

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	999 879	11.6	12.3	-	703 101	19.0	37.8	-	592 879	19.5	41.9	-
Valle d'Aosta	591 344	14.4	13.3	-	478 538	17.8	26.3	-	30 333	71.1	26.2	-
Lombardia	862 548	14.3	18.1	-	3 128 942	9.7	35.4	-	398 624	25.1	49.8	-
Alto Adige	1 499 168	11.2	16.4	-	6 615 193	6.1	37.8	-	140 315	40.3	53.0	-
Trentino	1 045 137	13.1	16.6	-	6 207 374	7.3	45.2	-	821 899	17.0	51.8	-
Veneto	623 233	14.6	15.3	-	3 514 555	8.7	36.3	-	326 041	24.4	45.9	-
Friuli V.G.	164 177	26.6	13.8	-	1 950 631	12.7	43.4	-	125 670	47.6	67.6	-
Liguria	18 212	72.1	16.6	-	8 612	100.0	23.5	-	146 361	36.9	49.9	-
Emilia Romagna	0	-	0.0	-	131 602	32.0	32.5	-	206 925	39.5	70.3	-
Toscana	0	-	0.0	-	88 194	50.3	61.0	-	278 169	32.5	64.2	-
Umbria	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Marche	0	-	0.0	-	5 934	100.0	16.0	-	0	-	0.0	-
Lazio	0	-	0.0	-	16 661	100.0	45.2	-	0	-	0.0	-
Abruzzo	0	-	0.0	-	12 637	100.0	34.9	-	36 216	71.5	50.0	-
Molise	0	-	0.0	-	0	-	0.0	-	38 662	62.5	33.0	-
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	-	25 181	74.9	33.8	-
Calabria	0	-	0.0	-	0	-	0.0	-	163 384	31.0	33.7	-
Sicilia	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Sardegna	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Italia	5 803 697	5.3	15.2	4.4	22 861 975	3.5	39.0	2.7	3 330 658	8.4	48.7	4.0

Forest types, phytomass of small branches and tree top (diam. < 5 cm)

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	494 744	17.6	22.5	-	67 814	47.4	24.0	-	7 395	74.5	9.2	-
Valle d'Aosta	249 799	20.7	20.3	-	7 817	100.0	20.3	-	0	-	0.0	-
Lombardia	368 754	24.4	20.4	-	140 858	37.3	29.1	-	0	-	0.0	-
Alto Adige	1 329 820	15.0	35.2	-	1 204	100.0	3.2	-	0	-	0.0	-
Trentino	479 114	16.9	22.5	-	205 381	28.5	33.5	-	0	-	0.0	-
Veneto	276 180	19.5	21.3	-	87 870	43.0	25.1	-	21 310	72.1	28.5	-
Friuli V.G.	206 920	28.9	20.6	-	946 818	16.6	30.7	-	14 000	62.7	12.6	-
Liguria	199 414	22.4	19.4	-	236 740	34.1	43.1	-	505 107	24.0	21.6	-
Emilia Romagna	69 717	38.8	17.2	-	601 284	21.9	36.3	-	57 144	39.9	19.4	-
Toscana	32 293	58.8	29.8	-	960 506	21.0	52.1	-	1 352 072	16.0	30.2	-
Umbria	14 119	79.2	19.2	-	123 644	29.0	21.0	-	149 900	25.4	17.7	-
Marche	0	-	0.0	-	295 399	23.4	28.4	-	39 928	64.3	26.9	-
Lazio	0	-	0.0	-	290 499	24.3	34.3	-	200 102	26.9	27.3	-
Abruzzo	42 343	61.6	39.0	-	388 281	25.6	20.3	-	40 433	46.8	16.0	-
Molise	0	-	0.0	-	55 711	46.0	23.8	-	10 781	73.0	13.8	-
Campania	0	-	0.0	-	166 770	31.0	26.6	-	163 793	24.9	21.2	-
Puglia	0	-	0.0	-	45 903	62.0	29.5	-	339 251	25.3	11.7	-
Basilicata	0	-	0.0	-	37 225	45.3	14.3	-	91 543	26.3	9.8	-
Calabria	0	-	0.0	-	1 355 579	16.7	18.2	-	338 735	26.9	22.1	-
Sicilia	0	-	0.0	-	70 350	29.6	9.8	-	652 737	18.0	15.9	-
Sardegna	0	-	0.0	-	105 770	34.8	12.3	-	292 858	23.2	10.1	-
Italia	3 763 216	7.3	24.8	5.4	6 191 422	6.8	26.2	5.6	4 277 087	7.6	18.9	6.4

