

Forest management plan

SIA Silva Baltic SIA

SIA Jaunmežs SIA

SIA Mālpils Mežs

SIA Istra Mežs SIA

SIA LH Forestry SIA

SIA Lettfor SIA

Privātpers. Muižnieks Arnis

SIA Zemgale Timberland, SIA

SIA Arbolat, SIA

Privātpers. Švirksts Jānis

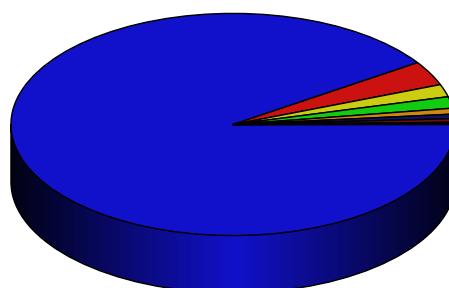
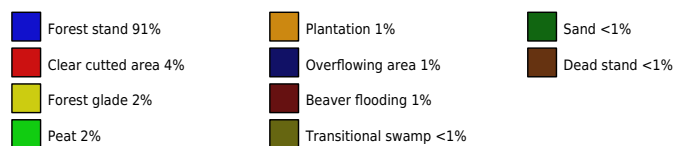
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SIA COSMO INVEST

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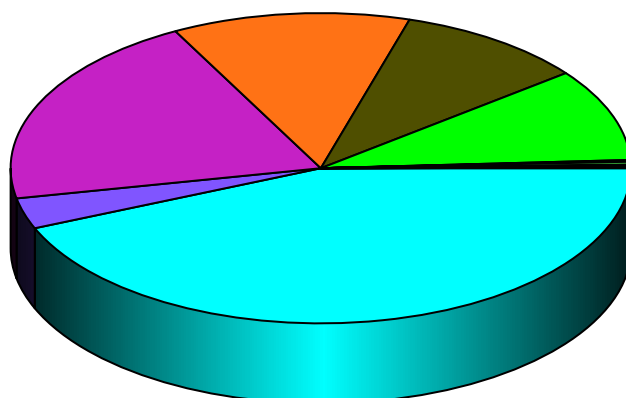
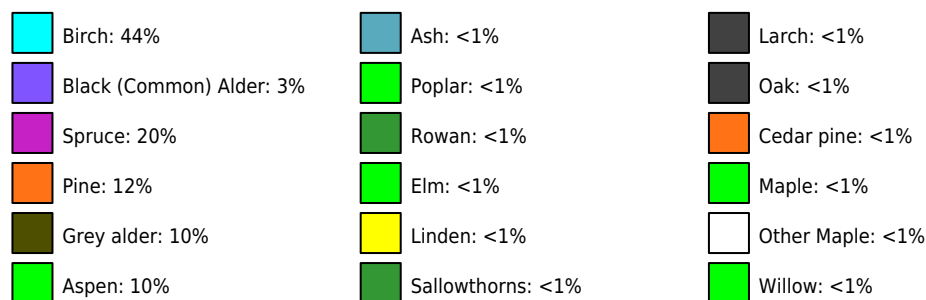
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Forest Land Categories



