

USDA Foreign Agricultural Service

# GAIN Report

Global Agricultural Information Network

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## Russian Federation

**Post:** Moscow

### Forestry Sector Update

**Report Categories:**

Wood Products

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**Report Highlights:**

Russia contains one-fifth of the world forests, but wood production is considerably below potential. However, since 2010, production has rebounded and some products have seen strong growth. Industry analysts believe that Russia's exports of unprocessed wood products will continue to be the majority of exports as export tariffs on these products have decreased according to Russia's WTO commitments. On December 28th 2012, the Government adopted "The Program of Forestry Sector Development for 2013-2022" that calls for improving regulation, forest protection, fire management and reforestation.

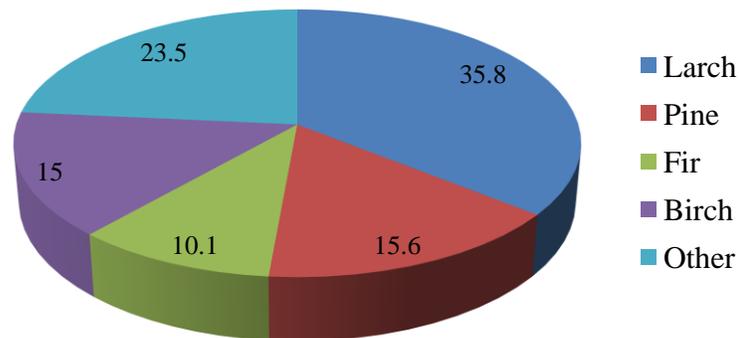
## General Information:

### Overview of the Timber Supply in Russia

Russia is the largest country in the world by size, and contains one-fifth of the world's forests, and forests cover nearly half of Russia's territory. Overall timber stock in Russia is estimated at 83 billion cubic meters. According to the Federal Forestry Inventory of 2011 (the last time an inventory was done), the total area of Russian forested lands amounted to 1.18 billion hectares, including 6.2 million hectares of dense forests and 26.2 million hectares of urban forests and natural territories under special protection.

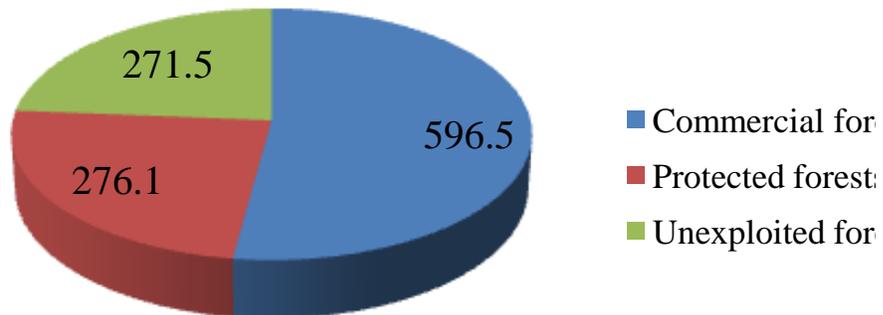
Forests in Russia are subdivided into three main categories: reserved forests (271.5 million hectares), protected forests (276.1 million hectares), and commercial forests (596.5 million hectares). Russian forests contain three main categories of trees: coniferous (pine, cedar, spruce, silver fir, and larch), which accounts for 70 percent of total area, followed by softwoods (birch, asp, poplar, willow, and alder) with 17 percent, and hardwoods (oak, beech, ash, maple, elm, and locust) with 13 percent.

### Predominant Forest Species, in percent, 2012



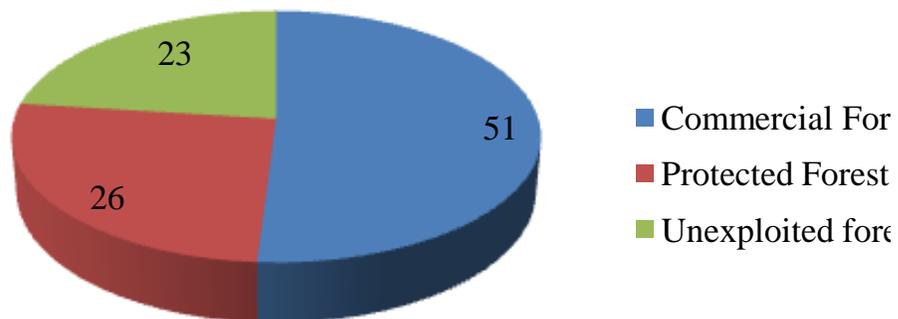
Source: Federal Statistics Service

### Type of Forest Areas, in million hectares, 2012



Source: Federal Statistics Service

### Distribution of Forests by Category in Russia, in percent, 2012



Source: Federal Statistics Service

## Production

Russia's wood production is far below its potential. Total volume of logging in 2012 was estimated at 191 million cubic meters, which included 140 million cubic meters of coniferous species. This amount is less than 1/3 of the total allowable cut by the Federal Forestry Agency (FFA) at 668.7 million cubic meters. Despite this, logging and wood production have shown positive trends. The year 2009 is considered the low point in terms of the decline of Russian forestry sector, but since 2010 the sector has started to recover. Also, the volume of logging is forecast to increase in the near term as a result of a number of factors, including lower export tariffs for unprocessed wood after Russia's WTO accession, the increasing volume of industrial-scale wood production, as well as the continued development of the construction sector. Industry analysts forecast logging volume to increase 24 percent by 2015.

The continued growth of the Russian economy is leading to an expansion in domestic demand for wood and wood products, primarily from the furniture, construction, and paper/pulp sectors.

