8.9	40 238	50.8	13 487	17.0	10 392	13.1	44	0.1	311	0.4	79 276	100.0									
854	Pello	667	0.5	12 047	9.3	14 327	11.0	61 289	47.1	25 147	19.3	15 924	12.3	8	0.0	600	0.5	130 010	100.0									
890	Utsjoki	0	0.0	1	0.0	23	0.5	3 630	70.6	207	4.0	1 282	24.9	0	0.0	0	0.0	5 144	100.0									
976	Ylitornio	1 291	1.0	12 832	9.6	19 862	14.8	68 156	50.8	16 991	12.7	14 118	10.5	36	0.0	977	0.7	134 264	100.0									
Total		27 868	0.7	326 803	8.0	366 830	9.0	1 769 091	43.4	780 528	19.2	775 814	19.0	2 891	0.1	24 339	0.6	4 074 163	100.0									

Table 5d. The mean volume of growing stock in development classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality					m ³ /ha				
Åland									
035 Brändö	0.5	24.5	30.1	100.1	165.7	199.3	50.5	38.4	116.1
043 Eckerö	2.1	15.7	39.4	117.8	187.5	213.4	53.5	33.1	146.9
060 Finström	1.6	12.0	37.1	114.4	190.6	215.9	52.4	32.7	141.9
062 Föglö	8.4	28.8	41.1	104.1	174.8	210.3	52.4	30.7	148.3
065 Geta	1.2	20.1	34.8	104.3	173.4	199.9	53.4	32.6	135.3
076 Hammarland	1.3	14.4	38.0	117.6	187.3	211.4	53.3	29.4	143.8
170 Jomala	1.8	11.3	37.5	120.1	194.7	222.5	52.3	29.5	146.9
295 Kumlinge	1.0	27.4	31.8	103.1	161.7	192.4	51.4	37.1	126.8
318 Kökar	0.2	14.1	21.6	94.9	168.1	209.4	50.1	36.4	91.9
417 Lemland	2.0	17.5	40.1	118.8	195.7	216.7	52.7	24.6	150.1
438 Lumparland	0.0	24.1	43.5	109.3	182.4	212.3	53.5	29.2	153.3
478 Mariehamn-Maarianhamina	1.4	19.3	32.3	110.1	177.0	195.5	54.3	32.8	130.8
736 Saltvik	1.0	15.5	36.8	110.0	181.4	206.7	53.6	30.3	142.9
766 Sottunga	0.7	17.3	27.8	98.1	167.5	206.0	51.0	36.9	118.4
771 Sund	14.5	20.0	39.2	111.3	184.9	213.6	53.5	31.8	150.3
941 Vårdö	5.5	22.9	43.0	106.1	180.1	209.2	54.4	36.2	153.2
Total	1.9	17.7	36.6	111.5	183.0	210.3	52.4	33.2	142.1
Rannikko/Etelärannikko									
049 Espoo-Esbo	3.2	26.1	49.0	137.6	214.0	265.2	126.2	51.3	176.0
078 Hanko-Hangö	6.5	24.9	40.4	124.6	193.7	258.3	100.8	36.7	184.8
091 Helsinki-Helsingfors	1.0	24.5	43.0	139.4	218.4	273.9	169.8	26.9	171.9
092 Vantaa-Vanda	5.6	17.5	45.9	134.6	225.4	282.9	107.9	32.8	159.6
149 Ingå-Inkoo	11.9	19.1	50.8	139.9	215.0	260.1	113.5	46.2	174.9
235 Kauniainen-Grankulla	1.4	29.1	52.5	136.5	208.7	261.2	207.9	51.3	185.5
257 Kirkkonummi-Kyrkslätt	5.4	25.6	48.5	136.4	211.5	253.6	95.5	47.7	167.0
322 Kemiönsaari	1.4	16.6	38.1	117.6	189.6	234.4	71.2	69.2	156.3
407 Lapinjärvi-Lappträsk	9.1	17.1	41.2	135.6	215.1	270.1	76.2	24.2	168.5
434 Loviisa-Lovisa	10.6	17.1	35.4	138.2	206.7	260.8	78.3	20.8	157.0
445 Länsi-Turunmaa	2.7	18.0	40.9	122.1	190.5	226.0	60.6	43.4	162.3
638 Porvoo-Borgå	4.6	21.2	34.1	134.4	205.5	248.7	88.7	29.8	155.6
710 Raasepori	14.3	15.6	47.3	131.0	212.4	257.8	139.4	53.5	177.3
753 Sipoo-Sibbo	3.4	27.0	45.3	135.4	217.0	273.5	100.2	31.5	175.2
755 Siuntio-Sjundeå	8.6	21.1	48.2	132.2	214.2	257.2	108.3	43.5	154.5
Total	7.5	19.0	41.7	132.7	206.5	251.3	105.8	45.1	165.7
Rannikko/Pohjanmaan rannikko									
231 Kaskinen-Kaskö	1.1	8.3	27.1	111.0	185.4	206.1	66.1	40.5	122.2
272 Kokkola-Karleby Rannikko	0.3	10.7	35.0	115.1	175.7	232.8	-	24.6	130.1
280 Korsnäs	4.2	8.4	36.5	119.9	176.8	218.3	73.1	39.7	131.0
287 Kristinestad-Kristiinankaupunki	3.4	8.7	31.6	115.6	185.3	234.5	78.1	39.6	138.5
288 Kronoby-Kruunupyö	0.6	7.6	37.2	101.3	164.1	221.8	25.5	19.9	120.7
440 Larsmo-Luoto	2.7	9.2	35.1	113.7	178.9	217.1	97.8	27.4	127.4
475 Malax-Maalahti	4.1	8.4	36.9	116.2	173.6	220.4	61.3	41.3	129.1
499 Korsholm-Mustasaari	3.1	9.1	36.1	122.4	186.0	227.8	67.7	38.5	140.0
545 Närpes-Närpiö	3.5	6.4	31.9	115.5	180.3	215.7	66.1	40.9	130.8
598 Jakobstad-Pietarsaari	3.9	9.1	36.4	112.7	169.6	208.1	97.8	33.9	120.6
599 Pedersöre-Pedersören kunta	0.8	7.8	39.5	107.9	164.6	223.1	97.2	21.9	125.7
893 Nykarleby-Uusikaarlepyy	1.9	8.5	37.2	111.4	168.7	214.8	88.1	30.5	126.6
905 Vaasa-Vasa	4.8	10.2	35.9	119.8	186.7	224.6	65.1	39.1	137.0
946 Vörå-Vöyri	2.1	7.8	34.4	112.2	174.5	215.4	81.6	36.8	121.8
Total	2.5	8.2	35.4	113.3	175.1	222.0	73.3	32.6	129.5
Lounais-Suomi									
019 Aura	0.0	9.7	37.2	120.5	209.1	272.6	149.3	32.1	155.8
050 Eura	0.0	12.9	35.4	115.2	190.7	241.6	123.0	33.1	149.7
051 Eurajoki	1.3	13.9	31.6	116.4	192.2	258.3	51.0	32.5	153.5
079 Harjavalta	1.4	12.5	35.5	118.7	183.4	255.1	51.4	27.9	150.1
099 Honkajoki	1.8	18.2	33.9	96.3	158.5	195.7	52.7	21.8	126.5
102 Huitinen	0.4	13.1	38.0	126.9	203.1	269.5	103.4	26.4	153.5
181 Jämijärvi	0.9	10.5	24.7	110.0	179.4	227.5	-	44.4	126.0
202 Kaarina	4.3	17.7	33.1	113.1	205.1	242.5	75.9	37.7	155.0
214 Kankaanpää	0.2	11.3	28.7	108.4	169.2	223.0	51.5	38.6	128.7
230 Karvia	1.3	9.1	24.1	86.5	146.4	191.8	66.2	43.8	114.7
271 Kokemäki	0.7	13.8	37.3	123.4	189.4	259.9	38.5	24.7	146.7
284 Koski T.I.	0.1	14.8	31.9	127.0	222.2	302.2	134.5	32.2	168.1
304 Kustavi	5.4	19.4	39.9	106.0	175.0	206.8	53.2	32.2	149.0
319 Köyliö	0.4	15.6	39.2	119.9	189.1	244.9	96.3	30.2	154.7
400 Laitila	0.0	14.0	40.1	111.1	190.2	241.4	68.9	31.1	150.7
413 Lavia	0.1	11.3	38.3	126.1	196.8	275.1	49.7	32.7	152.5
423 Lieto	0.4	11.2	41.8	118.5	203.1	270.2	145.2	29.6	164.7
430 Loimaa	0.6	15.0	36.3	127.5	208.3	293.1	97.7	23.0	163.2
442 Luvia	0.2	13.4	33.9	120.9	191.5	260.2	50.8	30.6	155.2
480 Marttila	0.9	11.8	31.6	123.2	203.6	286.3	150.4	38.7	162.9
481 Masku	0.0	16.0	39.1	119.9	202.9	238.2	162.3	31.2	155.9
484 Merikarvia	2.3	8.9	36.5	125.2	197.7	264.8	139.4	11.2	155.7
503 Mynämäki	0.0	12.5	43.4	119.5	194.3	263.4	163.0	27.5	162.3
529 Naantali	1.0	21.9	39.6	117.6	184.8	218.0	52.9	34.4	155.3
531 Nakkila	0.0	12.6	32.6	116.9	191.3	257.9	50.7	32.0	149.7
538 Nousiainen	0.0	11.3	41.2	120.4	197.1	267.9	161.3	31.2	163.4
561 Oripää	1.6	15.0	33.1	116.1	188.3	253.9	158.0	33.1	150.5
577 Paimio	5.0	14.4	33.9	112.7	195.8	238.9	120.2	57.4	158.5

Table 5d. The mean volume of growing stock in development classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality					m ³ /ha				
608 Pomarkku	0.3	10.3	35.8	119.5	193.8	266.5	50.7	33.3	159.6
609 Pori	1.2	12.8	35.9	120.7	193.4	265.3	83.4	24.7	155.6
631 Pyhäranta	0.1	12.7	38.9	115.5	196.4	259.0	51.1	28.9	157.8
636 Pöytyä	0.8	16.1	34.0	113.1	189.0	250.4	156.8	35.7	157.7
680 Raisio	0.2	13.4	35.4	117.2	202.7	234.7	50.1	31.5	153.5
684 Rauma	0.3	13.8	35.4	111.9	183.7	240.3	51.9	31.7	150.2
704 Rusko	0.0	10.1	45.3	123.8	200.7	267.5	156.7	31.8	171.9
734 Salo	9.0	12.5	37.8	124.1	201.9	253.0	134.7	51.8	165.3
738 Sauvo	4.6	17.6	33.6	112.3	197.0	240.0	76.0	68.3	154.5
747 Siikainen	1.5	15.2	36.8	109.5	178.8	232.6	67.9	27.2	143.7
761 Somero	5.4	13.0	39.1	133.4	221.5	288.6	116.6	42.5	174.1
783 Säkyä	0.2	18.0	34.1	119.4	186.6	240.5	153.2	32.4	147.3
833 Taivassalo	1.1	19.7	41.4	113.1	180.7	216.0	52.7	31.0	146.2
838 Tarvasjoki	0.2	11.0	35.2	120.0	211.0	274.1	148.5	33.9	164.2
853 Turku-Abo	0.1	14.0	39.1	118.2	204.9	255.9	152.0	27.8	161.0
886 Ulvila	0.2	14.4	36.3	117.6	190.2	269.1	49.8	30.6	156.8
895 Uusikaupunki	1.4	17.1	41.6	110.6	186.0	223.7	52.6	27.1	149.7
918 Vehmaa	0.1	19.0	39.2	112.8	194.1	224.3	53.5	26.2	140.3
Total	1.6	13.6	36.1	117.0	191.6	250.1	120.3	32.8	152.9
Häme-Uusimaa									
016 Asikkala	0.0	14.1	38.2	128.6	222.9	309.5	49.3	30.5	171.7
018 Askola	2.8	16.2	39.2	127.6	208.5	271.7	50.5	31.3	150.9
061 Forssa	1.9	12.6	37.0	127.5	215.6	302.1	75.4	23.2	172.1
081 Hartola	3.3	11.1	34.0	126.7	224.0	290.5	95.8	29.9	167.8
082 Hattula	3.9	11.1	43.4	135.0	219.9	287.0	46.9	51.0	167.9
086 Hausjärvi	4.7	19.1	41.3	126.1	212.4	275.6	74.7	35.0	157.7
098 Hollola	3.2	16.0	36.7	125.0	217.4	305.7	51.9	27.4	163.7
103 Humppila	0.3	10.6	37.6	137.9	210.0	293.7	54.6	18.8	159.7
106 Hyvinkää	3.9	20.0	43.3	130.3	212.3	275.9	66.0	34.3	161.6
109 Hämeenlinna	3.7	14.8	37.9	130.2	216.9	298.1	59.7	41.3	172.0
111 Heinola	0.1	11.7	36.9	127.4	217.6	294.7	98.1	26.7	169.7
165 Janakkala	4.4	16.3	44.0	129.9	217.0	290.2	60.1	43.1	167.3
169 Jokioinen	1.1	13.8	34.9	138.0	220.9	319.1	68.9	17.5	170.8
186 Järvenpää	3.2	14.2	41.2	130.3	220.2	293.6	43.4	32.2	150.3
224 Karkkila	7.2	18.1	47.2	133.4	216.7	288.2	64.4	44.6	168.7
245 Kerava	4.8	16.5	43.5	137.4	220.9	282.4	60.7	28.9	162.0
283 Hämeenkoski	5.7	16.7	36.5	123.5	218.0	301.4	66.3	29.7	160.2
316 Kärkölä	6.3	15.2	39.3	123.2	215.3	289.5	61.8	36.7	148.1
398 Lahti	4.1	17.9	38.3	128.6	219.7	303.7	56.2	26.8	159.0
433 Loppi	5.7	17.6	45.4	130.6	215.1	283.7	58.3	39.9	163.9
444 Lohja	9.7	16.1	47.5	134.0	214.7	280.5	111.8	46.2	160.1
504 Myrskylä-Mörskom	6.4	16.7	39.2	129.5	206.8	273.2	63.0	28.8	149.8
505 Mäntsälä	4.0	16.2	41.1	124.3	215.5	285.6	53.1	39.0	156.3
532 Nastola	8.2	16.3	38.7	129.0	217.2	293.5	83.7	27.5	155.6
543 Nurmijärvi	5.6	18.3	43.9	126.1	212.1	272.8	73.6	35.9	144.9
560 Orimattila	4.1	15.7	36.9	127.0	208.3	282.4	60.3	27.2	145.5
576 Padasjoki	0.0	15.1	37.4	129.5	214.9	302.0	38.9	24.6	179.9
611 Pornainen	0.0	23.7	44.6	129.2	212.0	272.0	73.2	37.7	163.3
616 Pukkila	3.9	15.9	39.7	123.4	209.4	271.4	53.3	29.3	143.5
694 Riihimäki	5.1	16.4	43.1	128.5	216.6	290.5	65.1	36.1	157.5
781 Sysmä	0.8	12.0	33.3	126.5	221.6	297.6	60.5	28.7	167.3
834 Tammela	3.3	12.5	42.6	133.6	218.0	281.4	93.0	40.8	174.5
858 Tuusula	4.7	18.0	42.5	126.9	215.4	283.5	52.1	32.2	149.3
927 Vihti	6.8	18.3	47.2	132.2	214.4	279.3	105.7	43.9	163.2
981 Ypäjä	0.7	15.2	34.4	127.6	221.0	319.4	71.1	20.2	176.6
Total	3.8	15.1	39.9	129.2	216.6	291.5	73.3	34.7	164.7
Kaakkois-Suomi									
075 Hamina	10.4	9.8	28.4	120.5	190.3	277.2	137.3	23.1	143.8
142 Iitti	6.9	15.3	38.2	135.1	215.2	285.9	66.1	26.1	171.0
153 Imatra	12.4	9.1	34.9	120.7	204.8	292.3	76.2	26.5	158.0
285 Kotka	17.2	10.9	27.8	126.4	191.4	274.0	190.4	29.1	140.5
286 Kouvolta	4.4	12.4	35.6	128.6	207.8	284.9	108.3	26.3	165.3
405 Lappeenranta	15.9	10.0	30.9	114.4	196.7	278.4	113.3	21.3	147.8
416 Lembi	7.7	10.6	30.9	115.1	199.4	276.4	78.1	24.0	145.7
441 Luumäki	58.7	10.9	31.2	116.8	193.1	268.9	123.8	25.9	149.2
489 Miehikkälä	7.9	10.9	29.1	116.3	190.3	275.3	147.7	21.2	148.1
580 Parikkala	8.2	12.0	35.1	123.6	207.4	278.8	38.8	24.2	154.4
624 Pyhtää-Pyttis	9.0	13.9	34.6	133.5	203.3	272.2	140.4	28.1	153.9
689 Rautjärvi	5.9	7.5	32.2	118.0	196.4	279.3	86.4	26.4	132.7
700 Ruokolahti	5.6	10.3	32.4	116.6	195.2	271.2	110.9	26.7	152.8
739 Savitaipale	8.8	10.9	30.0	117.1	194.2	258.8	86.3	35.2	145.2
831 Taipalsaari	4.8	11.9	30.4	115.7	190.2	253.2	71.6	27.6	143.2
935 Virolahti	7.3	9.5	28.1	119.5	190.4	271.1	157.7	23.8	145.3
Total	7.5	10.9	32.4	121.5	199.5	276.2	113.6	26.0	152.8
Pirkanmaa									
020 Akaa	0.0	9.6	35.8	128.1	212.6	288.6	90.9	39.2	166.5
108 Hämeenkyrö	0.1	13.6	36.7	129.0	206.3	273.1	50.3	32.8	151.9
143 Ikaalinen	1.5	11.9	30.4	118.2	187.4	248.2	44.5	43.2	139.0
177 Juupajoki	0.4	13.4	30.9	122.3	196.2	288.3	49.6	38.6	151.0
211 Kangasala	0.4	15.5	37.1	126.8	212.7	288.3	48.7	28.7	175.4
250 Kihniö	1.0	6.1	22.7	95.7	158.1	210.4	97.6	48.2	123.4

Table 5d. The mean volume of growing stock in development classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality					m ³ /ha				
418 Lempäälä	0.3	15.5	37.9	132.0	216.8	284.6	52.2	28.3	170.8
508 Mänttä-Vilppula	1.9	9.4	31.0	120.7	196.4	280.6	133.9	43.9	151.9
536 Nokia	0.5	18.0	38.4	135.2	210.6	278.6	52.9	28.8	162.3
562 Orivesi	0.3	13.7	33.5	129.8	205.8	288.3	52.9	30.2	166.1
581 Parkano	1.3	8.7	22.4	99.0	160.2	204.3	97.6	47.1	121.4
604 Pirkkala	0.7	16.2	37.0	132.9	217.6	279.7	51.2	23.6	159.2
619 Punkalaidun	0.2	13.4	41.2	133.0	212.5	282.4	49.7	19.7	166.9
635 Pälkäne	0.4	13.0	33.9	130.5	217.7	303.6	80.9	39.9	183.3
702 Ruovesi	1.3	10.4	30.4	123.9	197.4	268.3	75.2	40.1	152.1
790 Sastamala	0.0	14.0	41.9	127.8	208.5	279.3	51.6	28.0	158.2
837 Tampere	0.0	17.4	36.5	133.2	206.7	287.0	48.8	32.1	169.0
887 Urjala	0.0	11.4	38.2	131.5	216.2	288.2	70.7	23.5	169.4
908 Valkeakoski	0.0	9.8	36.6	132.8	220.3	298.4	80.0	35.5	173.2
922 Vesilahti	0.0	15.6	40.3	132.3	218.3	286.4	48.4	24.6	174.2
936 Virrat	2.1	7.4	26.0	105.4	169.5	231.1	69.6	42.0	130.3
980 Ylöjärvi	2.0	12.2	32.3	119.4	188.7	253.8	48.5	37.1	148.1
Total	0.8	11.9	33.4	120.6	195.9	268.9	59.1	32.6	153.1
Etelä-Savo									
046 Enonkoski	7.1	8.5	35.0	118.4	201.8	290.2	30.6	29.9	154.2
090 Heinävesi	2.9	9.1	36.2	121.6	196.8	284.5	30.9	27.8	154.5
097 Hirvensalmi	7.2	8.6	35.0	123.2	214.8	278.7	138.2	42.0	159.6
171 Joroinen	10.5	8.8	37.0	120.6	206.5	287.3	40.9	60.8	150.7
178 Juva	16.8	9.8	34.8	121.6	206.3	280.4	52.8	50.2	158.5
213 Kangasniemi	8.9	11.7	30.3	119.9	203.7	277.0	58.3	38.2	147.5
491 Mikkeli	11.8	9.4	34.8	122.8	207.0	275.8	102.4	46.3	161.0
507 Mäntyharju	1.9	10.1	35.4	125.0	208.4	278.3	155.3	28.7	165.8
588 Pertunmaa	0.6	10.6	35.8	126.3	222.8	294.4	165.1	31.3	166.2
593 Pieksämäki	4.6	8.8	30.7	118.7	192.8	273.7	34.0	18.2	142.3
623 Puumala	6.7	12.5	29.5	114.4	189.1	246.2	81.5	32.7	146.7
681 Rantasalmi	8.9	11.0	36.0	119.9	203.3	289.7	39.4	52.0	147.2
740 Savonlinna	5.8	10.3	33.0	117.4	200.1	278.0	53.0	28.5	152.3
768 Sulkava	3.9	9.4	29.2	112.2	194.0	264.3	93.4	27.8	135.6
Total	6.7	9.9	33.5	120.2	202.3	276.8	76.3	37.3	153.4
Etelä-Pohjanmaa									
005 Alajärvi	0.1	4.9	24.3	94.4	150.0	206.1	37.2	27.1	113.5
010 Alavus	0.7	5.4	24.4	94.5	157.2	209.1	66.0	43.4	119.1
052 Evijärvi	1.0	6.6	30.6	93.7	157.7	211.0	80.8	14.2	110.9
074 Halsua	0.5	9.6	24.1	84.1	141.3	173.2	51.8	26.9	100.0
145 Ilmajoki	0.3	4.3	27.7	97.7	163.8	212.4	97.2	38.6	118.3
151 Isojoki	0.5	9.2	29.3	100.2	164.0	216.5	88.3	27.7	129.6
152 Isokyrö	0.8	5.7	36.8	100.2	167.4	213.2	96.7	37.1	117.0
164 Jalasjärvi	2.0	4.6	24.1	92.2	153.3	202.2	74.9	39.8	114.3
217 Kannus	1.3	8.0	29.4	92.0	152.3	190.1	52.8	20.2	110.5
218 Karijoki	2.1	6.9	29.9	108.2	173.5	218.6	80.1	35.6	128.2
232 Kauhajoki	3.9	6.8	27.4	95.1	149.6	188.0	52.4	25.8	114.3
233 Kauhava	1.1	6.0	30.0	97.6	159.2	207.6	97.6	34.9	113.1
236 Kaustinen	0.7	7.7	30.1	94.0	152.9	197.6	33.6	20.7	114.2
272 Kokkola-Karleby E-Pohjanmaa	0.4	7.7	31.1	92.9	154.8	200.8	52.2	19.6	109.4
300 Kuortane	0.6	4.9	26.3	96.5	160.2	221.6	92.9	40.6	120.6
301 Kurikka	4.0	6.1	30.0	107.5	165.8	215.6	59.4	34.1	122.1
399 Laihia	2.6	7.4	38.1	111.4	174.0	219.9	65.5	43.9	133.4
403 Lappajärvi	0.5	5.0	28.7	95.7	157.8	210.5	85.4	20.0	115.8
408 Lapua	1.3	4.5	31.5	99.9	165.0	219.2	97.6	39.1	125.2
421 Lestijärvi	1.1	8.2	26.5	93.0	151.8	190.3	47.2	27.1	106.7
584 Perho	0.1	9.7	24.4	89.2	144.7	185.0	49.3	31.0	107.9
743 Seinäjoki	0.6	5.3	27.2	93.6	158.9	202.5	97.6	39.5	112.2
759 Soini	0.1	6.7	24.1	94.1	151.5	204.2	32.3	24.6	117.2
846 Teuva	6.2	6.9	29.9	109.2	170.2	220.0	59.5	32.5	127.0
849 Toholampi	0.2	9.0	26.5	90.2	149.5	186.3	45.6	27.3	106.0
924 Veteli	0.4	7.2	27.2	92.2	151.2	203.8	32.9	20.4	112.2
934 Vimpeli	0.2	6.5	26.2	95.0	151.5	207.7	32.1	23.4	113.8
989 Ähtäri	0.0	7.4	25.9	97.7	160.3	223.8	54.3	27.7	124.2
Total	1.0	6.5	28.0	96.0	156.8	206.0	62.3	31.0	116.1
Keski-Suomi									
077 Hankasalmi	1.8	9.8	28.3	120.8	191.8	280.2	40.4	19.9	138.8
172 Joutsa	15.4	11.6	32.1	122.0	209.6	278.2	68.7	31.5	153.9
179 Jyväskylä	1.5	11.1	29.2	120.6	205.8	284.5	102.8	30.6	151.0
182 Jämsä	0.6	13.1	30.5	120.7	201.4	283.8	98.8	29.6	155.4
216 Kannonkoski	0.3	11.5	22.0	107.2	170.0	229.7	33.3	34.2	130.0
226 Karstula	0.1	9.6	23.8	98.5	158.4	212.8	32.1	28.1	126.1
249 Keuruu	0.7	10.0	29.9	111.2	177.2	256.6	134.9	33.4	138.1
256 Kinnula	0.7	8.4	26.8	99.2	157.5	202.8	48.4	30.3	118.5
265 Kivijärvi	0.1	7.1	24.0	102.7	158.6	209.2	38.8	31.3	117.3
275 Konnevesi	0.5	7.9	29.6	115.6	185.0	283.5	30.3	44.1	129.6
291 Kuhmoinen	1.3	14.2	30.3	122.4	209.5	291.5	83.2	27.9	161.6
312 Kyyjärvi	0.0	8.0	24.4	92.8	148.0	193.8	39.5	30.8	114.7
410 Laukaa	1.4	10.0	28.5	117.6	198.4	285.4	52.0	39.2	145.3
435 Luhanka	1.8	11.8	31.9	125.5	217.1	292.3	106.4	28.5	162.3
495 Multia	0.0	12.4	29.2	105.6	166.3	242.0	121.4	30.3	134.5
500 Muurame	1.2	9.7	29.7	124.1	210.8	288.5	105.8	29.6	151.9
592 Petäjävesi	0.2	13.8	28.5	115.0	189.1	272.6	123.0	30.0	144.9

Table 5d. The mean volume of growing stock in development classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality	m ³ /ha								
601 Pihltpudas	0.8	9.0	24.1	105.1	163.0	215.3	57.9	32.8	126.1
729 Saarijärvi	0.2	11.9	27.2	104.5	171.3	240.2	69.6	34.0	134.5
850 Toivakka	4.7	12.9	29.3	119.6	204.4	277.9	65.1	30.9	150.7
892 Uurainen	0.4	9.9	30.0	108.0	176.5	257.1	104.8	35.6	136.5
931 Viitasaari	0.7	13.6	25.1	113.5	177.5	242.2	59.1	45.9	133.5
992 Äänekoski	0.5	11.8	31.6	108.7	188.1	267.6	32.6	111.3	146.5
Total	1.2	11.1	28.5	111.6	182.0	259.9	71.3	36.7	139.7
Pohjois-Savo									
140 Iisalmi	0.7	9.8	36.1	116.5	188.1	28.9	0.0	0.0	131.4
174 Juankoski	1.7	11.9	32.1	115.3	191.3	667.0	53.2	17.7	142.3
204 Kaavi	1.2	7.4	29.5	114.4	183.0	266.5	90.5	18.6	140.1
239 Keitele	1.1	12.1	27.5	116.4	180.6	248.3	75.0	35.0	139.5
263 Kiuruvesi	3.3	6.6	33.3	105.7	169.1	244.8	20.7	20.2	120.3
297 Kuopio	1.8	10.2	31.2	118.6	203.1	296.0	32.2	23.2	150.3
402 Lapinlahti	1.1	11.3	34.0	114.8	188.3	283.8	46.5	0.0	135.6
420 Leppävirta	3.7	8.9	35.7	120.3	204.9	295.8	35.2	26.9	154.4
476 Maaninka	0.3	9.3	29.6	119.7	196.7	296.2	32.1	27.6	140.2
595 Pielavesi	1.5	8.6	31.4	117.4	184.3	277.3	42.1	24.7	141.5
686 Rautalampi	0.9	6.6	28.9	121.4	193.2	269.1	30.4	18.8	137.4
687 Rautavaara	1.6	5.8	25.1	105.9	160.3	232.1	84.2	15.0	123.0
749 Siilinjärvi	1.2	8.9	30.5	118.7	201.4	298.1	50.2	14.2	138.2
762 Sonkajärvi	5.1	6.4	27.0	105.2	161.5	233.9	100.3	19.6	117.6
778 Suonenjoki	1.8	7.0	28.1	121.1	195.4	277.4	31.6	17.7	142.2
844 Tervo	0.8	9.4	30.4	119.8	195.1	288.7	30.4	26.3	141.5
857 Tuusniemi	2.9	10.4	32.3	119.3	204.6	291.4	32.6	25.1	152.8
915 Varkaus	6.1	8.5	38.1	120.7	204.6	295.8	31.3	56.4	160.6
921 Vesanto	1.0	8.3	32.9	113.0	193.0	279.8	30.4	99.0	144.0
925 Vieremä	6.6	5.7	30.7	104.9	164.5	235.1	20.7	22.1	120.1
Total	2.1	8.4	31.4	113.8	185.2	276.7	49.8	26.8	137.4
Pohjois-Karjala									
146 Ilomantsi	1.8	4.9	27.7	106.5	165.3	236.7	-	31.3	122.7
167 Joensuu	3.6	5.1	28.6	112.7	190.8	265.3	31.4	31.2	136.2
176 Juuka	1.3	7.3	26.3	112.2	170.0	250.8	95.8	22.5	134.2
260 Kitee	7.3	12.1	32.9	112.2	197.7	268.2	60.4	27.1	150.7
276 Kontiolahti	3.5	5.6	28.4	112.8	189.2	258.6	31.0	28.0	137.4
309 Outokumpu	2.7	8.4	31.1	116.6	190.4	276.3	30.8	24.1	146.1
422 Lieksa	2.4	6.3	25.0	107.9	162.7	238.8	127.3	25.6	124.1
426 Liperi	3.3	7.5	35.2	121.8	199.3	282.9	31.8	26.4	148.2
541 Nurmes	1.9	5.8	24.3	106.9	157.6	236.7	111.9	11.3	121.6
607 Polvijärvi	2.1	7.1	28.4	111.0	180.1	255.6	13.9	25.8	134.4
707 Rääkkylä	4.7	10.6	34.5	115.9	199.2	283.8	32.2	30.6	148.0
848 Tohmajärvi	5.7	8.1	31.5	112.7	189.5	265.3	37.9	35.3	142.0
911 Valtimo	3.0	6.2	23.3	107.1	157.3	236.0	101.6	19.5	120.1
Total	2.8	6.5	28.2	110.1	175.7	253.5	90.6	27.3	131.8
Kainuu									
105 Hyrynsalmi	5.1	6.2	21.1	87.9	135.4	190.8	20.6	24.8	95.8
205 Kajaani	11.9	6.6	25.7	97.1	151.6	198.1	21.4	30.2	109.0
290 Kuhmo	2.2	7.6	21.4	91.8	139.8	206.5	21.0	19.3	104.2
578 Paltamo	7.9	6.0	24.4	98.0	152.2	201.6	20.7	34.2	103.8
620 Puolanka	8.9	4.9	20.1	85.7	130.4	170.7	21.4	42.1	88.3
697 Ristijärvi	7.2	6.3	22.7	94.2	145.3	204.3	20.5	25.4	101.2
765 Sotkamo	4.5	6.6	22.9	99.8	153.9	219.8	55.1	20.8	113.5
777 Suomussalmi	2.0	6.1	17.4	79.8	124.5	177.7	20.6	22.7	87.4
785 Vaala	11.6	5.9	24.6	82.9	129.0	162.9	241.1	86.1	87.3
Total	5.2	6.3	21.2	89.3	139.6	192.6	29.3	34.6	98.6
Pohjois-Pohjanmaa									
009 Alavieska	4.2	7.3	29.9	96.7	156.9	195.0	44.7	24.9	116.5
069 Haapajärvi	1.9	8.2	26.5	98.7	159.3	201.0	38.9	31.0	116.9
071 Haapavesi	4.7	8.1	25.2	93.3	150.0	176.7	34.6	24.0	106.3
072 Hailuoto	1.3	4.8	27.0	92.7	142.8	148.9	-	26.3	84.4
208 Kalajoki	2.3	7.7	31.0	98.3	159.9	206.3	35.7	19.2	115.8
139 Ii	0.9	14.8	25.0	77.0	122.4	121.8	66.7	14.5	80.7
244 Kempele	7.1	4.2	33.4	99.9	148.1	183.9	-	26.7	102.3
305 Kuusamo	1.7	9.1	20.6	74.6	115.6	142.3	-	20.8	82.9
317 Kärsämäki	2.0	8.5	27.6	93.1	151.5	194.7	42.5	30.2	108.2
425 Liminka	4.9	5.6	29.4	90.5	136.4	167.2	46.5	25.7	94.4
436 Lumijoki	2.4	4.0	33.4	99.8	140.5	180.3	60.0	29.0	100.7
483 Merijärvi	3.5	6.9	27.4	98.1	155.3	199.0	36.6	25.8	114.3
494 Muhos	3.6	5.9	25.9	84.7	129.3	154.6	37.5	30.7	87.4
535 Nivala	3.0	7.5	26.2	102.7	160.0	206.8	39.7	28.6	119.1
563 Oulainen	3.0	7.2	24.2	94.3	153.4	186.5	39.0	24.5	107.7
564 Oulu	1.2	9.4	26.1	88.2	134.8	150.5	65.9	27.7	96.5
615 Pudasjärvi	4.4	5.2	21.2	82.2	113.9	140.9	35.6	29.1	83.7
625 Pyhäjoki	6.3	7.4	27.6	96.8	154.5	188.6	33.6	24.4	109.4
626 Pyhäsalmi	3.2	6.6	28.0	96.4	155.9	198.2	35.5	30.9	111.8
630 Pyhäntä	10.0	6.4	28.4	88.6	139.0	171.1	20.7	36.0	98.2
678 Raahe	4.3	7.0	26.8	93.5	149.7	178.2	34.0	24.5	106.7
691 Reisjärvi	1.3	7.5	30.3	99.1	161.5	210.3	44.8	28.0	120.8
746 Sievi	1.0	7.6	24.0	90.6	148.7	186.2	37.3	27.9	106.2
748 Siikajoki	2.7	6.2	27.6	97.1	145.6	176.7	39.1	28.3	102.9
791 Siikalatva	6.4	7.3	28.8	89.9	137.7	169.3	36.4	40.5	98.9