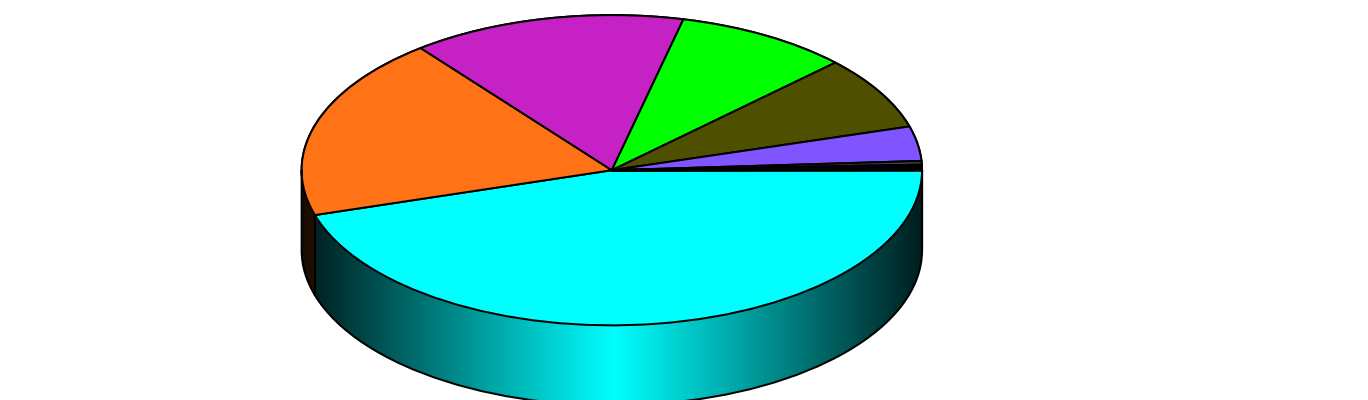
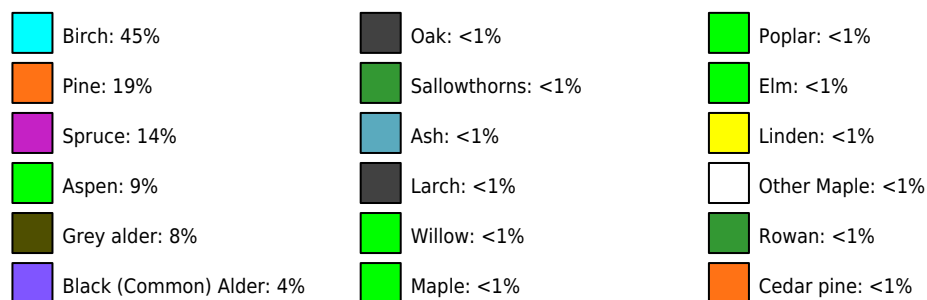
Forest land category	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Area, ha	
Forest stand	22 500.1	254.9	1 003.0	338.3	21 224.2	2 870.5	24 096.3	91%
Clear cutted area	918.6	0	16.5	9.8	899.9	45.0	944.9	4%
Forest glade	442.9	1.4	38.6	2.1	0	484.9	484.9	2%
Peat	335.3	45.5	64.2	0.6	0	445.7	445.7	2%
Plantation	226.0	0	0	0	226.0	0	226.0	1%
Overflowing area	130.9	1.2	39.6	1.3	0	173.0	173.0	1%
Beaver flooding	129.0	0.7	10.5	1.2	0	141.3	141.3	1%
Transitional swamp	56.3	0	2.3	0.1	0	58.7	58.7	<1%
Sand	13.1	0	0	0	11.4	1.7	13.1	<1%
Dead stand	10.6	0	1.2	0	10.2	1.6	11.8	<1%
Migration compartments	0	0	0	0	0	0	0	<1%
	24762.7	303.8	1175.9	353.3	22371.7	4222.4	26 595.8	100%

