

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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	129 944	11.1	1.6	-	68 232	19.4	3.7	-	54 247	20.0	3.8	-
Valle d'Aosta	67 276	11.9	1.5	-	39 807	17.1	2.2	-	2 537	69.9	2.2	-
Lombardia	99 370	14.2	2.1	-	287 044	10.0	3.3	-	33 189	25.6	4.2	-
Alto Adige	191 633	10.5	2.1	-	601 953	6.4	3.4	-	12 216	40.1	4.6	-
Trentino	122 146	13.2	1.9	-	584 971	7.6	4.3	-	76 361	17.5	4.8	-
Veneto	69 855	13.4	1.7	-	320 811	9.0	3.3	-	30 829	24.7	4.3	-
Friuli V.G.	19 166	29.2	1.6	-	189 804	13.2	4.2	-	11 779	47.0	6.3	-
Liguria	1 851	66.4	1.7	-	809	100.0	2.2	-	11 535	38.0	3.9	-
Emilia Romagna	0	-	0.0	-	10 259	32.6	2.5	-	19 415	39.7	6.6	-
Toscana	0	-	0.0	-	5 945	50.7	4.1	-	23 916	34.0	5.5	-
Umbria	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Marche	0	-	0.0	-	346	100.0	0.9	-	0	-	0.0	-
Lazio	0	-	0.0	-	1 417	100.0	3.9	-	0	-	0.0	-
Abruzzo	0	-	0.0	-	921	100.0	2.5	-	3 162	71.2	4.4	-
Molise	0	-	0.0	-	0	-	0.0	-	3 530	61.3	3.0	-
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	-	2 896	77.6	3.9	-
Calabria	0	-	0.0	-	0	-	0.0	-	15 468	31.6	3.2	-
Sicilia	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Sardegna	0	-	0.0	-	0	-	0.0	-	0	-	0.0	-
Italia	701 241	5.1	1.8	4.1	2 112 318	3.7	3.6	2.9	301 079	8.6	4.4	4.4

Forest types, phytomass of stumps

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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.maritima</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	39,369	17.4	1.8	-	3,917	45.2	1.4	-	468	76.5	0.6	-
Valle d'Aosta	20,070	20.9	1.6	-	521	100.0	1.4	-	0	-	0.0	-
Lombardia	29,829	24.2	1.7	-	8,784	40.1	1.8	-	0	-	0.0	-
Alto Adige	96,326	15.0	2.6	-	58	100.0	0.2	-	0	-	0.0	-
Trentino	36,404	16.9	1.7	-	11,891	28.2	1.9	-	0	-	0.0	-
Veneto	21,112	19.8	1.6	-	4,869	44.7	1.4	-	1,403	72.0	1.9	-
Friuli V.G.	16,761	31.1	1.7	-	59,148	15.9	1.9	-	910	61.9	0.8	-
Liguria	15,071	22.6	1.5	-	13,220	32.9	2.4	-	33,321	24.5	1.4	-
Emilia Romagna	5,195	38.3	1.3	-	37,542	21.9	2.3	-	3,934	39.1	1.3	-
Toscana	2,317	59.8	2.1	-	62,088	20.3	3.4	-	92,564	16.1	2.1	-
Umbria	881	76.5	1.2	-	7,564	29.7	1.3	-	8,629	25.5	1.0	-
Marche	0	-	0.0	-	17,066	23.9	1.6	-	2,413	63.5	1.6	-
Lazio	0	-	0.0	-	15,620	23.9	1.8	-	13,116	27.0	1.8	-
Abruzzo	2,918	61.5	2.7	-	24,549	27.1	1.3	-	2,423	46.5	1.0	-
Molise	0	-	0.0	-	3,162	45.5	1.4	-	596	72.8	0.8	-
Campania	0	-	0.0	-	9,923	31.0	1.6	-	10,245	25.0	1.3	-
Puglia	0	-	0.0	-	2,528	60.5	1.6	-	19,244	24.9	0.7	-
Basilicata	0	-	0.0	-	2,370	45.6	0.9	-	5,216	27.2	0.6	-
Calabria	0	-	0.0	-	223,413	9.8	3.0	-	22,001	25.9	1.4	-
Sicilia	0	-	0.0	-	9,889	29.0	1.4	-	45,386	17.1	1.1	-
Sardegna	0	-	0.0	-	6,039	33.1	0.7	-	21,225	27.4	0.7	-
Italia	286,254	7.2	1.9	5.3	524,162	5.9	2.2	4.5	283,094	7.7	1.3	6.6