Table 5d. The mean volume of growing stock in development classes on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Open regeneration site	Young seedling stand	Advanced seedling stand	Young thinning stand	Advanced thinning stand m ³ /ha	Mature stand	Shelterwood stand	Seed tree stand	Forest land total
Municipality									
832 Taivalkoski	1.8	7.6	18.6	77.3	116.0	156.8	-	20.8	85.5
859 Tyrnävä	3.7	5.4	28.5	92.3	134.0	167.8	36.5	26.4	96.5
889 Utajärvi	18.9	5.1	22.0	82.9	126.4	146.1	31.7	69.9	87.6
977 Ylivieska	2.3	6.2	25.8	97.2	152.9	197.6	44.2	26.2	113.7
Total	3.7	7.4	24.6	86.1	135.4	163.8	53.3	28.6	95.5
Lapland									
047 Enontekiö	14.8	24.6	8.8	51.8	55.1	84.6	16.6	50.4	62.1
148 Inari	0.4	16.9	26.5	57.8	80.5	87.6	93.2	20.8	68.5
240 Kemi	0.0	21.2	19.0	86.3	126.9	151.5	-	41.3	87.8
241 Keminmaa	0.0	19.8	30.5	85.6	125.8	139.3	68.4	40.5	87.4
261 Kittilä	1.3	17.3	25.2	63.8	83.6	89.0	71.7	23.8	66.6
273 Kolari	2.1	15.5	22.8	66.0	97.6	95.9	82.2	33.4	70.1
320 Kemijärvi	1.2	9.9	22.2	66.8	100.0	128.9	39.0	14.2	73.7
498 Muonio	4.6	13.1	18.9	57.9	80.2	100.5	16.6	30.7	68.1
583 Pelkosenniemi	3.4	12.4	32.5	67.1	101.8	105.1	93.8	21.9	69.3
614 Posio	1.2	10.1	17.0	73.2	105.7	122.6	-	8.5	76.7
683 Ranua	6.2	12.1	23.0	75.5	111.4	123.6	71.9	20.4	80.4
698 Rovaniemi	9.5	13.6	26.2	71.3	112.9	116.8	21.7	26.4	75.7
732 Salla	2.7	13.4	23.4	69.1	89.8	97.9	77.6	19.4	69.7
742 Savukoski	4.6	14.2	18.6	62.3	73.4	89.5	83.7	19.1	57.9
751 Simo	9.7	18.5	29.7	76.7	116.9	117.7	73.2	21.2	77.8
758 Sodankylä	3.1	13.6	20.8	58.3	78.7	84.3	65.0	18.1	59.6
845 Tervola	2.4	12.6	26.8	83.1	126.4	133.4	71.1	28.2	82.5
851 Tornio	0.0	19.8	25.5	87.1	127.6	145.2	70.2	25.9	89.1
854 Pello	3.4	12.2	26.6	78.2	103.7	113.6	79.3	31.4	75.1
890 Utsjoki	-	0.0	29.8	63.5	62.1	75.3	-	-	66.2
976 Ylitornio	0.7	12.5	25.2	78.8	112.6	119.7	71.6	38.4	72.1
Total	3.4	14.2	23.9	68.2	95.7	98.1	61.2	23.7	70.1

Table 6a. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
Municipality	m ³ /ha												
561 Oripää	65.3	23.7	39.2	54.0	25.2	25.8	20.9	2.8	15.2	3.8	0.7	2.7	144.1
577 Paimio	73.5	25.1	45.9	49.8	20.9	26.1	19.7	3.1	13.7	5.9	1.1	4.0	148.8
608 Pomarkku	65.8	23.7	39.5	64.1	29.5	31.0	20.0	2.7	14.3	4.4	0.7	3.0	154.2
609 Pori	63.3	21.6	39.1	58.5	24.6	30.5	23.2	2.6	17.1	6.5	1.0	4.5	151.5
631 Pyhäranta	68.3	25.3	40.7	58.0	23.5	31.2	19.7	2.4	14.5	5.7	0.9	3.8	151.6
636 Pöytyä	70.4	25.3	42.5	55.4	23.8	28.3	21.1	2.9	15.4	3.9	0.6	2.9	150.7
680 Raisio	77.4	25.6	48.8	39.7	15.7	21.7	17.5	2.7	12.4	8.3	1.1	5.8	142.8
684 Rauma	68.7	24.4	41.6	51.4	21.0	27.4	19.2	2.3	14.2	5.3	0.7	3.8	144.7
704 Rusko	82.0	30.3	49.1	62.1	25.7	32.9	17.5	2.2	13.0	4.2	0.9	2.6	165.8
734 Salo	71.2	24.1	44.7	54.8	23.7	28.1	23.2	4.1	16.0	7.8	1.5	5.3	157.1
738 Sauvo	73.5	23.4	47.2	42.1	16.6	23.2	18.7	3.2	13.0	7.1	1.3	4.9	141.4
747 Siikainen	72.7	21.9	47.4	37.6	15.5	19.5	20.3	1.7	15.3	5.3	0.7	3.6	136.0
761 Somero	57.8	20.8	34.9	73.3	34.3	34.8	30.6	5.4	21.3	9.1	1.8	5.9	170.8
783 Säkyliä	72.2	28.1	41.8	46.2	20.1	23.3	21.4	3.0	15.7	3.4	0.5	2.5	143.2
835 Taivassalo	82.5	20.8	56.9	26.6	8.9	15.8	13.4	1.4	9.9	5.8	0.5	4.0	128.3
838 Tarvasjoki	65.4	25.6	37.7	65.7	28.3	33.6	23.1	3.1	17.0	6.9	1.5	4.3	161.1
853 Turku-Abo	77.1	26.7	47.6	48.1	19.6	25.7	18.2	2.6	13.2	8.1	1.2	5.5	151.5
886 Ulvila	58.6	21.3	35.2	64.5	27.5	33.2	25.0	3.1	18.4	5.4	0.9	3.8	153.5
895 Uusikaupunki	79.3	24.2	51.4	39.1	14.9	21.8	15.8	1.6	11.6	5.7	0.7	3.9	139.9
918 Vehmaa	75.4	22.7	49.3	34.8	12.2	20.2	18.1	2.4	13.2	6.2	0.7	4.4	134.5
Total	68.3	23.0	42.5	51.0	21.7	26.3	21.3	2.8	15.4	5.6	0.9	3.8	146.2
Häme-Uusimaa													
016 Asikkala	45.3	18.3	25.5	83.9	38.6	40.3	30.7	5.5	21.1	10.8	1.6	6.7	170.7
018 Askola	52.4	18.9	31.4	60.0	23.9	32.2	26.4	5.1	17.7	10.3	1.6	6.5	149.2
061 Forssa	46.2	17.8	26.7	86.8	43.6	38.7	29.1	4.7	20.9	7.6	1.5	4.9	169.6
081 Hartola	50.8	20.3	28.8	76.6	36.5	36.1	29.5	5.0	20.5	9.3	1.1	6.0	166.2
082 Hattula	55.3	20.7	32.5	66.0	26.4	34.7	32.6	6.2	22.3	10.1	1.8	6.6	163.9
086 Hausjärvi	50.2	19.4	28.9	65.8	27.2	34.2	27.5	5.3	18.3	10.1	1.7	6.4	153.7
098 Hollola	44.5	18.3	24.5	78.7	37.0	37.0	28.4	5.6	18.9	11.1	1.8	6.9	162.7
103 Humppila	43.8	16.3	25.9	79.7	38.6	36.6	26.3	4.5	18.9	7.1	1.4	4.3	156.9
106 Hyvinkää	53.8	19.1	32.5	65.3	26.6	34.4	29.0	5.4	19.6	9.3	1.6	5.9	157.3
109 Hämeenlinna	52.0	20.7	29.5	81.0	37.2	38.9	29.1	5.7	19.8	8.9	1.6	5.7	171.0
111 Heinola	60.1	23.6	34.4	73.3	34.5	34.7	27.4	4.9	19.0	8.4	1.1	5.3	169.1
165 Janakkala	51.3	19.9	29.5	72.6	31.0	36.8	29.7	5.8	20.1	10.1	1.8	6.4	163.7
169 Jokioinen	41.4	15.3	24.5	89.1	45.7	38.5	30.1	5.1	21.3	8.2	1.6	5.1	168.8
186 Järvenpää	42.9	16.0	25.2	63.4	27.6	31.4	30.1	5.7	20.4	13.5	2.5	8.3	149.9
224 Karkkila	47.6	16.9	28.9	76.9	32.5	39.6	31.3	6.4	20.7	10.8	1.9	7.0	166.6
245 Kerava	50.1	17.9	30.4	64.4	26.4	33.5	32.3	6.5	22.1	12.5	2.4	7.7	159.4
283 Hämeenkoski	40.2	17.0	21.8	79.7	38.2	36.8	28.3	5.7	18.8	11.4	1.8	7.2	159.6
316 Kärkölä	40.8	15.7	23.5	64.8	27.5	32.6	29.0	5.4	19.4	10.8	1.7	6.7	145.4
398 Lahti	43.8	17.8	24.4	73.6	35.0	34.7	29.5	5.5	19.8	12.8	2.1	7.6	159.8
433 Loppi	52.1	18.3	31.8	69.7	29.3	35.8	30.1	5.8	20.2	9.6	1.7	6.2	161.5
444 Lohja	49.6	16.8	30.8	59.6	24.2	31.3	34.2	6.9	22.9	13.5	2.4	8.8	156.9
504 Myrskylä-Mörskom	48.3	16.6	29.7	57.1	22.6	31.1	30.7	5.5	21.0	11.8	1.9	7.0	147.9
505 Mäntsälä	47.2	17.6	27.7	69.4	29.6	35.3	27.5	5.1	18.5	9.9	1.7	6.2	154.0
532 Nastola	43.7	14.9	26.9	67.4	27.7	36.0	30.9	5.1	21.2	12.5	2.0	7.5	154.6
543 Nurmijärvi	42.3	14.7	25.7	55.8	21.6	30.0	31.8	5.9	21.2	12.4	2.2	7.8	142.2
560 Orimattila	46.6	16.8	28.0	57.5	23.4	30.3	28.3	5.2	19.0	11.8	1.9	7.1	144.2
576 Padasjoki	60.2	25.4	32.9	84.8	39.9	40.0	27.0	5.3	18.6	8.1	1.3	5.2	180.2
611 Pornainen	53.3	18.4	32.8	66.7	26.1	36.3	29.5	5.7	19.8	10.4	1.8	6.5	159.9
616 Pukkila	48.3	17.0	29.3	53.4	20.4	29.0	29.4	5.1	20.0	11.4	1.9	7.1	142.5
694 Riihimäki	44.8	16.2	26.8	69.6	29.3	35.6	31.2	5.8	21.1	11.5	2.0	7.2	157.2
781 Sysmä	49.5	20.9	27.0	79.9	37.9	37.6	27.9	5.3	19.0	9.6	1.4	6.1	166.9
834 Tammela	60.9	21.6	37.1	71.2	31.0	35.7	30.4	5.5	21.2	7.6	1.5	5.0	170.1
858 Tuusula	42.6	15.2	25.6	59.9	24.5	31.1	32.4	6.1	21.9	12.7	2.4	7.9	147.5
927 Vihti	53.0	18.7	32.4	68.6	28.2	36.0	31.5	6.3	21.0	11.3	2.0	7.3	164.4
981 Ypäjä	46.8	17.5	27.7	92.1	48.3	39.0	29.1	4.9	20.8	6.6	1.4	4.2	174.7
Total	50.8	19.3	29.6	72.6	32.3	35.9	29.6	5.6	20.1	10.0	1.7	6.4	163.0
Kaakkois-Suomi													
075 Hamina	71.3	25.0	43.5	48.1	22.7	22.8	18.3	2.5	12.9	4.1	0.5	2.6	141.8
142 Iitti	56.6	20.0	34.4	74.0	32.6	37.9	28.5	5.3	19.6	9.8	1.6	5.9	168.9
153 Imatra	54.5	24.1	28.7	69.5	35.6	30.9	25.7	3.4	18.9	7.6	0.6	4.8	157.4
285 Kotka	69.3	23.2	43.2	43.6	19.3	21.7	20.3	2.9	14.0	4.5	0.6	2.9	137.8
286 Kouvolaa	67.2	24.6	40.0	63.6	29.7	30.6	25.7	4.2	18.0	7.5	1.1	4.7	164.0
405 Lappeenranta	67.0	26.5	38.1	52.0	25.7	23.5	22.3	2.9	16.1	5.4	0.5	3.5	146.6
416 Lemi	62.6	25.8	34.4	51.4	26.0	22.7	24.7	3.4	17.8	6.4	0.5	4.2	145.1
441 Luumäki	72.7	26.3	43.5	48.3	23.2	22.3	21.6	2.8	15.4	4.7	0.5	3.0	147.3
489 Miehikkälä	72.1	26.6	42.8	51.7	25.4	23.6	18.5	2.5	13.2	3.9	0.5	2.5	146.1
580 Parikkala	58.3	25.3	31.2	59.7	27.9	29.2	26.8	3.3	19.9	8.4	0.5	5.6	153.3
624 Pyhtää-Pyttis	68.4	22.1	43.2	49.7	19.8	26.9	25.5	4.1	17.5	7.3	1.2	4.5	150.9
689 Rautjärvi	52.6	23.7	27.2	47.2	22.4	22.1	24.5	2.9	18.0	7.5	0.6	4.9	131.8
700 Ruokolahti	72.1	30.4	39.2	51.9	25.9	23.4	22.8	2.9	16.7	5.1	0.4	3.3	151.8
739 Savitaipale	74.0	29.5	41.7	41.9	20.1	19.3	22.8	3.3	16.2	5.7	0.5	3.7	144.4
831 Taipalsaari	74.4	32.2	39.4	38.1	17.8	18.2	23.8	3.5	17.2	6.0	0.4	4.0	142.3
935 Virolahti	73.6	26.4	44.4	48.1	22.8	22.7	17.4	2.4	12.4	3.8	0.5	2.4	142.9
Total	67.7	26.0	39.1	54.2	25.7	25.6	23.4	3.4	16.7	6.2	0.7	4.0	151.4
Pirkanmaa													
020 Akaa	50.7	19.3	29.4	79.0	37.1	37.2	28.7	4.5	20.5	7.3	1.5	4.6	165.6

Table 6a. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine total	Pine logs	Pine pulp.	Spruce total	Spruce logs	Spruce pulp.	Birch total	Birch logs	Birch pulp.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulp.	All tree species
Municipality	m^3/ha												
275 Konnevesi	43.8	16.3	25.9	53.5	25.2	25.1	25.8	3.8	18.2	7.2	0.6	4.6	130.3
291 Kuhmoinen	55.2	23.3	30.0	74.8	37.1	33.4	26.5	5.2	18.0	7.8	1.3	4.9	164.2
312 Kyyjärvi	74.4	18.7	51.1	15.1	5.6	8.1	15.8	0.8	12.1	2.0	0.3	1.3	107.3
410 Laukaa	58.0	22.4	33.6	56.2	26.5	26.3	24.1	4.0	16.7	6.6	0.7	4.3	145.0
435 Luhanka	51.4	21.1	28.5	74.1	34.5	35.4	27.5	5.5	18.5	8.8	1.3	5.5	161.8
495 Multia	80.7	26.8	50.5	30.2	13.0	14.9	17.5	1.8	12.6	2.5	0.3	1.6	130.9
500 Muurame	50.5	20.7	27.9	68.0	33.5	30.5	26.7	5.0	18.4	8.5	1.1	5.4	153.7
592 Petäjävesi	69.7	26.0	40.9	47.8	22.3	22.3	21.5	3.2	15.0	4.4	0.6	2.8	143.4
601 Pihtipudas	69.6	17.8	48.2	29.9	11.1	16.4	19.5	1.2	14.8	3.5	0.4	2.2	122.4
729 Saarijärvi	71.3	22.9	45.0	37.2	16.8	17.9	20.5	2.2	14.9	3.3	0.5	1.9	132.3
850 Toivakka	64.7	26.2	36.2	55.5	26.4	25.8	24.3	4.3	16.6	5.9	0.8	3.8	150.5
892 Uurainen	70.7	25.2	42.2	39.8	18.4	18.5	20.1	2.6	14.3	3.4	0.5	2.1	133.9
931 Viitasaari	64.6	19.0	42.5	39.4	16.5	20.0	23.0	2.2	17.1	5.0	0.7	3.1	131.9
992 Äänekoski	62.8	23.5	36.7	55.7	28.2	24.7	22.4	3.3	15.9	5.1	0.6	2.9	146.0
Total	65.2	22.1	40.2	45.6	20.8	21.7	22.2	2.9	15.9	4.9	0.6	3.1	137.8
Pohjois-Savo													
140 Ilialmi	39.5	10.1	27.5	53.5	22.9	26.6	29.6	2.2	22.4	7.9	0.6	4.7	130.4
174 Juankoski	44.9	15.0	28.2	60.2	28.4	28.0	29.0	2.9	21.8	7.6	0.5	4.6	141.8
204 Kaavi	59.6	21.0	36.5	50.6	22.0	25.1	23.7	2.0	17.8	5.3	0.3	3.4	139.3
239 Keitele	63.3	18.7	41.8	45.3	18.6	23.4	24.7	2.5	18.1	4.4	0.4	2.9	137.7
263 Kiuruvesi	47.5	11.1	34.0	35.5	12.8	19.6	29.1	1.6	22.2	5.3	0.5	3.2	117.4
297 Kuopio	44.7	15.9	27.2	69.6	34.2	31.6	28.8	3.6	21.3	7.6	0.5	4.8	150.7
402 Lapinlahti	41.9	11.3	28.9	57.1	25.2	28.0	28.7	2.2	21.7	7.1	0.5	4.2	134.7
420 Leppävirta	50.1	20.4	28.0	68.9	34.2	31.2	28.4	3.9	20.8	7.7	0.7	5.0	155.1
476 Maaninka	41.9	12.4	27.9	62.9	29.6	29.3	27.5	3.1	19.9	7.2	0.4	4.4	139.5
595 Pielavesi	52.9	15.8	34.9	53.4	23.0	26.8	27.8	2.9	20.6	5.9	0.5	3.7	140.0
686 Rautalampi	54.4	18.5	33.5	50.1	21.6	24.8	28.1	4.2	20.1	6.1	0.5	3.8	138.6
687 Rautavaara	65.9	18.7	44.2	30.1	10.7	16.8	19.9	1.3	14.6	2.7	0.1	1.6	118.7
749 Siilinjärvi	36.4	11.5	23.5	66.5	32.1	30.5	27.5	3.0	20.2	7.9	0.5	4.8	138.2
762 Sonkajärvi	59.4	14.2	42.1	28.8	10.1	16.1	22.6	1.3	16.8	3.2	0.2	2.0	114.0
778 Suonenjoki	57.7	20.0	35.3	52.3	24.0	24.9	26.3	3.7	18.7	5.3	0.4	3.4	141.5
844 Tervo	45.2	15.0	28.5	57.7	25.9	27.9	31.5	4.5	22.6	7.5	0.5	4.8	141.8
857 Tuusniemi	41.6	16.7	23.5	75.3	37.2	34.1	28.0	3.6	20.8	8.1	0.5	5.2	153.0
915 Varkaus	57.3	24.9	30.7	67.4	34.1	29.8	27.8	3.9	20.2	8.1	0.7	5.4	160.5
921 Vesanto	51.1	17.2	31.9	58.7	27.1	27.9	27.5	3.8	19.5	6.3	0.6	4.0	143.5
925 Vieremä	57.0	13.6	40.5	31.1	10.6	17.7	25.2	1.3	19.1	3.9	0.3	2.5	117.1
Total	51.3	15.9	33.2	51.9	23.2	25.3	26.8	2.7	19.8	6.0	0.4	3.7	135.9
Pohjois-Karjala													
146 Ilomantsi	78.9	24.3	50.4	20.4	8.6	10.1	14.5	1.1	10.3	2.1	0.1	1.2	116.0
167 Joensuu	63.5	22.8	37.9	41.4	19.7	18.9	24.4	2.5	18.0	5.2	0.4	3.1	134.5
176 Juuka	70.2	23.3	44.0	37.3	14.6	19.7	20.8	1.6	15.3	3.6	0.2	2.2	131.9
260 Kitee	65.3	26.1	36.8	52.0	25.3	23.9	26.4	2.6	19.9	5.2	0.3	3.3	148.8
276 Kontiolahti	67.3	26.4	38.2	38.1	17.5	17.7	25.3	2.4	19.0	6.1	0.4	3.9	136.8
309 Outokumpu	62.0	24.6	35.2	51.9	22.9	25.6	25.0	2.6	18.6	6.1	0.4	4.1	145.1
422 Lieksa	76.7	25.1	47.7	25.9	10.3	13.4	17.6	1.5	12.6	2.8	0.1	1.6	123.0
426 Liperi	55.5	23.0	30.6	57.4	27.1	26.7	28.1	3.3	21.0	7.2	0.5	4.8	148.3
541 Nurmes	63.1	18.4	41.7	32.5	12.0	17.8	20.9	1.5	15.2	3.2	0.1	1.9	119.8
607 Polvijärvi	65.1	23.1	39.3	37.2	14.9	19.1	24.1	1.9	17.9	5.5	0.3	3.6	132.0
707 Rääkkylä	56.8	23.3	31.5	55.1	27.1	24.8	28.7	3.2	21.4	6.5	0.5	4.1	147.1
848 Tohmajärvi	66.9	23.4	40.6	44.2	21.5	20.0	24.9	2.3	18.4	4.2	0.3	2.4	140.2
911 Valtimo	60.2	16.2	41.1	32.4	11.6	18.0	22.3	1.7	16.3	3.6	0.2	2.2	118.5
Total	69.0	23.3	42.5	35.0	15.2	17.2	21.2	1.9	15.5	4.0	0.2	2.4	129.1
Kainuu													
105 Hyrynsalmi	56.1	14.1	38.5	20.0	6.6	11.7	14.9	0.5	10.9	1.5	0.1	1.0	92.5
205 Kajaani	62.4	14.7	44.3	18.9	5.6	11.5	19.7	0.9	14.5	2.1	0.1	1.5	103.1
290 Kuhmo	65.3	17.9	43.5	20.9	7.0	12.2	14.3	0.7	9.9	1.4	0.1	0.8	102.0
578 Paltamo	58.1	13.5	41.3	20.6	6.6	12.1	18.6	0.7	13.8	2.6	0.1	1.7	99.9
620 Puolanka	50.5	11.7	35.3	17.7	5.7	10.4	15.0	0.4	11.3	1.5	0.1	0.9	84.6
697 Ristijärvi	55.2	13.5	38.3	21.7	7.0	12.7	18.0	0.7	13.2	2.1	0.1	1.4	96.9
765 Sotkamo	60.5	15.5	41.8	27.9	9.8	15.8	19.7	1.1	14.3	2.7	0.1	1.6	110.7
777 Suomussalmi	52.5	12.4	36.6	16.8	4.5	10.7	11.7	0.2	8.5	1.3	0.1	0.8	82.3
785 Vaala	54.3	10.3	39.8	7.4	2.0	4.6	14.7	0.3	11.1	1.1	0.1	0.7	77.4
Total	57.7	14.2	39.9	19.5	6.2	11.6	15.3	0.6	11.1	1.7	0.1	1.1	94.1
Pohjois-Pohjanmaa													
009 Alavieska	62.3	13.7	44.9	25.6	9.1	14.7	20.7	0.6	15.9	3.7	0.2	2.6	112.3
069 Haapajärvi	61.6	13.5	44.4	25.7	9.3	14.3	22.0	0.8	17.2	3.9	0.4	2.7	113.3
071 Haapavesi	52.1	10.3	38.4	20.9	7.0	12.0	24.1	0.5	19.3	3.8	0.3	2.7	101.0
072 Hailuoto	45.8	11.0	31.0	9.5	3.0	5.4	18.9	0.0	14.4	2.9	0.2	1.9	77.1
208 Kalajoki	67.4	13.1	49.6	22.9	7.7	13.2	18.8	0.5	13.7	2.2	0.2	1.6	111.2
139 Ii	45.1	7.6	33.5	10.9	2.1	7.5	14.9	0.1	10.6	1.2	0.1	0.7	72.0
244 Kempele	53.7	11.3	37.8	15.1	4.1	9.4	22.9	0.1	17.5	3.7	0.2	2.5	95.4
305 Kuusamo	46.4	10.1	33.2	17.9	4.3	11.9	11.3	0.1	8.4	1.2	0.1	0.9	76.8
317 Kärsämäki	59.1	12.4	43.0	19.5	6.6	11.1	21.4	0.7	16.3	3.3	0.3	2.3	103.3
425 Liminka	52.6	9.4	38.6	8.6	2.1	5.5	18.8	0.1	14.1	2.1	0.2	1.4	82.1
436 Lumijoki	54.7	10.5	39.4	14.4	3.4	9.1	21.9	0.1	16.3	3.1	0.1	2.2	94.1
483 Merijärvi	56.1	12.8	40.1	27.5	9.5	16.1	23.4	0.6	18.4	4.1	0.3	2.9	111.1
494 Muhos	52.7	9.5	38.5	8.2	2.6	4.8	14.5	0.1	10.7	1.5	0.1	1.0	76.8
535 Nivala	54.9	13.1	38.7	32.3	12.1	17.9	23.8	0.8	18.8	5.8	0.6	4.1	116.8

Table 6a. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region													
Municipality	Pine	Pine	Pine	Spruce	Spruce	Spruce	Birch	Birch	Birch	Other	Other	Other	All tree species
	total	logs	pulpw.	total	logs	pulpw.	total	logs	pulpw.	tree species total	tree species logs	decid. tree species pulpw.	
m ³ /ha													
563 Oulainen	51.9	11.5	37.1	23.9	8.5	13.5	23.5	0.6	18.7	4.4	0.3	3.2	103.6
564 Oulu	56.8	11.1	40.8	11.9	3.1	7.6	15.7	0.1	11.9	1.3	0.1	0.9	85.7
615 Pudasjärvi	50.1	9.0	37.0	12.5	2.9	8.4	10.3	0.1	7.7	0.8	0.0	0.6	73.7
625 Pyhäjoki	56.9	10.9	42.2	21.7	6.7	13.1	23.4	0.4	18.0	3.2	0.2	2.3	105.2
626 Pyhäsalmi	58.8	13.0	42.6	22.9	7.2	13.6	22.9	1.0	17.4	3.5	0.3	2.2	108.1
630 Pyhäntä	62.8	13.9	45.2	9.1	2.4	5.8	16.9	0.5	12.5	1.3	0.1	0.9	90.1
678 Raahe	56.5	11.2	41.4	19.1	6.3	11.2	22.1	0.3	17.3	3.0	0.2	2.1	100.6
691 Reisjärvi	67.2	15.7	47.2	23.9	9.2	12.7	20.6	0.8	15.9	4.0	0.4	2.8	115.7
746 Sievi	61.1	13.1	43.7	16.5	5.6	9.5	18.4	0.6	14.2	3.4	0.4	2.4	99.3
748 Siikajoki	59.4	11.1	43.5	12.2	3.4	7.3	20.9	0.2	15.8	2.7	0.2	1.9	95.1
791 Siikalatva	58.8	10.9	43.5	9.6	2.7	5.8	20.1	0.3	15.4	2.0	0.2	1.4	90.5
832 Taivalkoski	47.6	11.0	33.7	20.0	5.3	13.0	11.0	0.1	8.3	1.3	0.1	0.9	79.9
859 Tyrnävä	59.9	10.9	43.7	9.2	2.5	5.6	16.4	0.1	12.2	2.0	0.1	1.4	87.4
889 Utajärvi	55.0	9.9	40.7	7.1	1.8	4.5	13.2	0.2	9.9	0.8	0.1	0.5	76.1
977 Ylivieska	57.4	13.2	40.8	24.7	8.7	14.1	23.7	0.7	18.7	4.6	0.4	3.2	110.4
Total	53.5	10.7	38.9	15.7	4.5	9.8	15.9	0.3	12.1	1.9	0.1	1.3	87.0
Lapland													
047 Enontekiö	18.8	2.9	14.9	2.3	0.6	1.5	9.3	0.0	3.9	0.2	0.0	0.1	30.5
148 Inari	47.0	6.1	38.9	2.9	0.9	1.8	7.3	0.0	3.9	0.3	0.0	0.2	57.5
240 Kemi	20.8	1.7	17.4	39.0	6.7	28.2	21.3	0.1	16.0	5.5	0.1	3.8	86.7
241 Keminmaa	26.8	3.3	20.9	33.2	6.1	23.2	19.6	0.1	14.4	2.4	0.0	1.1	82.1
261 Kittilä	34.8	6.4	25.8	11.6	2.4	8.0	9.9	0.0	7.0	0.7	0.0	0.4	57.0
273 Kolari	41.8	8.5	29.9	9.5	1.4	6.6	8.4	0.0	5.5	0.5	0.0	0.3	60.2
320 Kemijärvi	49.5	7.9	37.6	8.5	1.1	6.2	7.5	0.0	5.1	0.7	0.0	0.4	66.2
498 Muonio	43.2	9.7	31.4	11.2	2.3	7.8	7.5	0.0	5.5	0.6	0.0	0.4	62.5
583 Pelkosenniemi	38.2	6.4	28.2	11.4	1.6	8.3	9.9	0.0	7.0	0.5	0.0	0.3	60.0
614 Posio	46.8	9.3	34.2	13.3	2.8	9.3	7.9	0.1	5.7	0.7	0.0	0.5	68.8
683 Ranua	45.9	7.2	34.3	11.0	2.3	7.4	8.6	0.1	6.0	0.8	0.0	0.6	66.3
698 Rovaniemi	44.8	9.0	32.0	12.6	2.2	8.7	9.6	0.1	6.6	0.9	0.0	0.6	67.9
732 Salla	37.2	6.0	28.4	14.7	2.9	10.5	8.9	0.0	6.3	0.5	0.0	0.3	61.3
742 Savukoski	37.3	6.6	28.2	10.5	2.2	7.4	6.2	0.0	4.2	0.2	0.0	0.1	54.3
751 Simo	36.0	4.9	27.1	17.6	3.2	12.0	15.3	0.1	10.6	1.1	0.0	0.6	69.9
758 Sodankylä	36.0	6.6	27.1	10.2	2.1	7.1	7.9	0.0	5.6	0.3	0.0	0.1	54.5
845 Tervola	27.7	3.5	21.3	27.1	4.7	19.1	17.6	0.2	12.2	1.1	0.0	0.5	73.5
851 Tornio	21.0	2.3	16.3	31.9	5.0	23.2	24.8	0.1	18.2	3.2	0.1	2.1	80.9
854 Pello	41.0	8.6	28.9	14.0	2.0	10.0	12.6	0.1	8.5	1.5	0.1	0.8	69.0
890 Utsjoki	10.9	0.2	10.1	0.0	0.0	0.0	16.4	0.0	2.5	0.0	0.0	0.0	27.4
976 Ylitornio	34.7	6.0	24.8	14.5	2.2	10.3	13.2	0.2	9.0	1.2	0.0	0.6	63.7
Total	39.1	6.6	29.7	10.5	2.0	7.3	9.2	0.0	6.0	0.6	0.0	0.4	59.5

Table 6b. The growing stock volume by tree species and roundwood assortment on forest land and poorly productive forest land by Forest Centre regions.

Forest Centre region										Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species	
Municipality	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	1000 m ³				
563 Oulainen	2 413	535	1 726	1 110	396	627	1 093	27	871		204	16	147	4 819
564 Oulu	13 137	2 564	9 449	2 751	715	1 748	3 640	26	2 746		291	13	196	19 818
615 Pudasjärvi	22 214	3 977	16 405	5 534	1 264	3 708	4 545	53	3 415		352	18	251	32 645
625 Pyhäjoki	2 497	479	1 853	951	295	574	1 027	19	789		141	8	101	4 616
626 Pyhäsalmi	6 568	1 449	4 755	2 560	802	1 517	2 559	108	1 940		387	37	249	12 075
630 Pyhäntä	4 160	920	2 991	605	157	381	1 118	32	825		83	5	58	5 966
678 Raahе	4 400	876	3 228	1 487	489	869	1 725	25	1 350		231	14	164	7 844
691 Reisjärvi	2 388	559	1 676	848	328	453	733	29	565		141	15	98	4 110
746 Sievi	3 581	765	2 563	966	328	554	1 076	36	830		200	22	138	5 823
748 Siikajoki	4 422	824	3 242	906	254	546	1 559	14	1 178		197	14	140	7 084
791 Siikalatva	10 140	1 876	7 509	1 650	464	1 005	3 469	53	2 655		347	32	234	15 607
832 Taivalkoski	9 863	2 274	6 981	4 137	1 090	2 693	2 278	25	1 710		266	18	192	16 545
859 Tyrnävä	1 863	338	1 358	285	78	175	509	3	379		63	4	44	2 720
889 Utajärvi	6 907	1 243	5 116	893	229	563	1 656	23	1 248		102	7	63	9 557
977 Ylivieska	2 450	565	1 740	1 053	373	601	1 012	30	800		197	18	138	4 713
Total	148 400	29 782	107 801	43 519	12 327	27 071	44 099	778	33 457		5 331	400	3 688	241 349
Lapland														
047 Enontekiö	5 201	809	4 123	622	174	412	2 576	0	1 080		45	0	32	8 444
148 Inari	49 108	6 344	40 621	3 004	978	1 861	7 677	0	4 105		331	12	229	60 119
240 Kemi	141	11	117	264	45	191	144	1	108		37	1	26	586
241 Kemijärvi	1 325	163	1 032	1 638	299	1 144	969	5	711		120	1	55	4 053
261 Kittilä	21 088	3 890	15 616	7 004	1 439	4 841	5 965	2	4 212		413	1	243	34 470
273 Kolari	8 917	1 816	6 379	2 021	292	1 414	1 797	5	1 170		116	1	69	12 850
320 Kemijärvi	14 858	2 357	11 273	2 546	343	1 863	2 243	2	1 527		197	10	114	19 844
498 Muonio	6 718	1 502	4 879	1 739	355	1 211	1 162	2	855		92	1	66	9 712
583 Pelkosenniemi	5 590	939	4 135	1 673	232	1 219	1 454	2	1 020		72	0	40	8 790
614 Posio	11 704	2 321	8 544	3 331	703	2 327	1 983	22	1 417		184	3	133	17 200
683 Ranua	12 207	1 903	9 117	2 938	609	1 964	2 299	16	1 607		202	3	146	17 646
698 Rovaniemi	29 257	5 844	20 909	8 204	1 442	5 692	6 258	49	4 305		612	9	403	44 331
732 Salla	17 396	2 808	13 279	6 878	1 359	4 894	4 178	15	2 958		238	3	141	28 689
742 Savukoski	20 223	3 581	15 304	5 697	1 208	3 994	3 361	6	2 286		125	0	35	29 407
751 Simo	3 833	519	2 885	1 871	345	1 281	1 629	13	1 130		118	1	62	7 452
758 Sodankylä	30 346	5 579	22 832	8 626	1 760	5 990	6 677	3	4 721		280	0	111	45 929
845 Tervola	3 540	450	2 721	3 458	604	2 436	2 246	19	1 560		145	0	67	9 389
851 Tornio	1 924	208	1 495	2 917	461	2 118	2 268	13	1 662		294	10	195	7 403
854 Pello	6 324	1 330	4 466	2 160	310	1 546	1 943	22	1 311		224	7	130	10 651
890 Utsjoki	982	16	910	2	0	1	1 484	0	227		3	0	0	2 471
976 Ylitornio	5 892	1 015	4 205	2 467	372	1 750	2 239	32	1 532		208	1	106	10 805
Total	256 573	43 407	194 845	69 060	13 330	48 150	60 554	227	39 508		4 055	66	2 404	390 242

Table 6c. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land available for wood supply by Forest Centre regions.