Forest land by Dominant species



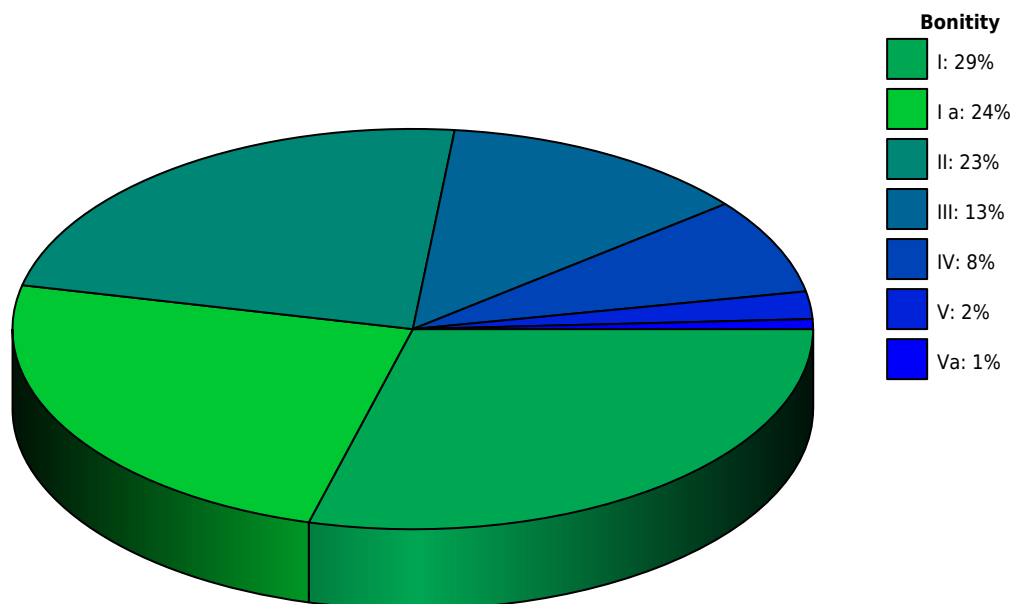
Dominant specie	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Area, ha	
Birch	9 783.3	164.7	378.4	198.4	9 329.0	1 195.0	10 524.9	44%
Black (Common) Alder	700.8	3.9	60.1	7.5	553.7	218.5	772.2	3%
Spruce	4 691.4	14.4	159.2	39.8	4 607.4	297.5	4 904.9	20%
Pine	2 676.6	54.4	228.4	24.9	2 282.3	702.1	2 984.4	12%
Grey alder	2 297.2	9.8	37.7	35.7	2 139.1	240.7	2 380.4	10%
Aspen	2 226.4	5.9	61.9	31.2	2 194.7	130.7	2 325.4	10%
Ash	19.2	0	2.0	0.7	16.2	5.6	21.8	<1%
Poplar	12.5	0	0	0	12.5	0	12.5	<1%
Rowan	1.8	0	0	0	1.8	0	1.8	<1%
Elm	0	0	3.8	0	0	3.8	3.8	<1%
Linden	0	0.9	2.7	0	0	3.6	3.6	<1%
Sallowthorns	74.6	0.8	2.7	0.1	74.5	3.6	78.1	<1%
Larch	7.8	0	0	0	6.1	1.7	7.8	<1%
Oak	0	0	54.5	0	0	54.5	54.5	<1%
Cedar pine	0.1	0	0	0	0.1	0	0.1	<1%
Maple	0	0	8.1	0	0	8.1	8.1	<1%
Other Maple	0.5	0	0	0	0.5	0	0.5	<1%
Willow	8.9	0	3.4	0	7.3	5.1	12.4	<1%
Total	22501.3	254.9	1003.0	338.3	21225.3	2870.5	24 097.4	100%