Forest types, phytomass of small branches and tree top (diam. < 5 cm)

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	113 644	29.9	17.6	-	3 034 508	7.8	26.3	-	1 126 252	13.2	16.1	-
Valle d'Aosta	0	-	0.0	-	35 455	64.8	30.7	-	61 164	39.8	14.4	-
Lombardia	78 532	51.1	44.5	-	1 773 718	11.7	27.0	-	807 657	15.8	19.0	-
Alto Adige	3 236	100.0	8.6	-	133 493	33.1	35.3	-	127 785	35.1	28.2	-
Trentino	0	-	0.0	-	1 711 451	10.7	27.5	-	125 907	30.3	21.8	-
Veneto	0	-	0.0	-	2 268 655	10.4	33.8	-	368 694	18.1	25.3	-
Friuli V.G.	35 899	73.3	32.2	-	3 211 852	9.5	36.2	-	146 290	27.8	19.7	-
Liguria	33 126	70.7	45.2	-	1 194 714	11.7	32.3	-	804 668	14.3	18.9	-
Emilia Romagna	71 169	39.3	24.2	-	3 419 065	8.1	33.9	-	1 285 403	11.1	17.2	-
Toscana	459 463	22.2	41.0	-	2 538 130	8.8	35.1	-	2 234 021	8.4	14.8	-
Umbria	52 786	56.4	28.6	-	430 686	19.2	28.5	-	1 286 110	10.1	13.3	-
Marche	79 857	34.1	17.9	-	428 114	21.3	24.0	-	993 328	13.9	15.6	-
Lazio	55 980	56.9	38.0	-	2 656 423	10.2	37.0	-	992 613	12.5	12.4	-
Abruzzo	28 749	62.4	19.9	-	4 233 309	6.6	34.6	-	1 449 505	9.7	17.7	-
Molise	0	-	0.0	-	546 255	19.2	36.8	-	577 894	21.5	14.6	-
Campania	26 191	57.8	23.7	-	2 310 720	11.8	41.9	-	651 133	15.8	11.9	-
Puglia	24 417	74.1	31.4	-	183 772	33.1	39.4	-	309 388	20.0	11.8	-
Basilicata	66 282	59.3	29.6	-	1 021 030	15.8	38.6	-	476 635	16.3	12.9	-
Calabria	281 566	25.9	34.3	-	3 269 958	9.0	42.3	-	684 543	23.4	14.7	-
Sicilia	109 301	31.2	18.0	-	415 815	18.3	27.4	-	788 087	14.8	12.7	-
Sardegna	176 231	28.8	15.7	-	0	-	0.0	-	731 508	12.5	9.2	-
Italia	1 696 430	10.1	26.8	6.6	34 817 124	2.6	33.6	1.9	16 028 587	3.3	14.8	2.7

Forest types, phytomass of small branches and tree top (diam. < 5 cm)