**Table 1. Russian Production of Wood Products, 2010-2012**

Commodity	2010	2011	2012
Wood sawn or chipped lengthwise, sliced or peeled, more than 6 mm thick (HS 4407); railway or tramp sleepers of wood, untreated, million cubic meters	19.0	20.3	20.6
Wood chips for cellulose and wood mass production, 1,000 cubic meters (HS 4401)	3,420	3,745	4,557
Fuel wood, 1,000 cubic meters (HS 4401 10 0000)	---	--	337
Wood pellets, 1,000 MT (HS 440131)	325	392	791
Wood in the rough, whether or not stripped of bark or sap-wood, or roughly squared: Treated with paint, stain, creosote or other preservatives, 1,000 cubic meters (HS 4403)	---	--	55.4
Railway or tramp sleepers of wood, treated, 1,000 cubic meters (HS HS 4406 90 0000)	303	347	434
Plywood, 1,000 cubic meters (HS 4409)	2,679	3,003	3,150
Wood particle board, 1,000 cubic meters (HS 4410)	5,484	6,634	6,753
Fiberboard, million cubic meters (HS 4411)	395	442	458
Veneer, 1,000 cubic meters (HS 4412)	428	455	546
Window blocks, 1,000 square meters (HS 4415)	1,316	970	1,215
Door blocks, 1,000 square meters	9.2	9.0	12.4
Parquet flooring, 1,000 square meters	2,159	3,064	3,036
Wooden constructions and joinery, 1,000 cubic meters	--	--	747
Industrial Houses (standard), 1,000 square meters	181	222	186
Wood pallets, wood panels, million pieces (HS 4415)	8.9	11.0	16.2

Source: Russian State Statistics Committee

Major growth in 2012 was noted in production of plywood, wood construction materials, veneer and sliced wood. Production in these sectors rebounded from the 2009 crisis levels and in some product items has seen a substantial growth in CY 2012 in comparison with the same period in CY 2011. Thus, production of railway and tramp sleepers of wood increased by 20 percent, woodchips for cellulose and

wood pulp by 20 percent, and window blocks by 25 percent. Experts reported expansion in the wood processing and pulp production sectors attributed to recovered demand in the domestic and foreign markets as well as investment increases in the sector. Production and demand for 2013-2015 points to an increase in domestic demand attributed to growing income levels, a recovery in the construction and housing sectors, and expanded trade.

Experts forecast stable growth in the near term in the forestry processing industry as demand in the domestic market continues to grow. In fact, in some products this demand exceeds the supply of these products. For example, strong demand is expected in certain types of products where Russia's production is low or its quality is below international standards, which includes high density fiberboard, large-scale plywood, coated paper and cartons, and some types of hygienic and sanitary products.

Industry representatives report that there are certain impediments to further development of the forestry sector that the government needs to address:

- Low market capacity of wood and paper-based products;
- Insufficient use of forestry resources;
- Low quality of chemical processing of forestry products;
- Lack of investment incentives;
- Outdated capital assets;
- Lack of modern equipment for deep wood processing.
- Depleting forestry resources in traditional logging areas. Scientists assert that unless the government has an effective firefighting system and clear-cutting practice in place, the wood reserves of the eastern part of Russia could be depleted by 2020.

The Government has tried to encourage foreign investment into the sector. In 2009, the Government adopted Resolution # 419, "On the rules for approving and finalizing the list of priority investments projects in forest exploitation." According to this document, if an investor is ready to invest more than 300 million rubles (approximately \$9 million) in deep processing of wood, the local authorities are committed to provide the investor with raw material (wood) for project implementation without an auction. This initiative has worked to attract investments in the forestry sector. By the end of 2012, the Russian Ministry of Trade approved 121 investment projects with total financing of 403.7 billion rubles. It is reported that so far, 1.11 billion rubles has been invested in the projects related to forest exploitation, and since 2009 a number of new or renovated forestry processing facilities have started to operate in Russia. The Federal Forestry Agency (FFA) reports that 5 investment projects were implemented in 2012 alone, including the modernization of cellulose and paper facilities in Arkhangelsk and Irkutsk oblast. The projects were implanted at the following facilities; the "Trans Siberian Forestry Company" in Irkutsk, the NovoYeniseyskiy Forestry Complex in Krasnoyarsk kray, and a facility of International Paper in Leningrad oblast. The FFA reports that 2 new facilities began operating in Tomsk and Khabarovskiy kray producing medium density fiberboard, oriented strand board and coated paper.

## **Trade**

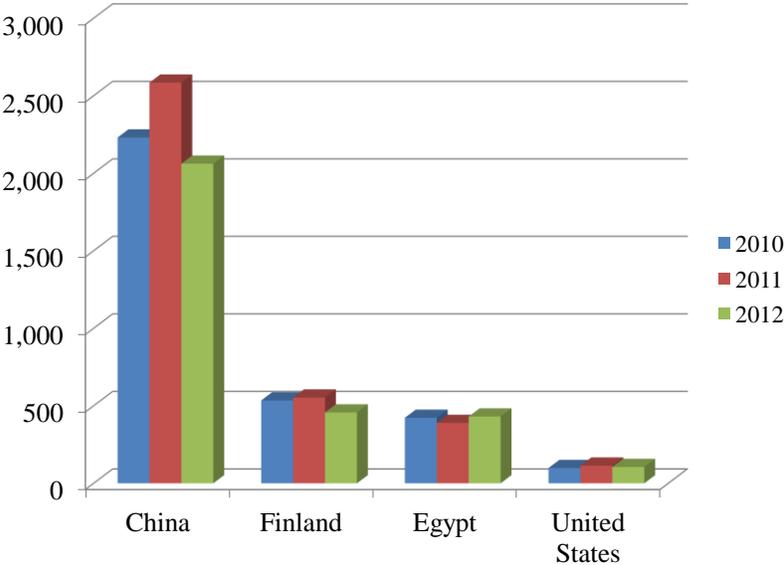
Total exports of forest products (Chapter 44 HTS) in 2012 were valued at \$6.4 billion, down 14 percent from 2011. However, according to Customs statistics, exports of forest products from January-July 2013 increased by 5 percent and reached almost \$4 billion in these 7 months. This increase in exports is mostly attributed to continued firm demand from China, Japan, and to a lower extent from Finland, as

well as an increase in exports to other markets such as Uzbekistan, Egypt, the United States, and South Korea. However, Russian exports of low-processed solid wood products are still highly concentrated in three markets – China, Finland and Japan. These markets account for 50 percent of all forest product exports from Russia. According to the Ministry of Economic Development data, the share of low processed wood exported from Russia in 2012 is estimated at 24 percent. The lack of domestic processing makes Russia’s logging sector even more dependent on fluctuations from foreign markets.