Forest volume by Dominant specie



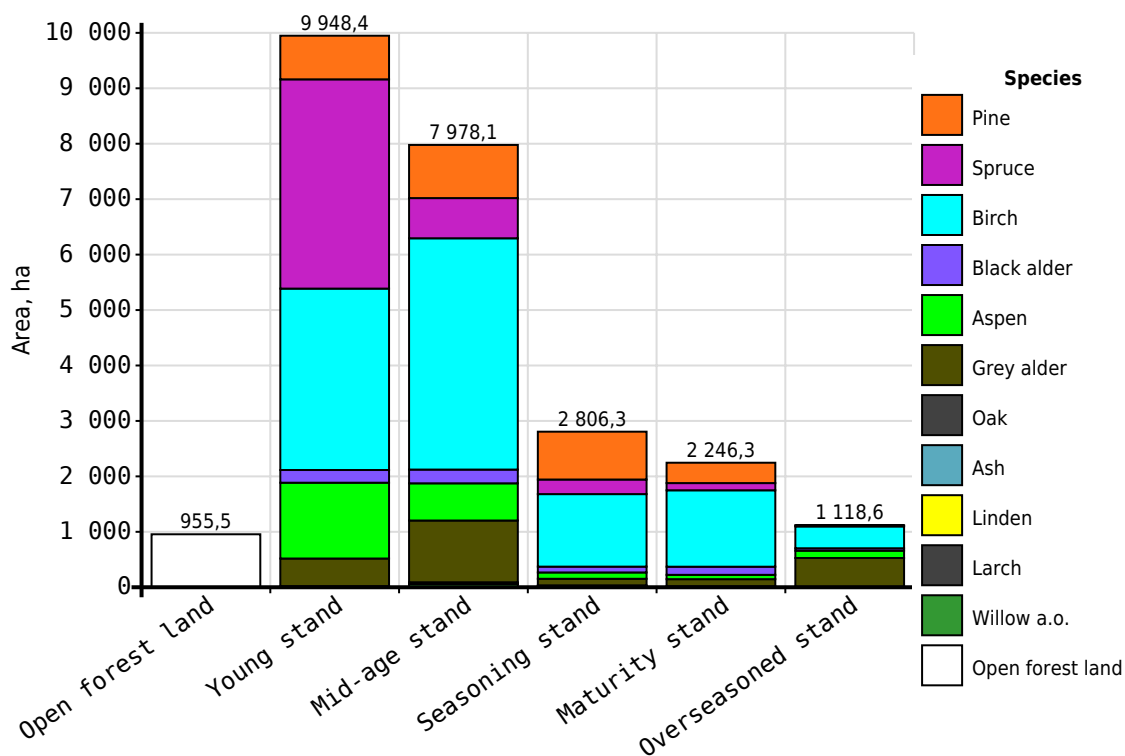
Dominant specie	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Volume, m ³	
Birch	1 462 387.0	33 430.0	70 817.0	25 920.0	1 382 536.0	209 864.0	1 592 554	45%
Pine	594 045.0	12 609.0	57 856.0	6 464.0	514 990.0	155 984.0	670 974	19%
Spruce	458 546.0	3 885.0	33 605.0	5 446.0	447 478.0	54 004.0	501 482	14%
Aspen	302 620.0	1 418.0	12 780.0	2 706.0	295 265.0	24 259.0	319 524	9%
Grey alder	255 418.0	1 305.0	6 781.0	5 177.0	233 104.0	35 523.0	268 681	8%
Black (Common) Alder	112 305.0	846.0	11 581.0	1 609.0	78 349.0	47 992.0	126 341	4%
Oak	0	0	13 411.0	0	0	13 411.0	13 411	<1%
Sallowthorns	5 475.0	74.0	280.0	7.0	5 466.0	370.0	5 836	<1%
Ash	4 875.0	0	326.0	122.0	3 834.0	1 489.0	5 323	<1%
Larch	2 740.0	0	0	0	2 305.0	435.0	2 740	<1%
Willow	1 183.0	0	619.0	0	878.0	924.0	1 802	<1%
Maple	0	0	1 645.0	0	0	1 645.0	1 645	<1%
Poplar	1 341.0	0	0	0	1 341.0	0	1 341	<1%
Elm	0	0	732.0	0	0	732.0	732	<1%
Linden	0	47.0	554.0	0	0	601.0	601	<1%
Other Maple	51.0	0	0	0	51.0	0	51	<1%
Rowan	43.0	0	0	0	43.0	0	43	<1%
Cedar pine	26.0	0	0	0	26.0	0	26	<1%
Total	3201055.0	53614.0	210987.0	47451.0	2965666.0	547233.0	3 513 107	100%