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	150 868	27.6	18.7	-	4 391 802	6.1	26.0	-	355 916	18.9	20.0	-
Valle d'Aosta	0	-	0.0	-	66 515	37.3	17.3	-	0	-	0.0	-
Lombardia	44 369	49.9	20.1	-	2 222 916	10.1	26.8	-	1 412 431	11.2	17.4	-
Alto Adige	0	-	0.0	-	45 898	50.1	30.4	-	219 643	23.7	24.9	-
Trentino	0	-	0.0	-	42 513	47.2	23.6	-	972 646	15.8	23.8	-
Veneto	5 507	100.0	14.7	-	411 940	17.4	22.5	-	2 049 941	9.5	24.8	-
Friuli V.G.	0	-	0.0	-	486 642	17.8	36.4	-	991 393	14.1	21.6	-
Liguria	244 502	20.7	22.3	-	2 653 075	7.2	24.1	-	802 459	14.8	17.9	-
Emilia Romagna	2 246 235	9.1	22.5	-	922 989	12.4	22.0	-	2 116 066	9.2	20.2	-
Toscana	3 643 371	6.6	14.6	-	3 931 063	6.2	25.1	-	1 313 284	12.3	21.0	-
Umbria	1 999 278	8.4	16.5	-	30 807	44.1	11.9	-	932 153	13.4	15.7	-
Marche	454 841	19.9	16.6	-	86 594	36.8	25.9	-	1 356 862	11.9	17.6	-
Lazio	1 957 521	9.4	15.9	-	774 067	13.9	22.1	-	1 692 869	10.6	17.6	-
Abruzzo	570 793	17.5	18.6	-	102 556	31.6	20.2	-	747 056	14.3	16.2	-
Molise	855 508	14.5	18.1	-	9 631	100.0	24.7	-	227 177	24.1	24.3	-
Campania	927 875	15.2	13.6	-	955 490	14.6	18.0	-	998 023	14.9	18.6	-
Puglia	480 588	21.6	12.9	-	21 718	57.9	18.6	-	86 461	33.9	17.1	-
Basilicata	1 764 424	9.6	14.9	-	143 612	27.3	21.4	-	175 563	25.3	22.4	-
Calabria	984 261	15.7	22.9	-	1 368 313	12.0	19.7	-	108 641	46.4	19.4	-
Sicilia	367 590	17.2	15.2	-	199 923	24.2	21.1	-	24 341	55.5	8.4	-
Sardegna	0	-	0.0	-	42 120	44.3	18.8	-	0	-	0.0	-
Italia	16 697 531	3.2	16.5	2.7	18 910 184	2.9	24.0	2.1	16 582 924	3.3	19.5	2.7

Forest types, phytomass of small branches and tree top (diam. < 5 cm)

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	462 594	18.0	19.7	-	5 274 589	5.9	18.2	-	0	-	0.0	-
Valle d'Aosta	13 814	100.0	35.9	-	161 120	27.2	13.4	-	0	-	0.0	-
Lombardia	440 979	17.8	21.8	-	2 329 466	9.9	20.5	-	0	-	0.0	-
Alto Adige	49 310	43.1	18.6	-	86 026	40.5	27.3	-	0	-	0.0	-
Trentino	75 504	33.8	23.3	-	319 735	21.4	21.1	-	6 506	100.0	18.1	-
Veneto	166 068	24.0	16.5	-	625 139	15.2	16.7	-	59 202	42.0	19.8	-
Friuli V.G.	146 192	21.3	11.3	-	1 220 928	13.1	26.5	-	0	-	0.0	-
Liguria	84 379	39.9	20.9	-	430 677	19.1	15.7	-	256 094	23.8	18.4	-
Emilia Romagna	389 526	21.2	15.8	-	1 154 784	12.1	16.2	-	27 631	73.2	37.6	-
Toscana	453 751	18.9	18.5	-	1 356 132	11.0	17.8	-	2 384 291	9.3	18.9	-
Umbria	129 709	27.2	16.8	-	153 045	28.5	16.6	-	979 365	13.9	24.6	-
Marche	285 724	25.2	20.8	-	1 077 475	14.6	16.9	-	185 099	25.9	27.7	-
Lazio	136 226	27.0	14.8	-	652 282	17.3	13.1	-	789 753	17.1	16.5	-
Abruzzo	315 076	22.2	15.5	-	601 675	20.3	12.3	-	153 731	29.2	17.7	-
Molise	100 523	33.8	14.3	-	93 868	32.4	12.7	-	22 435	72.1	19.2	-
Campania	150 165	31.2	12.7	-	427 821	19.8	14.2	-	639 583	17.7	17.2	-
Puglia	3 410	100.0	8.8	-	268 173	28.6	23.0	-	183 995	25.9	11.0	-
Basilicata	170 017	24.9	12.3	-	203 893	22.5	9.3	-	137 141	36.8	15.3	-
Calabria	140 560	33.2	16.4	-	538 149	21.7	15.0	-	1 178 404	25.5	27.0	-
Sicilia	84 999	33.2	13.2	-	127 917	27.3	8.3	-	337 030	20.7	18.5	-
Sardegna	21 339	44.3	5.7	-	33 773	26.8	3.9	-	3 587 193	9.2	14.5	-
Italia	3 819 866	6.0	16.7	4.5	17 136 666	3.3	17.2	2.8	10 927 452	5.2	17.6	4.6