Imports of forest products increased to \$1.6 billion in 2012, up 13 percent from 2011. In 2013, imports continued to expand, and in January-July imports grew 3 percent to \$871 million. The largest suppliers to Russia are China (27 percent and increasing in recent years), Germany (14 percent) and Ukraine (7 percent). The share of the United States in total imports is estimated at 1.2 percent. Solid wood imports consist mostly of processed products. Russia’s demand for oriented strand board, prefabricated buildings, medium density fiberboard of different thickness, veneer, and high-value wood articles for furniture construction will continue to be strong which provides an opportunity for U.S. exporters.

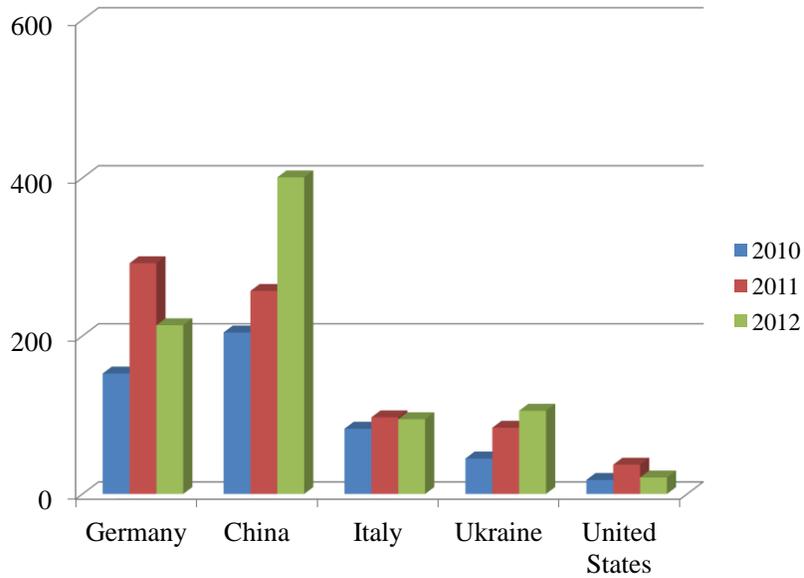
Russia’s role in world trade of forest products does not correspond to the potential of its forest resources base. Russia’s market share of the world market for all wood products is still low and consists mostly of unprocessed wood products. The Russian government is trying to pursue long-term policies to improve the sector’s efficiency by: 1) increasing the share of processed and higher-value wood and wood products; 2) curbing illegal export and trade of logs; 3) applying tariffs and other government measures to promote the export of processed products versus logs; and 4) attracting foreign investment. Experts have concerns that after Russia’s WTO accession, exports of unprocessed products will continue to prevail as export tariffs on this commodity decrease according to WTO commitments.

**Russia’s Major Export Destinations of Forest Products, 2010-2012, in mln. \$**



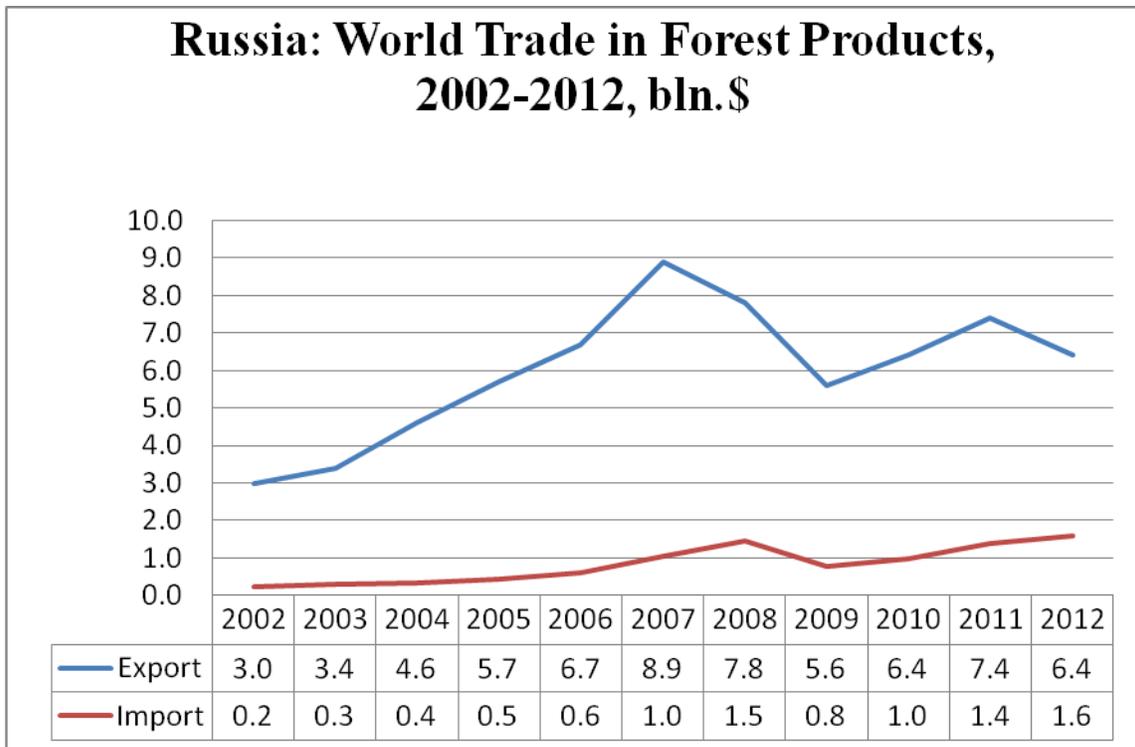
Source: Russian Federal Statistics Agency

### Russia's Major Import Origins of Forest Products, 2010-2012, in mln. \$



Source: Russian Federal Statistics Agency

### Russia: World Trade in Forest Products, 2002-2012, bln.\$



Source: Russian Customs Service

## Trade Tariffs for Wood Products upon Russia’s WTO Accession

### Export Duties

After its WTO accession in 2012, Russia committed to keep export duties either unchanged for most wood products or reduce them (including some down to zero). For those which will be reduced, there is an implementation period of 4 years to get them down to their final bound levels. The most important export duty changes have been for unprocessed wood, specifically of pine and spruce, which is wood in rough-form and with varying diameters. Before Russia’s WTO accession, export tariffs for these types of unprocessed wood had been gradually increasing up to a maximum of 80 percent. This was primarily done by the government with the aim of stimulating domestic processing of wood and value-added exports. However, upon WTO accession, Russia lowered the in-quota tariff for unprocessed pine exports from 25 percent to 13 percent, and spruce from 25 percent down to 15 percent (see Tables 2 and 3 below). These quotas allowed for more than 22 million cubic meters of spruce and pine to be exported at these lower tariffs (in 2012 exports of these products totaled 14 million cubic meters). The tariff for out-of-quota volumes is 80 percent. China and Finland are major destinations for exports of unprocessed wood; these countries import 68 percent and 19 percent respectively of the total exports of Russian round wood annually. Analysts believe that due to the reduced export duties for these products, Russia’s exports of unprocessed wood will continue to boom.

