

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 1 of 6)

Administrative region	Larch and Stone pine (<i>L.decidua</i> , <i>P.cembra</i>)				Norway spruce (<i>P.abies</i>)				Fir (<i>A.alba</i>)			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	6 603 415	12.2	81.0	-	2 839 612	19.0	152.8	-	2 118 106	20.0	149.8	-
Valle d'Aosta	3 362 245	13.4	75.5	-	1 491 833	17.6	81.8	-	120 736	74.4	104.5	-
Lombardia	4 708 177	16.3	98.8	-	12 139 269	10.2	137.4	-	1 455 159	25.2	181.8	-
Alto Adige	10 225 053	11.5	111.5	-	26 162 375	6.4	149.4	-	520 645	39.9	196.7	-
Trentino	5 818 175	14.2	92.3	-	24 074 744	7.4	175.5	-	3 094 971	17.4	195.2	-
Veneto	3 469 525	16.6	84.9	-	13 843 159	8.8	143.2	-	1 174 834	24.8	165.6	-
Friuli V.G.	796 580	34.6	67.0	-	7 197 319	13.2	160.1	-	469 538	47.5	252.7	-
Liguria	72 379	63.8	65.9	-	30 569	100.0	83.4	-	487 890	37.6	166.5	-
Emilia Romagna	0	-	0.0	-	429 495	32.9	106.2	-	756 224	40.0	257.0	-
Toscana	0	-	0.0	-	277 935	50.1	192.3	-	987 322	33.6	227.7	-
Umbria	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Marche	0	-	0.0	-	16 413	100.0	44.2	-	0	-	0.0	-
Lazio	0	-	0.0	-	58 434	100.0	158.6	-	0	-	0.0	-
Abruzzo	0	-	0.0	-	38 735	100.0	107.0	-	128 161	71.3	177.0	-
Molise	0	-	0.0	-	0	-	0.0	-	139 204	62.1	118.9	-
Campania	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Puglia	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Basilicata	0	-	0.0	-	0	-	0.0	-	100 216	76.0	134.4	-
Calabria	0	-	0.0	-	0	-	0.0	-	591 422	31.2	121.9	-
Sicilia	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Sardegna	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Italia	35 055 550	5.6	91.7	4.8	88 599 893	3.6	151.2	2.9	12 144 425	8.6	177.4	4.3

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 2 of 6)

Administrative region	Scots pine and Mountain pine (<i>P.sylvestris</i> , <i>P.uncinata</i>)				Black pines (<i>P.nigra</i> , <i>P.laricio</i> , <i>P.leucodermis</i>)				Mediterranean pines (<i>P.domestica</i> , <i>P.marittima</i> , <i>P.halepensis</i>)			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	1 871 209	17.8	85.2	-	163 482	47.8	57.8	-	19 958	72.3	24.7	-
Valle d'Aosta	830 038	21.0	67.3	-	15 156	100.0	39.3	-	0	-	0.0	-
Lombardia	1 169 397	27.1	64.7	-	381 588	42.3	78.7	-	0	-	0.0	-
Alto Adige	4 630 028	15.7	122.5	-	2 092	100.0	5.5	-	0	-	0.0	-
Trentino	1 586 447	17.5	74.6	-	549 419	30.1	89.7	-	0	-	0.0	-
Veneto	837 988	20.1	64.5	-	230 706	46.3	65.8	-	58 947	71.5	78.9	-
Friuli V.G.	719 540	30.5	71.7	-	2 479 706	18.4	80.4	-	39 374	64.1	35.3	-
Liguria	659 080	23.2	64.3	-	669 693	35.2	121.9	-	1 614 488	25.1	68.9	-
Emilia Romagna	194 206	39.3	48.0	-	1 643 188	24.5	99.3	-	181 122	40.0	61.6	-
Toscana	113 899	59.6	105.1	-	3 210 430	22.4	174.2	-	4 233 289	16.1	94.5	-
Umbria	39 738	77.3	53.9	-	314 162	30.5	53.3	-	442 821	26.0	52.2	-
Marche	0	-	0.0	-	723 805	24.5	69.6	-	117 105	69.2	78.8	-
Lazio	0	-	0.0	-	716 432	24.9	84.5	-	580 075	26.4	79.0	-
Abruzzo	143 779	62.2	132.4	-	949 735	28.2	49.6	-	120 235	47.7	47.5	-
Molise	0	-	0.0	-	123 983	46.6	52.9	-	31 589	74.8	40.5	-
Campania	0	-	0.0	-	485 279	33.7	77.5	-	514 378	24.6	66.5	-
Puglia	0	-	0.0	-	109 807	61.7	70.7	-	1 043 457	26.4	36.0	-
Basilicata	0	-	0.0	-	90 748	49.3	34.8	-	263 529	26.1	28.3	-
Calabria	0	-	0.0	-	9 454 903	10.6	126.7	-	1 048 041	28.3	68.5	-
Sicilia	0	-	0.0	-	360 231	29.7	50.2	-	2 159 009	17.6	52.4	-
Sardegna	0	-	0.0	-	255 455	36.8	29.8	-	900 093	29.8	30.9	-
Italia	12 795 349	7.7	84.4	5.9	22 929 998	6.5	97.0	5.2	13 367 510	7.8	59.1	6.7