Forest Centre region													
Municipality	Pine	Pine	Pine	Spruce	Spruce	Spruce	Birch	Birch	Birch	Other	Other	Other	All tree
	total	logs	pulpw.	total	logs	pulpw.	total	logs	pulpw.	decid.	decid.	decid.	
	m ³ /ha												
Åland													
035 Brändö	48.8	10.2	33.9	13.3	4.6	7.5	18.1	1.3	13.3	14.2	0.9	9.3	94.5
043 Eckerö	72.7	14.5	52.8	23.2	7.3	14.1	18.3	1.5	13.7	10.2	0.9	6.9	124.4
060 Finström	69.8	16.1	49.1	27.3	9.3	16.0	18.8	1.6	14.0	9.7	0.9	6.5	125.6
062 Föglö	80.0	16.6	58.0	22.8	7.9	13.2	14.4	1.1	10.9	8.4	0.7	5.5	125.7
065 Geta	67.0	13.5	46.6	18.8	6.5	10.9	12.1	1.0	9.0	5.8	0.5	3.8	103.7
076 Hammarland	72.4	15.3	52.0	23.5	7.5	14.1	18.6	1.5	14.0	9.7	0.9	6.5	124.2
170 Jomala	73.0	16.4	52.4	28.4	9.4	16.8	20.4	1.8	15.3	11.5	1.0	7.7	133.4
295 Kumlinge	64.3	11.8	46.6	13.0	4.2	7.7	14.2	0.9	10.5	10.1	0.7	6.6	101.6
318 Kökar	37.6	7.6	24.9	10.6	4.9	5.0	10.2	0.7	7.4	10.3	0.5	6.3	68.6
417 Lemland	72.6	16.0	52.1	27.2	8.9	16.2	21.5	1.8	16.1	11.9	1.1	8.0	133.2
438 Lumparland	81.1	17.4	58.2	25.6	8.8	14.9	14.8	1.2	11.2	7.7	0.7	5.1	129.1
478 Mariehamn-Maarianhamina	63.7	12.1	46.3	16.3	5.1	9.7	16.8	1.4	12.2	13.5	1.1	9.0	110.3
736 Saltvik	74.1	15.4	52.7	22.7	7.8	13.2	13.5	1.1	10.1	6.1	0.6	4.0	116.5
766 Sottunga	57.4	11.2	40.6	13.8	5.1	7.6	11.3	0.8	8.3	9.2	0.5	5.9	91.7
771 Sund	77.2	15.9	55.7	25.4	8.6	14.9	15.5	1.3	11.7	8.1	0.7	5.4	126.2
941 Vårdö	77.0	15.3	55.3	23.5	8.3	13.5	12.3	1.0	9.3	6.3	0.5	4.2	119.0
Total	70.8	14.8	50.6	22.6	7.6	13.2	16.4	1.3	12.3	9.3	0.8	6.2	119.0
Rannikko/Etelärannikko													
049 Espoo-Esbo	62.2	21.7	38.3	67.1	28.1	35.1	28.7	6.1	19.3	10.4	1.9	6.5	168.4
078 Hanko-Hangö	84.2	24.6	56.6	44.6	18.0	24.8	20.3	4.3	13.8	9.3	1.8	6.4	158.4
091 Helsinki-Helsingfors	52.8	18.2	32.6	65.1	28.3	32.9	31.8	6.6	21.7	11.4	2.3	6.7	161.0
092 Vantaa-Vanda	43.4	15.1	26.5	62.7	25.7	32.7	35.9	7.1	24.6	14.0	2.8	8.6	156.0
149 Ingå-Inkoo	64.5	21.0	41.1	59.6	26.2	30.1	26.1	5.8	17.4	10.0	1.9	6.5	160.2
235 Kauniainen-Grankulla	75.0	26.6	45.8	65.9	28.0	34.3	26.8	5.6	17.9	8.9	1.6	5.4	176.5
257 Kirkkonummi-Kyrkslätt	60.9	19.8	38.7	56.6	23.3	29.8	27.0	5.7	18.0	10.2	1.8	6.5	154.6
322 Kemiönsaari	79.4	22.7	53.2	32.3	12.5	18.1	14.3	2.4	10.0	6.6	1.0	4.7	132.6
407 Lapinjärvi-Lapträsk	55.7	18.9	34.5	69.3	28.7	37.2	31.0	5.7	21.2	10.3	1.8	6.1	166.2
434 Loviisa-Lovisa	63.7	20.6	40.3	55.0	21.0	30.8	25.9	4.7	17.6	8.9	1.4	5.5	153.6
445 Länsi-Turunmaa	86.0	21.5	59.6	27.6	9.9	15.9	15.2	2.2	11.2	8.8	1.0	6.0	137.6
638 Porvoo-Borgå	63.4	20.7	40.0	55.2	20.9	31.1	24.6	4.8	16.6	8.5	1.3	5.3	151.7
710 Raasepori	73.4	23.0	47.8	55.3	23.2	29.2	23.8	5.0	16.0	9.6	1.8	6.5	162.1
753 Sipoo-Sibbo	53.8	19.0	32.8	77.6	33.2	40.0	28.7	6.3	19.0	10.3	1.9	6.4	170.3
755 Siuntio-Sjundeå	50.3	16.7	31.5	54.6	21.9	29.0	30.4	6.3	20.2	12.3	2.2	8.0	147.6
Total	68.7	21.1	44.7	51.3	20.7	27.7	23.5	4.6	16.0	9.3	1.5	6.0	152.8
Rannikko/Pohjanmaan rannikko													
231 Kaskinen-Kaskö	56.3	10.9	41.8	36.4	12.3	20.7	22.1	0.9	15.7	5.0	0.3	3.4	119.7
272 Kokkola-Karleby Rannikko	72.9	16.9	51.5	31.1	10.4	18.1	20.1	1.0	13.8	4.3	0.6	2.9	128.4
280 Korsnäs	55.4	13.9	38.3	43.4	15.0	24.6	23.7	1.0	16.9	6.4	0.9	4.4	128.8
287 Kristinestad-	62.4	16.4	42.9	48.0	19.0	25.6	21.0	1.2	15.6	4.6	0.6	3.2	136.0
288 Kronoby-Kruunupyy	69.8	16.2	49.1	24.7	8.2	14.1	19.5	0.8	13.9	2.8	0.4	1.8	116.6
440 Larsmo-Luoto	64.0	15.0	45.1	34.3	11.2	19.9	20.8	0.9	14.9	5.3	0.6	3.6	124.3
475 Malax-Maalhti	57.0	14.0	39.6	38.5	13.6	21.7	24.3	1.1	17.7	5.8	0.7	4.0	125.6
499 Korsholm-Mustasaari	59.1	14.4	41.6	49.4	17.6	28.0	23.6	1.0	17.0	5.6	0.6	3.9	137.7
545 Närpes-Närpiö	60.1	15.1	41.7	43.1	16.0	23.9	20.4	1.0	15.0	4.4	0.6	3.1	128.0
598 Jakobstad-Pietarsaari	58.5	13.4	41.5	29.5	9.4	17.1	22.9	1.0	16.5	6.3	0.8	4.3	117.1
599 Pedersöre-Pedersören kunta	72.8	18.0	50.3	26.8	8.9	15.4	19.2	0.8	13.8	3.4	0.5	2.2	122.2
893 Nykarleby-Uusikaarlepyy	66.2	16.2	46.0	32.9	11.1	19.0	20.4	0.9	14.7	4.0	0.5	2.7	123.4
905 Vaasa-Vasa	53.2	13.2	36.9	48.5	17.8	26.9	26.7	1.3	19.5	6.8	0.7	4.8	135.2
946 Vörå-Vöyri	55.9	14.4	38.0	35.6	12.6	20.0	22.5	1.2	16.2	5.3	0.6	3.6	119.3
Total	62.8	15.5	43.7	37.7	13.4	21.2	21.5	1.0	15.5	4.6	0.6	3.2	126.6
Lounais-Suomi													
019 Aura	66.6	26.6	37.9	59.3	25.0	30.8	20.6	2.6	15.2	5.8	1.3	3.6	152.1
050 Eura	67.9	24.5	41.1	52.1	20.7	28.0	22.0	2.8	16.0	4.7	0.7	3.4	146.6
051 Eurajoki	55.7	20.8	32.9	66.1	27.8	34.8	22.7	2.9	16.6	6.5	0.9	4.6	150.9
079 Harjavalta	64.7	21.6	40.2	53.4	21.9	28.3	22.8	2.7	16.7	5.3	0.8	3.8	146.1
099 Honkajoki	81.4	23.6	53.7	20.2	7.7	10.9	14.6	1.1	10.7	3.4	0.4	2.2	119.6
102 Huittinen	53.0	18.3	32.4	64.5	28.9	32.0	27.8	3.8	20.0	6.1	1.1	4.1	151.4
181 Jämijärvi	61.3	21.4	36.9	38.7	16.7	18.9	19.6	1.8	14.6	3.6	0.3	2.3	123.2
202 Kaarina	72.8	24.5	45.7	43.8	17.3	24.0	21.7	3.7	15.0	9.7	1.7	6.7	148.0
214 Kankaanpää	69.6	23.2	43.0	34.8	15.1	17.3	17.1	1.8	12.4	3.0	0.3	1.9	124.5
230 Karvia	80.0	24.2	51.1	12.6	4.8	6.9	13.6	0.9	10.2	2.1	0.2	1.5	108.3
271 Kokemäki	59.4	21.3	35.7	54.1	23.3	27.5	25.7	3.5	18.5	4.8	0.9	3.2	143.9
284 Koski T.I.	48.4	18.3	28.1	80.2	39.6	36.4	28.8	4.1	20.7	8.0	1.6	5.2	165.4
304 Kustavi	81.9	19.0	57.4	25.2	8.8	14.6	12.7	1.0	9.5	5.8	0.5	3.8	125.5
319 Köyliö	71.4	25.8	43.1	51.7	22.2	26.2	23.6	3.2	17.3	3.5	0.5	2.6	150.2
400 Laitila	76.4	26.1	47.4	46.8	18.2	25.6	17.3	2.1	12.7	4.2	0.7	2.9	144.7
413 Lavia	63.7	22.4	38.6	59.5	25.1	30.2	22.2	3.4	15.6	4.1	0.7	2.6	149.5
423 Lieto	75.6	28.4	44.6	59.6	25.0	31.2	17.1	2.2	12.5	5.2	1.1	3.2	157.4
430 Loimaa	51.6	18.5	31.0	74.1	35.7	34.2	28.6	4.2	20.6	6.5	1.3	4.3	160.7
442 Luvia	60.6	21.8	36.5	63.1	25.2	34.3	22.8	2.8	16.9	6.6	1.0	4.6	153.1
480 Marttila	59.2	22.3	34.5	66.4	30.4	32.4	24.3	3.0	17.9	6.9	1.3	4.5	156.8
481 Masku	80.1	26.3	50.6	44.8	17.4	24.7	17.6	2.5	12.8	6.7	1.0	4.6	149.3
484 Merikarvia	59.7	17.6	39.2	56.7	24.8	28.0	29.3	2.9	21.6	6.9	1.2	4.8	152.6
503 Mynämäki	78.7	27.9	48.1	55.0	22.0	29.7	18.4	2.3	13.6	4.1	0.8	2.7	156.1
529 Naantali	87.6	22.7	60.1	25.4	9.0	14.7	14.2	1.9	10.5	7.9	0.7	5.3	135.1
531 Nakkila	53.1	18.9	32.2	63.4	25.8	34.0	24.8	2.9	18.4	6.8	1.0	4.9	148.1
538 Nousiainen	77.0	28.2	46.2	57.0	23.4	30.4	16.1	2.0	11.9	4.0	0.8	2.6	154.2

Table 6c. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land available for wood supply by Forest Centre regions.

Municipality	Pine total	Pine logs	Pine pulp.	Spruce total	Spruce logs	Spruce pulp.	Birch total	Birch logs	Birch pulp.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulp.	All tree species
Forest Centre region													
561 Oripää	64.9	23.7	39.0	55.2	25.7	26.3	21.3	2.9	15.5	3.9	0.7	2.8	145.4
577 Paimio	74.3	25.4	46.4	50.3	21.2	26.3	19.7	3.1	13.8	5.9	1.1	4.0	150.1
608 Pomarkku	65.9	23.9	39.4	65.2	30.0	31.5	20.2	2.7	14.4	4.5	0.7	3.1	155.8
609 Pori	64.0	22.0	39.4	59.5	25.0	31.0	23.3	2.7	17.2	6.5	1.0	4.5	153.2
631 Pyhärinta	68.6	25.4	40.8	58.1	23.5	31.3	19.6	2.4	14.5	5.6	0.9	3.8	151.9
636 Pöytyä	70.4	25.7	42.2	56.7	24.4	29.0	21.5	2.9	15.7	4.1	0.6	3.0	152.6
680 Raisio	78.2	25.9	49.3	39.8	15.6	21.8	17.5	2.7	12.5	8.4	1.1	5.9	144.0
684 Rauma	68.9	24.6	41.7	51.3	21.0	27.4	19.3	2.3	14.2	5.3	0.7	3.8	144.8
704 Rusko	82.1	30.7	48.9	62.5	25.8	33.2	17.6	2.2	13.1	4.3	0.9	2.7	166.5
734 Salo	71.0	24.1	44.5	54.8	23.7	28.1	23.2	4.1	16.0	7.9	1.5	5.3	157.0
738 Sauvo	74.1	23.6	47.7	42.6	16.8	23.4	18.8	3.2	13.1	7.2	1.3	4.9	142.6
747 Siikainen	73.4	22.2	47.8	38.3	15.8	19.8	20.4	1.7	15.3	5.4	0.7	3.6	137.4
761 Somero	57.8	20.8	34.9	73.7	34.4	35.0	30.8	5.4	21.4	9.2	1.9	6.0	171.5
783 Säkyli	70.8	27.2	41.4	46.9	20.2	23.8	22.2	3.0	16.3	3.6	0.6	2.6	143.5
833 Taivassalo	83.0	20.9	57.3	26.7	9.0	15.9	13.4	1.4	9.9	5.7	0.5	3.9	128.8
838 Tarvasjoki	65.5	25.6	37.8	65.4	28.1	33.5	23.1	3.1	17.0	6.9	1.5	4.3	160.8
853 Turku-Abo	77.9	27.2	47.8	49.6	20.3	26.5	17.5	2.5	12.8	7.2	1.1	4.8	152.2
886 Ulvila	58.7	21.4	35.2	65.1	27.7	33.5	25.1	3.1	18.5	5.5	0.9	3.9	154.3
895 Uusikaupunki	79.6	24.4	51.6	39.3	14.9	21.9	15.8	1.6	11.6	5.7	0.7	3.9	140.4
918 Vehmaa	75.4	22.7	49.3	34.8	12.1	20.1	18.1	2.4	13.2	6.2	0.7	4.4	134.4
Total	68.5	23.2	42.6	51.6	21.9	26.6	21.4	2.8	15.5	5.6	0.9	3.8	147.2
Häme-Uusimaa													
016 Asikkala	45.1	18.2	25.4	84.0	38.7	40.3	30.7	5.5	21.1	10.8	1.6	6.7	170.6
018 Askola	52.4	18.9	31.5	60.0	23.9	32.2	26.4	5.1	17.7	10.3	1.6	6.5	149.2
061 Forssa	46.0	17.8	26.7	87.0	43.7	38.8	29.1	4.7	20.9	7.6	1.5	5.0	169.8
081 Hartola	50.8	20.3	28.8	77.0	36.7	36.2	29.3	5.0	20.4	9.2	1.1	5.9	166.3
082 Hattula	55.5	20.9	32.6	66.9	26.7	35.2	32.9	6.3	22.5	10.3	1.9	6.6	165.6
086 Hausjärvi	50.5	19.7	28.9	67.2	27.8	34.9	27.9	5.4	18.6	10.3	1.7	6.5	155.9
098 Hollola	44.5	18.3	24.5	78.7	37.0	37.0	28.5	5.6	19.0	11.2	1.8	6.9	162.8
103 Humppila	43.8	16.3	25.9	80.2	38.8	36.8	26.4	4.5	19.0	7.1	1.4	4.3	157.4
106 Hyvinkää	53.0	19.1	31.9	66.1	26.8	34.9	29.6	5.5	20.0	9.7	1.7	6.1	158.3
109 Hämeenlinna	51.9	20.6	29.5	80.4	36.7	38.8	29.3	5.7	19.9	9.0	1.6	5.7	170.6
111 Heinola	59.5	23.3	34.0	73.0	34.3	34.6	27.4	4.9	19.0	8.4	1.1	5.3	168.4
165 Janakkala	51.4	20.0	29.5	73.7	31.5	37.3	29.8	5.8	20.1	10.2	1.8	6.5	165.1
169 Jokioinen	41.0	15.2	24.3	89.8	46.1	38.8	30.3	5.1	21.4	8.3	1.7	5.1	169.4
186 Järvenpää	43.3	16.1	25.5	61.5	26.4	30.7	30.1	5.7	20.4	13.7	2.5	8.4	148.5
224 Karkkila	47.5	16.9	28.8	76.6	32.3	39.5	31.4	6.4	20.8	11.0	1.9	7.1	166.4
245 Kerava	50.1	17.9	30.4	64.4	26.4	33.5	32.3	6.5	22.1	12.5	2.4	7.7	159.4
283 Hämeenkoski	40.1	16.9	21.8	79.7	38.2	36.8	28.3	5.7	18.8	11.4	1.8	7.2	159.6
316 Kärkölä	40.8	15.7	23.4	64.8	27.4	32.8	29.4	5.5	19.6	11.0	1.8	6.8	145.9
398 Lahti	42.7	17.5	23.6	72.2	33.9	34.2	30.1	5.6	20.2	13.3	2.2	7.9	158.3
433 Loppi	51.4	18.1	31.3	69.4	29.0	35.8	30.4	5.9	20.4	9.9	1.7	6.3	161.0
444 Lohja	49.6	16.8	30.8	59.3	24.0	31.2	34.1	6.9	22.8	13.5	2.4	8.8	156.5
504 Myrskylä-Mörskom	48.3	16.7	29.8	57.1	22.6	31.1	30.7	5.5	21.0	11.8	1.9	7.0	147.9
505 Mäntsälä	47.1	17.6	27.5	69.4	29.5	35.4	27.6	5.2	18.6	10.0	1.7	6.3	154.1
532 Nastola	43.3	14.8	26.6	67.4	27.7	36.0	31.0	5.1	21.3	12.6	2.0	7.6	154.2
543 Nurmijärvi	41.8	14.6	25.4	56.0	21.7	30.1	31.9	6.0	21.3	12.5	2.2	7.9	142.2
560 Orimattila	46.6	16.8	27.9	57.6	23.5	30.4	28.4	5.2	19.1	11.8	1.9	7.2	144.4
576 Padasjoki	59.6	25.0	32.6	83.4	39.0	39.5	27.1	5.3	18.6	8.1	1.3	5.2	178.3
611 Pornainen	53.2	18.4	32.7	67.1	26.2	36.5	29.7	5.7	19.9	10.5	1.8	6.6	160.6
616 Pukkila	48.2	16.9	29.2	53.1	20.2	28.9	29.6	5.1	20.0	11.5	1.9	7.1	142.3
694 Riihimäki	44.6	16.1	26.7	68.4	28.7	35.1	31.2	5.8	21.0	11.5	2.1	7.2	155.7
781 Sysmä	49.3	20.8	26.8	79.8	37.8	37.5	27.9	5.3	19.0	9.6	1.4	6.1	166.5
834 Tammela	60.5	21.5	36.8	71.6	31.0	36.2	31.0	5.7	21.7	8.0	1.6	5.2	171.1
858 Tuusula	42.6	15.2	25.6	59.6	24.3	31.0	32.4	6.1	21.9	12.7	2.4	7.9	147.3
927 Vihti	50.1	17.4	30.8	65.5	26.4	34.7	32.5	6.5	21.6	12.0	2.1	7.7	160.1
981 Ypäjä	46.8	17.5	27.7	92.0	48.2	39.0	29.2	4.9	20.8	6.7	1.4	4.2	174.6
Total	50.4	19.2	29.4	72.5	32.1	35.9	29.7	5.6	20.2	10.2	1.7	6.4	162.7
Kaakkois-Suomi													
075 Hamina	71.7	25.1	43.7	47.8	22.5	22.7	18.3	2.5	12.9	4.1	0.5	2.6	141.9
142 Iitti	56.4	19.9	34.3	74.0	32.6	37.9	28.5	5.3	19.6	9.8	1.6	5.9	168.7
153 Imatra	54.5	24.1	28.8	69.6	35.7	30.9	25.7	3.4	18.9	7.6	0.6	4.8	157.4
285 Kotka	69.7	23.2	43.5	43.7	19.2	21.7	20.4	2.9	14.1	4.5	0.6	2.9	138.3
286 Kouvolaa	66.7	24.4	39.8	63.3	29.4	30.4	25.8	4.2	18.0	7.6	1.1	4.7	163.3
405 Lappeenranta	67.0	26.5	38.1	51.8	25.6	23.5	22.3	2.9	16.1	5.4	0.5	3.5	146.5
416 Lemi	62.5	25.8	34.4	51.2	25.9	22.7	24.8	3.4	17.8	6.4	0.5	4.2	144.9
441 Luumäki	72.7	26.3	43.6	48.1	23.0	22.3	21.7	2.8	15.4	4.7	0.5	3.0	147.1
489 Miehikkälä	72.1	26.6	42.8	51.7	25.4	23.6	18.5	2.5	13.2	3.9	0.5	2.5	146.2
580 Parikkala	58.5	25.4	31.3	59.9	27.9	29.3	26.8	3.3	19.9	8.4	0.5	5.6	153.6
624 Pyhtäa-Pyttis	68.2	22.2	43.0	50.0	19.9	27.1	25.5	4.1	17.5	7.5	1.2	4.6	151.1
689 Rautjärvi	52.6	23.6	27.2	47.3	22.5	22.2	24.5	2.9	18.0	7.5	0.6	4.9	131.8
700 Ruokolahti	72.1	30.4	39.2	51.8	25.9	23.3	22.8	2.9	16.7	5.1	0.4	3.3	151.7
739 Savitaipale	73.6	29.3	41.5	41.7	20.0	19.2	22.9	3.3	16.3	5.7	0.5	3.8	143.8
831 Taipalsaari	74.1	32.2	39.2	38.3	17.9	18.3	23.9	3.5	17.2	6.0	0.4	4.0	142.2
935 Virolahti	73.9	26.5	44.6	48.0	22.7	22.7	17.4	2.4	12.4	3.8	0.5	2.4	143.0
Total	67.6	26.0	39.1	54.1	25.6	25.6	23.4	3.4	16.7	6.2	0.7	4.0	151.2
Pirkanmaa													
020 Akaa	50.8	19.4	29.5	78.5	36.8	37.2	28.7	4.5	20.5	7.2	1.5	4.6	165.3

Table 6c. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land available for wood supply by Forest Centre regions.

Municipality	m ³ /ha									Other decid. tree species	Other decid. tree species	Other decid. tree species	All tree species
	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	total	logs	pulpw.	
Forest Centre region													
108 Hämeenkyrö	50.1	19.0	28.9	64.5	26.8	32.6	28.3	3.9	20.5	7.0	1.3	4.5	149.9
143 Ikaalinen	61.6	22.8	36.0	48.7	20.0	24.5	22.1	2.7	16.1	4.1	0.5	2.6	136.5
177 Juupajoki	52.8	23.2	27.5	63.8	28.4	30.2	26.8	4.2	19.0	6.4	1.1	4.2	149.7
211 Kangasala	49.8	20.5	27.6	85.0	40.4	39.8	30.5	5.5	21.5	8.9	2.0	5.6	174.1
250 Kihniö	78.7	25.5	49.2	22.4	9.3	11.7	16.6	1.1	12.6	2.0	0.2	1.4	119.7
418 Lempäälä	42.8	17.4	24.0	88.3	41.9	41.5	29.9	5.4	21.1	8.7	2.1	5.4	169.6
508 Mänttä-Vilppula	60.2	22.2	35.4	61.1	28.4	28.7	24.2	3.4	17.3	5.3	0.8	3.4	150.8
536 Nokia	48.5	19.0	27.5	73.1	32.3	36.0	30.8	5.1	22.0	9.0	2.2	5.6	161.3
562 Orivesi	53.1	22.8	28.4	75.8	34.8	35.9	28.2	4.7	20.0	8.1	1.7	5.1	165.1
581 Parkano	74.4	23.6	46.8	24.5	10.0	12.8	15.6	1.2	11.7	2.1	0.2	1.4	116.6
604 Pirkkala	39.3	15.3	22.5	75.9	33.9	37.1	32.0	5.6	22.6	11.0	2.7	6.6	158.1
619 Punkalaidun	44.4	16.8	25.8	84.7	40.3	39.5	27.8	4.4	20.0	8.1	1.8	5.1	165.0
635 Pälkäne	54.5	23.7	29.2	90.1	42.9	42.2	29.2	5.8	20.1	8.7	1.6	5.6	182.5
702 Ruovesi	64.8	26.8	35.3	57.8	25.2	28.0	23.2	3.5	16.5	5.1	0.9	3.3	150.8
790 Sastamala	52.1	19.2	30.8	71.2	31.0	35.3	26.8	4.2	19.1	6.2	1.4	3.9	156.2
837 Tampere	51.2	21.4	27.9	81.1	37.4	38.5	28.5	4.8	20.4	7.1	1.7	4.4	167.9
887 Urjala	42.6	16.7	24.4	86.5	41.1	40.5	29.6	4.9	21.2	8.8	1.9	5.6	167.5
908 Valkeakoski	47.9	18.5	27.7	80.1	37.0	38.3	33.7	6.1	23.6	10.3	2.2	6.5	172.0
922 Vesilähti	41.0	17.3	22.3	94.2	46.8	42.5	28.7	5.2	20.2	9.0	2.2	5.7	173.0
936 Virrat	71.8	24.1	44.0	36.0	15.5	18.0	16.6	1.6	12.1	3.1	0.4	2.1	127.5
980 Ylöjärvi	67.1	26.4	37.9	51.8	21.4	26.3	22.8	3.1	16.5	4.0	0.8	2.6	145.7
Total	58.6	22.2	33.9	61.9	27.8	30.0	24.6	3.7	17.6	5.9	1.1	3.7	151.0
Etelä-Savo													
046 Enonkoski	56.3	25.9	28.8	62.5	31.1	28.4	26.7	3.4	19.8	8.0	0.6	5.3	153.6
090 Heinävesi	57.3	25.0	30.6	63.1	30.9	28.8	26.4	3.4	19.5	7.1	0.6	4.8	153.9
097 Hirvensalmi	60.7	24.0	34.6	58.9	27.5	28.0	29.9	4.9	21.1	8.7	0.9	5.6	158.2
171 Joroinen	56.6	22.0	32.6	56.9	26.8	26.4	28.2	3.9	20.2	7.8	0.8	5.0	149.4
178 Juva	65.7	26.3	37.0	57.1	28.2	25.6	27.3	3.9	19.5	6.8	0.7	4.4	156.9
213 Kangasniemi	63.2	24.2	36.7	52.4	24.5	24.6	24.6	3.8	17.1	6.2	0.7	4.0	146.4
491 Mikkeli	66.8	27.5	37.0	56.0	27.4	25.4	29.1	4.7	20.6	7.7	0.9	5.0	159.6
507 Mäntyharju	72.9	28.0	42.2	58.5	27.6	27.5	25.3	4.2	17.8	7.2	0.9	4.6	164.0
588 Pertunmaa	51.0	20.4	28.8	73.3	35.2	34.0	30.8	5.2	21.4	9.7	1.2	6.1	164.8
593 Pieksämäki	62.2	21.9	37.8	47.4	21.5	22.6	25.7	3.7	18.1	5.8	0.6	3.6	141.0
623 Puumala	81.4	34.7	43.7	35.7	17.4	16.4	23.3	3.5	16.9	5.4	0.4	3.6	145.9
681 Rantasalmi	55.0	23.2	29.9	54.7	26.1	25.2	28.2	3.7	20.5	8.3	0.8	5.4	146.3
740 Savonlinna	62.6	27.7	32.9	56.2	27.9	25.5	25.8	3.2	19.1	6.7	0.5	4.4	151.3
768 Sulkava	64.9	28.5	34.0	41.3	20.2	18.8	23.0	3.0	16.8	5.6	0.4	3.7	134.7
Total	64.1	26.1	35.7	54.5	26.3	25.1	26.6	3.9	19.1	7.0	0.7	4.5	152.2
Etelä-Pohjanmaa													
005 Alajärvi	75.0	20.4	50.0	16.2	6.7	8.3	15.7	0.8	11.8	1.8	0.2	1.3	108.7
010 Alavus	77.6	24.1	49.0	19.9	8.4	10.2	15.4	0.8	11.5	1.9	0.2	1.3	114.8
052 Evijärvi	66.6	15.1	46.6	17.9	6.0	10.2	18.3	0.7	13.1	2.1	0.3	1.4	105.0
074 Halsua	68.4	15.1	48.0	8.1	2.5	4.7	13.2	0.5	9.8	1.8	0.2	1.2	91.5
145 Ilmajoki	71.2	21.1	45.7	25.0	10.6	12.8	15.7	1.0	11.2	3.0	0.6	2.0	114.9
151 Isojoki	72.0	19.3	49.1	30.0	12.5	15.5	18.6	1.0	14.6	2.9	0.3	2.0	123.5
152 Isokyrö	62.7	16.7	41.6	25.7	10.1	13.4	20.5	1.6	14.6	4.5	0.7	3.0	113.4
164 Jalasjärvi	75.4	23.2	47.4	17.0	7.1	8.7	15.0	0.8	11.0	2.3	0.3	1.6	109.6
217 Kannus	67.6	13.9	48.8	15.7	5.3	9.0	19.2	0.6	14.4	2.2	0.2	1.4	104.7
218 Karijoki	70.9	17.6	49.1	33.4	12.9	18.0	16.7	0.8	12.2	3.2	0.4	2.3	124.2
232 Kauhajoki	76.0	19.1	51.7	16.2	6.3	8.6	13.1	0.7	9.4	2.2	0.2	1.5	107.4
233 Kauhava	72.2	19.4	48.1	19.0	7.0	10.4	15.7	0.8	11.0	2.2	0.3	1.5	109.1
236 Kaustinen	69.7	15.7	49.3	16.9	5.8	9.6	19.4	0.8	14.6	2.2	0.3	1.4	108.2
272 Kokkola-Karleby E-Pohjanmaa	67.3	13.9	48.5	17.5	5.8	10.1	17.0	0.6	12.4	1.6	0.2	1.0	103.4
300 Kuortane	78.7	23.2	50.7	20.3	8.4	10.6	15.8	0.9	11.6	1.9	0.2	1.3	116.8
301 Kurikka	69.5	18.1	46.7	28.0	10.8	15.0	17.1	0.9	12.2	3.6	0.5	2.5	118.1
399 Laihia	64.8	16.8	44.2	38.2	14.1	21.1	22.7	1.3	16.6	4.7	0.6	3.3	130.4
403 Lappajärvi	72.4	18.4	49.1	17.8	6.6	9.6	18.2	0.8	13.4	2.1	0.2	1.5	110.5
408 Lapua	77.3	22.3	50.2	24.1	9.9	12.6	16.5	1.0	12.0	2.3	0.4	1.5	120.2
421 Lestijärvi	66.5	14.8	46.8	13.7	4.7	7.6	17.2	0.7	12.9	2.7	0.3	1.8	100.1
584 Perho	73.7	17.2	51.3	10.5	3.7	5.7	13.2	0.7	9.8	1.7	0.2	1.1	99.1
743 Seinäjoki	68.6	19.7	44.5	19.1	7.7	10.0	17.0	1.1	12.4	2.9	0.4	1.9	107.6
759 Soini	75.2	21.6	49.2	18.0	7.6	9.0	15.9	0.9	12.2	2.0	0.2	1.3	111.0
846 Teuva	71.2	17.2	49.3	30.9	12.1	16.4	17.0	0.9	12.2	3.5	0.4	2.4	122.6
849 Toholampi	59.8	13.1	42.2	16.5	5.7	9.3	19.2	0.7	14.7	3.7	0.4	2.5	99.1
924 Veteli	69.8	16.7	48.3	15.3	5.5	8.5	17.7	0.7	13.3	1.9	0.2	1.3	104.7
934 Vimpeli	69.7	18.0	47.1	17.1	6.9	8.9	18.0	0.9	13.7	2.5	0.3	1.7	107.3
989 Ähtäri	74.4	22.8	47.6	26.0	11.3	12.9	17.5	1.3	13.2	2.3	0.3	1.5	120.2
Total	71.6	18.9	48.1	20.0	7.8	10.7	16.6	0.9	12.2	2.5	0.3	1.6	110.7
Keski-Suomi													
077 Hankasalmi	52.7	19.0	31.6	52.5	24.2	24.8	26.5	4.2	18.5	6.5	0.7	4.0	138.2
172 Joutsa	59.6	22.5	34.9	59.6	27.1	28.8	26.6	4.3	18.4	7.1	0.7	4.7	152.9
179 Jyväskylä	57.6	23.1	32.4	60.3	29.4	27.3	25.2	4.6	17.2	7.1	0.9	4.5	150.2
182 Jämsä	60.4	24.4	33.7	62.5	29.4	28.9	25.2	4.3	17.5	6.2	1.0	4.0	154.4
216 Kannonkoski	70.9	21.3	46.2	32.7	13.7	16.7	20.7	2.0	15.3	3.6	0.5	2.2	127.8
226 Karstula	74.0	21.1	49.0	26.1	11.0	13.3	19.0	1.3	14.4	2.6	0.3	1.7	121.6
249 Keuruu	71.1	23.4	44.5	41.5	18.1	20.5	19.8	2.3	14.3	3.4	0.5	2.1	135.8
256 Kinnula	72.3	18.2	49.7	20.2	7.8	10.7	18.6	0.9	14.2	3.0	0.3	2.0	114.1
265 Kivijärvi	72.3	20.6	47.8	22.0	8.8	11.5	17.2	1.1	13.0	2.7	0.3	1.7	114.2

Table 6c. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land available for wood supply by Forest Centre regions.