Aggregate of HS 4403 20 110 and 4403 20 190

Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared of spruce of the species ‘Picea abies Karst’ or silver fir (Abies alba Mill)

Table 2.

<b>Global volume of TRQ, thousand cubic meters</b>	<b>In-quota duty</b>	<b>Out-of-quota duty</b>
6,246.5 Including: EU – 5,960.6; others – 285.9	13%	80%

Aggregate of HS 4403 20 310 and 4403 20 390

Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared of pine of the species “Pinus sylvestris L.”

Table 3.

<b>Global volume of TRQ, thousand cubic meters</b>	<b>In-quota duty</b>	<b>Out-of-quota duty</b>
16,038.2 Including:	15%	80%

EU – 3,645.9; others – 12,392.3		
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In addition to these TRQs, other processed products export duties were reduced. Please see the Appendix for detailed changes by product.

### Import Duties

In addition to reducing export duties upon WTO accession, Russia also committed to lower import duties for wood products during the implementation period between 2014 and 2016. After full implementation of tariff reductions, the average import tariff for wood and paper will go down from the currently applied 13.2 percent to 8 percent. It will create a favorable environment and open potential markets for U.S. forestry and pulp products. Nearly all of the market access gains will occur between 2014 and 2016, although a few types of particle board will see immediate tariff declines from the pre-accession applied rate of 20 percent to the post-accession bound rate of 15 percent.

Please refer to the Appendix below for more detailed information on export/import tariff rates for Forest Products (HS 44).

### **Government Policy**

Recently the forestry community has become more critical of regulation in the sector and failure to address a number of urgent issues, including forest protection, fire management, combating illegal logging. The government has taken a number of steps to try to improve the situation. On December 28<sup>th</sup> 2012, the Government adopted Resolution #2593-R on “The Program of Forestry Sector Development for 2013- 2020”. The resolution states that the Russian Ministry of Natural Resources together with the Federal Forestry Agency are responsible for implementation of the Program.

The objectives of the Program are to improve the efficiency of forest use and improve protection and reforestation by maintaining ecological potential and global functions.

The Program consists of 4 subprograms, including:

- Protection and preservation of forests;
- Facilitation (securing) of forest use;
- Reforestation;
- Providing implementation of the government program “Development of Forestry Sector for 2013-2020” (i.e. forest management).

The total financing of the Program is estimated at 525.8 billion rubles (\$16.4 billion), of which 264.9 billion rubles (\$8.3 billion) will be allocated from the federal budget, 67.2 billion rubles (\$2.1 billion) from consolidated budgets of the provinces/local governments of the Russian Federation, and the outstanding amount of 193.6 billion rubles (\$6.0 billion) to be provided by private financing.

The first subprogram, protection and forests preservation, calls for the allocation of 67.3 billion rubles (\$2.1 billion) from the federal budget. The objectives of the subprogram include fire suppression and monitoring, fighting forests pests (insects), and fighting disease. Other objectives and plans within this

subprogram include:

- The development and implementation of new detection and forest fire suppression equipment, as well as new techniques for fire suppression, such as use of explosives and underground water springs;
- The improvement of the organizational system of coordination between different agencies during fire suppression activities;
- The construction and renovation of roads used for fire suppression (about 20,000 km);
- The building and reconstruction of observation stations and warehouses for fire suppression;
- The implementation of ground fire monitoring (about 85 million hectares annually) and aviation monitoring (455 million hectares annually).
- To conduct by 2020 forest pathological disease activities on an area of 400 million hectares annually including ground monitoring and improve sanitary forest health activities on 200 million hectares annually.

In view of the increasing occurrences of forest fires in Russia since 2010, the government decided to increase the federal budget for forest fire suppression from 1.5 billion rubles (\$500,000) to 1.8 billion rubles (\$600,000) in 2013. According to the Forestry Agency, there is also a plan to increase current allocations, which includes financing for other categories of forest management such as reforestation and building infrastructure for forestry seed selection centers.

For the second subprogram, facilitation (securing) of forest use, the program calls for allocation of 69.7 billion rubles (\$2.2 billion) from the federal budget for securing intensive use of forests, keeping their ecological functions and biological diversity, as well as increasing efficiency for control over forest use, protection and reproduction. The main objectives and tasks under the subprogram include:

- The creation of a uniform system for forestry registration on federal, regional and municipal levels;
- The creation of a national forestry inventory system;
- The improvement of forestry planning and design;
- Increased efficiency of national forestry and fire surveillance;
- The improvement of accessibility to forestry plots by means of new forest road construction;
- Increased use of the annual allowable cut by 35 percent;
- Increased logging volumes of selective cut (i.e. of specific species of trees) by 21.1 percent.
- The development of a legislative base that will ensure rational, sustainable and complex use of forest resources based on the requirements of forestry certification, international standards and indicators of sustainable forestry management and promotion of Russian forestry products to more “ecologically sensitive” foreign markets (i.e. those concerned about sustainable and environmentally safe production);
- Reduction of the volume of illegal logging as a result of implementation of the system of accounting for logged wood on the federal level.