Forest land by Bonities



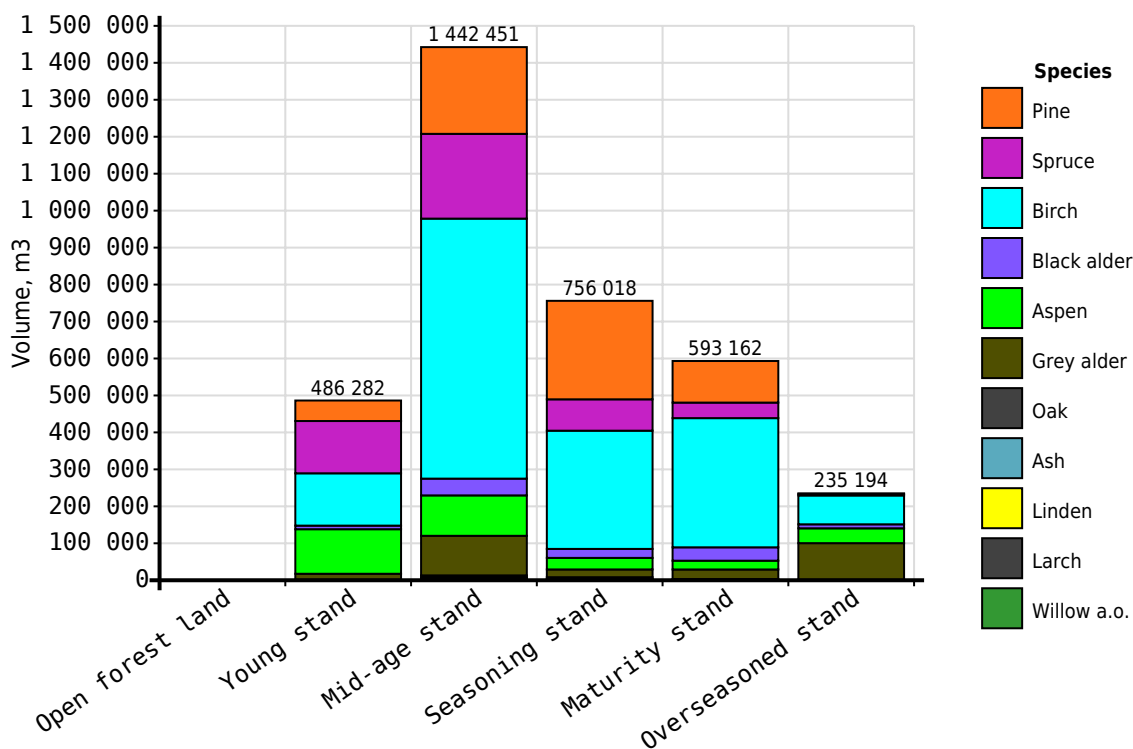
Bonity	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Area, ha	
I	6 870.2	50.9	317.4	73.1	6 728.1	582.6	7 311.6	29%
I a	5 870.8	38.2	132.6	55.5	5 788.9	307.5	6 097.1	24%
II	5 303.2	68.7	333.7	93.7	5 033.3	766.1	5 799.4	23%
III	2 897.0	25.8	155.9	73.8	2 705.1	447.3	3 152.4	13%
IV	1 799.3	48.4	51.6	36.7	1 389.8	546.1	1 936.0	8%
V	511.7	13.3	15.7	15.3	404.6	151.4	556.0	2%
Va	177.0	9.7	13.8	0	84.5	116.1	200.5	1%
	23429.3	254.9	1020.7	348.1	22134.3	2917.1	25 053.0	100%

Forest land by age groups



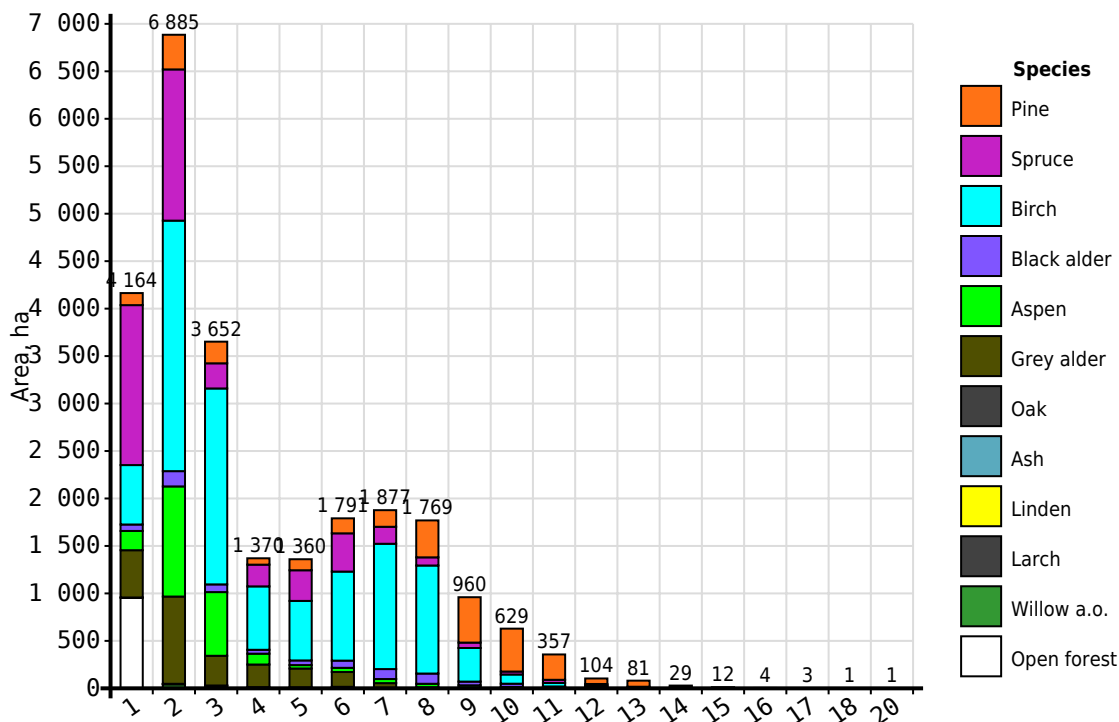
Age group	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Area, ha
Open forest land	928.0	0	17.7	9.8	909.0	46.5	955.5
Young stand	9 656.8	15.6	148.7	127.3	9 574.4	374.0	9 948.3
Mid-age stand	7 457.9	71.3	349.7	99.0	7 031.7	944.7	7 977.9
Seasoning stand	2 563.5	35.7	170.1	36.8	2 363.8	442.4	2 806.1
Maturity stand	1 862.0	84.4	239.1	60.9	1 623.8	622.6	2 246.4
Overseasoned stand	961.0	48.0	95.3	14.3	631.8	486.9	1 118.6
	23429.3	254.9	1020.7	348.1	22134.3	2917.1	25 053.0