Forest types, phytomass of stumps

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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	9 820	32.1	1.5	-	390 167	8.3	3.4	-	121 092	15.1	1.7	-
Valle d'Aosta	0	-	0.0	-	3 013	60.2	2.6	-	3 669	42.2	0.9	-
Lombardia	7 863	52.1	4.5	-	219 425	12.5	3.3	-	75 719	18.7	1.8	-
Alto Adige	277	100.0	0.7	-	15 624	32.7	4.1	-	8 475	34.4	1.9	-
Trentino	0	-	0.0	-	189 174	11.0	3.0	-	11 713	32.7	2.0	-
Veneto	0	-	0.0	-	277 968	11.4	4.1	-	32 987	19.2	2.3	-
Friuli V.G.	3 508	77.5	3.2	-	417 037	9.9	4.7	-	13 943	32.1	1.9	-
Liguria	2 833	73.9	3.9	-	149 913	12.2	4.1	-	64 143	15.3	1.5	-
Emilia Romagna	4 335	38.8	1.5	-	410 525	8.2	4.1	-	87 635	11.5	1.2	-
Toscana	29 735	23.5	2.7	-	333 501	9.2	4.6	-	188 794	9.6	1.3	-
Umbria	2 897	54.7	1.6	-	51 706	20.6	3.4	-	85 699	11.5	0.9	-
Marche	4 451	33.3	1.0	-	53 368	22.9	3.0	-	62 064	17.6	1.0	-
Lazio	4 726	58.0	3.2	-	352 381	11.2	4.9	-	78 684	14.2	1.0	-
Abruzzo	2 581	69.8	1.8	-	552 636	7.1	4.5	-	95 989	11.2	1.2	-
Molise	0	-	0.0	-	76 752	19.4	5.2	-	44 427	24.5	1.1	-
Campania	1 473	57.8	1.3	-	321 846	12.5	5.8	-	46 346	18.0	0.8	-
Puglia	1 671	74.4	2.2	-	25 962	34.2	5.6	-	26 918	26.9	1.0	-
Basilicata	4 249	61.4	1.9	-	139 608	16.7	5.3	-	39 181	20.2	1.1	-
Calabria	20 785	24.9	2.5	-	442 423	9.4	5.7	-	77 793	24.2	1.7	-
Sicilia	6 904	31.5	1.1	-	50 564	18.5	3.3	-	64 737	18.1	1.0	-
Sardegna	9 356	28.4	0.8	-	0	-	0.0	-	57 473	15.4	0.7	-
Italia	117 463	10.6	1.9	7.2	4 473 594	2.7	4.3	2.1	1 287 480	3.9	1.2	3.4

Forest types, phytomass of stumps

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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	15 923	30.3	2.0	-	527 097	6.3	3.1	-	32 592	19.2	1.8	-
Valle d'Aosta	0	-	0.0	-	7 055	37.2	1.8	-	0	-	0.0	-
Lombardia	5 031	50.6	2.3	-	275 369	10.7	3.3	-	137 255	11.5	1.7	-
Alto Adige	0	-	0.0	-	5 970	51.2	4.0	-	20 793	24.8	2.4	-
Trentino	0	-	0.0	-	4 640	48.9	2.6	-	82 904	16.4	2.0	-
Veneto	534	100.0	1.4	-	47 538	18.1	2.6	-	199 426	10.0	2.4	-
Friuli V.G.	0	-	0.0	-	56 891	18.3	4.3	-	94 649	15.9	2.1	-
Liguria	31 478	21.3	2.9	-	309 760	7.9	2.8	-	80 549	15.5	1.8	-
Emilia Romagna	252 568	9.7	2.5	-	110 180	12.8	2.6	-	201 921	10.0	1.9	-
Toscana	407 343	7.0	1.6	-	462 448	6.7	3.0	-	130 850	12.7	2.1	-
Umbria	214 360	9.0	1.8	-	3 551	45.9	1.4	-	85 730	14.5	1.5	-
Marche	55 162	20.3	2.0	-	10 244	37.5	3.1	-	121 966	13.3	1.6	-
Lazio	225 580	9.8	1.8	-	92 094	15.2	2.6	-	161 825	11.1	1.7	-
Abruzzo	69 107	19.6	2.3	-	11 274	33.1	2.2	-	65 974	15.9	1.4	-
Molise	102 638	16.4	2.2	-	800	100.0	2.1	-	20 993	24.7	2.2	-
Campania	110 763	17.5	1.6	-	94 589	13.5	1.8	-	92 234	15.4	1.7	-
Puglia	45 193	32.0	1.2	-	2 581	57.7	2.2	-	8 479	35.3	1.7	-
Basilicata	222 995	10.8	1.9	-	17 436	27.7	2.6	-	18 862	24.6	2.4	-
Calabria	126 653	16.0	3.0	-	143 818	13.2	2.1	-	8 350	46.4	1.5	-
Sicilia	49 273	16.9	2.0	-	21 272	24.5	2.2	-	1 930	56.9	0.7	-
Sardegna	0	-	0.0	-	4 450	43.6	2.0	-	0	-	0.0	-
Italia	1 934 599	3.5	1.9	3.0	2 209 056	3.1	2.8	2.3	1 567 283	3.5	1.8	2.9