For the third subprogram, reforestation, the program will allocate 26.9 billion rubles from the federal budget (\$840 million) for reforestation and to create infrastructure for forest seed selection facilities and their maintenance. Other objectives and tasks of the subprogram include:

- The creation of a permanent forestry seed base, forming a forest plant fund with improved

genetic characteristics in all regions, and development of nets of forestry seed selection centers and forestry nurseries;

- The creation of improved forest plant species, genetically improved forest plants with targeted desired characteristics based on scientific research in forestry biotechnology and genetic engineering.
- The creation of forestry plantations on unused agricultural lands that will be economically viable in terms of production of raw material for the forestry sector in the regions with depleted forestry resources.
- Increased area of forest reproduction by 23.2 percent;

For the fourth subprogram, providing implementation of the government program, “Development of Forestry Sector for 2013-2020” (i.e. forest management), the program calls for the allocation of 100.9 billion rubles (\$3.2 billion) from the federal budget. The main objective of the subprogram is to provide implementation of activities of the program at the federal and regional levels. Other objectives are to improve the social and economic conditions in the forestry sector, improve the quality of scientific research, and implement staff upgrading. By 2020, the subprogram calls for providing improved qualifications and “upgrading” up to 35 percent of the total number of employees involved in the forestry sector.

#### Appendix

**Table 4. Export Tariffs for Forest Product (HS 44) upon and after Russia’s WTO Accession**

HS Code	Description	Bound Rate upon WTO accession	Rate after the implementation period	Year of Implementation
4401 21 000 0	- - coniferous	5	0	2016
4401 22 000 0	- - non-coniferous	5	0	2016
4403 10 000 1	- - of oak	20. but not less than 30 € / 1m <sup>3</sup>	20. but not less than 30 € / 1m <sup>3</sup>	2012
4403 20 110 1	- - - - of a diameter not less than 15 cm but not more than 24 cm, of a length not less than 1 m	See tables 2 and 3		-
4403 20 110 2	- - - - of a diameter more than 24 cm, of a length not less than 1 m	See tables 2 and 3		-
4403 20	- - - - wood in the rough,	See tables 2 and 3		-

190 1	whether or not stripped of bark or sapwood, not roughly squared, of a diameter less than 15 cm			
4403 20 190 9	- - - - other	See tables 2 and 3		-
4403 20 310 1	- - - - of a diameter not less than 15 cm but not more than 24 cm, of a length not less than 1 m	See tables 2 and 3		-
4403 20 310 2	- - - - of a diameter more than 24 cm, of a length not less than 1 m	See tables 2 and 3		-
4403 20 390 1	- - - - wood in the rough, whether or not stripped of bark or sapwood, not roughly squared, of a diameter less than 15 cm	See tables 2 and 3		-
4403 20 390 9	- - - - other	See tables 2 and 3		-
4403 91 100 0 and 4403 91 900 0	- - - logs: and other	20. but not less than 30 € / 1m3	20. but not less than 30 € / 1m3	2012
From 4403 99 510 1 to 4403 99 5901	- - - - - of a diameter not less than 15 cm but not more than 24 cm, of a length not less than 1 m	7	7	2012
4403 99 590 9	- - - - - other	7	7	2012
4403 99 950 2	- - - - of aspen	5	5	2012
4406 10 000 0 and 4406 90 000 0	- not impregnated, and other	10. but not less than 5 € / 1m3	0	2016
4407 10 150 0	- - sanded; end- jointed, whether or not planed or sanded	3. but not less than 2.5 € / 1m3	0	2016
4407 10 310 0	- - - - spruce of the species 'Picea abies Karst.' or silver fir (Abies alba Mill.)	3. but not less than 2.5 € / 1m3	0	2016
From 4407 10 330 0 to	- - - - pine of the species "Pinus sylvestris L."	3. but not less than 2.5 € / 1m3	0	2016

4407 91 900 0				
4407 92 000 0	- - of beech (Fagus spp.)	10. but not less than 10 € / 1m3	10. but not less than 10 € / 1m3	2012
From 4407 93 100 0 to 4407 94 900 0	- - - planed; end- jointed, whether or not planed or sanded	10. but not less than 5 € / 1m3	0	2016
From 4407 95 100 0 to4407 95 900 0	- - - planed; end- jointed, whether or not planed or sanded	10. but not less than 12 € / 1m3	10. but not less than 12 € / 1m3	2012
From 4407 99 200 0 To 4408 90 150 1	- - - end- jointed, whether or not planed or sanded	10. but not less than 5 € / 1m3	0	2016
4408 90 150 1	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 150 2	- - - - other	10. but not less than 5 € / 1m3	0	2016
4408 90 150 2	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 150 3	- - - - other, with at least one outer ply of non-coniferous wood	10. but not less than 5 € / 1m3	0	2016
4408 90 150 3	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 150 4	- - - - other	10. but not less than 5 € / 1m3	0	2016
4408 90 150 4	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 150 9	- - - other	10. but not less than 5 € / 1m3	0	2016
4408 90 150 9	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 350 0	- - - small boards for the manufacture of pencils	10. but not less than 5 € / 1m3	0	2016
4408 90 350 0	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 €	2012

			/ 1m3	
4408 90 850 1	----- with at least one outer ply of non-coniferous wood	10. but not less than 5 € / 1m3	0	2016
4408 90 850 1	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 850 2	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 850 2	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 850 3	----- other, with at least one outer ply of non- coniferous wood	10. but not less than 5 € / 1m3	0	2016
4408 90 850 3	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 850 4	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 850 4	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 850 9	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 850 9	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 950 1	----- with at least one outer ply of non-coniferous wood	10. but not less than 5 € / 1m3	0	2016
4408 90 950 1	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 950 2	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 950 2	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 950 3	----- other, with at least one outer ply of non- coniferous wood	10. but not less than 5 € / 1m3	0	2016
4408 90 950 3	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012

4408 90 950 4	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 950 4	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4408 90 950 9	----- other	10. but not less than 5 € / 1m3	0	2016
4408 90 950 9	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
From 4409 10 110 0 To 4409 29 100 0	-- mouldings for frames for paintings, photographs, mirrors or similar objects	10. but not less than 5 € / 1m3	0	2016
4409 29 100 0	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4409 29 910 0	---- blocks, strips and friezes for parquet or wood block flooring, not assembled	10. but not less than 5 € / 1m3	0	2016
4409 29 910 0	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
4409 29 980 0	---- other	10. but not less than 5 € / 1m3	0	2016
4409 29 980 0	Of oak, beech or ash	5. but not less than 6 € / 1m3	5. but not less than 6 € / 1m3	2012
From 4410 11 000 1 to 4421 90 980 0	--- unworked or not further worked other than sanded; oriented strand board (OSB); with at least one outer ply of tropical wood specified in subheading note 1 to this chapter; Densified wood in blocks, plates, strips or profile shapes; other....	10. but not less than 5 € / 1m3	0	2016