Forest Centre region													
Municipality	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
	m ³ /ha												
275 Konnevesi	43.2	16.1	25.6	53.0	24.8	25.0	25.7	3.8	18.1	7.2	0.6	4.6	129.2
291 Kuhmoinen	54.2	22.5	29.8	72.2	35.4	32.5	26.6	5.1	18.0	7.9	1.3	5.0	160.8
312 Kyyjärvi	75.4	19.0	51.8	15.4	5.7	8.3	16.1	0.8	12.3	2.1	0.3	1.4	108.9
410 Laukaa	57.9	22.3	33.5	56.1	26.5	26.2	24.1	4.0	16.7	6.6	0.7	4.3	144.8
435 Luhanka	51.1	20.9	28.3	74.8	34.8	35.8	27.2	5.5	18.3	8.7	1.2	5.4	161.8
495 Multia	80.8	26.8	50.6	30.1	12.9	14.8	17.5	1.8	12.6	2.5	0.3	1.6	130.8
500 Muurame	49.6	20.1	27.6	66.4	32.4	30.2	26.8	4.9	18.5	8.6	1.1	5.5	151.5
592 Petäjävesi	69.7	26.0	40.9	47.8	22.3	22.3	21.5	3.2	15.0	4.4	0.6	2.8	143.4
601 Pihtipudas	69.7	17.8	48.3	30.4	11.3	16.7	19.7	1.2	15.0	3.5	0.4	2.2	123.7
729 Saarijärvi	71.1	22.8	44.9	37.0	16.7	17.9	20.5	2.2	15.0	3.3	0.5	1.9	132.0
850 Toivakka	64.1	25.9	36.0	55.6	26.3	25.9	24.4	4.3	16.6	5.9	0.8	3.8	149.9
892 Uurainen	70.6	25.2	42.2	39.7	18.4	18.5	20.1	2.6	14.3	3.4	0.5	2.1	133.9
931 Viitasaari	64.6	19.0	42.5	39.4	16.4	20.1	23.1	2.2	17.2	5.0	0.7	3.1	132.1
992 Äänekoski	62.7	23.4	36.7	55.4	28.0	24.5	22.4	3.3	15.9	5.1	0.6	2.9	145.6
Total	65.1	22.0	40.2	45.4	20.7	21.7	22.3	2.9	15.9	4.9	0.6	3.1	137.6
Pohjois-Savo													
140 Ilialmi	39.5	10.1	27.6	53.5	23.0	26.7	29.7	2.2	22.4	7.9	0.6	4.7	130.6
174 Juankoski	44.9	15.0	28.2	60.0	28.3	28.0	29.0	2.9	21.8	7.6	0.5	4.6	141.5
204 Kaavi	59.5	20.9	36.5	50.4	21.8	25.0	23.7	2.0	17.8	5.3	0.3	3.4	138.9
239 Keitele	63.4	18.7	41.8	45.3	18.6	23.4	24.8	2.5	18.1	4.4	0.4	2.9	137.8
263 Kiuruvesi	47.6	11.1	34.0	35.4	12.8	19.6	29.1	1.6	22.2	5.3	0.5	3.2	117.4
297 Kuopio	44.3	15.7	27.0	68.9	33.6	31.4	28.9	3.6	21.4	7.6	0.5	4.8	149.7
402 Lapinlahti	41.4	11.1	28.6	57.1	25.1	28.1	28.8	2.2	21.8	7.1	0.5	4.3	134.4
420 Leppävirta	49.6	20.2	27.7	68.5	33.9	31.0	28.3	3.8	20.8	7.6	0.7	5.0	154.0
476 Maaninka	41.9	12.4	27.9	62.9	29.6	29.3	27.5	3.1	20.0	7.2	0.4	4.4	139.5
595 Pielavesi	52.9	15.8	34.9	53.3	22.9	26.8	27.9	2.9	20.6	5.9	0.5	3.7	139.9
686 Rautalampi	53.5	18.1	33.1	49.5	21.2	24.7	27.9	4.2	19.9	6.0	0.4	3.8	136.9
687 Rautavaara	65.6	18.4	44.1	30.1	10.6	16.8	20.2	1.3	14.9	2.7	0.1	1.7	118.6
749 Siilinjärvi	36.3	11.4	23.5	66.3	32.0	30.4	27.4	3.0	20.2	7.9	0.5	4.7	137.8
762 Sonkajärvi	59.4	14.2	42.1	28.9	10.1	16.1	22.7	1.3	16.9	3.3	0.2	2.0	114.3
778 Suonenjoki	57.2	19.8	35.0	52.5	24.1	25.0	26.5	3.8	18.8	5.3	0.4	3.4	141.4
844 Tervo	45.0	14.9	28.4	57.0	25.6	27.7	31.4	4.5	22.5	7.5	0.5	4.7	140.9
857 Tuusniemi	41.2	16.5	23.3	75.1	37.0	34.1	28.0	3.6	20.8	8.1	0.5	5.2	152.3
915 Varkaus	56.8	24.6	30.5	67.6	34.2	29.9	27.7	3.9	20.0	8.0	0.7	5.3	160.0
921 Vesanto	51.0	17.2	31.9	58.6	27.0	27.9	27.5	3.8	19.5	6.3	0.6	4.0	143.4
925 Vieremä	56.6	13.4	40.4	31.0	10.5	17.8	25.4	1.3	19.2	4.0	0.3	2.5	117.0
Total	51.0	15.7	33.1	51.8	23.1	25.3	26.9	2.7	19.9	6.0	0.4	3.7	135.6
Pohjois-Karjala													
146 Ilomantsi	78.8	24.1	50.5	20.0	8.3	10.0	14.7	1.1	10.4	2.2	0.1	1.2	115.7
167 Joensuu	63.4	22.7	37.8	41.3	19.6	18.8	24.5	2.5	18.1	5.2	0.4	3.1	134.3
176 Juuka	70.0	23.2	43.9	37.1	14.5	19.6	20.8	1.6	15.3	3.6	0.2	2.2	131.5
260 Kitee	65.4	26.2	36.8	52.2	25.4	24.0	26.4	2.6	19.9	5.2	0.3	3.3	149.1
276 Kontiolahti	67.0	26.2	38.1	37.6	17.3	17.5	25.4	2.4	19.0	6.1	0.4	3.9	136.1
309 Outokumpu	62.0	24.6	35.2	51.7	22.8	25.5	25.0	2.6	18.5	6.1	0.4	4.0	144.8
422 Lieksa	74.9	24.0	47.0	25.0	9.7	13.1	18.0	1.5	12.9	2.8	0.1	1.6	120.6
426 Liperi	55.3	22.9	30.5	57.4	27.0	26.7	28.1	3.3	21.0	7.2	0.5	4.8	148.0
541 Nurmes	62.6	17.9	41.6	31.6	11.4	17.5	21.1	1.5	15.4	3.3	0.1	1.9	118.5
607 Polvijärvi	65.1	23.2	39.3	37.5	15.0	19.3	24.3	1.9	18.1	5.6	0.3	3.6	132.5
707 Rääkkylä	56.6	23.2	31.5	55.1	27.2	24.8	28.7	3.2	21.4	6.5	0.5	4.1	146.9
848 Tohmajärvi	67.0	23.4	40.7	44.3	21.5	20.1	24.9	2.3	18.4	4.2	0.3	2.4	140.3
911 Valtimo	59.9	15.9	41.1	31.4	11.0	17.6	22.4	1.6	16.4	3.6	0.2	2.2	117.3
Total	68.4	23.0	42.2	34.8	15.0	17.2	21.4	1.9	15.7	4.0	0.2	2.4	128.6
Kainuu													
105 Hyrynsalmi	55.5	13.3	38.6	17.8	5.4	10.7	15.0	0.5	10.9	1.5	0.1	0.9	89.7
205 Kajaani	62.2	14.6	44.3	18.8	5.5	11.5	19.8	0.9	14.6	2.1	0.1	1.5	103.0
290 Kuhmo	64.2	16.6	43.7	18.4	5.7	11.0	14.5	0.7	10.0	1.4	0.1	0.8	98.5
578 Paltamo	58.2	13.5	41.3	20.5	6.5	12.1	18.6	0.7	13.7	2.6	0.1	1.7	99.8
620 Puolanka	50.0	11.2	35.3	14.6	4.2	8.9	15.1	0.4	11.4	1.5	0.1	0.9	81.2
697 Ristijärvi	55.0	13.4	38.3	21.5	6.9	12.6	18.0	0.7	13.3	2.1	0.1	1.4	96.6
765 Sotkamo	60.0	15.0	41.8	26.6	9.0	15.2	19.8	1.1	14.4	2.7	0.1	1.7	109.1
777 Suomussalmi	51.8	11.7	36.6	15.2	3.9	9.8	11.8	0.2	8.5	1.3	0.1	0.8	80.0
785 Vaala	54.7	10.4	40.1	7.6	2.0	4.7	15.1	0.3	11.4	1.1	0.1	0.7	78.4
Total	57.1	13.6	40.0	17.9	5.4	10.8	15.4	0.6	11.2	1.7	0.1	1.1	92.1
Pohjois-Pohjanmaa													
009 Alavieska	62.3	13.7	44.9	25.5	9.0	14.7	20.8	0.5	15.9	3.7	0.2	2.6	112.2
069 Haapajarvi	61.7	13.5	44.4	25.7	9.3	14.3	22.0	0.8	17.2	3.9	0.4	2.7	113.4
071 Haapavesi	52.4	10.4	38.6	21.2	7.1	12.2	24.3	0.5	19.5	3.9	0.3	2.8	101.8
072 Hailuoto	49.5	12.0	33.4	10.2	3.2	5.8	19.9	0.0	15.3	3.0	0.2	2.0	82.6
208 Kalajoki	67.6	13.1	49.9	22.5	7.5	13.0	18.8	0.5	13.8	2.2	0.2	1.6	111.1
139 Ii	45.2	7.6	33.5	11.0	2.1	7.5	15.1	0.1	10.8	1.2	0.1	0.7	72.4
244 Kempele	53.6	11.3	37.8	15.1	4.1	9.4	22.9	0.1	17.5	3.7	0.2	2.5	95.4
305 Kuusamo	45.3	9.3	32.8	16.6	3.8	11.2	11.5	0.1	8.5	1.2	0.1	0.8	74.5
317 Kärsämäki	59.1	12.4	43.0	19.4	6.6	11.1	21.4	0.7	16.3	3.3	0.3	2.3	103.2
425 Liminka	54.4	9.6	40.0	9.2	2.2	5.9	20.2	0.1	15.2	2.3	0.2	1.6	86.1
436 Lumijoki	55.0	10.5	39.6	14.9	3.5	9.4	22.6	0.1	16.8	3.2	0.1	2.3	95.6
483 Merijärvi	56.1	12.8	40.2	27.6	9.5	16.2	23.4	0.6	18.4	4.1	0.3	2.9	111.2
494 Muhos	53.3	9.7	39.0	8.3	2.7	4.8	14.8	0.1	11.0	1.5	0.1	1.0	77.9
535 Nivala	54.9	13.1	38.8	32.5	12.1	18.0	23.9	0.8	18.9	5.8	0.6	4.1	117.1

Table 6c. The mean volume of growing stock by tree species and roundwood assortment on forest and poorly productive forest land available for wood supply by Forest Centre regions.

Forest Centre region													Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulp.	All tree species
Municipality	Pine total	Pine logs	Pine pulp.	Spruce total	Spruce logs	Spruce pulp.	Birch total	Birch logs	Birch pulp.	m ³ /ha						
563 Oulainen	52.0	11.6	37.2	24.0	8.5	13.5	23.6	0.6	18.8	4.4	0.3	3.2	104.0			
564 Oulu	57.2	11.2	41.1	11.9	3.1	7.6	15.9	0.1	12.0	1.3	0.1	0.9	86.2			
615 Pudasjärvi	50.5	8.9	37.4	11.6	2.5	7.9	10.4	0.1	7.8	0.8	0.0	0.6	73.2			
625 Pyhäjoki	57.1	10.9	42.4	21.7	6.7	13.1	23.4	0.4	18.0	3.2	0.2	2.3	105.3			
626 Pyhäsalmi	58.8	13.0	42.6	22.8	7.1	13.6	22.9	1.0	17.4	3.5	0.3	2.2	108.0			
630 Pyhäntä	63.1	13.9	45.4	9.0	2.2	5.7	17.2	0.5	12.7	1.3	0.1	0.9	90.5			
678 Raahe	56.7	11.3	41.6	19.1	6.3	11.2	22.2	0.3	17.4	3.0	0.2	2.1	101.0			
691 Reisjärvi	67.0	15.6	47.1	23.9	9.2	12.8	20.7	0.8	16.0	4.0	0.4	2.8	115.6			
746 Sievi	61.4	13.1	43.9	16.6	5.6	9.5	18.5	0.6	14.3	3.4	0.4	2.4	99.9			
748 Siikajoki	60.7	11.4	44.5	12.4	3.5	7.5	21.4	0.2	16.2	2.7	0.2	1.9	97.3			
791 Siikalatva	59.5	11.0	44.0	9.8	2.8	6.0	20.5	0.3	15.7	2.1	0.2	1.4	91.8			
832 Taivalkoski	47.1	10.6	33.5	18.0	4.5	11.9	10.9	0.1	8.1	1.3	0.1	0.9	77.2			
859 Tyrnävä	59.9	10.9	43.7	9.2	2.5	5.6	16.4	0.1	12.2	2.0	0.1	1.4	87.4			
889 Utajärvi	55.8	10.1	41.4	7.3	1.9	4.6	13.7	0.2	10.3	0.9	0.1	0.5	77.7			
977 Ylivieska	57.4	13.2	40.8	24.7	8.8	14.1	23.7	0.7	18.8	4.6	0.4	3.2	110.5			
Total	53.8	10.7	39.2	15.3	4.3	9.6	16.3	0.3	12.3	2.0	0.2	1.4	87.3			
Lapland																
047 Enontekiö	27.8	4.5	21.9	3.0	0.9	2.0	8.8	0.0	4.0	0.3	0.0	0.2	39.8			
148 Inari	52.4	6.2	43.8	1.5	0.4	1.0	6.3	0.0	3.5	0.3	0.0	0.2	60.6			
240 Kemi	21.7	1.7	18.1	39.6	6.8	28.5	20.5	0.1	15.2	5.2	0.1	3.6	87.0			
241 Keminmaa	26.4	3.2	20.6	33.3	6.0	23.2	19.9	0.1	14.6	2.4	0.0	1.2	82.0			
261 Kittilä	35.7	6.7	26.2	10.7	1.9	7.5	9.7	0.0	6.8	0.7	0.0	0.4	56.8			
273 Kolari	41.8	8.5	29.9	9.3	1.3	6.5	8.5	0.0	5.5	0.5	0.0	0.3	60.1			
320 Kemijärvi	49.5	7.8	37.6	8.5	1.1	6.2	7.5	0.0	5.1	0.7	0.0	0.4	66.1			
498 Muonio	42.4	9.5	30.6	9.9	1.8	7.0	7.2	0.0	5.3	0.6	0.0	0.4	60.2			
583 Pelkosenniemi	38.4	6.4	28.4	11.4	1.6	8.3	10.1	0.0	7.1	0.5	0.0	0.3	60.4			
614 Posio	46.5	9.0	34.1	12.3	2.5	8.7	8.0	0.1	5.7	0.8	0.0	0.6	67.6			
683 Ranua	46.1	7.1	34.5	10.9	2.2	7.3	8.7	0.1	6.1	0.8	0.0	0.6	66.5			
698 Rovaniemi	44.6	8.9	31.9	12.2	2.1	8.5	9.6	0.1	6.6	0.9	0.0	0.6	67.3			
732 Salla	37.2	5.8	28.6	13.7	2.7	9.8	9.0	0.0	6.3	0.5	0.0	0.3	60.4			
742 Savukoski	36.1	6.3	27.2	8.8	1.6	6.3	6.2	0.0	4.1	0.2	0.0	0.1	51.3			
751 Simo	35.9	4.8	27.0	16.4	2.8	11.3	15.4	0.1	10.7	1.1	0.0	0.6	68.9			
758 Sodankylä	34.7	6.5	25.8	9.1	1.6	6.5	8.2	0.0	5.8	0.4	0.0	0.2	52.5			
845 Tervola	27.4	3.5	21.1	26.9	4.6	19.0	17.9	0.1	12.4	1.1	0.0	0.5	73.3			
851 Tornio	21.0	2.3	16.4	32.0	5.1	23.3	24.8	0.1	18.2	3.2	0.1	2.1	81.1			
854 Pello	40.6	8.5	28.7	13.6	1.9	9.8	12.6	0.1	8.5	1.5	0.1	0.8	68.3			
890 Utsjoki	11.6	0.2	10.7	0.0	0.0	0.0	18.4	0.0	2.6	0.1	0.0	0.0	30.1			
976 Ylitornio	34.9	6.0	24.9	14.2	2.0	10.1	13.3	0.2	9.1	1.2	0.0	0.6	63.7			
Total	39.9	6.8	30.0	10.8	1.9	7.6	9.4	0.0	6.3	0.7	0.0	0.4	60.8			

Table 6d. The growing stock volume by tree species and roundwood assortment on forest land and poorly productive forest land available for wood supply by Forest Centre regions.

Forest Centre region	Municipality	1000 m ³									Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species	
		Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.					
Forest Centre region															
561	Oripää	335	122	201	285	133	136	110	15	80	20	3	14	750	
577	Paimio	924	316	577	625	263	327	245	39	172	73	14	50	1 868	
608	Pomarkku	1 543	560	923	1 525	702	737	472	64	337	105	15	71	3 645	
609	Pori	3 421	1 175	2 109	3 182	1 334	1 657	1 248	142	920	345	53	239	8 195	
631	Pyhärinta	707	262	421	599	242	322	202	24	149	58	9	39	1 565	
636	Pöytyä	2 994	1 091	1 797	2 411	1 036	1 233	915	124	669	173	26	126	6 494	
680	Raisio	159	52	100	81	32	44	36	5	25	17	2	12	292	
684	Rauma	2 257	804	1 365	1 680	686	896	630	75	464	173	22	123	4 741	
704	Rusko	515	192	306	392	162	208	111	14	82	27	6	17	1 044	
734	Salo	8 066	2 734	5 056	6 219	2 690	3 189	2 639	465	1 821	897	172	603	17 821	
738	Sauvo	1 034	329	665	594	234	327	262	44	182	100	19	69	1 990	
747	Siikainen	2 590	783	1 684	1 350	559	698	718	61	539	189	24	128	4 847	
761	Somero	1 941	700	1 170	2 475	1 156	1 176	1 035	181	720	309	62	200	5 759	
783	Säkyliä	685	263	400	454	195	230	215	29	157	35	5	25	1 388	
833	Taivassalo	676	170	466	217	73	129	109	11	81	46	4	32	1 048	
838	Tarvasjoki	289	113	167	289	124	148	102	14	75	30	7	19	710	
853	Turku-Abo	770	269	473	491	201	262	173	25	126	72	11	48	1 506	
886	Ulvila	1 641	598	983	1 820	776	937	703	88	517	153	24	108	4 317	
895	Uusikaupunki	2 595	795	1 682	1 282	486	714	515	53	380	186	22	126	4 578	
918	Vehmaa	820	247	537	378	132	219	197	26	143	68	8	48	1 462	
Total		68 738	23 225	42 697	51 752	21 987	26 645	21 485	2 820	15 556	5 656	912	3 844	147 631	
Häme-Uusimaa															
016	Asikkala	1 846	745	1 038	3 438	1 584	1 652	1 256	225	863	443	66	275	6 984	
018	Askola	613	221	368	702	279	377	309	59	207	120	19	76	1 744	
061	Forssa	639	247	370	1 209	607	539	404	66	290	106	20	69	2 358	
081	Hartola	2 271	907	1 286	3 443	1 639	1 619	1 309	223	911	412	50	264	7 435	
082	Hattula	1 291	485	758	1 554	621	819	764	146	524	239	43	154	3 847	
086	Hausjärvi	1 058	412	607	1 408	582	731	585	113	390	217	36	137	3 268	
098	Hollola	1 282	529	707	2 270	1 067	1 066	821	161	546	322	51	200	4 695	
103	Humpiila	323	120	191	591	286	271	194	33	140	52	10	32	1 161	
106	Hyvinkää	1 022	368	614	1 274	517	672	569	107	385	186	32	118	3 051	
109	Hämeenlinna	6 578	2 611	3 736	10 197	4 656	4 915	3 708	726	2 523	1 138	201	724	21 620	
111	Heinola	3 386	1 326	1 938	4 157	1 952	1 971	1 561	278	1 081	478	61	304	9 581	
165	Janakkala	1 727	672	991	2 474	1 057	1 253	1 002	196	676	343	59	217	5 546	
169	Jokioinen	330	122	195	723	371	312	243	41	172	67	13	41	1 363	
186	Järvenpää	54	20	32	77	33	38	38	7	26	17	3	11	186	
224	Karkkila	798	284	484	1 287	542	664	527	108	350	184	32	119	2 796	
245	Kerava	61	22	37	78	32	41	39	8	27	15	3	9	193	
283	Hämeenkoski	473	200	257	940	450	434	334	68	222	135	21	85	1 882	
316	Kärkölä	568	219	326	904	382	457	409	77	274	153	25	95	2 035	
398	Lahti	268	110	149	454	213	215	189	35	127	84	14	50	995	
433	Loppi	2 169	763	1 321	2 932	1 225	1 512	1 285	249	861	417	72	267	6 803	
444	Lohja	2 929	990	1 821	3 500	1 417	1 841	2 016	407	1 348	797	144	522	9 242	
504	Myrskylä-Mörskom	588	202	362	694	274	378	373	67	255	144	23	85	1 798	
505	Mäntsälä	1 627	608	952	2 399	1 019	1 224	954	179	641	345	59	218	5 325	
532	Nastola	937	320	577	1 459	600	779	671	111	460	272	43	164	3 339	
543	Nurmijärvi	744	260	451	997	386	535	567	106	379	222	39	140	2 530	
560	Orimattila	2 042	736	1 224	2 525	1 030	1 330	1 244	228	836	518	83	314	6 329	
576	Padasjoki	2 468	1 036	1 349	3 455	1 614	1 637	1 124	218	772	337	53	217	7 383	
611	Pornainen	439	152	270	554	216	301	245	47	164	87	15	55	1 325	
616	Pukkila	344	121	209	379	144	206	211	36	143	82	13	51	1 015	
694	Riihimäki	294	106	176	451	189	231	205	38	138	76	13	47	1 026	
781	Sysmä	2 616	1 104	1 424	4 233	2 007	1 991	1 478	280	1 006	508	73	322	8 834	
834	Tammela	2 566	912	1 561	3 039	1 313	1 534	1 317	240	919	338	67	219	7 260	
858	Tuusula	446	159	268	624	255	324	339	63	229	134	25	83	1 543	
927	Vihti	1 484	516	911	1 940	783	1 026	961	191	641	355	61	229	4 740	
981	Ypäjä	375	140	222	737	386	312	234	39	167	53	11	33	1 399	
Total		46 657	17 744	27 178	67 096	29 727	33 208	27 486	5 178	18 692	9 393	1 554	5 945	150 632	
Kaakkois-Suomi															
075	Hamina	3 113	1 091	1 898	2 077	975	987	795	109	561	176	23	112	6 161	
142	Iitti	2 188	773	1 331	2 870	1 263	1 471	1 107	204	759	380	63	228	6 545	
153	Imatra	516	228	272	658	337	292	243	32	179	72	6	46	1 489	
285	Kotka	1 192	397	744	746	328	371	349	49	240	77	10	49	2 364	
286	Kouvola	11 268	4 120	6 716	10 681	4 971	5 140	4 350	712	3 043	1 279	186	793	27 577	
405	Lappeenranta	6 664	2 632	3 794	5 157	2 547	2 339	2 219	284	1 601	538	47	348	14 578	
416	Lemi	951	393	524	780	394	345	377	51	271	98	8	63	2 205	
441	Luumäki	4 227	1 530	2 533	2 799	1 339	1 294	1 260	163	898	272	29	176	8 559	
489	Miehikkälä	2 276	840	1 351	1 631	801	745	583	78	417	123	15	80	4 614	
580	Parikkala	2 525	1 095	1 350	2 587	1 207	1 266	1 158	143	859	364	21	241	6 634	
624	Pyhtää-Pyhtis	1 443	470	909	1 059	421	575	539	88	370	158	25	97	3 199	
689	Rautjärvi	1 518	682	785	1 366	649	641	707	83	521	217	16	143	3 808	
700	Ruokolahti	5 922	2 498	3 218	4 251	2 123	1 914	1 869	234	1 371	421	31	274	12 463	
739	Savitaipale	3 166	1 261	1 786	1 795	861	828	983	143	701	245	22	161	6 190	
831	Taipalsaari	2 025	878	1 072	1 045	488	499	652	95	470	164	12	110	3 885	
935	Virolahti	1 938	694	1 169	1 258	595	594	457	62	324	99	13	62	3 751	
Total		50 933	19 583	29 451	40 757	19 299	19 302	17 646	2 531	12 584	4 684	526	2 983	114 021	
Pirkanmaa															
020	Akaa	832	318	483	1 286	602	608	470	74	336	118	24	76	2 707	

Table 6d. The growing stock volume by tree species and roundwood assortment on forest land and poorly productive forest land available for wood supply by Forest Centre regions.

Forest Centre region													
Municipality	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
	1000 m ³												
563 Oulainen	2 403	534	1 718	1 106	394	624	1 089	27	868	203	16	146	4 801
564 Oulu	12 858	2 515	9 247	2 687	700	1 708	3 566	26	2 692	284	13	191	19 395
615 Pudasjärvi	20 415	3 586	15 139	4 691	1 007	3 183	4 206	46	3 158	318	15	227	29 630
625 Pyhäjoki	2 488	477	1 847	944	292	571	1 021	19	784	140	8	100	4 592
626 Pyhäsalmi	6 518	1 436	4 721	2 526	785	1 502	2 543	108	1 927	385	37	247	11 972
630 Pyhäntä	4 014	884	2 892	571	143	363	1 092	31	806	81	5	57	5 758
678 Raahе	4 362	870	3 199	1 474	484	862	1 711	24	1 340	229	14	163	7 776
691 Reisjärvi	2 344	546	1 648	838	323	448	726	29	560	140	15	97	4 048
746 Sievi	3 556	761	2 545	961	326	551	1 070	35	826	199	22	138	5 785
748 Siikajoki	4 273	800	3 134	873	245	527	1 508	13	1 143	191	14	135	6 846
791 Siikalatva	9 909	1 838	7 339	1 629	460	991	3 423	52	2 621	345	32	232	15 305
832 Taivalkoski	8 980	2 023	6 395	3 425	848	2 265	2 072	22	1 546	240	15	173	14 718
859 Tyrnävä	1 862	338	1 358	285	78	175	509	3	379	63	4	44	2 719
889 Utajärvi	6 603	1 192	4 895	864	224	544	1 617	22	1 220	102	7	63	9 186
977 Ylivieska	2 445	564	1 736	1 052	373	600	1 011	30	799	197	18	138	4 705
Total	141 258	28 052	102 915	40 273	11 307	25 077	42 671	753	32 377	5 152	386	3 556	229 355
Lapland													
047 Enontekiö	3 655	586	2 878	398	113	263	1 156	0	524	33	0	24	5 242
148 Inari	25 737	3 037	21 486	758	194	511	3 077	0	1 721	161	3	103	29 733
240 Kemi	138	11	115	253	44	182	131	1	97	33	1	23	556
241 Kemijärvi	1 223	148	953	1 539	279	1 076	921	4	676	113	1	53	3 796
261 Kittilä	17 312	3 237	12 724	5 189	938	3 655	4 692	2	3 301	342	1	199	27 535
273 Kolari	8 519	1 735	6 094	1 892	269	1 323	1 726	5	1 119	110	1	65	12 247
320 Kemijärvi	14 591	2 306	11 076	2 494	333	1 826	2 201	2	1 499	194	10	112	19 480
498 Muonio	5 282	1 186	3 810	1 237	225	877	901	2	661	78	1	55	7 498
583 Pelkosenniemi	4 966	829	3 680	1 478	202	1 075	1 306	1	917	68	0	37	7 819
614 Posio	10 002	1 936	7 338	2 654	532	1 867	1 726	19	1 228	163	2	118	14 544
683 Ranua	11 669	1 801	8 736	2 747	552	1 849	2 199	13	1 537	196	3	142	16 811
698 Rovaniemi	28 301	5 617	20 238	7 740	1 327	5 386	6 070	40	4 170	589	9	389	42 699
732 Salla	15 027	2 335	11 541	5 547	1 073	3 944	3 646	12	2 563	206	2	126	24 426
742 Savukoski	14 669	2 561	11 059	3 591	661	2 578	2 502	4	1 668	91	0	27	20 852
751 Simo	3 398	453	2 557	1 554	268	1 071	1 461	9	1 011	101	1	55	6 514
758 Sodankylä	21 648	4 076	16 063	5 672	978	4 042	5 133	3	3 588	246	0	105	32 699
845 Tervola	3 299	414	2 541	3 229	554	2 280	2 150	17	1 495	137	0	63	8 815
851 Tornio	1 890	204	1 470	2 878	455	2 090	2 233	12	1 636	289	10	192	7 289
854 Pello	6 104	1 274	4 317	2 048	285	1 471	1 899	22	1 280	218	7	126	10 270
890 Utsjoki	434	7	402	1	0	0	691	0	98	2	0	0	1 128
976 Ylitornio	5 677	974	4 054	2 304	332	1 643	2 168	29	1 484	201	1	101	10 349
Total	203 541	34 726	153 132	55 203	9 616	39 008	47 989	195	32 276	3 569	54	2 114	310 302

Table 7a. The mean volume of growing stock by tree species and roundwood assortment on forest land by Forest Centre regions.

Forest Centre region	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
										m ³ /ha			
Municipality													
626 Pyhäsalmi	60.4	13.6	43.7	24.0	7.5	14.2	23.9	1.0	18.2	3.6	0.4	2.3	112.0
630 Pyhäntä	68.0	15.6	48.8	10.3	2.7	6.5	18.8	0.5	14.0	1.4	0.1	1.0	98.5
678 Raahe	59.2	12.1	43.4	20.6	6.8	12.0	23.6	0.3	18.6	3.2	0.2	2.3	106.5
691 Reisjärvi	69.8	16.6	48.9	25.3	9.8	13.5	21.7	0.9	16.8	4.2	0.4	2.9	121.0
746 Sievi	64.7	14.2	46.2	17.9	6.1	10.3	19.8	0.7	15.3	3.7	0.4	2.6	106.1
748 Siikajoki	63.1	12.1	46.3	13.3	3.7	8.0	22.6	0.2	17.2	2.9	0.2	2.1	101.9
791 Siikalatva	63.4	12.1	46.9	10.7	3.0	6.5	22.2	0.3	17.1	2.2	0.2	1.5	98.5
832 Taivalkoski	52.3	12.5	36.9	22.5	6.0	14.6	12.2	0.1	9.3	1.5	0.1	1.1	88.5
859 Tyrnävä	65.4	12.4	47.8	10.4	2.9	6.4	18.3	0.1	13.8	2.3	0.2	1.6	96.5
889 Utajärvi	62.1	11.8	45.9	8.5	2.2	5.4	15.5	0.2	11.8	1.0	0.1	0.6	87.0
977 Ylivieska	58.8	13.7	41.7	25.7	9.1	14.6	24.5	0.7	19.4	4.8	0.5	3.4	113.7
Total	58.3	12.1	42.3	17.6	5.0	11.0	17.7	0.3	13.5	2.2	0.2	1.5	95.8
Lapland													
047 Enontekiö	45.6	8.0	35.7	5.6	1.6	3.6	8.0	0.0	5.4	0.4	0.0	0.3	59.6
148 Inari	60.2	8.6	49.2	3.1	1.0	2.0	6.7	0.0	4.2	0.4	0.0	0.3	70.4
240 Kemi	20.9	1.7	17.5	39.5	6.8	28.5	21.6	0.1	16.2	5.5	0.1	3.8	87.5
241 Keminmaa	28.1	3.6	22.0	35.9	6.6	25.1	21.1	0.1	15.6	2.6	0.0	1.2	87.7
261 Kittilä	41.5	8.3	30.6	13.8	3.0	9.5	11.4	0.0	8.2	0.8	0.0	0.5	67.6
273 Kolari	49.0	10.7	35.0	10.9	1.7	7.7	9.9	0.0	6.6	0.6	0.0	0.4	70.4
320 Kemijärvi	55.5	9.2	42.2	9.3	1.3	6.9	8.3	0.0	5.7	0.8	0.0	0.5	73.9
498 Muonio	48.9	11.6	35.3	12.9	2.7	9.0	8.2	0.0	6.2	0.7	0.0	0.5	70.7
583 Pelkosenniemi	44.1	8.0	32.6	13.3	1.9	9.8	11.8	0.0	8.4	0.6	0.0	0.3	69.8
614 Posio	52.9	11.0	38.6	15.4	3.4	10.7	9.1	0.1	6.6	0.9	0.0	0.6	78.3
683 Ranua	55.3	9.2	41.5	13.8	3.0	9.3	10.9	0.1	7.7	1.0	0.0	0.7	81.0
698 Rovaniemi	50.4	10.5	35.9	14.2	2.6	9.8	10.8	0.1	7.6	1.1	0.0	0.7	76.4
732 Salla	43.0	7.3	32.9	17.2	3.5	12.3	10.3	0.0	7.5	0.6	0.0	0.4	71.1
742 Savukoski	42.3	8.0	31.9	11.7	2.6	8.2	6.9	0.0	4.8	0.3	0.0	0.1	61.1
751 Simo	40.2	5.7	30.4	20.4	3.9	14.0	17.7	0.2	12.5	1.3	0.0	0.7	79.7
758 Sodankylä	41.5	8.2	31.0	11.6	2.5	8.0	8.8	0.0	6.4	0.4	0.0	0.2	62.4
845 Tervola	30.4	4.1	23.5	31.4	5.6	22.2	20.1	0.2	14.2	1.3	0.0	0.6	83.2
851 Tornio	22.1	2.5	17.3	35.7	5.7	26.0	27.6	0.2	20.4	3.6	0.1	2.4	89.0
854 Pello	44.9	9.9	31.6	15.4	2.3	11.0	14.0	0.2	9.6	1.6	0.1	1.0	75.9
890 Utsjoki	53.6	1.0	49.7	0.1	0.0	0.1	10.0	0.0	3.9	0.0	0.0	0.0	63.7
976 Ylitornio	39.0	7.2	27.6	16.9	2.7	12.0	15.3	0.2	10.7	1.5	0.0	0.8	72.6
Total	47.0	8.5	35.5	12.8	2.5	9.0	10.2	0.1	7.2	0.8	0.0	0.5	70.8

Table 7b. The growing stock volume by tree species and roundwood assortment on forest land by Forest Centre regions.

Forest Centre region										Other decid.	Other decid.	Other decid.	All tree species
	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	tree species total	tree species logs	tree species pulpw.	
Municipality	1000 m ³												
563 Oulainen	2 363	534	1 689	1 110	396	626	1 084	27	867	203	16	146	4 760
564 Oulu	12 574	2 553	9 032	2 733	715	1 737	3 570	26	2 710	291	13	196	19 168
615 Pudasjärvi	20 949	3 934	15 470	5 447	1 262	3 651	4 440	53	3 361	351	18	251	31 187
625 Pyhäjoki	2 440	477	1 811	950	295	574	1 018	19	784	140	8	100	4 548
626 Pyhäsalmi	6 448	1 447	4 665	2 559	802	1 517	2 549	108	1 937	387	37	249	11 944
630 Pyhäntä	3 990	915	2 862	604	157	380	1 105	32	820	83	5	58	5 782
678 Raahe	4 279	873	3 138	1 486	489	869	1 705	25	1 342	230	14	164	7 699
691 Reisjärvi	2 341	558	1 641	848	328	453	729	29	563	141	15	98	4 059
746 Sievi	3 482	762	2 491	966	328	554	1 065	36	826	199	22	138	5 712
748 Siikajoki	4 291	822	3 147	904	254	545	1 538	14	1 171	197	14	139	6 930
791 Siikalatva	9 760	1 869	7 223	1 647	464	1 004	3 425	53	2 637	344	32	233	15 177
832 Taivalkoski	9 442	2 252	6 659	4 071	1 087	2 644	2 211	25	1 672	265	18	192	15 989
859 Tyrnävä	1 786	338	1 303	285	78	175	500	3	376	63	4	44	2 633
889 Utajärvi	6 468	1 232	4 783	882	229	557	1 613	23	1 230	102	7	63	9 066
977 Ylivieska	2 412	563	1 711	1 053	373	600	1 004	30	797	196	18	138	4 665
Total	142 482	29 586	103 374	43 128	12 314	26 798	43 363	778	33 098	5 311	400	3 684	234 284
Lapland													
047 Enontekiö	4 432	780	3 469	539	160	349	776	0	521	43	0	32	5 790
148 Inari	42 868	6 092	35 068	2 209	695	1 404	4 805	0	2 993	293	12	210	50 175
240 Kemi	140	11	116	263	45	190	144	1	108	37	1	26	583
241 Keminmaa	1 270	161	993	1 621	299	1 133	953	5	705	119	1	55	3 963
261 Kittilä	18 942	3 804	13 976	6 276	1 361	4 334	5 216	2	3 755	382	1	242	30 817
273 Kolari	8 210	1 796	5 857	1 829	284	1 294	1 655	5	1 106	105	1	69	11 798
320 Kemijärvi	14 130	2 333	10 756	2 380	333	1 748	2 113	2	1 449	196	10	114	18 820
498 Muonio	6 249	1 482	4 506	1 643	343	1 147	1 052	2	787	86	1	66	9 030
583 Pelkosenniemi	5 103	925	3 777	1 540	224	1 130	1 368	2	976	70	0	39	8 083
614 Posio	11 022	2 291	8 044	3 211	701	2 236	1 902	22	1 368	183	3	133	16 317
683 Ranua	11 275	1 868	8 454	2 821	608	1 886	2 218	16	1 567	202	3	146	16 515
698 Rovaniemi	27 538	5 759	19 640	7 767	1 432	5 380	5 889	49	4 131	591	9	399	41 785
732 Salla	16 210	2 762	12 429	6 477	1 313	4 624	3 892	15	2 819	237	3	141	26 815
742 Savukoski	18 761	3 526	14 155	5 178	1 152	3 613	3 050	6	2 124	111	0	35	27 099
751 Simo	3 568	503	2 696	1 812	344	1 240	1 571	13	1 108	116	1	62	7 067
758 Sodankylä	27 588	5 463	20 607	7 721	1 657	5 344	5 854	3	4 236	267	0	111	41 431
845 Tervola	3 281	442	2 535	3 389	603	2 391	2 169	19	1 532	142	0	67	8 980
851 Tornio	1 781	204	1 393	2 872	461	2 089	2 223	13	1 645	292	10	194	7 168
854 Pello	5 994	1 317	4 217	2 055	306	1 470	1 864	22	1 276	210	7	127	10 124
890 Utsjoki	660	13	612	1	0	1	123	0	47	0	0	0	784
976 Ylitornio	5 414	997	3 841	2 343	371	1 662	2 124	32	1 488	201	1	105	10 082
Total	234 435	42 528	177 142	63 949	12 694	44 665	50 960	227	35 742	3 884	66	2 372	353 228

Table 7c. The mean volume of growing stock by tree species and roundwood assortment on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.	Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
										m ³ /ha			
Municipality													
563 Oulainen	53.4	12.1	38.2	25.1	9.0	14.2	24.5	0.6	19.6	4.6	0.4	3.3	107.7
564 Oulu	63.3	12.9	45.5	13.7	3.6	8.7	18.0	0.1	13.7	1.5	0.1	1.0	96.5
615 Pudasjärvi	57.0	10.5	42.3	13.6	3.0	9.3	12.2	0.1	9.2	0.9	0.0	0.7	83.7
625 Pyhäjoki	58.8	11.5	43.6	22.8	7.1	13.8	24.4	0.5	18.8	3.4	0.2	2.4	109.4
626 Pyhäsalmi	60.4	13.5	43.7	23.8	7.4	14.2	23.9	1.0	18.2	3.6	0.4	2.3	111.8
630 Pyhäntä	67.8	15.4	48.7	10.0	2.5	6.4	19.0	0.5	14.1	1.4	0.1	1.0	98.2
678 Raahe	59.3	12.1	43.5	20.6	6.8	12.0	23.6	0.3	18.6	3.2	0.2	2.3	106.7
691 Reisjärvi	69.5	16.5	48.8	25.3	9.8	13.5	21.8	0.9	16.9	4.2	0.4	2.9	120.8
746 Sievi	64.7	14.2	46.3	18.0	6.1	10.3	19.8	0.7	15.4	3.7	0.4	2.6	106.2
748 Siikajoki	63.8	12.2	46.8	13.4	3.8	8.1	22.9	0.2	17.4	2.9	0.2	2.1	102.9
791 Siikalatva	63.4	12.1	46.9	10.8	3.1	6.6	22.4	0.3	17.3	2.3	0.2	1.5	98.9
832 Taivalkoski	51.7	12.1	36.7	20.3	5.1	13.4	12.1	0.1	9.1	1.4	0.1	1.0	85.5
859 Tyrnävä	65.4	12.4	47.8	10.4	2.9	6.4	18.3	0.1	13.8	2.3	0.2	1.6	96.5
889 Utajärvi	62.2	11.8	46.1	8.6	2.2	5.4	15.8	0.2	12.1	1.0	0.1	0.6	87.6
977 Ylivieska	58.8	13.7	41.7	25.7	9.1	14.6	24.5	0.7	19.4	4.8	0.5	3.4	113.7
Total	58.2	11.9	42.3	17.1	4.8	10.6	18.0	0.3	13.7	2.2	0.2	1.5	95.5
Lapland													
047 Enontekiö	48.8	8.7	38.0	5.3	1.6	3.4	7.5	0.0	4.9	0.5	0.0	0.4	62.1
148 Inari	60.2	7.8	49.9	1.6	0.4	1.1	6.4	0.0	3.9	0.4	0.0	0.2	68.5
240 Kemi	21.8	1.7	18.2	40.1	6.9	28.9	20.7	0.1	15.4	5.3	0.1	3.6	87.8
241 Keminmaa	27.6	3.4	21.6	35.8	6.6	25.1	21.3	0.1	15.8	2.7	0.0	1.3	87.4
261 Kittilä	42.1	8.6	30.9	12.4	2.4	8.8	11.2	0.0	8.0	0.9	0.0	0.5	66.6
273 Kolari	48.9	10.7	34.9	10.7	1.6	7.5	9.9	0.0	6.6	0.6	0.0	0.4	70.1
320 Kemijärvi	55.4	9.1	42.2	9.3	1.3	6.8	8.3	0.0	5.7	0.8	0.0	0.4	73.7
498 Muonio	48.0	11.5	34.4	11.4	2.1	8.1	8.0	0.0	6.0	0.7	0.0	0.5	68.1
583 Pelkosenniemi	43.8	7.8	32.4	13.1	1.9	9.6	11.8	0.0	8.4	0.7	0.0	0.4	69.3
614 Posio	52.3	10.6	38.4	14.2	3.0	10.0	9.2	0.1	6.6	0.9	0.0	0.7	76.7
683 Ranua	55.1	9.0	41.4	13.4	2.8	9.1	10.8	0.1	7.6	1.0	0.0	0.7	80.4
698 Rovaniemi	50.1	10.4	35.8	13.8	2.5	9.6	10.8	0.1	7.5	1.1	0.0	0.7	75.7
732 Salla	42.8	7.0	33.0	15.9	3.2	11.4	10.4	0.0	7.5	0.6	0.0	0.4	69.7
742 Savukoski	41.0	7.6	30.9	9.8	1.9	7.0	6.9	0.0	4.7	0.3	0.0	0.1	57.9
751 Simo	39.9	5.5	30.2	18.9	3.4	13.0	17.7	0.1	12.5	1.3	0.0	0.7	77.8
758 Sodankylä	39.7	8.1	29.2	10.2	1.9	7.3	9.3	0.0	6.6	0.5	0.0	0.2	59.6
845 Tervola	30.0	4.0	23.2	30.9	5.4	21.9	20.3	0.2	14.4	1.3	0.0	0.6	82.5
851 Tornio	22.1	2.5	17.3	35.8	5.7	26.0	27.6	0.2	20.4	3.6	0.1	2.4	89.1
854 Pello	44.5	9.7	31.4	15.0	2.2	10.8	14.0	0.2	9.6	1.6	0.1	1.0	75.1
890 Utsjoki	52.3	1.2	48.3	0.0	0.0	0.0	13.8	0.0	5.1	0.0	0.0	0.0	66.2
976 Ylitornio	39.0	7.1	27.7	16.3	2.5	11.6	15.4	0.2	10.8	1.5	0.0	0.7	72.1
Total	46.0	8.4	34.5	12.7	2.3	9.0	10.6	0.1	7.4	0.8	0.0	0.5	70.1

Table 7d. The growing stock volume by tree species and roundwood assortment on forest land available for wood supply by Forest Centre regions.

