

**Net Primary Production of forested area of Russian forests
by dominant species and age classes**

Tree species	NPP, Tg of carbon by age classes							NPP density, g C m ⁻²
	young 1	young 2	middle age	immature	mature	over mature	total	
European part								
Coniferous	10.8	44.3	76.1	34.2	85.2	84.6	335.2	322
Pine	6.1	25.4	49.1	15.2	20.8	19.4	136.1	288
Spruce	4.7	18.6	25.3	17.8	62.0	63.5	191.9	351
Fir	0.0	0.1	0.7	0.4	1.1	0.8	3.1	391
Larch	0.1	0.2	0.3	0.1	0.5	0.7	1.8	457
Cedar	0.0	0.0	0.7	0.6	0.8	0.1	2.3	255
Hard deciduous	0.7	2.8	23.3	6.8	8.6	4.5	46.7	736
Oak	0.5	1.9	17.0	5.2	5.9	1.7	32.3	765
Soft deciduous	7.7	21.6	114.4	43.4	54.3	28.1	269.6	454
Birch	5.3	14.7	91.8	31.2	36.8	15.3	195.1	440
Aspen	1.8	5.0	8.4	7.2	9.8	8.6	40.8	417
Other species	0.0	0.0	0.1	0.0	0.1	0.1	0.4	321
Shrubs	0.0	0.1	0.5	0.0	0.1	0.1	0.8	166
Total	19.3	68.9	214.3	84.5	148.4	117.5	652.8	383
Asian part								
Coniferous	36.5	81.2	328.2	158.8	384.3	281.6	1270.5	292
Pine	7.8	14.2	53.0	23.9	63.8	42.0	204.6	254
Spruce	0.2	1.5	11.4	10.2	37.5	35.1	96.0	323
Fir	1.1	2.8	10.3	8.0	16.5	6.5	45.2	294
Larch	25.2	55.9	177.7	67.3	239.8	196.2	762.1	285
Cedar	2.2	6.8	75.8	49.4	26.7	1.7	162.7	390
Hard deciduous	0.4	2.3	9.8	4.9	15.4	6.8	39.6	303
Oak	0.3	1.9	7.4	3.0	4.8	1.2	18.6	549
Soft deciduous	4.4	16.3	107.4	34.1	71.5	60.4	294.2	351
Birch	2.2	10.5	93.3	27.6	54.6	43.6	231.7	349
Aspen	2.1	5.4	10.9	4.5	9.1	14.0	45.9	324
Other species	0.0	0.1	2.2	0.1	0.0	0.0	2.4	231
Shrubs	1.8	21.2	63.2	12.2	19.5	4.7	122.6	167
Total	43.1	121.2	510.8	210.0	490.7	353.5	1729.3	285
Russian Federation, total								
Coniferous	47.3	125.5	404.3	193.0	469.5	366.2	1605.7	298
Pine	13.8	39.6	102.1	39.1	84.6	61.4	340.7	267
Spruce	4.9	20.1	36.7	28.1	99.5	98.6	287.8	341
Fir	1.1	2.9	10.9	8.4	17.6	7.4	48.3	298
Larch	25.3	56.0	178.0	67.4	240.2	197.0	764.0	286
Cedar	2.2	6.9	76.6	49.9	27.5	1.9	164.9	386
Hard deciduous	1.1	5.1	33.1	11.8	23.9	11.4	86.4	446
Oak	0.8	3.9	24.5	8.2	10.7	2.9	50.9	669
Soft deciduous	12.2	38.0	221.8	77.5	125.9	88.5	563.8	394
Birch	7.5	25.2	185.1	58.8	91.4	58.9	426.8	385
Aspen	3.8	10.4	19.3	11.8	18.8	22.6	86.8	362
Other species	0.0	0.1	2.3	0.1	0.2	0.1	2.8	241
Shrubs	1.9	21.3	63.7	12.2	19.6	4.8	123.5	167
Total	62.4	190.1	725.1	294.6	639.1	471.0	2382.2	307