Forest volume by age groups per dominant specie



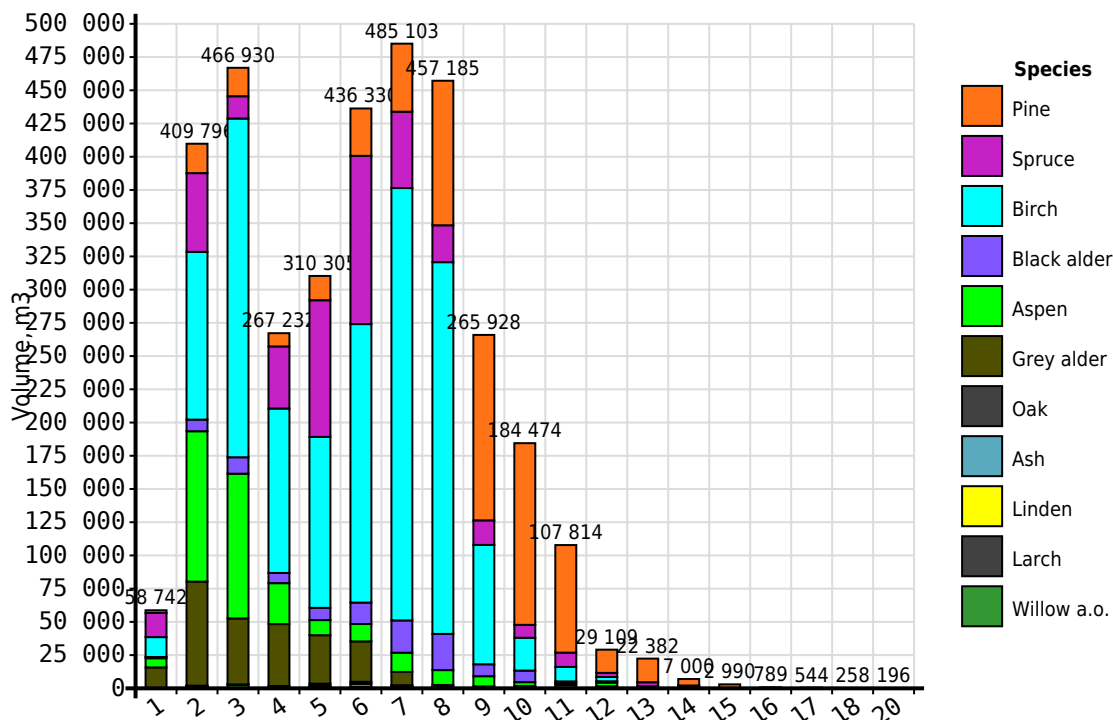
Age group	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Volume, m3
Open forest land	0	0	0	0	0	0	0
Young stand	471 071.0	712.0	9 776.0	4 723.0	465 596.0	20 686.0	486 282
Mid-age stand	1 347 039.0	11 694.0	69 047.0	14 671.0	1 264 883.0	177 360.0	1 442 451
Seasoning stand	690 713.0	10 130.0	46 336.0	8 839.0	650 125.0	105 893.0	756 018
Maturity stand	489 694.0	22 047.0	65 215.0	16 206.0	441 821.0	151 341.0	593 162
Overseasoned stand	202 538.0	9 031.0	20 613.0	3 012.0	143 241.0	91 953.0	235 194
	3201055.0	53614.0	210987.0	47451.0	2965666.0	547233.0	3 513 107