**Table 5. Import Tariffs for Forest Products (HS 44) Upon and After Russia's WTO Accession**

<b>HS Code</b>	<b>Description</b>	<b>Bound Rate Upon WTO Accession</b>	<b>Final Bound Rate</b>	<b>Year of Implementation</b>
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4401	Fuel wood, in logs, in billets, in twigs, in faggots or in similar forms; wood in chips or particles; sawdust and wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms:			
4401 10 000	- fuel wood, in logs, in billets, in twigs, in faggots or in similar forms:			
4401 10 000 1	- - fuel wood in logs of a length not exceeding 1 m or in splitted logs and billets	15	10	2015
4401 10 000 9	- - other	15	10	2015
	- wood in chips or particles:			
4401 21 000 0	- - coniferous	15	5	2016
4401 22 000 0	- - non-coniferous	15	8	2015
4401 30	- sawdust and wood waste and scrap, whether or not agglomerated in logs, briquettes, pellets or similar forms:			
4401 30 100 0 and 4401 30 900 0	- - sawdust and other	15	10	2015
4402	Wood charcoal (including shell or nut charcoal), whether or not agglomerated:			
4402 10 000 0 and 4402 90 000 0	- of bamboo and other	15	5	2015
4403	Wood in the rough, whether or not stripped of bark or sapwood, or roughly squared:			
4403 10 000	- treated with paint, stains, creosote or other preservatives:			
4403 10 000 1	- - of oak	15	8	2016
4403 10 000 2 and 4403 10 000 3	- - of beech and of ash	15	10	2014

4403 10 000 9	poles of coniferous wood, injected or otherwise impregnated to any degree, not less than 6 m nor more than 18 m in length and with a circumference at the butt end of more than 45 cm but not more than 90 cm	15	8	2016
4403 10 000 9	other	15	10	2014
4403 20	- other, coniferous:			
	- - spruce of the species 'Picea abies Karst.' or silver fir (Abies alba Mill.):			
From 4403 20 110 to 4403 20 990 9	- - -sawlogs: and other	15	8	2015
	- other, of tropical wood specified in subheading note 1 to this chapter:			
From 4403 41 000 0 to 4403 49 950 0	- - dark Red Meranti, Light Red Meranti and Meranti Bakau	15	5	2016
4403 91	- - of oak (Quercus spp.):			
From 4403 91 100 0 to 4403 99 100 0	- - - sawlogs:	15	10	2014
4403 99 300 0	- - - of eucalyptus	15	8	2016
	- - - of birch:			
4403 99 510	- - - - sawlogs:			
From 4403 99 510 1 to 4403 99 950 9	- - - - of a diameter not less than 15 cm but not more than 24 cm, of a length not less than 1 m	15	10	2014
4404 10 000 0	- coniferous	15	10	2015
4404 20 000 0	- non- coniferous	15	10	2014
4405 00 000 0	Wood wool; wood flour.	15	10	2015

4406	Railway or tramway sleepers (cross-ties) of wood:			
From 4406 10 000 0 to 4407 10 980 0	- not impregnated; including Wood, sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end- jointed, of a thickness exceeding 6 mm: etc.	15	10	2014
	- of tropical wood specified in subheading note 1 to this chapter:			
From 4407 21 to 4407 26 900 0	- - mahogany ( <i>Swietenia</i> spp.):			
	- - - other:			
	- - - - planed:			
4407 91 390 0 and 4407 91 310 0	- - - - - blocks, strips and friezes for parquet or wood block flooring, not assembled and other	15	10	2014
4407 91 900 0	- - - - other	15	12	2014
4407 92 000 0	- - of beech ( <i>Fagus</i> spp.)	15	12	2015
4407 93	- - of maple ( <i>Acer</i> spp.):			
4407 93 100 0	- - - planed; end- jointed, whether or not planed or sanded	15	10	2014
	- - - other:			
4407 93 500 0	- - - - sanded	15	10	2014
4407 93 900 0	- - - - other	15	13	2014
4407 94	- - of cherry ( <i>Prunus</i> spp.):			
4407 94 100 0 and 4407 94 500 0	- - - planed; end- jointed, whether or not planed or sanded	15	10	2014
4407 94 900 0	- - - - other	15	13	2014
4407 95	- - of ash ( <i>Fraxinus</i> spp.):			
4407 95 100 0 and other	- - - planed; end- jointed, whether or not planed or sanded	15	10	2014

4407 95 900 0	- - - - other	15	13	2014
4407 99	- - other:			
4407 99 200 0	- - - end- jointed, whether or not planed or sanded	15	10	2014
	- - - other:			
4407 99 250 0	- - - - planed	15	10	2014
4407 99 400 0	- - - - sanded	15	10	2014
	- - - - other:			
4407 99 910 0	- - - - - of poplar	15	10	2014
4407 99 960 0	- - - - - of tropical wood	15	13	2014
4407 99 980	- - - - - other:			
4407 99 980 1	- - - - - lumber sawn lengthways, of birch and of aspen	15	13	2014
4407 99 980 2	- - - - - of walnut	15	10	2014
4407 99 980 8	- - - - - other	15	13	2014
4408	Sheets for veneering (including those obtained by slicing laminated wood), for plywood or for similar laminated wood and other wood, sawn lengthwise, sliced or peeled, whether or not planed, sanded, spliced or end-jointed, of a thickness not exceeding 6 mm::			
4408 10	- coniferous:			
4408 10 150	- - planed; sanded; end- jointed, whether or not planed or sanded:			
	- - - sheets for veneering obtained by slicing laminated wood:			
	- - - - plywood (other than of heading 4412):			
4408 10 150 1	- - - - - with at least one outer ply of non-coniferous wood	15	12	2015
4408 10 150 2	- - - - - other	15	10	2015
4408 10 150 3	- - - - other, with at least one outer ply of non-coniferous wood	15	11	2015
4408 10 150 4	- - - - other	15	10	2016