Forest Centre region										Other decid. tree species total	Other decid. tree species logs	Other decid. tree species pulpw.	All tree species
Municipality	Pine total	Pine logs	Pine pulpw.	Spruce total	Spruce logs	Spruce pulpw.	Birch total	Birch logs	Birch pulpw.				
	1000 m ³												
563 Oulainen	2 354	532	1 682	1 105	394	624	1 081	27	864	202	16	146	4 743
564 Oulu	12 318	2 503	8 846	2 670	700	1 697	3 498	26	2 657	284	13	191	18 770
615 Pudasjärvi	19 305	3 548	14 316	4 614	1 005	3 133	4 113	46	3 110	317	15	227	28 349
625 Pyhäjoki	2 431	475	1 805	943	292	570	1 011	19	779	139	8	100	4 524
626 Pyhäsalmi	6 402	1 434	4 634	2 526	785	1 502	2 533	108	1 924	385	37	247	11 845
630 Pyhäntä	3 859	879	2 774	570	143	362	1 081	31	802	81	5	57	5 591
678 Raahе	4 243	866	3 111	1 472	484	861	1 691	24	1 331	228	14	163	7 635
691 Reisjärvi	2 299	545	1 614	838	323	448	722	29	558	140	15	97	3 999
746 Sievi	3 461	758	2 475	960	326	551	1 059	35	821	198	22	137	5 678
748 Siikajoki	4 159	798	3 052	872	244	526	1 490	13	1 137	190	14	135	6 711
791 Siikalatva	9 560	1 831	7 076	1 626	459	990	3 381	52	2 604	342	32	232	14 909
832 Taivalkoski	8 588	2 003	6 095	3 365	845	2 221	2 010	22	1 510	239	15	173	14 202
859 Tyrnävä	1 786	338	1 303	285	78	175	500	3	376	63	4	44	2 633
889 Utajärvi	6 212	1 181	4 598	855	224	539	1 577	22	1 203	102	7	63	8 746
977 Ylivieska	2 407	562	1 708	1 052	372	600	1 003	30	796	196	18	138	4 658
Total	135 841	27 873	98 856	39 919	11 295	24 830	41 985	753	32 040	5 133	386	3 552	222 878
Lapland													
047 Enontekiö	3 172	566	2 473	347	106	224	489	0	322	32	0	24	4 041
148 Inari	22 710	2 942	18 798	584	155	399	2 395	0	1 477	134	3	88	25 822
240 Kemi	137	11	114	253	44	182	131	1	97	33	1	23	554
241 Kemijärvi	1 175	145	919	1 524	279	1 065	906	4	670	113	1	53	3 717
261 Kittilä	15 673	3 183	11 486	4 623	889	3 257	4 177	2	2 977	318	1	199	24 791
273 Kolari	7 857	1 716	5 606	1 710	261	1 210	1 590	5	1 059	99	1	65	11 256
320 Kemijärvi	13 885	2 282	10 574	2 332	324	1 713	2 075	2	1 422	193	10	112	18 484
498 Muonio	4 898	1 169	3 510	1 160	217	827	819	2	612	72	1	55	6 949
583 Pelkosenniemi	4 572	817	3 389	1 365	196	999	1 234	1	879	67	0	37	7 239
614 Posio	9 419	1 909	6 912	2 562	530	1 798	1 659	19	1 188	163	2	118	13 802
683 Ranua	10 804	1 768	8 119	2 635	551	1 774	2 121	13	1 498	196	3	142	15 756
698 Rovaniemi	26 631	5 534	19 005	7 313	1 316	5 080	5 708	40	3 999	568	9	386	40 220
732 Salla	14 024	2 297	10 823	5 220	1 041	3 723	3 408	12	2 447	205	2	126	22 856
742 Savukoski	13 573	2 525	10 211	3 228	630	2 304	2 270	4	1 549	82	0	27	19 153
751 Simo	3 178	439	2 402	1 502	268	1 034	1 409	9	992	100	1	54	6 189
758 Sodankylä	19 700	4 007	14 509	5 075	930	3 608	4 604	3	3 271	236	0	104	29 615
845 Tervola	3 068	407	2 375	3 165	554	2 238	2 080	17	1 470	134	0	62	8 447
851 Tornio	1 752	201	1 372	2 834	455	2 062	2 189	12	1 619	287	10	191	7 062
854 Pello	5 784	1 261	4 075	1 947	280	1 398	1 823	22	1 247	204	7	124	9 758
890 Utsjoki	269	6	248	0	0	0	71	0	26	0	0	0	340
976 Ylitornio	5 234	957	3 717	2 188	331	1 561	2 061	29	1 444	195	1	100	9 677
Total	187 514	34 144	140 639	51 565	9 358	36 455	43 218	195	30 265	3 430	54	2 089	285 727

Table 8a. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
Åland												
035 Brändö	1	0	0	0	0	0	4	1	0	5	1	1
043 Eckerö	5	1	0	2	1	0	6	1	0	12	3	1
060 Finström	5	1	0	2	1	1	6	1	0	13	3	1
062 Föglö	5	1	0	1	0	0	4	1	0	10	2	1
065 Geta	2	1	0	1	0	0	2	0	0	5	1	1
076 Hammarland	6	1	0	2	1	1	7	1	0	15	4	2
170 Jomala	6	1	0	3	1	1	7	1	1	16	4	2
295 Kumlinge	2	0	0	0	0	0	3	1	0	5	1	1
318 Kökar	0	0	0	0	0	0	1	0	0	1	0	0
417 Lemland	6	1	0	3	1	1	7	1	1	15	3	2
438 Lumparland	1	0	0	1	0	0	1	0	0	3	1	0
478 Mariehamn-Maarianhamina	0	0	0	0	0	0	0	0	0	1	0	0
736 Saltvik	5	1	0	2	1	0	4	1	0	12	3	1
766 Sottunga	0	0	0	0	0	0	0	0	0	1	0	0
771 Sund	5	1	0	2	1	0	4	1	0	10	2	1
941 Vårdö	3	1	0	1	0	0	3	0	0	7	2	1
Total	52	12	4	20	7	5	60	11	4	132	30	14
Rannikko/Etelärannikko												
049 Espoo-Esbo	9	2	1	7	2	2	13	2	1	30	7	3
078 Hanko-Hangö	2	0	0	2	1	1	3	1	0	7	2	1
091 Helsinki-Helsingfors	4	1	0	3	1	1	7	1	0	14	3	2
092 Vantaa-Vanda	5	1	0	5	2	1	11	2	1	21	5	2
149 Ingå-Inkoo	12	3	1	8	3	2	17	3	1	37	8	4
235 Kauniainen-Grankulla	0	0	0	0	0	0	0	0	0	0	0	0
257 Kirkkonummi-Kyrkslätt	13	3	1	9	3	2	19	3	1	41	9	4
322 Kemiönsaari	17	4	1	9	3	2	10	2	1	35	8	4
407 Lapinjärvi-Lappträsk	15	3	1	7	2	2	17	3	1	38	8	4
434 Loviisa-Lovisa	61	13	4	28	8	6	44	7	3	133	28	13
445 Länsi-Turunmaa	20	5	2	9	3	2	16	3	1	46	10	5
638 Porvoo-Borgå	36	8	3	20	6	4	30	5	2	86	18	9
710 Raasepori	37	8	3	26	9	6	44	7	3	107	24	12
753 Sipoo-Sibbo	11	2	1	10	3	2	16	3	1	37	8	4
755 Siuntio-Sjundeå	7	2	1	6	2	1	15	3	1	29	6	3
Total	248	54	19	151	48	34	264	43	17	663	145	70
Rannikko/Pohjanmaan rannikko												
231 Kaskinen-Kaskö	1	0	0	0	0	0	1	0	0	2	0	0
272 Kokkola-Karleby Rannikko	27	6	2	7	3	2	13	2	1	47	11	5
280 Korsnäs	22	5	2	7	2	2	15	3	1	44	10	5
287 Kristinestad-	59	14	5	12	4	3	33	6	2	104	24	11
288 Kronoby-Kruunupyy	54	13	5	12	5	3	27	5	2	93	22	10
440 Larsmo-Luoto	12	3	1	4	2	1	7	1	1	23	6	3
475 Malax-Maalahti	39	9	3	13	5	3	32	5	2	84	20	9
499 Korsholm-Mustasaari	77	19	7	25	9	7	49	9	4	151	37	17
545 Närpes-Närpiö	87	21	8	23	8	6	49	8	4	159	38	17
598 Jakobstad-Pietarsaari	6	2	1	2	1	0	4	1	0	12	3	1
599 Pedersöre-Pedersören kunta	71	16	6	15	5	4	30	5	2	116	27	12
893 Nykarleby-Uusikaarlepyy	62	14	5	17	6	4	32	6	2	110	26	12
905 Vaasa-Vasa	23	5	2	9	3	2	20	3	1	51	12	6
946 Vörå-Vöyri	54	13	5	18	7	5	38	7	3	109	26	12
Total	594	142	51	163	60	42	348	61	25	1 105	262	118
Lounais-Suomi												
019 Aura	2	0	0	2	0	0	2	0	0	5	1	1
050 Eura	19	4	1	10	3	2	17	3	1	45	10	5
051 Eurajoki	13	3	1	9	3	2	12	2	1	35	8	4
079 Harjavalta	5	1	0	3	1	1	5	1	0	12	3	1
099 Honkajoki	10	2	1	2	1	0	5	1	0	17	4	2
102 Huittinen	14	3	1	9	3	2	23	3	1	46	10	5
181 Jämijärvi	10	2	1	3	1	1	6	1	0	19	4	2
202 Kaarina	4	1	0	2	1	0	4	1	0	10	2	1
214 Kankaanpää	40	10	3	9	3	2	20	3	1	68	16	7
230 Karvia	15	4	1	1	0	0	8	1	1	24	5	2
271 Kokemäki	15	3	1	11	4	3	25	4	2	51	11	5
284 Koski T.I.	4	1	0	3	1	1	7	1	0	14	3	1
304 Kustavi	5	1	0	2	1	0	4	1	0	11	3	1
319 Köyliö	7	2	1	4	1	1	8	1	1	19	4	2
400 Laitila	19	4	1	8	3	2	11	2	1	38	8	4
413 Lavia	27	7	2	12	4	3	10	2	1	48	12	6
423 Lieto	4	1	0	4	1	1	3	0	0	11	2	1
430 Loimaa	19	4	1	11	4	3	25	4	2	55	12	6
442 Luvia	9	2	1	6	2	1	7	1	0	22	5	3
480 Marttila	4	1	0	4	1	1	6	1	0	14	3	2
481 Masku	6	1	0	3	1	1	4	1	0	12	3	1
484 Merikarvia	31	7	3	11	4	3	29	5	2	71	16	7
503 Mynämäki	18	4	1	10	3	2	10	2	1	38	9	4
529 Naantali	8	2	1	3	1	1	5	1	0	16	4	2
531 Nakkila	6	1	1	5	1	1	5	1	0	16	4	2
538 Nousiainen	5	1	0	3	1	1	3	1	0	12	3	1

Table 8a. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
561 Oripää	3	1	0	1	0	0	3	0	0	7	1	1
577 Paimio	6	1	0	3	1	1	6	1	0	15	3	2
608 Pomarkku	18	4	2	9	3	2	9	1	1	35	9	4
609 Pori	44	10	4	25	8	6	32	5	2	101	23	11
631 Pyhärinta	5	1	0	3	1	1	4	1	0	12	3	1
636 Pöytyä	19	4	1	10	3	2	20	3	1	49	10	5
680 Raisio	1	0	0	0	0	0	1	0	0	3	1	0
684 Rauma	19	4	1	10	3	2	14	2	1	43	10	5
704 Rusko	4	1	0	2	1	0	2	0	0	8	2	1
734 Salo	55	12	4	34	11	8	62	10	4	151	34	17
738 Sauvo	8	2	1	3	1	1	6	1	0	17	4	2
747 Siikainen	24	5	2	8	3	2	18	3	1	50	11	5
761 Somero	19	4	1	13	4	3	29	5	2	61	14	7
783 Säkyä	5	1	0	2	1	1	5	1	0	12	3	1
833 Taivassalo	4	1	0	2	0	0	2	0	0	8	2	1
838 Tarvasjoki	2	0	0	2	1	0	2	0	0	6	1	1
853 Turku-Åbo	5	1	0	3	1	1	4	1	0	13	3	1
886 Ulvila	19	4	2	14	4	3	16	3	1	49	11	6
895 Uusikaupunki	18	4	1	8	3	2	12	2	1	38	9	4
918 Vehmaa	7	2	1	3	1	1	4	1	0	14	3	1
Total	604	137	48	303	98	69	513	84	34	1 420	318	152
Häme-Uusimaa												
016 Asikkala	23	5	2	21	7	5	38	6	3	82	18	9
018 Askola	8	2	1	5	2	1	9	1	1	22	5	2
061 Forssa	7	1	0	5	2	1	8	1	1	20	5	2
081 Hartola	28	6	2	20	7	5	42	7	3	89	19	10
082 Hattula	11	3	1	16	5	4	29	5	2	56	12	6
086 Hausjärvi	10	2	1	10	3	2	18	3	1	38	9	4
098 Hollola	14	3	1	13	4	3	24	4	2	51	11	6
103 Humppila	4	1	0	3	1	1	3	1	0	10	2	1
106 Hyvinkää	11	2	1	10	3	2	18	3	1	39	9	4
109 Hämeenlinna	65	15	5	70	23	16	108	18	7	242	55	28
111 Heinola	43	9	3	21	7	5	42	7	3	106	23	11
165 Janakkala	16	4	1	19	6	4	33	5	2	68	15	8
169 Jokioinen	5	1	0	3	1	1	6	1	0	14	3	1
186 Järvenpää	0	0	0	0	0	0	1	0	0	2	0	0
224 Karkkila	9	2	1	9	3	2	18	3	1	36	8	4
245 Kerava	1	0	0	1	0	0	1	0	0	2	1	0
283 Hämeenkoski	5	1	0	5	2	1	10	2	1	20	4	2
316 Kärkölä	7	1	1	7	2	2	13	2	1	27	6	3
398 Lahti	3	1	0	2	1	1	6	1	0	11	2	1
433 Loppi	23	5	2	23	8	6	44	7	3	90	20	10
444 Lohja	31	7	2	30	10	7	80	13	5	142	30	15
504 Myrskylä-Mörskom	7	2	1	4	1	1	11	2	1	22	5	2
505 Mäntsälä	19	4	1	17	6	4	28	5	2	64	14	7
532 Nastola	14	3	1	8	2	2	20	3	1	41	9	4
543 Nurmijärvi	7	2	1	8	3	2	20	3	1	36	8	4
560 Orimattila	25	5	2	16	5	4	38	6	3	79	17	8
576 Padasjoki	24	5	2	19	7	5	25	4	2	69	16	8
611 Pornainen	5	1	0	5	2	1	8	1	1	18	4	2
616 Pukkila	5	1	0	4	1	1	7	1	0	15	3	2
694 Riihimäki	3	1	0	3	1	1	7	1	0	14	3	2
781 Sysmä	28	6	2	24	8	6	41	7	3	92	21	10
834 Tammela	25	6	2	24	8	6	39	6	2	88	20	10
858 Tuusula	4	1	0	5	2	1	11	2	1	20	4	2
927 Vihti	16	4	1	16	6	4	36	6	2	69	15	8
981 Ypäjä	5	1	0	2	1	1	5	1	0	12	3	1
Total	512	113	40	448	150	106	845	137	56	1 804	400	202
Kaakkois-Suomi												
075 Hamina	44	9	3	14	5	3	20	3	1	77	16	8
142 Iitti	30	6	2	14	5	3	30	5	2	74	16	7
153 Imatra	6	1	0	6	2	1	6	1	0	18	4	2
285 Kotka	21	4	1	6	2	1	10	2	1	38	8	4
286 Kouvola	166	35	12	59	19	14	115	18	8	339	72	34
405 Lappeenranta	82	17	6	42	14	10	54	9	4	178	40	20
416 Lemi	11	2	1	6	2	1	10	2	1	26	6	3
441 Luumäki	59	12	5	19	7	5	32	5	2	111	24	12
489 Miehikkälä	28	6	2	10	3	2	12	2	1	50	11	5
580 Parikkala	29	6	2	31	10	7	35	6	2	95	22	12
624 Pyhtää-Pyttis	31	6	2	11	4	3	18	3	1	60	13	6
689 Rautjärvi	18	4	1	16	5	4	18	3	1	52	12	6
700 Ruokolahti	64	14	5	36	12	8	42	7	3	142	33	16
739 Savitaipale	40	8	3	12	4	3	22	4	2	75	16	8
831 Taipalsaari	23	5	2	10	4	2	15	2	1	49	11	5
935 Virolahti	24	5	2	7	2	2	10	2	1	41	9	4
Total	677	142	51	300	100	70	450	72	31	1 427	314	153
Pirkanmaa												
020 Akaa	9	2	1	7	2	2	11	2	1	28	6	3

Table 8a. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
108 Hämeenkyrö	23	5	2	17	5	4	19	3	1	58	14	7
143 Ikaalinen	46	11	4	23	8	5	25	4	2	95	22	11
177 Juupajoki	10	2	1	10	3	2	14	2	1	34	8	4
211 Kangasala	22	5	2	22	7	5	26	4	2	70	16	8
250 Kihniö	18	4	1	3	1	1	9	1	1	29	7	3
418 Lempäälä	7	2	1	8	3	2	9	2	1	25	6	3
508 Mänttä-Vilppula	34	8	3	17	6	4	25	4	2	76	17	8
536 Nokia	11	3	1	11	3	2	14	2	1	37	8	4
562 Orivesi	33	7	3	34	11	7	42	7	3	109	25	13
581 Parkano	56	13	5	10	3	2	22	4	1	87	20	8
604 Pirkkala	2	0	0	2	1	1	3	1	0	8	2	1
619 Punkalaidun	9	2	1	8	3	2	10	2	1	27	6	3
635 Pälkäne	18	4	1	22	7	5	29	5	2	69	16	8
702 Ruovesi	41	9	3	28	9	6	31	5	2	99	23	11
790 Sastamala	70	16	6	55	17	12	49	8	3	175	42	21
837 Tampere	20	4	2	22	7	5	23	4	2	64	15	8
887 Urjala	14	3	1	13	4	3	17	3	1	44	10	5
908 Valkeakoski	8	2	1	8	3	2	16	3	1	32	7	3
922 Vesilahti	7	1	1	9	3	2	10	2	1	26	6	3
936 Virrat	80	19	7	23	7	5	31	5	2	134	31	14
980 Ylöjärvi	61	14	5	35	11	8	40	6	3	137	32	16
Total	597	136	48	388	125	87	476	77	31	1 462	338	167
Etelä-Savo												
046 Enonkoski	19	4	1	16	5	4	22	4	1	56	13	7
090 Heinävesi	77	16	6	56	18	13	78	13	5	211	48	24
097 Hirvensalmi	31	7	2	16	5	4	40	6	3	86	18	9
171 Joroinen	35	8	3	27	9	6	41	7	3	103	24	12
178 Juva	80	17	6	44	15	11	74	12	5	198	44	22
213 Kangasniemi	78	17	6	31	11	7	65	11	4	174	38	18
491 Mikkeli	164	35	13	75	26	18	177	29	12	416	89	43
507 Mäntyharju	82	17	6	23	8	6	54	9	4	159	34	16
588 Pertunmaa	20	4	2	11	4	3	29	5	2	60	13	6
593 Pieksämäki	166	35	13	70	24	17	117	20	8	353	79	38
623 Puumala	62	13	5	18	6	4	29	5	2	110	24	11
681 Rantasalmi	29	6	2	27	9	6	41	7	3	97	22	12
740 Savonlinna	137	29	11	102	34	23	136	23	10	375	86	44
768 Sulkava	35	7	3	18	6	4	27	5	2	80	18	9
Total	1 014	216	79	532	180	126	931	154	65	2 478	550	269
Etelä-Pohjanmaa												
005 Alajärvi	67	16	6	5	2	1	23	4	2	95	22	9
010 Alavus	52	12	5	5	2	1	20	4	1	78	18	7
052 Evijärvi	24	5	2	4	1	1	12	2	1	40	9	4
074 Halsua	24	6	2	2	1	1	8	1	1	35	8	3
145 Ilmajoki	30	7	3	4	1	1	11	2	1	45	10	4
151 Isojoki	31	7	3	5	2	1	14	2	1	50	12	5
152 Isokyrö	18	4	2	4	1	1	8	1	1	30	7	3
164 Jalasjärvi	36	8	3	3	1	1	16	3	1	56	12	5
217 Kannus	32	7	3	4	1	1	14	3	1	50	11	5
218 Karijoki	17	4	1	2	1	1	5	1	0	24	6	2
232 Kauhajoki	72	17	6	8	3	2	23	4	2	103	24	10
233 Kauhava	77	18	6	10	4	3	31	6	2	118	27	11
236 Kaustinen	24	6	2	3	1	1	12	2	1	39	9	4
272 Kokkola-Karleby E-Pohjanmaa	75	17	6	12	5	3	35	6	2	122	28	12
300 Kuortane	29	7	3	2	1	1	10	2	1	41	9	4
301 Kurikka	65	16	6	11	4	3	26	5	2	103	24	11
399 Laihia	35	8	3	11	4	3	24	4	2	70	16	7
403 Lappajärvi	31	7	3	3	1	1	12	2	1	46	11	4
408 Lapua	44	10	4	5	2	1	15	3	1	64	15	6
421 Lestijärvi	31	7	3	4	2	1	15	3	1	50	11	5
584 Perho	49	11	4	5	2	1	15	3	1	69	16	7
743 Seinäjoki	67	16	6	8	3	2	28	5	2	104	24	10
759 Soini	34	8	3	4	2	1	14	2	1	51	12	5
846 Teuva	49	12	4	9	3	2	15	3	1	73	18	8
849 Toholampi	31	7	3	6	2	1	19	3	1	56	13	5
924 Veteli	30	7	3	3	1	1	13	2	1	46	10	4
934 Vimpeli	17	4	2	2	1	1	8	1	1	27	6	3
989 Ähtäri	49	11	4	8	3	2	21	4	2	78	18	8
Total	1 141	267	97	153	57	41	468	83	33	1 762	407	171
Keski-Suomi												
077 Hankasalmi	50	11	4	23	8	6	38	6	3	111	25	12
172 Joutsa	57	12	4	27	9	6	57	9	4	142	31	15
179 Jyväskylä	59	13	5	35	12	8	61	10	4	156	35	17
182 Jämsä	86	19	7	52	17	12	80	13	5	218	49	24
216 Kannonkoski	37	8	3	9	3	2	18	3	1	64	15	7
226 Karstula	60	14	5	11	4	3	27	5	2	98	22	9
249 Keuruu	96	21	8	30	10	7	48	9	3	174	40	18
256 Kinnula	36	8	3	6	2	2	15	3	1	57	13	6
265 Kivijärvi	38	9	3	7	2	2	15	3	1	60	14	6

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Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
275 Konnevesi	26	6	2	17	6	4	41	7	3	83	18	9
291 Kuhmoinen	32	7	3	24	8	6	36	6	2	92	21	10
312 Kyyjärvi	30	7	3	4	2	1	12	2	1	46	11	4
410 Laukaa	32	7	3	19	7	5	35	6	2	87	19	9
435 Luhanka	10	2	1	9	3	2	14	2	1	32	7	4
495 Multia	55	12	4	11	4	3	25	5	2	92	21	9
500 Muurame	6	1	1	5	2	1	8	1	1	20	5	2
592 Petäjävesi	29	6	2	10	3	2	20	3	1	58	13	6
601 Pihtipudas	80	18	6	20	7	5	43	8	3	144	33	15
729 Saarijärvi	91	20	7	22	8	6	46	8	4	159	37	17
850 Toivakka	22	5	2	10	4	2	18	3	1	51	11	5
892 Uurainen	21	5	2	7	2	2	14	2	1	42	10	4
931 Viitasaari	103	23	8	29	11	8	61	11	5	193	44	20
992 Äänekoski	53	12	4	24	8	6	47	8	4	124	29	14
Total	1 111	247	88	412	142	100	778	134	55	2 300	524	243
Pohjois-Savo												
140 Iisalmi	55	12	4	39	15	10	82	14	6	176	41	20
174 Juankoski	31	7	2	19	7	5	41	7	3	92	22	11
204 Kaavi	60	14	5	32	12	8	56	10	4	149	36	17
239 Keitele	43	9	3	17	6	4	26	5	2	86	20	9
263 Kiuruvesi	75	17	6	46	17	13	133	23	9	254	57	27
297 Kuopio	156	34	12	119	42	29	211	37	15	486	113	56
402 Lapinlahti	84	18	6	54	20	15	109	19	8	247	58	29
420 Leppävirta	87	19	7	65	22	15	100	17	7	252	57	29
476 Maaninka	31	7	2	23	9	6	40	7	3	94	22	11
595 Pielavesi	91	19	7	51	19	13	102	18	7	244	56	27
686 Rautalampi	59	13	5	33	11	8	56	9	4	148	34	17
687 Rautavaara	125	29	10	40	15	10	79	14	6	244	58	26
749 Siilinjärvi	21	4	2	18	7	5	29	5	2	68	16	8
762 Sonkajärvi	137	32	11	50	19	14	126	22	9	313	73	34
778 Suonenjoki	78	17	6	36	12	9	63	11	4	177	40	19
844 Tervo	27	6	2	19	7	5	39	7	3	84	19	9
857 Tuusniemi	30	6	2	31	11	7	46	8	3	107	25	13
915 Varkaus	23	5	2	21	7	5	28	5	2	72	17	9
921 Vesanto	25	5	2	16	6	4	30	5	2	71	16	8
925 Vieremä	64	15	5	30	11	8	78	13	5	171	40	18
Total	1 302	288	103	760	274	194	1 474	256	101	3 536	817	397
Pohjois-Karjala												
146 Ilomantsi	311	68	24	50	17	12	117	21	9	478	106	45
167 Joensuu	177	38	14	78	26	18	156	26	11	410	90	42
176 Juuka	178	40	14	67	24	17	105	19	8	350	83	39
260 Kitee	74	16	6	52	17	12	66	11	5	192	44	22
276 Kontiolahti	68	15	5	29	10	7	61	10	4	158	35	16
309 Outokumpu	31	7	2	22	8	5	28	5	2	82	19	10
422 Lieksa	389	88	31	99	36	26	228	40	16	717	164	73
426 Liperi	44	9	3	34	11	8	45	8	3	122	28	14
541 Nurmes	179	43	15	69	26	18	138	25	10	387	93	43
607 Polvijärvi	70	15	5	32	11	8	55	10	4	157	36	17
707 Rääkkylä	24	5	2	17	6	4	25	4	2	66	15	8
848 Tohmajärvi	64	14	5	24	8	5	41	7	3	129	29	13
911 Valtimo	87	21	7	37	14	10	71	13	5	194	47	22
Total	1 695	378	134	611	213	149	1 135	200	81	3 442	792	364
Kainuu												
105 Hyrynsalmi	131	35	13	24	10	7	79	16	6	234	61	26
205 Kajaani	143	35	12	41	16	11	111	20	7	295	71	31
290 Kuhmo	485	126	45	81	31	21	260	50	19	826	207	85
578 Paltamo	86	22	8	23	9	6	58	11	4	167	41	18
620 Puolanka	192	52	19	35	14	10	135	27	10	363	93	39
697 Ristijärvi	77	20	7	21	8	6	59	11	4	157	40	17
765 Sotkamo	251	63	22	86	33	23	198	36	14	536	132	59
777 Suomussalmi	433	127	45	62	26	18	210	44	17	705	197	81
785 Vaala	74	19	7	9	4	3	48	9	4	132	31	13
Total	1 873	499	177	383	150	105	1 159	223	86	3 415	872	368
Pohjois-Pohjanmaa												
009 Alavieska	14	3	1	2	1	1	8	1	1	24	6	2
069 Haapajärvi	51	12	4	13	5	4	34	6	2	98	22	10
071 Haapavesi	60	14	5	18	7	5	55	9	4	132	30	13
072 Hailuoto	11	3	1	1	0	0	13	2	1	25	5	2
208 Kalajoki	72	17	6	11	4	3	29	5	2	112	26	11
139 Ii	123	33	12	26	10	7	78	16	6	227	58	26
244 Kempele	7	2	1	1	0	0	5	1	0	13	3	1
305 Kuusamo	260	86	30	39	17	13	136	35	13	435	139	56
317 Kärsämäki	42	10	3	11	4	3	31	5	2	84	19	8
425 Liminka	41	10	4	6	2	1	29	5	2	76	17	7
436 Lumijoki	18	4	2	2	1	1	11	2	1	32	7	3
483 Merijärvi	13	3	1	4	1	1	12	2	1	28	6	3
494 Muhos	52	12	4	4	2	1	22	4	2	78	18	7
535 Nivala	21	5	2	6	2	2	18	3	1	45	10	5

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Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
563 Oulainen	29	7	2	9	3	2	30	5	2	69	15	7
564 Oulu	277	70	25	44	18	13	143	28	11	463	115	49
615 Pudasjärvi	522	149	54	71	30	22	193	41	16	786	220	92
625 Pyhäjoki	38	9	3	7	3	2	26	4	2	71	16	7
626 Pyhäsalmi	76	17	6	32	12	9	84	14	5	191	44	20
630 Pyhäntä	45	10	4	8	3	2	28	5	2	80	18	8
678 Raahe	67	15	6	12	5	3	49	8	3	128	28	12
691 Reisjärvi	32	7	3	6	2	2	17	3	1	55	13	5
746 Sievi	44	10	4	8	3	2	24	4	2	76	18	8
748 Siikajoki	92	21	8	13	5	3	56	10	4	161	36	15
791 Siikalatva	154	36	13	24	9	6	108	19	7	286	64	27
832 Taivalkoski	161	50	17	28	12	9	71	17	6	260	78	32
859 Tyrnävä	35	8	3	4	1	1	17	3	1	56	12	5
889 Utajärvi	113	28	10	10	4	3	46	9	3	169	41	16
977 Ylivieska	29	7	2	8	3	2	27	5	2	65	15	6
Total	2 500	658	235	427	169	122	1 401	272	107	4 328	1 099	465
Lapland												
047 Enontekiö	7	3	1	0	0	0	0	0	0	8	3	1
148 Inari	104	36	12	0	0	0	10	4	1	114	40	13
240 Kemi	10	3	1	7	3	2	9	2	1	27	8	4
241 Kemina	64	19	7	54	21	15	72	15	6	190	55	28
261 Kittilä	185	58	21	27	11	8	62	15	7	274	85	35
273 Kolari	127	42	16	21	9	6	60	14	6	208	64	28
320 Kemijärvi	191	59	23	20	9	7	57	14	6	269	83	35
498 Muonio	19	7	3	1	0	0	4	1	0	23	8	3
583 Pelkosenniemi	96	33	12	16	7	5	42	10	4	153	49	21
614 Posio	132	42	15	21	9	7	47	12	5	200	63	26
683 Ranua	234	71	26	39	16	12	95	21	9	368	108	46
698 Rovaniemi	392	117	43	134	53	38	256	59	23	782	229	104
732 Salla	200	70	25	37	17	12	107	27	11	344	113	48
742 Savukoski	110	37	13	18	9	6	50	13	6	179	58	25
751 Simo	100	28	10	37	15	11	79	17	7	216	59	28
758 Sodankylä	182	58	21	22	9	7	59	14	6	263	82	34
845 Tervola	91	25	9	79	31	22	119	25	9	289	81	40
851 Tornio	74	22	8	80	31	23	148	31	12	302	84	42
854 Pello	156	46	17	49	20	15	98	22	8	303	88	40
890 Utsjoki	51	22	7	0	0	0	2	1	0	53	23	8
976 Ylitornio	146	41	15	73	29	21	139	31	11	357	100	47
Total	2 671	840	304	734	299	216	1 516	346	137	4 922	1 485	657