Forest land by age class



Age class, deci years	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Area, ha
Age 1-10 years	4 061.9	0	46.1	55.6	4 003.3	160.3	4 163.6
Age 11-20 years	6 673.6	15.6	102.1	94.1	6 625.4	260.1	6 885.5
Age 21-30 years	3 500.1	8.6	89.8	52.8	3 483.6	167.0	3 651.3
Age 31-40 years	1 278.6	29.8	44.6	17.7	1 247.2	122.5	1 370.6
Age 41-50 years	1 269.8	7.6	73.3	10.4	1 138.9	222.1	1 361.0
Age 51-60 years	1 609.8	11.8	148.8	20.4	1 381.7	409.1	1 790.8
Age 61-70 years	1 724.0	22.2	101.1	30.6	1 548.6	329.3	1 877.9
Age 71-80 years	1 528.9	68.0	140.3	31.5	1 271.1	497.6	1 768.7
Age 81-90 years	824.6	39.8	86.5	8.4	707.5	251.8	959.3
Age 91-100 years	537.7	23.3	61.0	8.1	443.3	186.7	630.1
Age 101-110 years	276.2	17.0	54.0	11.4	222.7	136.0	358.6
Age 111-120 years	65.5	6.8	31.0	1.1	31.5	72.8	104.3
Age 121-130 years	45.8	1.8	29.1	3.7	22.9	57.5	80.4
Age 131-140 years	18.6	1.1	8.2	1.0	3.9	25.0	28.9
Age 141-150 years	7.1	1.6	2.5	1.3	2.2	10.3	12.6
Age 151-160 years	3.9	0	0.4	0	0.6	3.7	4.3
Age 161-170 years	2.0	0	0.8	0	0	2.9	2.9
Age 171-180 years	1.2	0	0	0	0	1.2	1.2
Age 191-200 years	0	0	1.0	0	0	1.0	1.0
	23429.3	254.9	1020.7	348.1	22134.3	2917.1	25 053.0

Forest volume by age class



Age class, deci years	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Volume, m ³
Age 1-10 years	57 067.0	0	272.0	1 403.0	56 599.0	2 143.0	58742
Age 11-20 years	397 749.0	694.0	6 598.0	4 755.0	393 182.0	16 614.0	409796
Age 21-30 years	448 867.0	645.0	10 853.0	6 565.0	446 868.0	20 008.0	466930
Age 31-40 years	250 685.0	6 007.0	7 236.0	3 304.0	245 096.0	21 982.0	267232
Age 41-50 years	289 033.0	1 146.0	17 709.0	2 417.0	267 755.0	42 550.0	310305
Age 51-60 years	398 550.0	1 950.0	31 857.0	3 973.0	356 689.0	79 641.0	436330
Age 61-70 years	447 504.0	6 152.0	24 740.0	6 707.0	411 394.0	73 709.0	485103
Age 71-80 years	399 126.0	14 270.0	34 806.0	8 983.0	352 297.0	104 888.0	457185
Age 81-90 years	232 183.0	7 818.0	23 664.0	2 263.0	208 765.0	57 163.0	265928
Age 91-100 years	158 845.0	6 250.0	17 139.0	2 240.0	137 903.0	46 571.0	184474
Age 101-110 years	82 591.0	5 815.0	16 249.0	3 159.0	70 602.0	37 212.0	107814
Age 111-120 years	18 405.0	1 743.0	8 628.0	333.0	10 446.0	18 663.0	29109
Age 121-130 years	12 939.0	393.0	8 190.0	860.0	6 459.0	15 923.0	22382

Age class, deci years	No restrictions	Prohibited activities	Prohibited clearcut	Prohibited seasonally	Without FSC	FSC protected	Volume, m ³
Age 131-140 years	4 356.0	477.0	1 918.0	249.0	891.0	6 109.0	7000
Age 141-150 years	1 823.0	254.0	673.0	240.0	630.0	2 360.0	2990
Age 151-160 years	700.0	0	89.0	0	90.0	699.0	789
Age 161-170 years	374.0	0	170.0	0	0	544.0	544
Age 171-180 years	258.0	0	0	0	0	258.0	258
Age 191-200 years	0	0	196.0	0	0	196.0	196
	3201055.0	53614.0	210987.0	47451.0	2965666.0	547233.0	3513107