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 3 of 6)

Administrative region	Other coniferous forests				Beech (<i>F.sylvatica</i>)				Temperate oaks (<i>Q.petraea</i> , <i>Q.pubescens</i> , <i>Q.robur</i>)			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	505 381	40.2	78.2	-	12 555 376	8.4	108.7	-	4 328 303	15.6	61.8	-
Valle d'Aosta	0	-	0.0	-	90 968	58.5	78.7	-	138 307	42.1	32.6	-
Lombardia	292 395	53.2	165.8	-	7 056 801	12.7	107.4	-	2 643 146	20.0	62.3	-
Alto Adige	6 155	100.0	16.3	-	512 367	33.2	135.5	-	299 065	34.2	65.9	-
Trentino	0	-	0.0	-	6 742 722	11.3	108.3	-	405 547	33.1	70.3	-
Veneto	0	-	0.0	-	9 242 075	11.3	137.5	-	1 137 100	19.5	78.1	-
Friuli V.G.	139 794	75.2	125.4	-	13 841 602	10.2	155.9	-	494 938	32.4	66.6	-
Liguria	132 672	72.0	181.1	-	4 836 938	12.1	130.7	-	2 392 980	16.4	56.3	-
Emilia Romagna	172 406	38.9	58.6	-	13 007 996	8.5	129.0	-	3 063 675	12.2	41.0	-
Toscana	1 445 820	24.0	129.1	-	10 735 804	9.2	148.6	-	7 268 528	9.7	48.2	-
Umbria	123 172	56.8	66.8	-	1 641 790	20.5	108.6	-	3 040 442	12.7	31.5	-
Marche	171 814	35.6	38.5	-	1 664 130	23.5	93.3	-	2 315 799	18.8	36.5	-
Lazio	219 414	59.8	148.9	-	11 139 479	11.3	155.3	-	2 672 698	14.7	33.5	-
Abruzzo	111 404	70.8	76.9	-	17 658 399	7.1	144.3	-	3 680 868	11.8	45.0	-
Molise	0	-	0.0	-	2 456 312	19.4	165.6	-	1 515 682	24.0	38.2	-
Campania	63 092	58.6	57.1	-	10 209 941	12.6	185.0	-	1 692 361	17.8	30.9	-
Puglia	73 250	74.2	94.3	-	839 377	34.0	180.1	-	960 080	27.3	36.6	-
Basilicata	203 442	64.7	90.9	-	4 507 655	16.9	170.4	-	1 322 226	20.9	35.8	-
Calabria	1 024 156	26.2	124.8	-	14 312 031	9.3	185.3	-	3 088 738	23.9	66.2	-
Sicilia	313 738	32.5	51.7	-	1 634 261	18.5	107.8	-	2 647 473	18.5	42.7	-
Sardegna	432 227	29.0	38.6	-	0	-	0.0	-	2 449 066	15.9	30.8	-
Italia	5 430 332	11.1	85.6	8.0	144 686 026	2.8	139.8	2.1	47 557 024	4.0	43.9	3.6

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 4 of 6)