Table 8b. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
Åland								
035 Brändö	15	17	8	7	10	7	33	30
043 Eckerö	23	27	15	12	10	7	48	47
060 Finström	23	27	16	14	11	8	50	49
062 Föglö	40	45	21	18	14	10	75	73
065 Geta	14	16	8	7	5	4	27	27
076 Hammarland	27	32	17	14	13	9	57	55
170 Jomala	25	30	18	16	13	10	57	55
295 Kumlinge	20	22	8	7	8	6	37	35
318 Kökar	4	4	2	2	2	1	8	8
417 Lemland	23	27	16	14	13	9	52	50
438 Lumparland	10	11	6	5	3	3	19	19
478 Mariehamn-Maarianhamina	1	2	1	1	1	0	3	3
736 Saltvik	29	34	18	15	10	8	57	56
766 Sottunga	4	5	2	2	2	1	8	7
771 Sund	25	28	15	13	10	7	50	48
941 Vårdö	24	28	14	12	7	5	45	45
Total	308	355	184	157	133	96	625	608
Rannikko/Etelärannikko								
049 Espoo-Esbo	40	51	79	71	32	30	151	152
078 Hanko-Hangö	31	37	28	25	15	14	73	76
091 Helsinki-Helsingfors	16	20	36	33	16	15	69	68
092 Vantaa-Vanda	15	19	42	38	21	20	77	77
149 Ingå-Inkoo	52	66	98	89	43	39	194	194
235 Kauniainen-Grankulla	1	1	1	1	0	0	2	2
257 Kirkkonummi-Kyrkslätt	53	66	90	81	41	38	184	185
322 Kemiönsaari	154	190	113	100	59	51	326	341
407 Lapinjärvi-Lappträsk	26	34	60	55	24	22	109	112
434 Loviisa-Lovisa	89	117	145	131	65	63	300	312
445 Länsi-Turunmaa	264	313	144	122	103	85	511	519
638 Porvoo-Borgå	75	97	114	103	46	45	235	245
710 Raasepori	208	263	309	278	141	128	658	669
753 Sipoo-Sibbo	39	51	99	91	30	29	169	171
755 Siuntio-Sjundeå	24	31	47	42	27	25	98	98
Total	1 085	1 357	1 405	1 260	664	603	3 155	3 220
Rannikko/Pohjanmaan rannikko								
231 Kaskinen-Kaskö	1	1	2	2	1	1	4	3
272 Kokkola-Karleby Rannikko	37	49	56	49	19	18	112	115
280 Korsnäs	28	37	69	60	24	22	121	118
287 Kristinestad-	80	106	221	193	52	49	354	347
288 Kronoby-Kruunupyy	75	98	100	84	38	37	213	220
440 Larsmo-Luoto	17	22	29	25	12	11	59	58
475 Malax-Maalahti	54	69	110	95	42	39	206	204
499 Korsholm-Mustasaari	96	123	257	223	72	64	425	410
545 Närpes-Närpiö	108	140	247	217	69	65	425	422
598 Jakobstad-Pietarsaari	8	10	13	11	6	6	28	28
599 Pedersöre-Pedersören kunta	95	124	112	95	52	47	259	266
893 Nykarleby-Uusikaarlepyy	82	106	127	109	50	45	259	260
905 Vaasa-Vasa	30	39	88	76	26	24	144	139
946 Vörå-Vöyri	83	107	151	131	59	54	294	292
Total	796	1 032	1 583	1 370	523	482	2 903	2 883
Lounais-Suomi								
019 Aura	8	12	16	14	3	3	28	29
050 Eura	74	103	125	110	32	32	232	245
051 Eurajoki	38	53	94	86	22	22	154	160
079 Harjavalta	12	16	24	22	6	7	43	45
099 Honkajoki	58	69	37	31	17	15	111	116
102 Huittinen	35	50	114	103	28	30	177	183
181 Jämijärvi	17	23	29	26	7	7	54	56
202 Kaarina	18	23	21	18	11	11	50	52
214 Kankaanpää	86	114	117	105	34	31	237	250
230 Karvia	77	95	38	32	22	21	137	149
271 Kokemäki	47	66	106	95	26	27	179	188
284 Koski T.I.	10	15	48	44	9	9	66	68
304 Kustavi	47	54	25	21	14	10	85	85
319 Köyliö	29	40	55	49	14	15	98	104
400 Laitila	75	102	103	90	28	27	206	219
413 Lavia	37	54	97	87	19	20	153	161
423 Lieto	23	32	42	37	9	9	74	77

Table 8b. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
430 Loimaa	41	59	186	171	41	44	268	274
442 Luvia	19	27	43	39	11	11	73	77
480 Marttila	16	23	41	38	8	8	66	69
481 Masku	23	31	26	23	10	9	60	63
484 Merikarvia	46	63	144	129	40	42	230	234
503 Mynämäki	68	95	124	109	27	27	219	231
529 Naantali	87	104	44	37	32	26	163	166
531 Nakkila	13	19	36	33	9	9	58	61
538 Nousiainen	25	35	46	40	9	9	79	84
561 Oripää	10	14	22	20	5	5	37	39
577 Paimio	31	41	44	39	16	15	91	96
608 Pomarkku	45	64	115	104	19	19	179	188
609 Pori	93	128	211	191	53	52	357	371
631 Pyhärinta	21	30	38	34	10	9	69	73
636 Pöytyä	93	132	176	158	40	40	310	330
680 Raisio	7	9	6	5	3	3	16	17
684 Rauma	74	99	113	101	30	29	217	229
704 Rusko	16	22	30	26	6	6	51	54
734 Salo	263	344	436	395	167	155	866	894
738 Sauvo	32	42	38	34	18	17	88	93
747 Siikainen	82	103	103	91	35	32	220	227
761 Somero	52	71	169	156	49	49	269	276
783 Säkyä	23	31	36	32	9	9	68	73
833 Taivassalo	30	35	16	14	10	8	56	57
838 Tarvasjoki	9	13	20	17	5	4	33	35
853 Turku-Abo	33	43	41	36	15	13	88	92
886 Ulvila	42	60	118	108	25	26	185	194
895 Uusikaupunki	95	119	91	80	34	29	220	228
918 Vehmaa	26	34	21	19	14	12	61	64
Total	2 107	2 811	3 624	3 252	1 051	1 014	6 783	7 076
Häme-Uusimaa								
016 Asikkala	56	78	188	176	59	61	304	315
018 Askola	18	24	34	31	14	14	66	69
061 Forssa	15	22	85	79	17	18	116	118
081 Hartola	67	94	176	164	68	67	311	325
082 Hattula	37	50	78	72	32	33	147	155
086 Hausjärvi	32	43	74	67	27	27	133	137
098 Hollola	38	53	132	124	40	41	211	217
103 Humppila	7	11	41	37	9	10	57	58
106 Hyvinkää	32	42	72	66	29	27	133	136
109 Hämeenlinna	194	266	616	575	172	176	982	1 017
111 Heinola	96	133	226	210	81	81	404	424
165 Janakkala	51	70	141	130	47	47	239	247
169 Jokioinen	8	12	58	54	11	11	76	77
186 Järvenpää	2	2	5	5	2	2	10	10
224 Karkkila	24	31	74	68	27	26	124	125
245 Kerava	2	3	5	4	2	2	9	9
283 Hämeenkoski	15	20	54	51	16	16	85	87
316 Kärkölä	17	23	47	43	18	18	81	84
398 Lahti	9	12	29	28	9	9	47	49
433 Loppi	63	84	176	163	61	60	300	306
444 Lohja	91	116	206	187	123	116	419	419
504 Myrskylä-Mörskom	14	19	29	27	13	13	57	59
505 Mäntsälä	49	65	131	121	43	43	222	228
532 Nastola	21	29	59	55	24	22	104	107
543 Nurmijärvi	23	30	54	49	28	27	105	106
560 Orimattila	51	69	116	107	51	50	218	226
576 Padasjoki	84	113	222	207	63	66	369	386
611 Pornainen	13	17	27	24	11	10	50	52
616 Pukkila	9	13	17	15	9	9	35	36
694 Riihimäki	9	12	26	24	10	10	44	45
781 Sysmä	83	115	229	214	80	81	392	409
834 Tammela	70	95	188	174	58	59	316	327
858 Tuusula	14	18	38	35	17	17	69	69
927 Vihti	57	73	128	116	59	55	244	245
981 Ypäjä	9	14	62	58	11	12	82	83
Total	1 381	1 870	3 841	3 559	1 341	1 334	6 563	6 762
Kaakkois-Suomi								
075 Hamina	61	82	132	123	33	34	226	239

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Municipality	1000 t							
142 Iitti	57	76	141	131	47	45	245	252
153 Imatra	15	21	37	36	12	12	64	69
285 Kotka	24	32	47	44	15	15	86	90
286 Kouvola	294	400	583	540	216	213	1 093	1 153
405 Lappeenranta	155	214	314	298	101	99	570	611
416 Lemi	24	33	47	45	17	16	88	95
441 Luumäki	84	115	169	158	54	53	307	327
489 Miehikkälä	45	61	106	100	25	25	175	186
580 Parikkala	71	99	97	93	58	57	227	249
624 Pyhtää-Pyttis	34	44	57	53	26	25	117	122
689 Rautjärvi	46	63	70	66	36	36	152	165
700 Ruokolahti	153	210	236	222	91	89	481	521
739 Savitaipale	85	116	101	93	48	49	234	258
831 Taipalsaari	60	82	51	48	34	33	145	163
935 Virolahti	40	53	80	75	20	20	140	148
Total	1 246	1 702	2 270	2 124	832	821	4 349	4 647
Pirkanmaa								
020 Akaa	19	27	79	73	18	19	115	119
108 Hämeenkyrö	31	44	108	98	31	33	171	174
143 Ikaalinen	66	89	160	144	42	42	268	275
177 Juupajoki	24	33	83	75	22	24	129	132
211 Kangasala	61	85	243	228	71	72	375	385
250 Kihniö	50	64	42	37	18	17	110	118
418 Lempäälä	17	25	96	89	23	25	136	139
508 Mänttä-Vilppula	54	77	175	161	42	44	271	282
536 Nokia	21	29	79	73	24	25	124	127
562 Orivesi	79	110	294	271	80	84	453	464
581 Parkano	104	132	101	88	39	38	244	259
604 Pirkkala	4	6	22	20	7	7	33	33
619 Punkalaidun	21	31	108	99	25	27	154	157
635 Pälkäne	72	100	231	216	60	61	363	378
702 Ruovesi	81	111	236	213	58	59	375	383
790 Sastamala	120	173	422	388	92	96	634	657
837 Tampere	42	58	188	174	45	47	275	279
887 Urjala	31	45	166	154	39	42	236	241
908 Valkeakoski	21	30	81	75	27	28	129	133
922 Vesilahti	23	33	132	124	28	30	183	186
936 Virrat	141	185	215	191	60	60	416	436
980 Ylöjärvi	124	166	304	273	81	84	509	522
Total	1 206	1 651	3 562	3 265	934	964	5 702	5 880
Etelä-Savo								
046 Enonkoski	51	71	96	90	37	38	184	200
090 Heinävesi	148	203	364	342	121	126	633	671
097 Hirvensalmi	72	101	120	111	60	60	253	272
171 Joroinen	58	83	152	144	56	56	265	283
178 Juva	167	236	343	323	123	123	633	682
213 Kangasniemi	161	226	296	274	110	108	567	608
491 Mikkeli	429	602	717	666	328	326	1 474	1 594
507 Mäntyharju	167	231	266	244	119	118	552	593
588 Pertunmaa	46	65	118	110	49	48	212	223
593 Pieksämäki	171	240	357	337	135	143	664	720
623 Puumala	160	218	133	122	85	85	378	425
681 Rantasalmi	71	102	143	136	59	59	273	297
740 Savonlinna	353	488	572	541	235	235	1 160	1 264
768 Sulkava	91	125	119	111	54	53	264	290
Total	2 145	2 991	3 795	3 552	1 573	1 579	7 513	8 121
Etelä-Pohjanmaa								
005 Alajärvi	104	133	99	85	44	45	247	264
010 Alavus	149	192	128	110	50	50	327	352
052 Evijärvi	31	40	35	29	14	15	81	84
074 Halsua	40	48	12	10	16	16	68	75
145 Ilmajoki	62	80	56	49	23	22	141	151
151 Isojoki	85	104	116	102	34	33	235	239
152 Isokyrö	29	37	32	28	17	16	77	81
164 Jalasjärvi	104	132	65	56	33	32	202	221
217 Kannus	42	54	40	33	22	23	104	109
218 Karijoki	22	28	40	35	11	10	73	73
232 Kauhajoki	165	201	109	94	51	48	326	344
233 Kauhava	132	170	109	94	52	50	293	313

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Municipality	1000 t							
236 Kaustinen	30	39	32	27	16	17	78	82
272 Kokkola-Karleby E-	98	125	110	92	44	44	252	262
300 Kuortane	64	83	53	46	22	22	139	151
301 Kurikka	102	132	130	114	46	44	278	289
399 Laihia	55	72	93	80	33	32	182	184
403 Lappajärvi	40	52	42	35	18	18	99	106
408 Lapua	81	105	72	63	30	29	183	197
421 Lestijärvi	43	54	30	25	22	22	95	101
584 Perho	71	88	33	28	27	28	132	144
743 Seinäjoki	144	184	109	95	61	59	314	338
759 Soini	53	68	62	53	27	28	142	149
846 Teuva	60	77	96	83	29	28	184	188
849 Toholampi	52	65	42	35	35	35	129	136
924 Veteli	38	49	38	32	20	21	96	103
934 Vimpeli	23	30	27	23	13	13	63	67
989 Ähtäri	90	119	130	115	43	45	264	279
Total	2 010	2 562	1 941	1 674	854	846	4 805	5 082
Keski-Suomi								
077 Hankasalmi	56	78	148	140	42	46	246	265
172 Joutsa	122	170	231	212	94	91	448	474
179 Jyväskylä	157	215	364	341	113	115	635	670
182 Jämsä	202	279	516	476	147	152	865	907
216 Kannonkoski	47	62	76	69	33	33	156	164
226 Karstula	86	111	130	115	52	53	268	280
249 Keuruu	134	185	277	253	78	80	488	518
256 Kinnula	51	64	47	41	24	25	122	130
265 Kivijärvi	52	67	58	51	25	26	135	143
275 Konnevesi	54	74	153	146	43	44	250	264
291 Kuhmoinen	97	133	281	262	80	81	458	476
312 Kyyjärvi	40	50	32	28	21	21	93	99
410 Laukaa	80	109	177	167	50	51	307	327
435 Luhanka	29	40	74	69	25	25	128	134
495 Multia	91	123	125	114	40	40	256	277
500 Muurame	18	24	50	47	15	15	83	87
592 Petäjävesi	63	87	121	113	35	35	218	234
601 Pihtipudas	101	128	140	125	63	63	305	316
729 Saarijärvi	134	182	255	232	88	88	477	503
850 Toivakka	59	81	109	101	37	37	205	219
892 Uurainen	40	56	79	72	23	24	143	153
931 Viitasaari	111	149	238	217	95	94	444	460
992 Äänekoski	102	145	257	246	69	67	428	457
Total	1 926	2 612	3 940	3 638	1 291	1 307	7 156	7 557
Pohjois-Savo								
140 Iisalmi	27	38	188	178	31	31	247	248
174 Juankoski	27	38	153	145	28	28	208	211
204 Kaavi	54	72	198	185	38	38	291	294
239 Keitele	41	56	99	91	33	33	173	180
263 Kiuruvesi	52	68	176	164	70	66	298	297
297 Kuopio	180	251	864	831	179	182	1 223	1 263
402 Lapinlahti	43	59	302	287	45	46	390	393
420 Leppävirta	123	172	421	403	126	131	670	706
476 Maaninka	21	29	150	145	25	26	196	199
595 Pielavesi	91	123	321	304	80	84	492	511
686 Rautalampi	49	67	120	114	36	40	205	221
687 Rautavaara	77	99	171	154	55	52	303	304
749 Siilinjärvi	18	26	128	124	20	21	167	170
762 Sonkajärvi	69	90	193	176	64	61	326	328
778 Suonenjoki	68	95	187	177	54	60	309	331
844 Tervo	25	35	102	98	27	28	154	161
857 Tuusniemi	46	64	224	216	46	47	316	327
915 Varkaus	53	74	138	133	45	46	235	253
921 Vesanto	36	49	120	115	32	32	187	196
925 Vieremä	44	58	120	110	45	44	210	212
Total	1 145	1 561	4 376	4 150	1 079	1 095	6 600	6 806
Pohjois-Karjala								
146 Ilomantsi	240	301	324	290	91	85	655	676
167 Joensuu	238	317	530	484	182	165	950	966
176 Juuka	138	177	311	280	92	87	542	545
260 Kitee	155	210	247	228	99	99	501	537

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Municipality	1000 t							
276 Kontiolahti	90	118	160	146	65	59	314	323
309 Outokumpu	41	54	99	94	28	27	168	175
422 Lieksa	414	515	612	547	184	176	1 210	1 238
426 Liperi	70	93	156	148	48	47	275	288
541 Nurmes	136	175	303	273	92	86	532	534
607 Polvijärvi	56	73	132	120	47	43	235	237
707 Rääkkylä	46	63	91	86	33	33	171	183
848 Tohmajärvi	84	112	163	149	53	49	301	310
911 Valtimo	48	62	129	117	44	40	221	220
Total	1 759	2 269	3 257	2 964	1 059	998	6 074	6 231
Kainuu								
105 Hyrynsalmi	121	152	269	235	70	63	459	450
205 Kajaani	102	130	163	144	77	76	342	351
290 Kuhmo	566	723	936	809	228	212	1 730	1 745
578 Paltamo	54	68	115	102	38	37	207	208
620 Puolanka	169	205	406	355	109	99	684	659
697 Ristijärvi	56	71	131	116	38	35	225	221
765 Sotkamo	181	232	446	405	130	125	757	761
777 Suomussalmi	550	658	956	806	252	216	1 758	1 681
785 Vaala	78	89	55	45	34	32	166	166
Total	1 878	2 328	3 477	3 018	974	895	6 329	6 241
Pohjois-Pohjanmaa								
009 Alavieska	25	32	35	29	15	15	75	76
069 Haapajärvi	63	80	91	78	48	49	202	207
071 Haapavesi	72	86	99	82	70	77	241	245
072 Hailuoto	25	28	8	6	10	9	42	43
208 Kalajoki	83	107	117	97	43	44	243	248
139 Ii	73	80	88	71	62	48	223	199
244 Kempele	7	9	6	5	5	4	18	18
305 Kuusamo	462	517	942	790	285	204	1 689	1 512
317 Kärsämäki	50	63	61	52	40	39	151	155
425 Liminka	43	50	19	15	27	25	90	90
436 Lumijoki	16	18	11	9	9	9	37	36
483 Merijärvi	25	32	39	32	19	20	83	84
494 Muhos	53	60	32	26	26	26	110	112
535 Nivala	39	50	69	59	34	36	142	144
563 Oulainen	53	66	78	64	48	51	179	182
564 Oulu	188	212	198	158	103	98	490	468
615 Pudasjärvi	304	332	541	448	188	151	1 033	932
625 Pyhäjoki	49	62	63	51	37	40	149	153
626 Pyhäsalmi	90	112	107	95	75	71	272	278
630 Pyhäntä	55	69	29	25	28	27	112	120
678 Raahe	88	107	106	87	63	66	256	259
691 Reisjärvi	44	56	54	47	28	29	127	132
746 Sievi	75	94	59	49	46	47	180	190
748 Siikajoki	89	105	57	45	52	49	199	199
791 Siikalatva	175	207	91	74	114	108	380	389
832 Taivalkoski	225	258	555	472	140	111	920	841
859 Tyrnävä	38	43	18	14	19	17	75	74
889 Utajärvi	93	103	62	50	39	38	194	190
977 Ylivieska	59	74	78	66	47	50	184	190
Total	2 662	3 113	3 714	3 096	1 720	1 558	8 096	7 767
Lapland								
047 Enontekiö	319	355	122	110	150	91	591	556
148 Inari	3 556	3 931	519	467	882	505	4 958	4 903
240 Kemi	1	1	18	15	10	9	29	26
241 Keminmaa	12	14	104	85	34	27	150	127
261 Kittilä	549	579	1 019	862	644	439	2 212	1 880
273 Kolari	157	159	195	149	102	78	454	386
320 Kemijärvi	342	322	201	160	160	107	702	589
498 Muonio	355	379	340	268	186	127	881	774
583 Pelkosenniemi	112	114	198	161	104	79	414	353
614 Posio	266	266	411	357	111	77	788	700
683 Ranua	164	165	264	213	123	93	551	470
698 Rovaniemi	511	529	756	598	364	271	1 631	1 398
732 Salla	494	541	1 159	965	344	238	1 997	1 745
742 Savukoski	744	786	1 062	886	433	278	2 239	1 950
751 Simo	42	45	134	109	49	36	225	190
758 Sodankylä	1 161	1 216	1 408	1 168	769	510	3 337	2 893

Table 8b. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land by Forest Centre regions.

Forest Centre region Municipality	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
	1000 t							
845 Tervola	28	29	172	142	53	39	254	211
851 Tornio	18	19	201	165	111	101	331	285
854 Pello	125	131	170	130	104	74	398	335
890 Utsjoki	38	41	0	0	19	10	57	51
976 Ylitornio	112	117	160	124	116	83	389	325
Total	9 106	9 739	8 615	7 134	4 867	3 273	22 588	20 145

Table 8c. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land available for wood supply by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
Åland												
035 Brändö	1	0	0	0	0	0	4	1	0	5	1	1
043 Eckerö	5	1	0	2	1	0	6	1	0	12	3	1
060 Finström	5	1	0	2	1	1	6	1	0	13	3	1
062 Föglö	5	1	0	1	0	0	4	1	0	10	2	1
065 Geta	2	1	0	1	0	0	2	0	0	5	1	1
076 Hammarland	6	1	0	2	1	1	7	1	0	15	3	2
170 Jomala	6	1	0	3	1	1	7	1	1	16	4	2
295 Kumlinge	2	0	0	0	0	0	3	1	0	5	1	1
318 Kökar	0	0	0	0	0	0	1	0	0	1	0	0
417 Lemland	6	1	0	2	1	1	7	1	1	15	3	2
438 Lumparland	1	0	0	1	0	0	1	0	0	3	1	0
478 Mariehamn-Maarianhamina	0	0	0	0	0	0	0	0	0	1	0	0
736 Saltvik	5	1	0	2	1	0	4	1	0	11	3	1
766 Sottunga	0	0	0	0	0	0	0	0	0	1	0	0
771 Sund	4	1	0	2	1	0	4	1	0	10	2	1
941 Vårdö	3	1	0	1	0	0	3	0	0	7	2	1
Total	52	12	4	20	7	5	60	11	4	131	30	14
Rannikko/Etelärannikko												
049 Espoo-Esbo	8	2	1	6	2	1	12	2	1	25	6	3
078 Hanko-Hangö	2	0	0	2	1	0	3	0	0	7	2	1
091 Helsinki-Helsingfors	3	1	0	3	1	1	7	1	0	13	3	1
092 Vantaa-Vanda	4	1	0	4	1	1	10	2	1	18	4	2
149 Ingå-Inkoo	12	3	1	8	3	2	16	3	1	36	8	4
235 Kauniainen-Grankulla	0	0	0	0	0	0	0	0	0	0	0	0
257 Kirkkonummi-Kyrkslätt	11	3	1	8	3	2	18	3	1	37	8	4
322 Kemiönsaari	16	4	1	9	3	2	9	2	1	34	8	4
407 Lapinjärvi-Lappträsk	15	3	1	7	2	2	17	3	1	38	8	4
434 Loviisa-Lovisa	59	12	4	27	8	6	44	7	3	129	27	13
445 Länsi-Turunmaa	19	4	2	9	3	2	15	3	1	43	10	5
638 Porvoo-Borgå	35	7	3	19	6	4	30	5	2	84	18	9
710 Raasepori	35	8	3	25	8	6	42	7	3	102	23	11
753 Sipoo-Sibbo	10	2	1	9	3	2	15	3	1	34	8	4
755 Siuntio-Sjundeå	7	1	1	6	2	1	15	2	1	28	6	3
Total	235	51	18	142	46	32	252	41	16	630	138	66
Rannikko/Pohjanmaan rannikko												
231 Kaskinen-Kaskö	1	0	0	0	0	0	1	0	0	2	0	0
272 Kokkola-Karleby Rannikko	26	6	2	7	3	2	12	2	1	45	11	5
280 Korsnäs	20	5	2	6	2	2	15	2	1	41	10	4
287 Kristinestad-	59	14	5	12	4	3	32	5	2	103	24	10
288 Kronoby-Kruunupyy	54	13	5	12	5	3	27	5	2	92	22	10
440 Larsmo-Luoto	11	3	1	4	1	1	6	1	0	21	5	2
475 Malax-Maalahti	38	9	3	13	5	3	31	5	2	81	19	9
499 Korsholm-Mustasaari	71	17	6	23	9	6	45	8	3	140	34	16
545 Närpes-Närpiö	86	21	7	23	8	6	48	8	4	158	37	17
598 Jakobstad-Pietarsaari	6	2	1	2	1	0	4	1	0	12	3	1
599 Pedersöre-Pedersören kunta	71	16	6	15	5	4	30	5	2	116	27	12
893 Nykarleby-Uusikaarlepyy	61	14	5	17	6	4	31	6	2	108	26	11
905 Vaasa-Vasa	22	5	2	8	3	2	19	3	1	49	11	5
946 Vörå-Vöyri	51	12	4	17	6	4	36	6	3	104	25	11
Total	577	138	49	158	58	41	337	59	24	1 072	254	114
Lounais-Suomi												
019 Aura	2	0	0	2	0	0	2	0	0	5	1	1
050 Eura	18	4	1	10	3	2	16	3	1	45	10	5
051 Eurajoki	12	3	1	9	3	2	11	2	1	32	7	4
079 Harjavalta	5	1	0	3	1	1	5	1	0	12	3	1
099 Honkajoki	9	2	1	2	1	0	5	1	0	16	4	1
102 Huittinen	14	3	1	9	3	2	23	3	1	46	10	5
181 Jämijärvi	10	2	1	3	1	1	6	1	0	19	4	2
202 Kaarina	4	1	0	2	0	0	4	1	0	9	2	1
214 Kankaanpää	39	9	3	9	3	2	20	3	1	68	16	7
230 Karvia	14	3	1	1	0	0	7	1	0	23	5	2
271 Kokemäki	15	3	1	11	3	2	25	4	2	50	10	5
284 Koski T.I.	4	1	0	3	1	1	7	1	0	14	3	1
304 Kustavi	5	1	0	2	1	0	3	1	0	10	2	1
319 Köyliö	7	2	1	4	1	1	8	1	1	19	4	2
400 Laitila	19	4	1	8	3	2	10	2	1	37	8	4
413 Lavia	27	6	2	11	4	3	10	2	1	48	12	6
423 Lieto	4	1	0	4	1	1	3	0	0	11	2	1
430 Loimaa	19	4	1	11	4	3	25	4	2	55	12	6
442 Luvia	9	2	1	6	2	1	6	1	0	21	5	2
480 Marttila	4	1	0	4	1	1	6	1	0	14	3	2
481 Masku	6	1	0	2	1	1	3	1	0	12	3	1
484 Merikarvia	30	7	2	11	4	3	28	5	2	70	15	7
503 Mynämäki	18	4	1	10	3	2	10	2	1	37	8	4
529 Naantali	8	2	1	3	1	1	5	1	0	15	3	2
531 Nakkila	6	1	1	5	1	1	5	1	0	16	4	2
538 Nousiainen	5	1	0	3	1	1	3	0	0	11	3	1

Table 8c. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land available for wood supply by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
561 Oripää	3	1	0	1	0	0	3	0	0	6	1	1
577 Paimio	6	1	0	3	1	1	5	1	0	15	3	2
608 Pomarkku	18	4	2	8	3	2	8	1	1	34	8	4
609 Pori	43	10	4	24	8	5	31	5	2	98	23	11
631 Pyhärinta	5	1	0	3	1	1	4	1	0	12	3	1
636 Pöytyä	19	4	1	9	3	2	20	3	1	48	10	5
680 Raisio	1	0	0	0	0	0	1	0	0	3	1	0
684 Rauma	18	4	1	10	3	2	14	2	1	41	9	5
704 Rusko	3	1	0	2	1	0	2	0	0	8	2	1
734 Salo	54	11	4	33	11	8	61	10	4	147	33	16
738 Sauvo	7	2	1	3	1	1	6	1	0	16	4	2
747 Siikainen	24	5	2	8	2	2	17	3	1	49	11	5
761 Somero	19	4	1	13	4	3	29	5	2	60	13	6
783 Säkyliä	5	1	0	2	1	0	5	1	0	12	3	1
833 Taivassalo	4	1	0	2	0	0	2	0	0	8	2	1
838 Tarvasjoki	2	0	0	2	1	0	2	0	0	6	1	1
853 Turku-Abo	5	1	0	3	1	1	3	1	0	11	3	1
886 Ulvila	19	4	1	13	4	3	16	3	1	48	11	6
895 Uusikaupunki	18	4	1	8	2	2	12	2	1	37	8	4
918 Vehmaa	7	2	1	3	1	1	4	1	0	14	3	1
Total	590	133	47	297	96	68	501	82	33	1 388	311	148
Häme-Uusimaa												
016 Asikkala	23	5	2	21	7	5	37	6	3	81	18	9
018 Askola	8	2	1	5	2	1	9	1	1	22	5	2
061 Forssa	7	1	0	5	2	1	8	1	1	20	4	2
081 Hartola	27	6	2	19	6	4	41	6	3	87	19	9
082 Hattula	11	2	1	15	5	4	28	4	2	54	12	6
086 Hausjärvi	10	2	1	10	3	2	18	3	1	38	8	4
098 Hollola	14	3	1	13	4	3	24	4	2	50	11	6
103 Humppila	4	1	0	3	1	1	3	1	0	10	2	1
106 Hyvinkää	10	2	1	10	3	2	17	3	1	37	8	4
109 Hämeenlinna	63	14	5	68	23	16	105	17	7	236	54	28
111 Heinola	42	9	3	20	7	5	41	7	3	103	22	11
165 Janakkala	16	4	1	18	6	4	32	5	2	66	15	8
169 Jokioinen	5	1	0	3	1	1	6	1	0	13	3	1
186 Järvenpää	0	0	0	0	0	0	1	0	0	2	0	0
224 Karkkila	9	2	1	9	3	2	18	3	1	36	8	4
245 Kerava	1	0	0	1	0	0	1	0	0	2	1	0
283 Hämeenkoski	5	1	0	5	2	1	10	2	1	20	4	2
316 Kärkölä	7	1	1	7	2	2	13	2	1	27	6	3
398 Lahti	3	1	0	2	1	1	6	1	0	10	2	1
433 Loppi	22	5	2	22	7	5	43	7	3	86	19	10
444 Lohja	31	7	2	29	10	7	79	13	5	139	30	15
504 Myrskylä-Mörskom	7	2	1	4	1	1	11	2	1	22	5	2
505 Mäntsälä	19	4	1	17	6	4	27	4	2	63	14	7
532 Nastola	13	3	1	8	2	2	20	3	1	40	9	4
543 Nurmijärvi	7	2	1	8	3	2	20	3	1	36	8	4
560 Orimattila	24	5	2	16	5	4	38	6	3	78	17	8
576 Padasjoki	23	5	2	19	6	4	24	4	2	66	15	8
611 Pornainen	5	1	0	5	2	1	8	1	1	18	4	2
616 Pukkila	5	1	0	4	1	1	7	1	0	15	3	2
694 Riihimäki	3	1	0	3	1	1	7	1	0	13	3	1
781 Sysmä	28	6	2	23	8	5	40	6	3	91	20	10
834 Tammela	24	5	2	22	8	5	37	6	2	83	19	9
858 Tuusula	4	1	0	5	2	1	11	2	1	20	4	2
927 Vihti	15	3	1	15	5	4	34	6	2	64	14	7
981 Ypäjä	5	1	0	2	1	1	5	1	0	12	3	1
Total	496	110	39	437	147	103	828	134	55	1 761	391	197
Kaakkois-Suomi												
075 Hamina	43	9	3	13	4	3	20	3	1	76	16	8
142 Iitti	29	6	2	14	4	3	30	5	2	73	16	7
153 Imatra	6	1	0	6	2	1	6	1	0	18	4	2
285 Kotka	21	4	1	6	2	1	10	2	1	37	8	4
286 Kouvola	161	34	12	58	19	14	113	18	8	332	71	33
405 Lappeenranta	81	17	6	42	14	10	54	9	4	176	40	20
416 Lemi	11	2	1	6	2	1	10	2	1	26	6	3
441 Luumäki	59	12	4	19	7	5	32	5	2	111	24	11
489 Miehikkälä	28	6	2	10	3	2	12	2	1	50	11	5
580 Parikkala	28	6	2	31	10	7	34	6	2	93	22	12
624 Pyhtää-Pyttis	28	6	2	11	3	2	17	3	1	56	12	5
689 Rautjärvi	18	4	1	16	5	4	18	3	1	52	12	6
700 Ruokolahti	64	14	5	36	12	8	42	7	3	141	33	16
739 Savitaipale	40	8	3	12	4	3	22	3	2	74	16	8
831 Taipalsaari	23	5	2	10	3	2	15	2	1	48	11	5
935 Virolahti	24	5	2	7	2	2	10	2	1	41	9	4
Total	663	139	50	296	98	69	445	72	31	1 405	309	151
Pirkanmaa												
020 Akaa	9	2	1	7	2	2	11	2	1	28	6	3

Table 8c. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land available for wood supply by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
108 Hämeenkyrö	23	5	2	17	5	4	19	3	1	58	14	7
143 Ikaalinen	45	11	4	23	7	5	25	4	2	93	22	11
177 Juupajoki	10	2	1	10	3	2	14	2	1	34	8	4
211 Kangasala	22	5	2	21	7	5	26	4	2	69	16	8
250 Kihniö	17	4	1	3	1	1	8	1	1	29	6	3
418 Lempäälä	7	1	1	8	3	2	9	1	1	25	6	3
508 Mänttä-Vilppula	34	7	3	16	6	4	25	4	2	75	17	8
536 Nokia	11	2	1	11	3	2	14	2	1	35	8	4
562 Orivesi	32	7	2	34	11	7	42	7	3	108	25	13
581 Parkano	55	13	5	10	3	2	22	4	1	86	20	8
604 Pirkkala	2	0	0	2	1	1	3	1	0	8	2	1
619 Punkalaidun	9	2	1	8	3	2	10	2	1	27	6	3
635 Pälkäne	18	4	1	22	7	5	29	5	2	68	16	8
702 Ruovesi	37	9	3	27	8	6	29	5	2	92	22	11
790 Sastamala	70	16	6	55	17	12	49	8	3	174	41	21
837 Tampere	20	4	2	22	7	5	23	4	2	64	15	8
887 Urjala	13	3	1	13	4	3	17	3	1	43	10	5
908 Valkeakoski	8	2	1	8	3	2	16	3	1	31	7	3
922 Vesilahti	7	1	1	9	3	2	10	2	1	26	6	3
936 Virrat	79	18	7	23	7	5	31	5	2	133	31	14
980 Ylöjärvi	59	14	5	35	11	8	40	6	3	133	31	15
Total	586	134	47	384	123	86	470	76	31	1 440	333	164
Etelä-Savo												
046 Enonkoski	16	3	1	14	5	3	18	3	1	48	11	6
090 Heinävesi	73	15	5	53	17	12	75	13	5	200	45	22
097 Hirvensalmi	28	6	2	14	5	3	37	6	2	79	17	8
171 Joroinen	34	7	3	26	9	6	40	7	3	101	23	12
178 Juva	78	16	6	44	15	10	73	12	5	195	43	22
213 Kangasniemi	77	17	6	31	11	7	64	10	4	172	38	18
491 Mikkeli	160	34	12	73	25	18	175	28	12	408	88	42
507 Mäntyharju	81	17	6	22	8	5	54	8	4	157	33	15
588 Pertunmaa	19	4	2	11	4	3	29	5	2	59	12	6
593 Pieksämäki	163	35	13	69	24	17	115	19	8	348	78	38
623 Puumala	59	12	5	18	6	4	28	5	2	105	23	11
681 Rantasalmi	26	6	2	25	8	6	38	6	3	89	20	11
740 Savonlinna	128	27	10	96	32	22	128	22	9	352	81	41
768 Sulkava	35	7	3	17	6	4	27	5	2	79	18	9
Total	978	208	76	513	174	121	901	149	63	2 392	531	260
Etelä-Pohjanmaa												
005 Alajärvi	67	16	6	5	2	1	23	4	2	95	22	9
010 Alavus	52	12	5	5	2	1	20	4	1	78	18	7
052 Evijärvi	24	5	2	4	1	1	12	2	1	40	9	4
074 Halsua	24	6	2	2	1	1	8	1	1	34	8	3
145 Ilmajoki	29	7	3	4	1	1	11	2	1	45	10	4
151 Isojoki	31	7	3	5	2	1	13	2	1	49	11	5
152 Isokyrö	18	4	2	4	1	1	8	1	1	30	7	3
164 Jalasjärvi	36	8	3	3	1	1	16	3	1	55	12	5
217 Kannus	32	7	3	4	1	1	14	3	1	50	11	5
218 Karijoki	17	4	1	2	1	1	5	1	0	24	6	2
232 Kauhajoki	71	17	6	8	3	2	23	4	2	101	23	10
233 Kauhava	77	18	6	10	4	3	31	6	2	118	27	11
236 Kaustinen	24	6	2	3	1	1	12	2	1	39	9	4
272 Kokkola-Karleby E-Pohjanmaa	73	17	6	12	5	3	34	6	2	119	27	12
300 Kuortane	29	7	3	2	1	1	10	2	1	41	9	4
301 Kurikka	65	16	6	11	4	3	26	5	2	103	24	11
399 Laihia	35	8	3	11	4	3	24	4	2	70	16	7
403 Lappajärvi	31	7	3	3	1	1	12	2	1	46	11	4
408 Lapua	44	10	4	5	2	1	15	3	1	64	15	6
421 Lestijärvi	30	7	3	4	2	1	14	3	1	48	11	5
584 Perho	46	11	4	5	2	1	14	3	1	65	15	6
743 Seinäjoki	67	16	6	8	3	2	28	5	2	103	24	10
759 Soini	33	8	3	4	2	1	14	2	1	51	12	5
846 Teuva	48	12	4	8	3	2	15	3	1	72	17	7
849 Toholampi	30	7	3	5	2	1	19	3	1	55	13	5
924 Veteli	29	7	2	3	1	1	13	2	1	45	10	4
934 Vimpeli	17	4	2	2	1	1	8	1	1	27	6	3
989 Ähtäri	49	11	4	8	3	2	21	4	2	78	18	8
Total	1 129	264	96	152	56	40	464	82	33	1 744	403	169
Keski-Suomi												
077 Hankasalmi	50	11	4	23	8	6	38	6	3	110	25	12
172 Joutsa	54	12	4	26	9	6	55	9	4	135	30	14
179 Jyväskylä	58	13	5	35	12	8	60	10	4	154	35	17
182 Jämsä	85	19	7	52	17	12	79	13	5	216	49	24
216 Kannonkoski	37	8	3	9	3	2	17	3	1	63	15	7
226 Karstula	60	14	5	11	4	3	27	5	2	97	22	9
249 Keuruu	95	21	8	30	10	7	48	8	3	172	40	18
256 Kinnula	35	8	3	6	2	2	15	3	1	55	13	5
265 Kivijärvi	36	8	3	6	2	2	14	3	1	57	13	6

