

**Phytomass and carbon content of forested area of Russia forests  
by dominant species and phytomass fractions**

Tree species	Phytomass component, Tg of dry organic matter							Phytomass total	Green parts
	stem	of which bark	branches	foliage	roots	under-story	green forest floor		
European part									
Coniferous	6142.4	728.2	1055.5	601.7	2282.2	210.3	481.4	10773.5	857.4
Pine	2918.6	296.9	388.5	200.7	776.3	51.7	282.9	4618.9	329.4
Spruce	3021.5	402.1	626.6	380.3	1446.0	154.4	192.5	5821.3	503.6
Fir	88.2	11.3	16.7	8.2	18.9	1.8	2.0	135.9	9.5
Larch	28.7	5.1	4.3	1.0	12.4	0.7	1.6	48.6	1.9
Cedar	85.3	12.8	19.3	11.5	28.7	1.7	2.3	148.7	12.9
Hard									
deciduous	515.5	71.8	133.0	24.9	326.8	14.0	23.5	1037.7	38.5
Oak	278.8	46.7	71.0	17.9	209.9	8.3	15.2	601.1	26.5
Soft									
deciduous	4363.4	758.2	791.0	191.9	1437.2	94.6	189.5	7067.6	296.1
Birch	3185.6	574.7	574.6	145.0	942.3	72.4	143.5	5063.5	224.1
Aspen	737.5	122.4	125.9	26.8	279.2	13.7	28.9	1212.1	42.5
Other species	12.3	1.7	2.8	0.6	6.5	0.2	0.4	22.8	0.8
Shrubs	0.0	0.0	2.7	1.2	2.1	0.0	2.4	8.3	2.2
<b>Total</b>	<b>11033.6</b>	<b>1559.9</b>	<b>1984.9</b>	<b>820.3</b>	<b>4054.9</b>	<b>319.1</b>	<b>697.1</b>	<b>18909.9</b>	<b>1194.8</b>
Asian part									
Coniferous	22892.9	3517.7	3473.8	1234.4	8955.8	852.3	2079.0	39488.2	2321.7
Pine	4278.0	467.4	636.1	342.2	1290.2	116.7	624.5	7287.6	627.0
Spruce	1767.8	261.0	298.1	158.7	1016.6	96.7	116.0	3453.9	234.1
Fir	966.4	124.1	187.2	109.1	217.6	29.4	36.5	1546.2	132.5
Larch	12407.0	2232.2	1764.7	373.8	5464.3	460.7	1128.3	21598.9	963.3
Cedar	3473.6	433.1	587.8	250.7	967.2	148.8	173.7	5601.7	364.8
Hard									
deciduous	753.9	110.8	215.0	32.8	435.4	63.8	74.9	1575.8	81.9
Oak	185.3	28.1	52.4	9.4	119.7	12.0	17.0	395.8	19.8
Soft									
deciduous	4330.1	736.7	931.5	194.5	1556.2	184.0	324.9	7521.2	379.7
Birch	3302.7	567.7	703.3	152.8	1165.3	149.8	261.4	5735.4	302.3
Aspen	849.7	138.3	183.5	30.7	301.9	28.5	50.9	1445.3	59.6
Other species	3.6	3.2	3.3	1.1	8.5	3.1	4.1	23.7	2.7
Shrubs	174.6	0.0	453.9	415.0	741.0	0.0	367.9	2152.4	562.2
<b>Total</b>	<b>28155.1</b>	<b>4368.4</b>	<b>5077.6</b>	<b>1877.8</b>	<b>11696.9</b>	<b>1103.2</b>	<b>2850.7</b>	<b>50761.3</b>	<b>3348.1</b>
Russian Federation									
Coniferous	29035.3	4245.9	4529.3	1836.1	11238.0	1062.6	2560.4	50261.7	3179.0
Pine	7196.6	764.3	1024.6	542.9	2066.5	168.4	907.4	11906.4	956.4
Spruce	4789.4	663.1	924.7	539.0	2462.6	251.1	308.5	9275.2	737.7
Fir	1054.6	135.3	204.0	117.3	236.4	31.2	38.5	1682.0	142.1
Larch	12435.7	2237.3	1769.0	374.8	5476.7	461.4	1129.9	21647.5	965.2
Cedar	3558.9	445.9	607.0	262.1	995.8	150.5	176.0	5750.4	377.7
Hard									
deciduous	1269.4	182.7	348.0	57.7	762.3	77.8	98.4	2613.5	120.4
Oak	464.1	74.8	123.4	27.3	329.6	20.3	32.2	996.9	46.3
Soft									
deciduous	8693.5	1495.0	1722.5	386.4	2993.3	278.6	514.4	14588.8	675.7
Birch	6488.3	1142.4	1277.9	297.9	2107.6	222.3	404.9	10798.9	526.6
Aspen	1587.3	260.6	309.4	57.5	581.1	42.2	79.9	2657.4	102.1
Other species	16.0	4.8	6.0	1.7	15.1	3.3	4.4	46.5	3.5
Shrubs	174.6	0.0	456.6	416.2	743.1	0.0	370.2	2160.7	564.3
<b>Total</b>	<b>39188.7</b>	<b>5928.3</b>	<b>7062.5</b>	<b>2698.0</b>	<b>15751.8</b>	<b>1422.3</b>	<b>3547.8</b>	<b>69671.2</b>	<b>4542.9</b>