From 4408 10 150 9 to 4408 10 930 1	- - - other	15	12	2015
	- - - - - other:			
4408 10 930 2	- - - - - with at least one outer ply of non-coniferous wood	15	11	2015
4408 10 930 3	- - - - - other	15	10	2015
4408 10 930 9	- - - - - other	15	12	2015
4408 10 990	- - - - of a thickness exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 10 990 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of non- coniferous wood	15	12	2015
	- - - - - other:			
4408 10 990 2	- - - - - with at least one outer ply of non-coniferous wood	15	11	2015
4408 10 990 3	- - - - - other	15	10	2015
4408 10 990 9	- - - - - other	15	12	2015
	- of tropical wood specified in subheading note 1 to this chapter:			
4408 31	- - dark red meranti, light red meranti and meranti bakau:			
4408 31 110	- - - end-jointed, whether or not planed or sanded:			
	- - - - sheets for veneering obtained by slicing laminated wood:			
4408 31 110 1	- - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in subheading 4408 31	15	9	2015
4408 31 110 2	- - - - other	15	10	2016
4408 31 110 9	- - - - other	10	4	2016
	- - - other:			
4408 31 210	- - - - planed:			
	- - - - sheets for veneering obtained by			

	slicing laminated wood:			
4408 31 210 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in subheading 4408 31	15	9	2015
4408 31 210 2	- - - - - other	15	10	2016
4408 31 210 9	- - - - - other	10	4	2015
4408 31 250	- - - - sanded:			
	- - - - sheets for veneering obtained by slicing laminated wood:			
4408 31 250 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in subheading 4408 31	15	9	2015
4408 31 250 2	- - - - - other	15	10	2016
4408 31 250 9	- - - - - other	10	4	2015
4408 31 300	- - - - other:			
	- - - - sheets for veneering obtained by slicing laminated wood:			
4408 31 300 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in subheading 4408 31	15	9	2015
4408 31 300 2	- - - - - other	15	10	2016
4408 31 300 9	- - - - - other	10	4	2015
4408 39	- - other:			
	- - - acajou d'Afrique, limba, mahogany (Swietenia spp.), obeche, okoumé, palissandre de Para, palissandre de Rio, palissandre de Rose, sapelli, sipo, virola and white lauan:			
4408 39 150	- - - - sanded; end- jointed, whether or not planed or sanded:			
	- - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 150 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in three-dash subheading after subheading 4408 39	15	9	2015
4408 39	- - - - - other	15	10	2016

150 2				
4408 39 150 9	- - - - - other	10	5	2015
	- - - - - other:			
4408 39 210	- - - - - planed:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 210 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in three-dash subheading after subheading 4408 39	15	9	2015
4408 39 210 2	- - - - - other	15	10	2016
4408 39 210 9	- - - - - other	10	5	2015
	- - - - - other:			
4408 39 310	- - - - - of a thickness not exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 310 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in three-dash subheading after subheading 4408 39	15	9	2015
4408 39 310 2	- - - - - other	15	10	2016
4408 39 310 9	- - - - - other	10	5	2015
4408 39 350	- - - - - of a thickness exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 350 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of wood specified in three-dash subheading after subheading 4408 39	15	9	2015
4408 39 350 2	- - - - - other	15	10	2016
4408 39 350 9	- - - - - other	10	5	2015
	- - - other:			
4408 39 550	- - - - - planed; sanded; end- jointed, whether or not planed or sanded:			
	- - - - - sheets for veneering obtained by			

	slicing laminated wood:			
4408 39 550 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of other tropical wood	15	9	2015
4408 39 550 2	- - - - - other	15	10	2016
4408 39 550 9	- - - - - other	10	5	2015
	- - - - other:			
4408 39 700 0	- - - - - small boards for the manufacture of pencils	10	5	2015
	- - - - - other:			
4408 39 850	- - - - - of a thickness not exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 850 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of other tropical wood	15	9	2015
4408 39 850 2	- - - - - other	15	10	2016
4408 39 850 9	- - - - - other	10	5	2015
4408 39 950	- - - - - of a thickness more than 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
4408 39 950 1	- - - - - plywood (other than of heading 4412) with at least one outer ply of other tropical wood	15	9	2015
4408 39 950 2	- - - - - other	15	10	2016
4408 39 950 9	- - - - - other	10	5	2015
4408 90	- other:			
4408 90 150	- - end-jointed, whether or not planed or sanded:			
	- - - sheets for veneering obtained by slicing laminated wood:			
	- - - - plywood (other than of heading 4412):			
4408 90 150 1	- - - - - with at least one outer ply of non-coniferous wood	15	12	2015
4408 90 150 2	- - - - - other	15	10	2015

4408 90 150 3	- - - - other, with at least one outer ply of non-coniferous wood	15	11	2015
4408 90 150 4	- - - - other	15	10	2016
From 4408 90 150 9 to 4408 90 350 0	- - - other	15	7	2015
	- - - other:			
4408 90 850	- - - - of a thickness not exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
	- - - - - - plywood (other than of heading 4412):			
4408 90 850 1	- - - - - - with at least one outer ply of non-coniferous wood	15	12	2015
4408 90 850 2	- - - - - - other	15	10	2015
4408 90 850 3	- - - - - - other, with at least one outer ply of non-coniferous wood	15	11	2015
4408 90 850 4	- - - - - - other	15	10	2016
4408 90 850 9	- - - - - other	15	7	2015
4408 90 950	- - - - of a thickness exceeding 1 mm:			
	- - - - - sheets for veneering obtained by slicing laminated wood:			
	- - - - - - plywood (other than of heading 4412):			
4408 90 950 1	- - - - - - with at least one outer ply of non-coniferous wood	15	12	2015
4408 90 950 2	- - - - - - other	15	10	2015
4408 90 950 3	- - - - - - other, with at least one outer ply of non-coniferous wood	15	11	2015
4408 90 950 4	- - - - - - other	15	10	2016
4408 90 950 9	- - - - - other	15	7	2015
4409	Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved,			