Table 8c. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land available for wood supply by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
275 Konnevesi	24	5	2	16	6	4	39	7	3	80	18	9
291 Kuhmoinen	30	7	2	22	7	5	34	6	2	87	20	10
312 Kyyjärvi	30	7	2	4	2	1	12	2	1	46	11	4
410 Laukaa	32	7	3	19	6	4	35	6	2	86	19	9
435 Luhanka	10	2	1	8	3	2	13	2	1	31	7	4
495 Multia	55	12	4	11	4	3	25	5	2	91	20	9
500 Muurame	6	1	0	5	2	1	8	1	1	19	4	2
592 Petäjävesi	29	6	2	10	3	2	19	3	1	58	13	6
601 Pihtipudas	78	18	6	20	7	5	42	8	3	140	33	14
729 Saarijärvi	90	20	7	22	8	6	45	8	4	156	36	16
850 Toivakka	22	5	2	10	3	2	18	3	1	50	11	5
892 Uurainen	21	5	2	7	2	2	14	2	1	41	10	4
931 Viitasaari	102	22	8	29	10	7	60	11	5	191	44	20
992 Äänekoski	52	12	4	24	8	6	46	8	4	122	28	14
Total	1 090	242	87	404	140	98	764	132	54	2 258	514	238
Pohjois-Savo												
140 Iisalmi	55	12	4	39	15	10	82	14	6	176	41	20
174 Juankoski	31	7	2	19	7	5	41	7	3	92	21	10
204 Kaavi	60	13	5	32	12	8	55	10	4	147	35	17
239 Keitele	43	9	3	16	6	4	26	5	2	85	19	9
263 Kiuruvesi	75	17	6	45	17	13	132	22	8	252	57	27
297 Kuopio	153	33	12	118	42	29	209	36	14	480	112	56
402 Lapinlahti	82	18	6	54	20	14	108	19	8	244	57	28
420 Leppävirta	83	18	7	63	21	15	96	17	6	242	55	28
476 Maaninka	31	7	2	23	8	6	39	7	3	93	22	11
595 Pielavesi	90	19	7	51	18	13	102	17	7	243	55	27
686 Rautalampi	55	12	4	31	11	8	52	9	4	138	31	16
687 Rautavaara	118	27	10	38	14	10	76	14	5	232	55	25
749 Siilinjärvi	21	4	2	18	7	5	29	5	2	68	16	8
762 Sonkajärvi	135	31	11	50	19	13	124	22	9	308	72	33
778 Suonenjoki	76	16	6	35	12	9	62	11	4	173	39	19
844 Tervo	26	6	2	18	6	5	38	6	3	82	18	9
857 Tuusniemi	29	6	2	31	10	7	45	8	3	105	25	12
915 Varkaus	22	5	2	20	7	5	26	5	2	69	16	8
921 Vesanto	25	5	2	16	6	4	30	5	2	70	16	8
925 Vieremä	63	15	5	29	11	8	77	13	5	169	39	18
Total	1 272	281	101	746	269	190	1 449	251	99	3 467	801	390
Pohjois-Karjala												
146 Ilomantsi	292	63	22	47	16	11	111	20	8	449	99	42
167 Joensuu	175	38	14	77	26	18	154	26	11	406	90	42
176 Juuka	175	40	14	66	23	17	104	19	8	345	82	38
260 Kitee	73	16	6	52	17	12	65	11	5	190	44	22
276 Kontiolahti	66	14	5	29	10	7	60	10	4	154	34	16
309 Outokumpu	31	7	2	22	8	5	28	5	2	81	19	9
422 Lieksa	360	82	29	95	34	24	220	39	16	675	155	69
426 Liperi	43	9	3	33	11	8	44	8	3	121	28	14
541 Nurmes	174	42	15	68	25	18	136	25	10	378	91	42
607 Polvijärvi	69	15	5	32	11	8	54	10	4	155	36	17
707 Rääkkylä	23	5	2	17	6	4	25	4	2	65	15	8
848 Tohmajärvi	63	14	5	24	8	5	41	7	3	128	28	13
911 Valtimo	86	20	7	36	14	10	70	13	5	192	47	22
Total	1 631	364	129	597	209	146	1 112	196	79	3 341	768	354
Kainuu												
105 Hyrynsalmi	127	34	12	24	10	7	78	15	6	228	59	25
205 Kajaani	141	34	12	40	16	11	110	20	7	291	70	30
290 Kuhmo	451	117	42	78	30	21	249	48	19	777	195	81
578 Paltamo	85	22	8	23	9	6	57	11	4	166	41	18
620 Puolanka	183	50	18	34	14	10	130	25	10	347	89	37
697 Ristijärvi	77	20	7	21	8	6	59	11	4	156	39	17
765 Sotkamo	247	62	22	85	33	23	196	36	14	528	130	58
777 Suomussalmi	415	122	43	60	25	18	203	43	17	677	189	78
785 Vaala	73	18	6	9	4	3	48	9	3	130	31	13
Total	1 797	479	170	373	146	102	1 130	217	84	3 300	842	356
Pohjois-Pohjanmaa												
009 Alavieska	14	3	1	2	1	1	8	1	1	24	6	2
069 Haapajärvi	51	12	4	13	5	4	34	6	2	98	22	10
071 Haapavesi	59	13	5	17	7	5	54	9	4	131	29	13
072 Hailuoto	10	2	1	1	0	0	12	2	1	23	5	2
208 Kalajoki	70	16	6	10	4	3	28	5	2	109	26	11
139 Ii	121	32	12	25	10	7	77	16	6	223	57	25
244 Kempele	7	2	1	1	0	0	5	1	0	13	3	1
305 Kuusamo	245	81	28	37	16	12	130	33	13	411	131	53
317 Kärsämäki	42	10	3	11	4	3	31	5	2	84	19	8
425 Liminka	40	9	3	6	2	1	28	5	2	73	16	7
436 Lumijoki	17	4	2	2	1	1	11	2	1	31	7	3
483 Merijärvi	12	3	1	4	1	1	12	2	1	28	6	3
494 Muhos	50	12	4	4	2	1	21	4	2	76	17	7
535 Nivala	21	5	2	6	2	2	18	3	1	45	10	5

Table 8c. The biomass of the tree compartments available for energy wood by tree species in young thinning stands on forest land available for wood supply by Forest Centre regions. Stands with proposed cutting for the first 5-year period selected. The assessed removal by plot stand based on regional thinning regimes

Forest Centre region	Pine			Spruce			Broadleaved			All tree species		
	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage	Stem including bark	Branches	Foliage
Municipality	1000 t											
563 Oulainen	29	7	2	9	3	2	30	5	2	69	15	7
564 Oulu	270	68	25	42	17	12	140	27	11	453	113	48
615 Pudasjärvi	491	140	50	66	28	20	185	40	16	742	208	86
625 Pyhäjoki	38	9	3	7	3	2	26	4	2	71	16	7
626 Pyhäsalmi	75	17	6	31	12	8	83	14	5	190	43	20
630 Pyhäntä	44	10	4	7	3	2	27	5	2	79	18	8
678 Raahe	67	15	5	12	5	3	48	8	3	127	28	12
691 Reisjärvi	32	7	3	6	2	2	17	3	1	55	13	5
746 Sievi	43	10	4	8	3	2	24	4	2	76	17	7
748 Siikajoki	90	21	8	13	5	3	55	9	4	158	35	15
791 Siikalatva	152	35	13	23	9	6	107	19	7	283	63	26
832 Taivalkoski	151	47	16	26	11	8	68	16	6	245	74	30
859 Tyrnävä	35	8	3	4	1	1	17	3	1	56	12	5
889 Utajärvi	109	27	10	10	4	3	45	9	3	164	40	16
977 Ylivieska	29	7	2	8	3	2	27	5	2	64	14	6
Total	2 415	634	227	414	164	118	1 371	266	105	4 200	1 063	450
Lapland												
047 Enontekiö	5	2	1	0	0	0	0	0	0	5	2	1
148 Inari	51	17	6	0	0	0	5	2	1	56	19	6
240 Kemi	10	3	1	7	3	2	8	2	1	26	8	4
241 Keminmaa	62	18	7	53	21	15	70	15	6	184	54	27
261 Kittilä	169	53	19	25	10	7	56	14	6	250	77	32
273 Kolari	124	41	15	20	9	6	59	13	6	203	63	27
320 Kemijärvi	189	59	23	20	9	7	57	14	6	266	82	35
498 Muonio	16	6	2	1	0	0	3	1	0	20	7	3
583 Pelkosenniemi	90	31	11	15	6	4	39	10	4	144	46	19
614 Posio	118	38	13	19	9	6	43	11	4	181	57	23
683 Ranua	225	68	25	37	15	11	93	20	8	355	104	44
698 Rovaniemi	381	114	42	132	52	37	253	58	22	766	224	102
732 Salla	179	63	22	33	15	11	95	24	10	307	101	43
742 Savukoski	82	27	10	15	7	5	45	11	5	142	46	21
751 Simo	93	26	10	35	14	10	74	16	6	201	55	26
758 Sodankylä	167	53	19	19	8	6	54	13	6	240	75	31
845 Tervola	87	24	9	76	30	21	116	24	9	279	78	39
851 Tornio	73	21	8	79	31	22	146	30	12	298	83	42
854 Pello	152	45	16	48	20	15	96	21	8	296	87	39
890 Utsjoki	18	9	3	0	0	0	1	1	0	20	9	3
976 Ylitornio	143	40	15	72	28	21	137	30	11	352	99	46
Total	2 433	758	276	706	287	207	1 451	330	130	4 589	1 375	613

Table 8d. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
Åland								
035 Brändö	15	17	8	7	10	7	33	30
043 Eckerö	23	27	14	12	10	7	48	47
060 Finström	23	27	16	14	11	8	50	49
062 Föglö	39	44	21	18	14	10	74	72
065 Geta	14	16	8	7	5	4	27	27
076 Hammarland	27	32	17	14	12	9	56	55
170 Jomala	25	30	18	16	13	10	57	55
295 Kumlinge	20	22	8	7	8	6	37	35
318 Kökar	4	4	2	2	2	1	8	8
417 Lemland	23	27	16	13	13	9	51	49
438 Lumparland	10	11	6	5	3	2	19	19
478 Mariehamn-Maarianhamina	1	2	1	1	1	0	3	3
736 Saltvik	28	33	17	15	10	7	56	55
766 Sottunga	4	5	2	2	2	1	8	7
771 Sund	24	28	15	13	10	7	49	48
941 Vårdö	24	28	14	12	7	5	45	45
Total	305	352	182	155	132	96	620	603
Rannikko/Etelärannikko								
049 Espoo-Esbo	31	40	62	56	27	25	120	121
078 Hanko-Hangö	27	33	24	22	13	12	64	67
091 Helsinki-Helsingfors	15	19	34	31	15	14	64	64
092 Vantaa-Vanda	12	16	34	31	19	18	65	65
149 Ingå-Inkoo	50	63	93	84	41	37	184	184
235 Kauniainen-Grankulla	0	1	1	1	0	0	2	2
257 Kirkkonummi-Kyrkslätt	46	57	77	69	37	34	159	160
322 Kemiönsaari	147	181	109	96	56	49	312	326
407 Lapinjärvi-Lappträsk	25	34	59	55	24	22	108	111
434 Loviisa-Lovisa	86	113	139	126	64	62	288	300
445 Länsi-Turunmaa	247	293	136	115	97	80	480	487
638 Porvoo-Borgå	73	94	108	97	44	44	225	235
710 Raasepori	195	248	289	260	133	120	617	628
753 Sipoo-Sibbo	35	45	86	79	28	26	148	150
755 Siuntio-Sjundeå	23	29	43	39	26	24	92	91
Total	1 012	1 266	1 293	1 159	624	567	2 928	2 991
Rannikko/Pohjanmaan rannikko								
231 Kaskinen-Kaskö	1	1	2	2	1	1	4	3
272 Kokkola-Karleby Rannikko	36	47	53	47	18	17	107	110
280 Korsnäs	26	34	63	55	22	20	111	109
287 Kristinestad-	80	105	219	191	52	49	351	344
288 Kronoby-Kruunupyy	75	98	100	84	38	37	212	219
440 Larsmo-Luoto	16	20	26	22	10	9	52	52
475 Malax-Maalathi	53	68	109	94	41	38	203	201
499 Korsholm-Mustasaari	89	115	237	206	66	59	392	380
545 Närpes-Närpiö	107	138	242	212	68	64	417	414
598 Jakobstad-Pietarsaari	8	10	13	11	6	6	27	27
599 Pedersöre-Pedersören kunta	95	124	111	94	52	47	258	265
893 Nykarleby-Uusikaarlepyy	80	104	124	106	49	44	253	254
905 Vaasa-Vasa	29	37	79	68	25	23	132	128
946 Vörå-Vöyri	80	103	140	121	56	51	276	275
Total	775	1 004	1 517	1 312	505	465	2 796	2 782
Lounais-Suomi								
019 Aura	8	11	16	14	3	3	27	29
050 Eura	73	101	121	107	32	32	225	239
051 Eurajoki	36	50	87	80	20	20	143	149
079 Harjavalta	12	16	24	22	6	7	42	45
099 Honkajoki	56	67	35	30	16	14	107	112
102 Huittinen	35	49	114	103	27	30	176	181
181 Jämijärvi	17	23	28	26	7	7	53	56
202 Kaarina	17	22	19	17	11	10	46	48
214 Kankaanpää	85	113	116	104	34	31	235	248
230 Karvia	72	90	36	30	21	21	129	141
271 Kokemäki	46	65	105	94	26	27	177	187
284 Koski T.I.	10	15	47	44	9	9	66	68
304 Kustavi	45	52	24	20	13	10	83	82
319 Köyliö	29	40	55	49	14	15	98	104
400 Laitila	74	101	101	89	28	26	203	216
413 Lavia	37	53	95	86	19	20	151	159
423 Lieto	23	31	42	37	9	9	74	77

Table 8d. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
430 Loimaa	40	58	184	169	40	44	265	271
442 Luvia	19	26	42	39	10	10	71	75
480 Marttila	16	22	41	38	8	8	65	69
481 Masku	23	30	26	22	10	9	58	61
484 Merikarvia	44	61	140	125	39	41	223	227
503 Mynämäki	67	93	122	106	26	26	215	226
529 Naantali	85	101	43	35	31	25	158	162
531 Nakkila	13	18	35	33	9	9	58	60
538 Nousiainen	24	33	44	39	9	8	76	80
561 Oripää	10	14	22	20	5	5	36	38
577 Paimio	30	40	43	39	15	14	89	93
608 Pomarkku	44	63	113	103	19	19	176	185
609 Pori	89	124	204	185	50	50	344	358
631 Pyhäranta	21	29	38	34	9	9	69	72
636 Pöytyä	90	127	172	153	39	39	301	320
680 Raisio	6	8	6	5	3	2	15	16
684 Rauma	72	97	110	98	29	28	211	223
704 Rusko	15	21	28	25	6	5	49	51
734 Salo	256	336	425	384	163	152	845	872
738 Sauvo	32	42	38	34	18	17	88	92
747 Siikainen	81	102	102	90	34	31	217	223
761 Somero	50	69	164	152	48	48	263	270
783 Säkyä	21	29	34	30	8	9	63	68
833 Taivassalo	30	35	16	14	10	8	56	57
838 Tarvasjoki	9	13	19	17	5	4	33	35
853 Turku-Abo	30	40	38	34	13	11	81	85
886 Ulvila	41	59	116	106	25	26	182	191
895 Uusikaupunki	92	116	89	78	33	28	214	222
918 Vehmaa	26	34	21	18	14	12	61	64
Total	2 053	2 740	3 540	3 176	1 025	989	6 618	6 905
Häme-Uusimaa								
016 Asikkala	55	76	186	174	59	60	300	310
018 Askola	18	24	34	31	14	14	66	69
061 Forssa	15	22	84	78	16	17	115	117
081 Hartola	66	92	174	162	66	66	307	320
082 Hattula	36	48	76	70	31	32	142	150
086 Hausjärvi	32	43	74	67	27	27	132	137
098 Hollola	38	52	130	122	40	40	207	214
103 Humppila	7	11	41	37	9	10	57	58
106 Hyvinkää	30	40	68	62	27	26	125	128
109 Hämeenlinna	187	256	588	548	167	171	941	975
111 Heinola	93	129	219	204	79	79	392	411
165 Janakkala	50	68	140	128	46	46	236	243
169 Jokioinen	8	12	57	53	11	11	75	76
186 Järvenpää	2	2	5	5	2	2	9	9
224 Karkkila	23	30	71	66	27	26	121	122
245 Kerava	2	3	5	4	2	2	9	9
283 Hämeenkoski	14	20	54	51	16	16	84	87
316 Kärkölä	17	23	45	42	18	18	79	82
398 Lahti	8	11	26	25	9	8	43	45
433 Loppi	60	79	166	153	58	57	284	289
444 Lohja	89	113	200	182	120	114	409	409
504 Myrskylä-Mörskom	14	19	29	27	13	13	57	59
505 Mäntsälä	47	63	126	117	42	42	216	222
532 Nastola	21	28	58	54	23	22	102	104
543 Nurmijärvi	22	29	53	48	28	26	104	104
560 Orimattila	51	68	115	106	51	50	217	224
576 Padasjoki	78	106	207	193	60	63	345	362
611 Pornainen	13	17	26	24	11	10	50	51
616 Pukkila	9	12	16	15	9	8	34	36
694 Riihimäki	8	11	25	23	10	9	42	43
781 Sysmä	81	112	226	210	79	79	386	402
834 Tammela	64	87	171	158	54	55	290	300
858 Tuusula	14	18	37	34	17	16	68	69
927 Vihti	47	61	107	97	54	51	208	208
981 Ypäjä	9	14	62	57	11	12	81	82
Total	1 329	1 800	3 700	3 428	1 305	1 299	6 335	6 527
Kaakkois-Suomi								
075 Hamina	60	81	130	121	33	33	222	235

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Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
142 Iitti	56	75	139	129	47	45	241	249
153 Imatra	15	21	37	36	12	12	64	69
285 Kotka	23	30	45	42	14	15	82	87
286 Kouvola	284	386	562	521	210	207	1 055	1 114
405 Lappeenranta	153	211	310	293	100	98	562	603
416 Lemi	24	33	47	45	17	16	87	94
441 Luumäki	83	114	166	155	53	53	302	322
489 Miehikkälä	44	61	105	99	25	25	174	185
580 Parikkala	70	98	96	92	57	56	224	245
624 Pyhtää-Pyttis	32	42	54	50	25	24	111	116
689 Rautjärvi	45	63	70	66	36	36	151	164
700 Ruokolahti	152	209	235	220	91	88	477	517
739 Savitaipale	83	113	98	91	47	48	228	251
831 Taipalsaari	58	80	50	47	32	32	141	159
935 Virolahti	40	53	79	74	20	20	138	147
Total	1 221	1 668	2 223	2 081	818	807	4 262	4 556
Pirkanmaa								
020 Akaa	18	27	77	71	18	19	113	117
108 Hämeenkyrö	31	43	108	98	31	32	170	173
143 Ikaalinen	63	85	152	137	41	40	255	262
177 Juupajoki	24	33	83	75	22	24	128	132
211 Kangasala	60	84	238	223	69	70	367	377
250 Kihniö	50	64	42	37	17	17	110	118
418 Lempäälä	17	25	94	88	23	25	135	138
508 Mänttä-Vilppula	53	74	167	154	41	43	261	271
536 Nokia	20	28	76	70	23	24	119	122
562 Orivesi	78	108	290	267	79	82	447	457
581 Parkano	101	128	97	85	38	38	237	251
604 Pirkkala	4	6	21	20	6	7	31	32
619 Punkalaidun	21	30	107	99	25	27	153	156
635 Pälkäne	71	99	230	215	60	61	361	376
702 Ruovesi	69	94	202	183	52	54	323	330
790 Sastamala	119	172	419	386	92	96	630	654
837 Tampere	41	57	184	170	45	46	270	274
887 Urjala	30	44	162	150	39	41	230	235
908 Valkeakoski	20	29	78	73	26	27	125	129
922 Vesilahti	23	33	131	123	28	30	182	186
936 Virrat	139	182	211	188	60	59	410	429
980 Ylöjärvi	114	153	276	247	78	81	469	481
Total	1 166	1 597	3 446	3 159	913	943	5 525	5 699
Etelä-Savo								
046 Enonkoski	40	56	80	76	30	31	151	164
090 Heinävesi	138	189	340	320	114	119	593	628
097 Hirvensalmi	65	91	110	102	55	55	230	247
171 Joroinen	57	81	147	139	55	55	258	275
178 Juva	161	229	335	316	120	120	617	665
213 Kangasniemi	157	221	291	269	108	106	556	597
491 Mikkeli	417	586	701	652	321	319	1 439	1 556
507 Mäntyharju	164	227	261	239	118	117	543	583
588 Pertunmaa	45	65	117	109	48	48	210	221
593 Pieksämäki	168	235	351	331	133	141	652	707
623 Puumala	150	204	125	114	80	81	355	399
681 Rantasalmi	61	87	127	122	52	52	240	260
740 Savonlinna	324	448	532	504	219	219	1 075	1 171
768 Sulkava	88	122	115	107	53	52	256	281
Total	2 036	2 841	3 633	3 400	1 508	1 514	7 176	7 754
Etelä-Pohjanmaa								
005 Alajärvi	104	133	99	85	44	45	247	264
010 Alavus	148	191	128	110	50	50	326	352
052 Evijärvi	31	40	35	29	14	15	81	84
074 Halsua	40	48	12	10	16	16	68	74
145 Ilmajoki	62	80	55	49	23	22	141	151
151 Isojoki	79	98	113	99	33	32	226	229
152 Isokyrö	29	36	32	28	17	16	77	81
164 Jalasjärvi	104	132	65	56	33	32	202	221
217 Kannus	42	53	39	33	22	23	103	109
218 Karijoki	22	28	40	35	11	10	72	73
232 Kauhajoki	155	190	107	92	50	47	312	329
233 Kauhava	131	169	108	93	52	50	292	311

Table 8d. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
236 Kaustinen	30	39	32	27	16	17	78	82
272 Kokkola-Karleby E-	95	121	107	90	43	43	245	255
300 Kuortane	64	83	53	46	22	22	139	151
301 Kurikka	101	131	130	113	46	44	277	288
399 Laihia	55	71	92	80	33	31	180	182
403 Lappajärvi	40	52	42	35	18	18	99	105
408 Lapua	81	104	71	63	30	29	182	196
421 Lestijärvi	41	51	27	23	21	21	90	96
584 Perho	65	81	30	26	26	26	121	132
743 Seinäjoki	143	183	108	95	61	59	312	337
759 Soini	53	68	61	53	27	28	141	148
846 Teuva	59	76	95	83	28	28	183	187
849 Toholampi	51	64	42	35	34	35	127	134
924 Veteli	37	48	38	32	20	21	95	101
934 Vimpeli	23	30	27	23	13	13	63	66
989 Ähtäri	90	118	129	113	43	45	261	277
Total	1 974	2 520	1 920	1 657	845	837	4 739	5 013
Keski-Suomi								
077 Hankasalmi	56	78	147	139	42	46	244	263
172 Joutsa	113	158	219	201	88	86	420	444
179 Jyväskylä	153	209	354	331	110	112	618	653
182 Jämsä	198	273	503	465	145	150	846	888
216 Kannonkoski	46	61	74	67	32	33	152	161
226 Karstula	85	110	129	114	52	53	265	277
249 Keuruu	132	182	271	248	77	79	479	508
256 Kinnula	49	61	46	40	24	25	118	126
265 Kivijärvi	47	61	54	47	24	24	125	132
275 Konnevesi	51	71	146	139	41	42	239	252
291 Kuhmoinen	88	121	246	230	73	74	407	424
312 Kyyjärvi	39	49	32	27	20	20	91	97
410 Laukaa	79	108	176	166	49	50	304	324
435 Luhanka	27	38	72	67	24	24	123	129
495 Multia	90	122	123	112	40	40	252	273
500 Muurame	16	22	44	42	13	14	74	77
592 Petäjävesi	63	86	121	112	34	34	217	233
601 Pihtipudas	97	123	136	121	62	62	295	306
729 Saarijärvi	130	176	245	223	86	86	461	485
850 Toivakka	56	78	106	98	36	36	198	212
892 Uurainen	40	56	79	72	23	24	142	152
931 Viitasaari	109	147	235	214	94	93	437	453
992 Äänekoski	101	142	251	241	68	66	420	448
Total	1 865	2 530	3 808	3 515	1 257	1 273	6 929	7 318
Pohjois-Savo								
140 Iisalmi	27	38	187	178	31	31	246	247
174 Juankoski	27	37	151	144	28	28	206	208
204 Kaavi	53	70	193	180	37	37	284	287
239 Keitele	41	55	98	90	32	33	171	179
263 Kiuruvesi	51	67	174	161	69	65	294	293
297 Kuopio	173	241	830	799	173	176	1 176	1 215
402 Lapinlahti	41	57	295	281	44	45	381	384
420 Leppävirta	118	165	406	389	121	126	645	680
476 Maaninka	21	29	149	143	25	25	195	198
595 Pielavesi	90	122	318	302	79	83	488	507
686 Rautalampi	45	61	111	105	33	37	188	204
687 Rautavaara	68	88	155	139	51	48	273	274
749 Siilinjärvi	18	25	127	123	20	20	165	168
762 Sonkajärvi	67	88	187	171	62	60	317	319
778 Suonenjoki	65	91	183	173	53	58	301	322
844 Tervo	24	33	98	94	26	28	148	155
857 Tuusniemi	44	62	219	211	45	45	308	318
915 Varkaus	49	70	132	127	42	44	224	241
921 Vesanto	36	49	119	113	31	32	186	194
925 Vieremä	42	55	114	104	44	43	200	202
Total	1 101	1 503	4 246	4 027	1 048	1 064	6 395	6 594
Pohjois-Karjala								
146 Ilomantsi	214	267	279	250	83	77	575	594
167 Joensuu	234	311	519	474	179	163	932	948
176 Juuka	134	171	300	270	90	85	523	526
260 Kitee	153	208	246	227	98	98	498	533

Table 8d. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land available for wood supply by Forest Centre regions.

Forest Centre region	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
Municipality	1000 t							
276 Kontiolahti	86	112	150	138	62	56	298	306
309 Outokumpu	40	53	97	92	27	27	165	172
422 Lieksa	346	429	506	452	163	155	1 015	1 036
426 Liperi	69	91	153	145	47	46	269	282
541 Nurmes	121	154	263	237	85	80	469	471
607 Polvijärvi	55	72	130	118	46	43	231	233
707 Rääkkylä	46	62	90	85	33	32	168	180
848 Tohmajärvi	84	112	162	148	53	49	299	308
911 Valtimo	44	57	114	103	42	38	200	199
Total	1 626	2 100	3 009	2 740	1 008	950	5 643	5 789
Kainuu								
105 Hyrynsalmi	100	124	196	170	59	53	355	347
205 Kajaani	98	124	155	137	75	74	328	336
290 Kuhmo	434	552	635	546	178	165	1 247	1 263
578 Paltamo	54	68	114	101	38	37	205	205
620 Puolanka	142	169	256	219	91	83	488	471
697 Ristijärvi	53	68	126	111	37	34	216	213
765 Sotkamo	159	204	380	345	121	115	660	664
777 Suomussalmi	451	538	724	608	209	179	1 384	1 325
785 Vaala	76	86	54	45	33	32	163	162
Total	1 565	1 933	2 640	2 282	841	771	5 046	4 987
Pohjois-Pohjanmaa								
009 Alavieska	25	32	35	29	15	15	74	76
069 Haapajärvi	63	80	90	77	48	49	201	206
071 Haapavesi	71	86	98	81	70	76	239	243
072 Hailuoto	23	26	7	6	9	9	39	40
208 Kalajoki	80	103	111	91	41	43	232	237
139 Ii	71	78	86	70	61	47	219	195
244 Kempele	7	9	6	5	5	4	18	18
305 Kuusamo	364	405	728	610	240	168	1 332	1 183
317 Kärsämäki	50	63	61	52	40	39	150	154
425 Liminka	40	46	19	15	26	24	85	85
436 Lumijoki	15	17	11	9	9	9	35	35
483 Merijärvi	25	32	38	32	19	20	82	84
494 Muhos	51	58	31	25	25	25	107	109
535 Nivala	39	50	69	59	34	36	142	144
563 Oulainen	53	66	77	64	48	51	178	181
564 Oulu	185	208	194	155	102	97	481	460
615 Pudasjärvi	262	284	407	334	153	124	823	741
625 Pyhäjoki	48	61	62	51	37	39	147	151
626 Pyhäsalmi	89	110	103	92	74	70	266	272
630 Pyhäntä	53	65	25	21	27	26	104	113
678 Raahe	87	106	104	85	62	65	254	257
691 Reisjärvi	43	55	53	46	28	29	124	130
746 Sievi	75	94	58	49	46	47	179	189
748 Siikajoki	86	102	54	42	50	47	190	191
791 Siikalatva	171	202	91	73	112	107	374	383
832 Taivalkoski	187	213	423	358	113	89	724	660
859 Tyrnävä	38	43	18	14	19	17	75	74
889 Utajärvi	89	98	60	48	38	37	187	183
977 Ylivieska	58	74	78	66	47	50	184	190
Total	2 448	2 866	3 198	2 656	1 599	1 459	7 246	6 982
Lapland								
047 Enontekiö	238	264	78	71	103	62	419	398
148 Inari	1 909	2 125	133	119	479	283	2 521	2 527
240 Kemi	1	1	18	14	9	8	28	24
241 Keminmaa	12	13	98	81	32	26	142	120
261 Kittilä	376	399	665	554	443	309	1 485	1 261
273 Kolari	146	148	175	134	95	72	416	354
320 Kemijärvi	336	316	193	154	155	104	684	574
498 Muonio	246	259	235	183	135	93	617	535
583 Pelkosenniemi	97	98	171	139	90	68	358	305
614 Posio	209	208	300	259	86	59	595	526
683 Ranua	154	154	238	191	111	84	503	429
698 Rovaniemi	482	500	683	538	339	253	1 504	1 290
732 Salla	389	421	891	742	286	198	1 567	1 361
742 Savukoski	474	496	617	511	274	178	1 366	1 185
751 Simo	35	36	92	75	37	27	164	138
758 Sodankylä	561	581	778	638	512	344	1 851	1 563

Table 8d. The biomass of the tree compartments available for energy wood by tree species in mature stands on forest land available for wood supply by Forest Centre regions.