Forest types, phytomass of stumps

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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	48 801	18.6	2.1	-	473 766	6.3	1.6	-	0	-	0.0	-
Valle d'Aosta	1 042	100.0	2.7	-	13 915	27.7	1.2	-	0	-	0.0	-
Lombardia	43 536	18.7	2.2	-	216 152	10.9	1.9	-	0	-	0.0	-
Alto Adige	4 924	44.7	1.9	-	8 220	45.7	2.6	-	0	-	0.0	-
Trentino	7 210	34.1	2.2	-	28 002	21.9	1.9	-	196	100.0	0.5	-
Veneto	13 996	24.2	1.4	-	51 985	16.0	1.4	-	3 025	50.8	1.0	-
Friuli V.G.	13 243	22.8	1.0	-	111 011	13.2	2.4	-	0	-	0.0	-
Liguria	9 374	41.8	2.3	-	36 282	19.6	1.3	-	15 910	26.8	1.1	-
Emilia Romagna	31 810	21.1	1.3	-	90 674	12.0	1.3	-	1 899	72.1	2.6	-
Toscana	42 141	19.2	1.7	-	114 880	12.0	1.5	-	165 501	10.4	1.3	-
Umbria	10 972	27.6	1.4	-	12 573	28.2	1.4	-	57 627	15.9	1.5	-
Marche	24 952	24.1	1.8	-	94 625	16.7	1.5	-	6 527	30.4	1.0	-
Lazio	13 541	27.2	1.5	-	50 183	16.7	1.0	-	42 865	19.1	0.9	-
Abruzzo	27 721	23.3	1.4	-	45 462	20.8	0.9	-	6 836	40.8	0.8	-
Molise	8 791	33.8	1.3	-	8 991	34.7	1.2	-	678	66.7	0.6	-
Campania	12 485	30.7	1.1	-	37 140	18.7	1.2	-	35 469	19.4	1.0	-
Puglia	306	100.0	0.8	-	30 561	33.9	2.6	-	10 913	28.9	0.7	-
Basilicata	18 046	27.5	1.3	-	20 379	23.5	0.9	-	7 639	37.7	0.9	-
Calabria	16 877	34.6	2.0	-	55 691	25.8	1.6	-	81 662	30.8	1.9	-
Sicilia	6 795	33.4	1.1	-	11 458	29.7	0.7	-	18 463	29.3	1.0	-
Sardegna	2 059	46.0	0.6	-	2 663	28.1	0.3	-	254 420	10.4	1.0	-
Italia	358 623	6.2	1.6	4.7	1 514 614	3.6	1.5	3.1	709 630	6.2	1.1	5.7

Forest types, phytomass of stumps

Table 1.7.2 - Tall trees forest: total phytomass and value per hectare of stumps 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	-	1 915 436	2.9	2.3	2.7
Valle d'Aosta	0	-	0.0	-	0	-	0.0	-	158 904	6.7	1.6	5.9
Lombardia	0	-	0.0	-	862	90.5	1.0	-	1 439 429	3.8	2.5	3.5
Alto Adige	0	-	0.0	-	0	-	0.0	-	966 471	4.4	2.9	4.1
Trentino	0	-	0.0	-	0	-	0.0	-	1 155 611	4.4	3.1	4.2
Veneto	0	-	0.0	-	0	-	0.0	-	1 076 337	4.2	2.7	3.8
Friuli V.G.	0	-	0.0	-	0	-	0.0	-	1 007 851	5.0	3.2	4.7
Liguria	0	-	0.0	-	0	-	0.0	-	776 048	4.3	2.3	4.0
Emilia Romagna	0	-	0.0	-	0	-	0.0	-	1 267 893	3.7	2.3	3.4
Toscana	10 715	31.3	1.7	-	817	74.0	0.6	-	2 073 556	2.9	2.1	2.7
Umbria	0	-	0.0	-	0	-	0.0	-	542 188	4.9	1.5	4.7
Marche	0	-	0.0	-	0	-	0.0	-	453 184	6.4	1.6	6.1
Lazio	3 488	47.2	1.6	-	1 644	56.9	0.6	-	1 057 164	4.7	2.0	4.5
Abruzzo	0	-	0.0	-	0	-	0.0	-	911 552	4.7	2.3	4.5
Molise	0	-	0.0	-	0	-	0.0	-	271 358	8.8	2.1	8.3
Campania	846	100.0	2.3	-	186	100.0	0.5	-	773 546	6.2	2.0	5.9
Puglia	0	-	0.0	-	3 586	25.8	0.4	-	177 942	12.0	1.2	11.5
Basilicata	0	-	0.0	-	631	98.5	0.3	-	499 508	6.9	1.9	6.4
Calabria	6 684	45.6	1.4	-	19 849	21.9	1.0	-	1 261 466	4.9	2.8	4.5
Sicilia	6 643	37.1	0.4	-	35 467	24.7	1.2	-	328 779	6.5	1.3	5.9
Sardegna	113 864	10.9	0.8	-	17 054	38.2	0.9	-	488 604	6.5	0.9	6.1
Italia	142 240	9.5	0.8	8.4	80 096	14.8	1.0	13.3	18 602 826	1.0	2.2	1.0

Forest types, phytomass of stumps