	rebated, chamfered, V-jointed, beaded, moulded, rounded or the like) along any of its edges, ends or faces, whether or not planed, sanded or end-jointed:			
4409 10	- coniferous:			
4409 10 110 0	- - mouldings for frames for paintings, photographs, mirrors or similar objects	15	8	2016
4409 10 180 0	- - other	15	9	2016
	- non- coniferous:			
From 4409 21 000 0 to 4409 29 100 0	- - of bamboo and mouldings for frames for paintings, photographs, mirrors or similar objects; other	15	8	2014
4409 29 910 0	- - - blocks, strips and friezes for parquet or wood block flooring, not assembled	15	8	2015
4409 29 980 0	- - - - other	15	8	2016
4410	Particle board, oriented strand board (OSB) and similar board (for example, waferboard) of wood or other ligneous materials, whether or not agglomerated with resins or other organic binding substances:			
	- of wood:			
4410 11 000	- - particle board:			
4410 11 000 1	- - - unworked or not further worked other than sanded	20	8	2017
	- - - other:			
4410 11 000 2	- - - - surfaced with high-pressure decorative laminates or with melamine resin impregnated paper	15	5	2016
From 4410 11 000 8 to 4410 19 000 1	- - - - other ;oriented strand board (OSB)	15	8	2016
	- - - other:			
4410 19 000 2	- - - - unworked or not further worked other than sanded	20	8	2017
4410 19 000 3	- - - - surfaced with high-pressure decorative laminates or with melamine	15	5	2016

	resin impregnated paper			
4410 19 0008 and 4410 90 000 0	- - - - other	15	8	2016
4411	Fibreboard of wood or other ligneous materials, whether or not bonded with resins or other organic substances:			
	- medium density fibreboard (MDF):			
From 4411 12 000 0 to 4412 10 000	- - of a thickness not exceeding 5 mm	15	5	2016
	- - plywood, each ply not exceeding 6 mm thickness:			
4412 10 000 1	- - - with at least one outer ply of tropical wood specified in subheading note 1 to this chapter	15	9	2015
	- - - other:			
4412 10 000 2	- - - - with at least one outer ply of non-coniferous wood	15	12	2015
4412 10 000 3	- - - - other	15	10	2015
4412 10 000 4	- - other, with at least one ply of tropical wood specified in subheading note 1 to this chapter	15	10	2016
	- - other:			
4412 10 000 5	- - - with at least one outer ply of non-coniferous wood	15	11	2015
	- - - other:			
4412 10 000 6	- - - - containing at least one layer of particle board	15	12	2015
4412 10 000 9	- - - - other	15	10	2016
	- other plywood consisting solely of sheets of wood (other than bamboo), each ply not exceeding 6 mm thickness:			
4412 31	- - with at least one outer ply of tropical wood specified in Subheading Note 1 to this Chapter:			
4412 31 100 0 and	- - - of dark red meranti, light red meranti, white lauan, sipo, limba, obeche, acajou d'Afrique, sapelli, virola,	15	9	2015

4412 31 900 0	mahogany (Swietenia spp.), palissandre de Rio, palissandre de Para and palissandre de Rose			
4412 32 000 0	- - other, with at least one outer ply of non-coniferous wood	15	12	2015
4412 39 000 0	- - other	15	10	2015
	- other:			
4412 94	- - blockboard, laminboard and battenboard:			
4412 94 100	- - - with at least one outer ply of non-coniferous wood:			
4412 94 100 1	- - - - with at least one ply of tropical wood specified in subheading note 1 to this chapter	15	10	2016
4412 94 100 9	- - - - other	15	11	2015
4412 94 900 0	- - - other	15	10	2016
4412 99	- - other:			
4412 99 100	- - - containing at least one layer of particle board:			
4412 99 100 1	- - - - with at least one ply of tropical wood specified in subheading note 1 to this chapter	15	10	2016
4412 99 100 2	- - - - other, with at least one outer ply of non-coniferous wood	15	11	2015
4412 99 100 9	- - - - other	15	12	2015
4412 99 900	- - - other:			
4412 99 900 1	- - - - with at least one outer ply of non-coniferous wood, other than tropical wood specified in subheading note 1 to this chapter	15	11	2015
4412 99 900 9	- - - - other	15	10	2016
4413 00 000 0	Densified wood in blocks, plates, strips or profile shapes	15	12	2015
4414 00	Wooden frames for paintings, photographs, mirrors or similar objects:			
4414 00 100 0 and 4414 00	- of tropical wood as specified in Additional Note 2 to this Chapter	15	8	2015

900 0				
4415	Packing cases, boxes, crates, drums and similar packings, of wood; cable- drums of wood; pallets, box pallets, and other load boards, of wood; pallet collars of wood:			
4415 10	- cases, boxes, crates, drums and similar packings; cable- drums:			
4415 10 100 0 and 4415 10 900 0	- - cases, boxes, crates, drums and similar packings and cable drums	15	9	2015
4415 20	- pallets, box pallets and other load boards; pallet collars:			
4415 20 200 0 and 4415 20 900 0	- - flat pallets; pallet collars and other	5		
4416 00 000 0	Casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood, including staves	15	10	2015
4417 00 000 0	Tools, tool bodies, tool handles, broom or brush bodies and handles, of wood; boot or shoe lasts and trees, of wood	20	13	2014
4418	Builders' joinery and carpentry of wood, including cellular wood panels, assembled flooring panels, shingles and shakes.			
4418 10	- windows, French- windows and their frames:			
4418 10 100 0	- - of tropical wood, as specified in additional note 2 to this chapter	20	14	2017
4418 10 500 0 and 4418 10 900 0	- - coniferous and other	20	12	2015
4418 20	- doors and their frames and thresholds:			
4418 20 100 0	- - of tropical wood as specified in Additional Note 2 to this Chapter	20	12	2017
From 4418 20 500 0 to	- - coniferous	20	10	2016

4418 50 000 0				
4418 60 000 0	- posts and beams	20	11	2015
	- assembled flooring panels:			
4418 71 000 0	- - for mosaic floors	20	11	2016
From 4418 72 000 0 to 4418 90 800 0	- - other, multilayer	20	11	2015
4419 00	Tableware and kitchenware, of wood:			
From 4419 00 100 0 to 4420 90 990 0	- of tropical wood as specified in Additional Note 2 to this Chapter	15	8	2016
4421	other articles of wood:			
From 4421 10 000 0 to 4421 90 980 0	- clothes hangers	15	9	2016