Forest types, phytomass of small branches and tree top (diam. < 5 cm)

Tabella 1.6.2 - Tall trees forest: total above-ground phytomass and value per hectare of small branches and tree top (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	-	17 775 986	2.7	21.2	2.5
Valle d'Aosta	0	-	0.0	-	0	-	0.0	-	1 695 899	7.4	17.3	6.7
Lombardia	0	-	0.0	-	10 424	87.6	11.8	-	14 020 217	3.5	24.3	3.2
Alto Adige	0	-	0.0	-	0	-	0.0	-	10 251 091	4.3	30.8	4.0
Trentino	0	-	0.0	-	0	-	0.0	-	12 013 167	4.2	32.2	4.0
Veneto	0	-	0.0	-	0	-	0.0	-	10 804 334	3.8	27.3	3.4
Friuli V.G.	0	-	0.0	-	0	-	0.0	-	9 647 411	4.5	30.5	4.1
Liguria	0	-	0.0	-	0	-	0.0	-	7 618 141	4.0	22.7	3.7
Emilia Romagna	0	-	0.0	-	0	-	0.0	-	12 699 540	3.4	23.0	3.1
Toscana	127 655	30.6	20.8	-	8 847	64.5	6.1	-	21 161 241	2.7	21.0	2.5
Umbria	0	-	0.0	-	0	-	0.0	-	6 281 603	4.3	17.1	4.0
Marche	0	-	0.0	-	0	-	0.0	-	5 289 156	5.4	18.2	5.1
Lazio	43 632	46.4	19.7	-	22 003	53.7	8.5	-	10 280 630	4.0	19.2	3.8
Abruzzo	0	-	0.0	-	0	-	0.0	-	8 722 359	4.0	22.4	3.7
Molise	0	-	0.0	-	0	-	0.0	-	2 538 445	7.8	19.3	7.2
Campania	8 374	100.0	22.7	-	2 306	100.0	6.3	-	7 428 243	5.2	19.6	4.8
Puglia	0	-	0.0	-	44 150	26.4	5.2	-	1 991 225	8.9	13.9	8.2
Basilicata	0	-	0.0	-	7 557	97.6	3.4	-	4 320 101	5.8	16.8	5.3
Calabria	78 897	46.5	16.3	-	157 880	21.2	7.8	-	10 648 870	5.2	23.3	4.8
Sicilia	99 539	31.7	6.4	-	245 231	24.2	8.2	-	3 522 859	6.0	13.9	5.4
Sardegna	1 456 440	10.3	10.4	-	163 814	29.9	8.8	-	6 611 045	5.8	12.1	5.4
Italia	1 814 537	9.0	10.8	7.8	662 209	13.1	7.8	11.3	185 321 565	0.9	21.6	0.9

Forest types, phytomass of small branches and tree top (diam. < 5 cm)