Administrative region	Mediterranean oaks (<i>Q.cerris</i> , <i>Q.frainetto</i> , <i>Q.trojana</i> , <i>Q.macrolepis</i>)				Chestnut (<i>C.sativa</i>)				Hornbeam and Hophornbeam (<i>Carpinus spp.</i> , <i>Ostrya carpinifolia</i>)			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	573 838	30.8	71.0	-	16 468 245	6.6	97.4	-	815 316	20.1	45.9	-
Valle d'Aosta	0	-	0.0	-	219 308	37.0	56.9	-	0	-	0.0	-
Lombardia	187 097	50.9	84.9	-	8 863 049	11.4	107.0	-	3 779 299	13.0	46.6	-
Alto Adige	0	-	0.0	-	277 726	52.6	183.6	-	665 738	27.0	75.4	-
Trentino	0	-	0.0	-	172 879	51.7	96.0	-	2 170 321	18.5	53.1	-
Veneto	19 117	100.0	51.2	-	1 515 217	19.2	82.8	-	5 119 956	11.4	61.9	-
Friuli V.G.	0	-	0.0	-	1 878 671	19.3	140.4	-	2 611 538	19.4	57.0	-
Liguria	1 063 208	21.6	96.7	-	9 559 829	8.2	86.7	-	2 371 866	17.3	53.0	-
Emilia Romagna	8 386 269	10.2	84.2	-	3 548 090	13.5	84.6	-	5 367 822	10.6	51.2	-
Toscana	13 915 406	7.2	55.7	-	14 685 057	7.0	93.6	-	3 524 877	13.0	56.4	-
Umbria	6 706 042	9.4	55.5	-	126 235	45.8	48.9	-	2 078 640	14.7	35.1	-
Marche	1 902 184	21.8	69.2	-	312 653	37.7	93.5	-	2 698 293	13.7	35.1	-
Lazio	7 716 968	10.3	62.8	-	2 870 501	15.8	82.0	-	3 839 424	10.7	39.9	-
Abruzzo	2 374 996	20.9	77.3	-	350 267	33.5	69.1	-	1 935 498	16.8	41.9	-
Molise	3 494 158	17.7	74.0	-	20 429	100.0	52.3	-	526 346	25.9	56.2	-
Campania	3 786 127	18.5	55.6	-	2 705 460	14.3	50.9	-	2 299 585	17.6	42.8	-
Puglia	1 944 708	27.7	52.2	-	83 707	57.8	71.8	-	267 332	38.6	52.9	-
Basilicata	7 723 971	11.5	65.3	-	563 582	28.9	84.1	-	447 257	26.4	57.1	-
Calabria	4 524 047	16.2	105.4	-	4 405 800	14.2	63.5	-	317 476	48.7	56.7	-
Sicilia	1 852 408	17.3	76.5	-	672 523	25.4	71.0	-	58 470	59.1	20.3	-
Sardegna	0	-	0.0	-	141 358	42.9	63.1	-	0	-	0.0	-
Italia	66 170 545	3.7	65.5	3.2	69 440 589	3.3	88.1	2.5	40 895 052	3.9	48.0	3.3

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 5 of 6)

Administrative region	Hygrophilous forests				Other deciduous broadleaved forests				Holm oak (<i>Q.ilex</i>)			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	1 525 539	20.2	64.8	-	15 794 583	6.8	54.6	-	0	-	0.0	-
Valle d'Aosta	36 203	100.0	94.0	-	417 341	29.1	34.6	-	0	-	0.0	-
Lombardia	1 443 452	19.8	71.2	-	7 480 694	11.4	65.7	-	0	-	0.0	-
Alto Adige	167 594	44.2	63.3	-	274 639	51.1	87.1	-	0	-	0.0	-
Trentino	240 821	35.0	74.3	-	983 133	26.6	65.0	-	16 094	100.0	44.7	-
Veneto	449 756	25.7	44.6	-	1 756 780	16.8	47.0	-	163 225	45.8	54.6	-
Friuli V.G.	363 551	25.3	28.1	-	3 553 133	14.2	77.2	-	0	-	0.0	-
Liguria	329 092	42.2	81.7	-	1 301 841	22.8	47.4	-	740 804	25.1	53.3	-
Emilia Romagna	917 380	21.4	37.3	-	3 203 438	13.8	44.9	-	86 219	72.5	117.2	-
Toscana	1 372 547	21.2	55.9	-	4 075 096	12.3	53.6	-	7 010 913	9.7	55.6	-
Umbria	345 301	29.1	44.6	-	410 797	28.6	44.6	-	2 618 914	14.5	65.8	-
Marche	792 059	25.6	57.6	-	2 815 189	17.1	44.1	-	429 928	28.3	64.3	-
Lazio	452 287	28.1	49.1	-	1 736 683	19.2	34.9	-	2 286 940	16.6	47.8	-
Abruzzo	862 807	23.1	42.6	-	1 679 229	23.0	34.4	-	335 164	33.2	38.6	-
Molise	257 678	34.0	36.7	-	294 328	36.4	39.7	-	54 232	70.9	46.3	-
Campania	311 811	33.6	26.5	-	1 312 036	21.5	43.5	-	1 639 381	19.7	44.2	-
Puglia	9 063	100.0	23.3	-	1 126 699	34.5	96.7	-	540 135	28.0	32.3	-
Basilicata	575 153	31.0	41.7	-	609 742	25.4	27.8	-	371 076	38.4	41.5	-
Calabria	643 929	35.9	75.0	-	1 890 225	27.4	52.6	-	3 659 589	27.0	83.8	-
Sicilia	200 485	31.7	31.1	-	418 424	29.8	27.0	-	952 587	23.9	52.4	-
Sardegna	61 937	45.4	16.6	-	99 721	28.0	11.7	-	11 187 417	9.2	45.2	-
Italia	11 358 446	6.7	49.6	5.3	51 233 753	3.9	51.5	3.4	32 092 620	5.4	51.7	4.9