Forest Centre region Municipality	Pine		Spruce		Broadleaved		All tree species	
	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots	Branches, foliage and stem residual	Stumps and big roots
	1000 t							
845 Tervola	25	26	152	125	47	35	224	186
851 Tornio	18	19	198	162	109	100	325	280
854 Pello	121	126	155	118	98	70	374	314
890 Utsjoki	13	14	0	0	10	5	22	19
976 Ylitornio	108	112	138	106	109	78	354	296
Total	5 950	6 316	6 008	4 912	3 559	2 457	15 518	13 685

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine					Spruce					Broadleaved					Total biomass
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	
Municipality	1000 t															
Åland	120	35	9	12	37	31	10	6	3	12	99	24	6	10	28	443
035 Brändö	215	59	15	21	64	66	22	13	6	25	105	22	6	10	31	680
043 Eckerö	220	57	15	20	63	82	27	16	8	31	113	24	6	10	33	725
060 Finström	306	84	22	29	92	83	28	16	8	32	108	25	7	10	33	881
062 Föglö	142	41	11	14	43	38	12	7	4	14	47	10	3	4	14	406
065 Geta	260	70	18	25	76	81	27	16	8	31	127	26	7	12	37	821
076 Hammarland	170	62	16	22	70	91	30	18	9	34	135	28	8	12	39	818
295 Jomala	244	45	12	15	47	29	10	6	3	11	71	17	5	7	21	449
295 Kumlinge	151	11	3	4	11	9	3	2	1	3	23	6	2	2	7	119
318 Kökar	34	11	3	4	11	9	3	2	1	3	23	6	2	2	7	119
417 Lemland	227	59	15	21	66	82	27	16	8	31	131	27	7	12	38	768
438 Lumparland	84	23	6	8	25	25	8	5	2	10	29	6	2	3	8	245
478 Mariehamn-Maarianhamina	12	3	1	1	4	3	1	1	0	1	7	2	0	1	2	38
736 Saltvik	285	79	21	28	85	83	27	16	8	31	93	19	5	8	27	816
766 Sottunga	33	3	1	3	10	7	2	1	1	3	15	4	1	1	4	99
771 Sund	226	62	16	22	67	71	23	14	7	27	86	18	5	8	25	676
941 Vårdö	203	58	15	20	62	59	19	11	6	22	61	13	4	6	18	576
Total	2 761	757	198	264	823	841	276	165	81	318	1 252	270	73	116	362	8 559
Rannikko/Etelärannikko	439	94	25	36	112	456	132	77	40	155	322	60	15	27	87	2 080
049 Espoo-Esbo	281	69	18	27	78	121	41	24	12	47	121	23	5	10	32	923
078 Hanko-Hangö	159	35	9	13	41	188	54	32	17	64	165	31	8	14	45	875
091 Helsingfors	179	38	10	14	45	257	75	44	23	88	251	46	12	21	69	1 172
092 Vantaa-Vanda	576	131	35	48	151	506	148	86	45	173	407	76	19	33	107	2 540
149 Ingå-Inkoo	6	1	0	0	1	5	1	1	0	2	3	1	0	0	1	24
235 Kaunialainen-Grankulla	581	131	35	48	151	514	151	88	46	176	427	80	21	36	116	2 600
257 Kirkkonummi-Kyrkslätt	1 499	377	98	134	423	574	174	101	52	200	497	99	25	44	136	4 433
322 Kemijärvi-Kemijärvi	425	85	24	33	101	503	146	86	44	170	400	69	20	32	114	2 252
407 Lapinjärvi-Lappträsk	1 407	289	84	112	340	1 156	338	203	101	396	967	169	49	79	278	5 968
434 Loviisa-Lovisa	2 071	554	142	192	606	624	195	114	58	223	724	148	37	64	197	5 951
445 Länsi-Turunmaa	1 021	214	61	82	251	857	250	150	75	294	672	119	33	55	189	4 325
638 Porvoo-Borgå	2 353	538	145	198	618	1 689	499	288	151	578	1 362	259	64	112	356	9 210
710 Raasepori	438	93	25	35	111	614	176	103	54	207	388	71	19	32	106	2 474
753 Sipoo-Sibbo	284	62	17	23	73	295	87	51	26	102	299	55	15	25	82	1 496
755 Siuntio-Sjundeå	11 720	2 711	730	996	3 103	8 376	2 467	1 446	746	2 874	7 006	1 306	342	582	1 916	46 322
Total	14	3	1	1	3	9	3	2	1	3	9	2	1	1	3	56
Rannikko/Pohjanmaan rannikko	623	133	42	52	150	268	88	55	26	103	274	51	17	26	90	1 998
231 Kaskinen-Kaskö	391	85	26	33	96	308	99	60	29	117	272	51	16	25	87	1 696
272 Kokkola-Karleby Rannikko	1 241	270	84	104	304	943	293	177	87	345	655	119	39	57	203	4 922
280 Korsnäs	1 421	299	96	118	337	494	162	102	47	190	580	106	36	54	189	4 230
287 Kristinestad-	265	57	18	22	64	149	49	30	14	57	152	29	10	14	48	979
288 Kronoby-Kruunupyy	806	174	55	67	195	538	173	106	51	204	555	103	33	50	176	3 288
440 Larsmo-Luoto	1 339	290	90	112	327	1 118	358	217	106	421	865	163	53	79	276	5 814
475 Malax-Maalathi	1 566	347	109	133	385	1 113	352	213	104	413	832	154	50	74	262	6 108
499 Korsholm-Mustasaari	130	28	9	11	32	66	22	14	6	26	85	16	5	8	27	484
545 Närpes-Närpio	1 623	340	108	134	385	587	191	120	56	224	645	118	39	60	209	4 838
598 Jakobstad-Pietarsaari	1 328	282	89	110	318	651	210	130	62	247	625	116	37	59	200	4 464
893 Pedersöre-Pedersören kunta	421	91	28	35	103	390	124	75	37	146	334	62	20	30	106	2 001
905 Vaasa-Vasa																

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine				Spruce				Broadleaved				Total biomass			
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches		Foliage	Stumps	Roots over 1 cm
Municipality	1000 t															
946 Vörrä-Vöyri	1 192	254	80	99	287	763	246	151	72	288	761	141	46	69	242	4 692
Total	12 360	2 656	834	1 031	2 985	7 397	2 372	1 451	698	2 785	6 643	1 229	403	606	2 118	45 568
Lounais-Suomi																
019 Aura	107	22	6	9	28	92	27	16	8	31	53	10	3	4	15	430
050 Eura	973	203	57	81	248	719	214	130	63	249	479	84	25	39	137	3 701
051 Eurajoki	498	103	29	41	126	577	167	100	50	196	339	61	17	28	97	2 430
079 Harjavalta	190	40	12	16	48	151	44	26	13	52	105	18	5	8	30	759
099 Honkajoki	694	159	45	60	182	665	52	31	15	61	195	37	11	18	60	1 787
102 Huittinen	563	116	34	46	139	645	182	108	55	214	450	75	23	36	130	2 819
181 Jämijärvi	325	68	20	27	78	200	59	35	18	70	156	27	9	13	48	1 154
202 Kaarina	208	46	12	17	54	119	36	21	11	41	113	22	6	10	31	746
214 Kankaanpää	1 356	285	86	111	329	885	192	115	58	228	495	88	27	43	152	4 215
230 Karvia	1 043	229	69	88	258	156	50	31	15	58	255	47	15	22	78	2 416
271 Kokemäki	700	145	42	58	175	610	175	105	53	205	452	77	23	36	130	2 985
284 Koski T.I.	158	32	9	13	39	249	68	39	21	81	151	27	8	10	43	950
304 Kustavi	376	102	27	36	111	110	35	21	10	107	204	34	10	16	58	1 560
319 Köyliö	424	88	25	35	107	294	86	52	26	101	368	68	20	31	105	1 306
400 Laitila	1 032	222	62	87	266	607	183	111	54	211	324	57	16	27	94	3 427
413 Lavia	618	126	38	50	126	324	160	96	49	191	324	57	16	27	94	2 559
423 Lieto	272	58	16	23	71	205	61	36	18	70	102	19	5	9	29	994
430 Loimaa	694	141	41	56	171	943	260	151	80	308	591	101	29	47	168	3 781
442 Luvia	292	61	17	24	74	291	85	51	25	100	179	32	9	15	51	1 306
480 Marttila	221	45	13	18	55	234	67	39	20	78	144	26	8	12	41	1 021
481 Masku	275	61	17	23	72	145	44	26	13	51	106	21	6	10	30	900
484 Merikarvia	828	174	53	68	202	765	226	135	68	267	638	114	36	54	190	3 820
503 Mynämäki	1 014	215	60	85	260	675	202	122	59	232	363	66	19	30	102	3 503
529 Naantali	708	186	48	65	205	196	62	36	18	71	224	46	12	20	62	1 959
531 Nakkila	202	42	12	16	50	234	68	41	20	80	153	27	8	13	44	1 011
538 Nousiainen	342	73	20	29	89	241	72	43	21	83	113	21	6	9	31	1 193
561 Oripää	138	29	8	11	35	110	31	18	10	37	66	11	3	5	19	533
577 Paimio	375	81	22	31	96	242	72	42	21	82	165	31	8	14	46	1 330
608 Pomarkku	623	127	37	51	154	585	165	97	51	196	294	53	15	25	85	2 556
609 Pori	1 385	290	83	114	347	1 243	361	216	109	426	829	150	43	69	240	5 905
631 Pyhärinta	281	60	16	24	73	230	68	41	20	79	132	24	7	11	37	1 105
636 Pöytyä	1 245	259	74	103	315	943	277	167	82	320	558	97	28	45	159	4 673
680 Raisio	65	15	4	6	17	31	10	6	3	11	27	5	1	2	8	211
684 Rauma	910	197	54	77	236	656	194	117	58	226	412	75	21	34	118	3 386
704 Rusko	215	45	12	18	55	156	47	28	14	53	72	13	4	6	20	759
734 Salo	3 259	705	194	269	831	2 390	699	405	212	810	1 801	335	89	150	493	12 642
738 Sauvo	412	94	26	35	109	225	67	39	20	77	183	36	9	16	51	1 401
747 Siikainen	1 041	233	66	89	270	520	158	95	47	185	464	87	26	40	138	3 460
761 Somero	779	157	45	62	190	947	267	154	82	315	663	122	34	55	188	4 081
783 Säkölä	293	61	17	24	74	181	53	32	16	62	128	22	6	10	36	1 016
833 Taivassalo	271	69	18	25	77	83	26	16	8	30	79	17	4	7	23	754
838 Tarvasjoki	115	24	6	9	29	110	32	19	10	37	66	12	3	5	18	497
853 Turku-Abo	333	75	20	28	89	198	60	35	18	69	143	28	7	12	40	1 155
886 Ulvila	657	134	38	54	163	700	201	120	61	238	434	76	22	35	124	3 057
895 Uusikaupunki	1 053	244	66	92	284	499	153	92	46	177	360	71	20	32	104	3 292
918 Vehmaa	326	73	20	28	86	144	45	27	13	51	133	27	7	12	38	1 031
Total	27 891	6 014	1 696	2 331	7 120	20 027	5 864	3 484	1 765	6 852	13 891	2 518	722	1 160	3 975	105 310

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine				Spruce				Broadleaved				Total biomass			
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches		Foliage	Stumps	Roots over 1 cm
Municipality	1000 t															
Häme-Uusimaa																
016 Asikkala	732	141	40	56	173	1 285	369	214	113	434	857	153	46	70	246	4 928
018 Askola	241	49	14	19	58	262	77	46	23	90	214	39	11	18	61	1 223
061 Forssa	252	49	14	39	61	456	125	72	39	149	256	45	13	20	71	1 642
081 Hartola	898	171	50	68	209	1 285	369	214	113	434	857	153	46	70	246	5 200
082 Hattula	525	104	30	41	126	601	177	107	53	210	519	92	26	41	143	2 796
086 Hausjärvi	423	85	24	33	103	527	154	92	47	181	402	73	21	33	115	2 312
098 Hollola	508	99	28	39	121	852	243	141	75	287	577	104	30	48	165	3 318
103 Humppila	127	25	7	10	31	222	61	36	19	73	123	21	6	10	34	805
106 Hyvinkää	433	88	25	34	105	500	146	87	44	172	391	71	20	32	111	2 260
109 Hämeenlinna	2 649	520	147	205	634	3 927	1 124	656	346	1 329	2 479	445	124	199	684	15 489
111 Heinola	1 367	262	76	104	318	1 581	455	265	139	534	1 036	184	54	84	296	6 756
165 Janakkala	693	138	39	54	167	936	271	161	83	320	686	124	35	56	192	3 953
169 Jokioinen	132	26	7	10	32	273	74	42	23	88	156	27	8	12	44	955
186 Järvenpää	22	5	1	2	6	32	9	5	3	11	29	5	1	2	8	142
224 Karkkila	320	66	18	25	79	494	143	84	44	168	360	65	18	29	100	2 014
245 Kerava	24	5	1	2	6	29	9	5	3	10	27	5	1	2	8	137
283 Hämeenkoski	185	36	10	14	44	348	99	57	31	117	234	43	12	19	66	1 316
316 Kärkölä	228	45	13	18	55	343	100	59	30	117	282	51	15	24	82	1 461
398 Lahti	115	22	6	9	27	183	52	30	16	61	141	25	7	12	41	750
433 Loppi	902	183	52	71	219	1 152	334	197	102	394	874	158	44	72	245	5 000
444 Lohja	1 167	245	69	93	289	1 341	396	234	120	465	1 430	261	70	116	390	6 685
504 Myrskylä-Mörskom	232	46	13	18	56	261	77	46	23	90	258	46	13	21	75	1 275
505 Mäntsälä	656	132	37	51	158	917	266	157	81	313	658	119	34	55	188	3 821
532 Nastola	376	75	22	29	89	550	160	95	48	187	475	83	25	39	140	2 391
543 Nurmijärvi	299	63	18	24	74	397	112	68	34	132	397	73	21	33	113	1 839
560 Orimattila	806	162	47	63	192	946	278	166	84	326	880	157	47	73	257	4 485
576 Padasjoki	1 020	197	56	78	242	1 356	389	225	120	459	759	137	38	61	210	5 348
611 Pornainen	175	36	10	14	43	209	61	37	18	72	166	30	9	14	47	941
616 Pukkila	136	27	8	11	32	144	43	26	13	50	146	26	8	12	43	725
694 Riihimäki	119	24	7	9	29	176	51	30	16	61	144	26	7	12	41	753
781 Sysmä	1 037	198	57	78	243	1 584	454	263	140	534	1 003	179	52	82	285	6 190
834 Tammela	1 092	220	63	87	264	1 223	352	208	107	416	871	154	42	69	238	5 404
858 Tuusula	176	36	10	14	43	236	70	41	21	82	238	44	12	20	67	1 110
927 Vihti	680	143	39	54	169	840	246	145	74	289	697	128	35	57	193	3 790
981 Ypäjä	147	29	8	12	36	278	74	42	24	89	144	25	7	11	40	965
Total	18 893	3 753	1 068	1 470	4 533	25 724	7 421	4 351	2 269	8 741	18 784	3 374	957	1 530	5 290	108 158
Kaakkois-Suomi																
075 Hamina	1 232	245	74	97	288	796	229	135	70	268	492	87	26	41	144	4 223
142 Iitti	871	172	49	68	207	1 078	309	180	94	362	749	130	38	60	213	4 580
153 Imatra	200	39	11	15	47	243	71	40	22	83	157	28	9	13	47	1 025
285 Kotka	483	97	30	38	113	292	85	51	26	99	220	39	12	18	65	1 667
286 Kouvola	4 561	882	261	350	1 057	4 094	1 174	684	359	1 374	2 862	500	147	233	824	19 363
405 Lappeenranta	2 621	513	152	203	615	1 938	565	328	173	663	1 385	248	75	118	413	10 009
416 Lempi	371	72	21	28	87	290	85	49	26	100	236	42	13	20	71	1 511
441 Luumäki	1 667	327	99	130	387	1 059	308	181	94	362	769	135	41	64	229	5 851
489 Miehikkälä	895	177	53	70	209	614	176	103	54	206	355	63	19	29	104	3 128
580 Parikkala	988	191	55	75	234	959	289	168	88	340	767	139	43	64	226	4 626
624 Pynhää-Pyttis	604	122	37	48	143	421	122	74	37	144	368	64	19	30	107	2 339
689 Rautjärvi	594	114	33	45	140	507	153	89	47	180	461	84	26	39	138	2 650

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine					Spruce					Broadleaved					Total biomass
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	
Municipality	1000 t															
700 Ruokolahti	2 312	449	132	177	541	1 585	467	271	143	548	1 146	207	62	97	338	8 475
739 Savitaipale	1 263	244	73	96	292	680	200	118	61	234	618	110	33	52	181	4 254
831 Taipalsaari	815	157	46	62	190	397	119	70	36	139	417	75	22	35	121	2 702
935 Virolahti	763	152	46	60	179	478	137	81	42	160	279	50	15	23	82	2 546
Total	20 240	3 952	1 171	1 563	4 727	15 431	4 489	2 622	1 369	5 263	11 283	2 000	597	937	3 303	78 947
Pirkkanmaa																
020 Akaa	326	64	19	26	78	492	139	82	43	165	297	53	15	24	83	1 905
108 Hämeenkyrö	629	128	38	51	152	789	229	139	69	274	568	98	29	46	165	3 402
143 Ikaalinen	1 419	293	89	115	341	1 096	321	196	96	383	761	131	41	62	227	5 572
177 Juupajoki	427	85	25	34	102	504	146	88	44	174	345	58	17	27	98	2 174
211 Kangasala	902	177	50	72	219	1 485	412	240	128	491	916	165	44	73	249	5 621
250 Kihniö	877	180	55	72	208	1 280	241	142	86	263	47	15	23	27	81	2 290
418 Lempiälä	294	58	16	23	72	587	164	96	51	195	339	60	16	27	91	2 087
508 Mänttä-Vilppula	1 036	209	63	82	246	1 036	300	178	91	355	648	114	35	54	189	4 637
536 Nokia	373	75	22	30	91	539	152	91	47	181	386	68	19	31	106	2 209
562 Orivesi	1 317	261	75	104	317	1 818	517	306	158	615	1 150	201	57	91	319	7 307
581 Parkano	2 008	419	130	165	479	647	199	120	59	232	606	107	35	52	186	5 445
604 Pirkkala	76	15	4	6	19	144	41	24	12	48	106	16	5	8	29	557
619 Punkalaidun	333	66	19	27	81	603	167	97	52	199	339	59	16	27	93	2 177
635 Pälkäne	879	169	47	67	211	1 387	392	226	121	464	786	142	38	62	214	5 207
702 Ruovesi	1 680	341	101	134	402	1 423	414	249	125	482	883	154	46	71	251	6 765
790 Sastamala	1 986	403	118	161	484	2 635	744	445	227	890	1 607	283	79	129	453	10 644
837 Tampere	750	149	43	59	181	1 161	327	194	100	390	670	117	33	53	184	4 412
887 Urjala	508	100	28	40	123	985	274	159	85	325	579	102	28	46	159	3 539
908 Valkeakoski	307	60	17	24	74	494	139	81	43	166	363	65	18	29	100	1 981
922 Vesilähti	332	65	18	26	81	735	201	116	63	240	391	10	18	31	106	2 495
936 Virrat	2 668	552	171	217	634	1 303	389	233	116	457	933	167	53	80	283	8 257
980 Ylöjärvi	2 427	496	148	196	585	1 844	539	327	162	642	1 212	210	63	98	351	9 300
Total	21 555	4 366	1 294	1 730	5 181	21 947	6 281	3 731	1 915	7 464	14 149	2 491	720	1 142	4 017	97 983
Etelä-Savo																
046 Enontoski	615	117	33	46	144	618	183	106	56	217	459	83	25	39	134	2 875
090 Heinävesi	2 085	400	116	158	483	2 208	656	383	201	780	1 547	278	82	129	445	9 951
097 Hirvensalmi	965	184	54	73	224	871	255	149	78	300	767	135	41	62	221	4 378
171 Joroinen	989	191	57	76	229	954	283	167	87	338	800	141	44	67	236	4 659
178 Juva	2 504	478	141	190	580	2 062	607	353	186	717	1 647	290	89	135	482	10 463
213 Kangasniemi	2 290	444	132	175	531	1 813	535	314	163	632	1 427	251	79	117	419	9 322
491 Mikkelä	5 586	1 057	306	421	1 295	4 421	1 295	752	397	1 523	3 903	686	203	317	1 115	23 276
507 Mäntyharju	2 433	466	138	184	560	1 852	537	315	163	628	1 379	244	71	113	397	9 482
588 Pertunmaa	635	120	35	48	147	857	247	144	76	289	639	113	34	52	186	3 623
593 Pielksmäki	3 247	640	196	253	747	2 378	705	420	215	843	2 096	367	116	175	623	13 022
623 Puumala	2 249	432	127	171	521	937	278	163	84	324	1 002	180	51	84	286	6 888
681 Rantasalmi	984	188	55	75	230	912	271	159	83	322	817	145	45	68	241	4 595
740 Savonlinna	4 736	913	263	360	1 111	4 000	1 188	689	364	1 401	3 092	559	169	262	910	20 018
768 Sulka	1 276	247	72	97	298	777	231	135	70	271	713	129	39	60	210	4 627
Total	30 593	5 878	1 725	2 327	7 100	24 659	7 274	4 250	2 225	8 585	20 289	3 600	1 089	1 680	5 905	127 179
Etelä-Pohjanmaa																
005 Alajärvi	2 223	467	149	184	523	470	149	91	43	172	661	122	41	59	205	5 558
010 Alavus	2 398	495	155	196	567	597	186	113	55	215	680	124	41	60	213	6 095
052 Eivjärvi	663	140	46	55	156	175	57	36	17	67	258	48	16	24	84	1 841
074 Halsua	816	179	59	69	193	94	32	21	9	37	228	42	14	21	73	1 887

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine				Spruce				Broadleaved				Total biomass			
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches		Foliage	Stumps	Roots over 1 cm
Municipality	1000 t															
145 Ilmajoki	949	198	62	78	225	326	101	61	30	118	318	58	18	29	100	2 672
151 Isojoki	1 368	307	92	118	346	532	165	99	49	193	505	92	30	44	153	4 092
152 Isokyrö	492	105	34	41	117	198	63	38	18	74	251	45	14	22	78	1 590
164 Jämsä	1 534	321	101	126	364	336	106	65	31	123	447	82	27	40	140	3 844
217 Kannus	911	197	64	77	216	208	70	44	20	80	367	67	22	33	117	2 495
218 Karjoki	354	78	25	30	86	164	52	31	15	61	127	24	8	12	41	1 106
232 Kaunajoki	2 582	578	182	221	633	516	165	102	48	192	639	120	39	59	206	6 280
233 Kauhava	2 267	472	151	186	533	472	187	116	54	218	717	132	44	66	234	5 961
236 Kaustinen	680	145	47	57	161	161	53	34	15	62	266	48	16	24	84	1 853
272 Kokkola-Karleby E-Pohjanmaa	2 122	459	149	179	504	537	178	112	51	207	743	137	46	69	240	5 733
300 Kuortane	1 025	211	66	84	241	258	81	49	24	93	295	54	18	26	93	2 618
301 Kurikka	1 662	358	115	138	397	655	208	128	61	244	631	116	38	58	202	5 010
399 Laihia	853	181	57	71	205	490	156	95	46	183	459	84	27	41	144	3 090
403 Lappajärvi	866	181	58	71	203	209	67	42	19	78	308	57	19	28	98	2 303
408 Lapua	1 356	280	88	111	319	411	129	78	38	150	421	76	25	32	132	3 653
421 Lesijärvi	959	207	68	80	226	194	65	41	19	75	358	66	22	32	113	2 526
584 Perho	1 582	342	112	133	373	223	75	48	21	86	403	75	25	37	128	3 682
743 Seinäjoki	2 447	512	162	201	579	662	210	128	61	245	898	163	53	80	281	6 683
759 Soini	1 290	272	87	107	304	305	97	60	28	112	394	73	23	35	121	3 307
846 Teuva	1 057	231	75	89	254	447	142	86	42	166	386	72	23	37	125	3 232
849 Tonolampi	980	213	69	83	233	262	89	56	25	102	477	85	28	42	148	2 893
924 Veteli	934	199	64	78	220	200	65	41	19	75	329	61	20	30	103	2 435
934 Vimpeli	539	115	37	45	127	130	41	26	12	48	202	37	13	18	63	1 452
989 Anttari	1 958	409	128	161	464	673	207	125	61	241	670	122	40	58	204	5 521
Total	36 867	7 848	2 502	3 066	8 768	10 016	3 197	1 968	931	3 714	12 438	2 281	750	1 123	3 924	99 393
Keski-Suomi																
077 Hankasalmi	920	182	55	71	213	889	261	154	80	312	741	129	41	62	220	4 330
172 Joutsa	1 724	334	99	132	401	1 605	471	277	144	556	1 224	215	67	100	358	7 707
179 Jyväskylä	2 117	414	122	163	496	2 125	614	357	189	728	1 515	270	82	125	438	9 755
182 Jämsä	3 114	613	180	242	734	3 118	898	530	275	1 067	2 066	362	109	169	594	14 072
216 Kannonkoski	1 068	223	70	87	252	488	150	91	44	176	470	85	28	41	141	3 415
226 Karstula	2 072	435	137	171	490	721	224	137	66	260	772	141	46	68	234	5 974
249 Keuruu	3 004	617	190	242	710	1 724	516	311	155	607	1 261	226	72	108	381	10 124
256 Kinnula	1 091	232	74	91	258	297	96	60	28	112	411	75	25	37	127	3 013
265 Kivijärvi	1 189	251	79	98	281	352	112	69	32	130	407	74	24	36	126	3 261
275 Konnevesi	744	149	44	58	175	882	257	149	79	307	718	129	41	61	215	4 009
291 Kuhmoinen	1 254	244	70	96	296	1 621	462	267	143	546	997	179	51	81	281	6 590
312 Kyyjärvi	1 039	221	71	87	245	207	68	43	19	79	318	59	19	29	98	2 601
410 Laukaa	1 109	219	65	86	260	1 037	176	93	93	359	753	134	42	63	221	4 918
435 Luhanka	367	71	21	28	86	504	146	86	45	173	331	59	18	27	95	2 057
495 Multia	2 026	416	127	164	480	742	225	136	67	266	643	116	39	56	199	5 704
500 Muurame	224	44	13	17	52	288	83	48	26	98	200	35	11	16	58	1 213
592 Petäjävesi	1 044	207	62	82	245	691	202	119	62	240	497	88	28	42	148	3 759
601 Pihlajavesi	2 420	514	162	201	574	1 029	329	205	95	384	1 026	188	60	91	316	7 596
729 Saarijärvi	2 862	594	185	232	675	1 471	443	266	133	520	1 228	220	71	106	369	9 374
850 Toivakka	774	150	44	59	181	637	186	109	57	220	464	82	25	38	134	3 160
892 Uurainen	1 500	162	49	64	188	437	130	77	39	153	340	61	19	29	102	2 647
931 Viitasaari	2 680	559	174	218	633	1 610	497	302	147	583	1 499	270	88	129	452	9 841
992 Anekoski	1 808	365	111	143	425	1 561	450	259	139	534	1 019	181	59	86	300	7 441
Total	35 447	7 217	2 206	2 832	8 352	24 036	7 122	4 231	2 158	8 410	18 902	3 378	1 064	1 601	5 606	132 561

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine			Spruce			Broadleaved			Total biomass							
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps		Roots over 1 cm						
Municipality				1000 t													
Pohjois-Savo																	
140 Iisalmi	846	178	56	69	200	1 130	351	213	105	414	1 031	186	64	91	326	5 259	
174 Juankoski	614	129	39	49	146	797	248	144	76	291	646	119	39	56	196	3 588	
204 Kaavi	1 359	287	87	110	323	1 125	354	211	106	416	853	160	53	76	260	5 780	
239 Keitele	1 003	206	64	81	236	705	215	131	64	255	592	160	35	51	180	3 924	
263 Kuruvesi	1 809	400	126	153	437	1 335	433	272	126	508	1 674	305	102	148	523	8 352	
297 Kuopio	3 194	640	191	248	747	4 775	1 446	831	445	1 704	3 352	605	192	283	992	19 645	
402 Lapinlahti	1 363	288	111	111	323	1 822	568	341	170	669	1 491	307	93	131	468	8 200	
420 Leppävirta	1 865	364	107	142	432	2 458	728	421	225	864	1 724	307	93	143	497	10 369	
476 Maaninka	548	111	34	43	128	800	245	145	74	289	583	105	35	51	181	3 372	
595 Pielavesi	1 960	401	122	158	462	1 937	587	352	177	696	1 602	284	94	136	485	9 452	
686 Rautalammi	934	187	73	73	215	835	252	151	76	301	756	131	42	62	225	4 299	
687 Rautavaara	2 594	586	183	218	627	1 181	385	240	112	452	1 144	217	73	104	356	8 472	
749 Siilinjärvi	371	75	22	29	87	656	201	117	61	236	464	84	28	40	143	2 614	
762 Sonkajarvi	2 868	659	210	245	696	1 381	458	289	133	538	1 596	298	102	144	502	10 120	
778 Suonenjoki	1 353	269	83	105	311	1 188	354	210	108	421	952	166	53	79	283	5 934	
844 Tervo	519	104	32	41	121	641	194	115	59	230	575	102	33	48	171	2 985	
857 Tuusniemi	738	146	42	57	172	1 275	385	220	119	456	823	150	46	69	239	4 938	
915 Varkaus	711	136	39	54	165	800	235	135	73	279	573	102	31	47	165	3 545	
921 Vesanto	694	141	43	55	163	776	231	136	71	274	591	105	34	50	177	3 541	
925 Vieremä	1 585	361	114	135	387	860	285	181	82	333	1 040	190	64	92	323	6 032	
Total	26 928	5 666	1 741	2 176	6 378	26 477	8 152	4 854	2 464	9 626	22 062	3 995	1 307	1 901	6 693	130 419	
Pohjois-Karjala																	
146 Ilomantsi	7 262	1 553	497	585	1 670	1 850	581	355	171	852	1 955	367	125	179	620	18 453	
167 Joensuu	5 064	1 029	316	398	1 170	3 201	987	585	298	1 164	3 034	566	181	263	901	19 158	
176 Juuka	3 622	786	242	296	863	1 902	606	371	176	712	1 618	309	103	147	498	12 255	
260 Kitee	2 535	498	149	196	593	1 931	579	340	176	685	1 568	283	89	134	473	10 228	
276 Kontiolahti	1 806	363	110	141	415	990	309	185	93	364	1 083	203	66	93	318	6 539	
309 Outokumpu	9 075	1 963	617	734	2 122	3 029	961	587	284	1 131	3 094	591	199	285	48	165	3 623
422 Lieksa	1 132	222	65	87	262	1 125	344	204	105	409	928	172	53	79	270	5 458	
426 Liperi	3 450	796	249	292	843	1 776	576	356	169	678	1 700	329	109	158	530	12 011	
541 Nurmes	1 585	330	101	126	370	886	284	174	84	335	928	176	59	83	283	5 801	
607 Polvijärvi	728	142	42	56	170	675	203	119	62	241	578	105	33	50	173	3 379	
707 Rääkkylä	1 708	346	106	135	398	1 091	332	196	101	394	951	176	56	83	288	6 362	
848 Tohmajärvi	1 606	375	118	137	393	865	286	178	84	336	893	172	57	82	276	5 857	
Total	40 436	8 578	2 663	3 250	9 470	20 017	6 263	3 777	1 871	7 387	18 888	3 553	1 161	1 684	5 768	134 767	
Kainuu																	
105 Hyrynsalmi	2 729	700	227	244	694	989	345	215	100	400	1 025	213	74	101	327	8 385	
205 Kajaani	3 768	899	286	329	933	1 147	396	254	113	462	1 688	320	110	155	533	11 392	
290 Kuhmo	10 794	2 663	849	943	2 703	3 518	1 163	725	339	1 373	3 352	672	233	332	1 098	30 757	
578 Paltamo	1 817	443	143	160	453	646	226	144	64	282	851	165	57	80	271	5 784	
620 Puolanka	4 231	1 091	355	382	1 077	1 495	531	313	153	518	1 777	371	129	173	563	13 272	
697 Ristijärvi	1 603	403	130	142	403	636	223	140	64	258	753	151	53	72	240	5 270	
765 Sotkamo	5 459	1 314	418	474	1 354	2 529	847	526	247	994	2 602	504	170	244	819	18 501	
777 Suomussalmi	9 259	2 542	824	853	2 427	3 062	1 105	705	314	1 281	2 962	662	232	303	946	27 477	
785 Vaala	2 148	528	176	191	527	293	105	68	30	122	795	156	56	75	258	5 527	
Total	41 805	10 585	3 407	3 717	10 571	14 315	4 941	3 109	1 423	5 766	15 805	3 216	1 115	1 535	5 056	126 366	
Pohjois-Pohjanmaa																	
009 Alaveska	413	89	28	35	99	167	55	34	16	62	206	37	12	18	65	1 336	

Table 9. The biomass of tree compartments by tree species on forest and poorly productive forest land by Forest Centre regions.

Forest Centre region	Pine				Spruce				Broadleaved				Total biomass			
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches		Foliage	Stumps	Roots over 1 cm
Municipality	1000 t															
069 Haapajärvi	1 429	308	98	120	339	587	194	121	55	222	768	137	44	67	232	4 723
071 Haapavesi	1 657	364	116	140	396	653	222	141	62	252	1 131	200	65	98	341	5 838
072 Hailuoto	280	67	21	24	69	57	20	13	5	22	170	32	11	17	55	863
208 Kaiajoki	1 765	384	124	149	422	567	187	118	53	216	701	128	43	64	226	5 149
139 Ii	2 105	571	194	194	535	521	199	133	55	230	954	209	74	99	318	6 390
244 Kempele	1 29	30	10	11	31	36	12	8	3	14	81	15	5	8	27	421
305 Kuusamo	7 441	2 189	698	710	2 029	2 974	1 163	737	326	1 320	2 599	654	229	282	828	24 180
317 Kärsämäki	1 282	284	91	109	307	416	140	89	40	161	682	124	41	61	212	4 038
425 Liminka	903	211	78	216	216	145	52	34	14	59	453	84	29	43	148	2 540
436 Lumijoki	285	67	22	25	69	74	26	17	7	30	165	30	11	15	55	898
483 Merijärvi	397	85	26	33	96	192	63	39	18	71	248	44	14	21	76	1 423
494 Muhos	1 198	283	104	104	287	183	64	41	18	73	459	85	30	44	151	3 114
535 Nivala	657	139	43	55	157	380	126	77	36	143	453	81	25	39	136	2 547
563 Oulainen	945	203	64	79	226	426	143	89	40	161	647	114	37	56	194	3 426
564 Oulu	5 123	1 290	433	457	1 266	1 075	397	260	109	450	1 953	390	138	187	634	14 163
615 Pudasjärvi	8 591	2 389	802	804	2 216	2 188	838	540	232	777	2 430	553	193	250	777	23 758
625 Pyhäjoki	978	215	69	83	235	368	123	78	34	140	582	102	35	52	184	3 277
626 Pyhäsaari	2 551	567	180	216	614	984	331	212	94	385	1 466	269	88	131	456	8 546
630 Pyhäntä	1 626	381	122	141	398	236	83	54	23	97	597	111	39	55	193	4 156
678 Raahе	1 727	384	123	147	415	575	193	123	54	220	975	174	58	87	305	5 561
691 Reisjärvi	931	199	64	78	221	324	106	66	31	122	436	79	25	38	133	2 854
746 Sievi	1 403	304	98	118	333	371	126	79	35	143	637	114	37	56	196	4 051
748 Siikajoki	1 736	396	131	148	415	352	122	80	34	140	874	159	54	80	281	5 003
791 Siikalatva	3 984	915	301	343	955	640	226	147	63	260	1 900	351	120	173	603	10 979
832 Taivalkoski	3 779	1 087	342	357	1 026	1 637	623	386	177	712	1 266	306	103	134	393	12 327
859 Tyrnävä	732	170	57	63	175	111	39	26	11	44	284	53	18	27	93	1 903
889 Utajärvi	2 703	674	226	241	665	351	128	83	36	148	875	173	63	83	284	6 734
977 Ylivieska	958	204	64	80	230	404	135	84	38	153	603	106	34	52	182	3 328
Total Lapland	57 709	14 449	4 714	5 143	14 445	16 994	6 135	3 911	1 720	7 002	24 596	4 916	1 678	2 335	7 778	173 525
047 Enontekiö	2 012	684	173	208	655	244	104	53	32	118	1 285	455	154	214	537	6 927
148 Inari	19 141	5 927	1 501	1 899	5 973	1 179	516	260	159	583	4 010	1 313	452	518	1 326	44 757
240 Kemі	53	17	6	5	14	103	38	24	11	45	90	19	6	9	29	470
241 Kemіnmaa	510	152	53	49	133	648	241	156	68	283	540	119	40	57	180	3 231
261 Kittilä	8 087	2 621	827	799	2 291	2 792	1 193	721	338	1 349	3 184	916	302	380	1 029	26 827
273 Kolari	3 415	1 078	358	332	930	814	339	228	92	391	950	250	88	116	337	9 717
320 Kemijärvi	5 701	1 732	583	546	1 509	1 020	426	283	115	480	1 215	326	111	139	398	14 585
498 Muonio	2 584	818	233	250	757	693	288	173	81	322	628	181	58	75	197	7 338
583 Pelkosenniemi	1 226	681	230	209	579	671	281	183	76	317	757	200	71	88	255	5 750
614 Posio	4 495	1 359	434	434	1 230	1 320	535	327	151	604	1 078	274	94	118	342	12 796
683 Ranua	4 714	1 389	476	451	1 233	1 168	459	301	126	524	1 239	297	103	137	415	13 032
698 Rovaniemi	11 286	3 373	1 132	1 063	2 966	3 277	1 289	849	355	1 486	3 399	851	285	389	1 141	33 141
732 Salla	6 645	2 080	664	648	1 847	2 742	1 148	691	321	1 276	2 192	615	206	261	723	22 060
742 Savukoski	7 762	2 470	759	752	2 205	2 271	962	564	273	1 071	1 741	530	168	213	558	22 301
751 Simo	1 492	427	150	142	383	748	283	188	79	332	869	201	69	95	295	5 750
758 Sodankylä	11 684	3 694	1 109	1 138	3 351	3 443	1 474	879	419	1 660	3 474	1 012	335	411	1 098	35 182
845 Tervola	1 372	401	138	131	356	1 380	517	341	144	602	1 185	270	91	130	406	7 465
851 Tornio	746	220	78	72	192	1 157	428	278	121	503	1 269	267	89	127	408	5 955
854 Pello	2 432	726	244	230	640	863	350	236	94	400	1 076	268	92	123	368	8 141
890 Utsjoki	375	147	39	43	130	1	0	0	0	0	744	268	102	105	265	2 220

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Forest Centre region	Pine			Spruce			Broadleaved			Total biomass						
	Stem including bark	Branches	Foliage	Stumps	Roots over 1 cm	Stem including bark	Branches	Foliage	Stumps		Roots over 1 cm	Branches	Foliage	Stumps	Roots over 1 cm	
Municipality	1000 t															
976 Ylitornio	2 292	661	231	215	585	987	386	259	106	452	1 212	290	98	135	413	8 321
Total	98 924	30 657	9 419	9 616	27 961	27 520	11 259	6 994	3 162	12 798	32 136	8 921	3 014	3 839	10 722	296 941



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Natural Resources Institute Finland
Viikinkaari 4
FI-00790 Helsinki, Finland
tel. +358 29 532 6000