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)

Tabella 1.5.2 - Tall trees forest: total above-ground phytomass and value per hectare of stem and branches (diam. ≥ 5 cm) by forest type (part 6 of 6)

Administrative region	Coark oak (<i>Q.suber</i>)				Other deciduous broadleaved forests				Tall trees forest			
	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE	Phytomass	SE
	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)	(Mg)	(%)	(Mg ha ⁻¹)	(%)
Piemonte	0	-	0.0	-	0	-	0.0	-	66 182 364	3.1	78.8	2.9
Valle d'Aosta	0	-	0.0	-	0	-	0.0	-	6 722 136	7.6	68.4	6.9
Lombardia	0	-	0.0	-	30 218	86.1	34.3	-	51 629 740	4.1	89.3	3.8
Alto Adige	0	-	0.0	-	0	-	0.0	-	43 743 477	4.6	131.6	4.3
Trentino	0	-	0.0	-	0	-	0.0	-	45 855 274	4.5	123.0	4.2
Veneto	0	-	0.0	-	0	-	0.0	-	39 018 386	4.4	98.7	4.0
Friuli V.G.	0	-	0.0	-	0	-	0.0	-	34 585 285	5.2	109.4	4.9
Liguria	0	-	0.0	-	0	-	0.0	-	26 263 330	4.5	78.3	4.2
Emilia Romagna	0	-	0.0	-	0	-	0.0	-	40 957 530	3.9	74.2	3.7
Toscana	403 373	29.8	65.7	-	29 571	63.1	20.5	-	73 289 866	3.0	72.7	2.8
Umbria	0	-	0.0	-	0	-	0.0	-	17 888 054	4.9	48.6	4.7
Marche	0	-	0.0	-	0	-	0.0	-	13 959 372	6.6	48.1	6.4
Lazio	148 393	45.3	67.1	-	58 519	57.8	22.7	-	34 496 247	4.7	64.5	4.5
Abruzzo	0	-	0.0	-	0	-	0.0	-	30 369 277	4.8	78.0	4.5
Molise	0	-	0.0	-	0	-	0.0	-	8 913 942	9.3	67.8	8.8
Campania	30 095	100.0	81.7	-	5 954	100.0	16.2	-	25 055 501	6.3	65.9	6.1
Puglia	0	-	0.0	-	132 875	25.6	15.6	-	7 130 490	11.3	49.9	10.8
Basilicata	0	-	0.0	-	19 876	97.6	8.9	-	16 798 472	7.2	65.1	6.7
Calabria	280 149	45.9	57.8	-	641 255	22.2	31.8	-	45 881 761	4.9	100.2	4.6
Sicilia	341 150	31.9	22.0	-	1 263 027	25.3	42.3	-	12 873 787	6.5	50.7	6.0
Sardegna	5 088 457	9.9	36.5	-	577 093	38.2	30.9	-	21 192 825	5.9	38.7	5.5
Italia	6 291 618	8.7	37.3	7.5	2 758 388	15.2	32.6	13.7	662 807 116	1.1	77.2	1.0

Forest types, phytomass of stem and branches (diam. ≥ 5 cm)