

Reference:

1 cubic foot = yields approximately 5 to 6 board feet because of losses in sawing

1 cord = approximately 500 board feet

1,000 board feet of green hardwood logs weighs 5,000 to 9,000 pounds

1,000 board feet of green softwood logs weighs between 4,000 and 6,000 pounds

1 cord of green hardwood weighs 4,000 to 6,000 pounds

The tables below show average volume for a mixture of species, and provide a good approximation of volume in mixed stands. Volume tables that are species specific are more precise, but are not always available or practical to use.

Table A.1. Average Number of Board Feet in 16-Foot Logs, According to the International 1/4-

Number of 16-Foot Logs in Tree								
<i>DBH</i>	<i>1/2</i>	<i>1</i>	<i>1 1/2</i>	<i>2</i>	<i>2 1/2</i>	<i>3</i>	<i>3 1/2</i>	<i>4</i>
<i>(inches)</i>	<i>contents in board feet</i>							
12	30	60	80	100	120			
14	40	80	110	140	160	180		
16	60	100	150	180	210	250	280	310
18	70	140	190	240	280	320	360	400
20	90	170	240	300	350	400	450	500
22	110	210	290	360	430	490	560	610
24	130	250	350	430	510	590	660	740
26	160	300	410	510	600	700	790	880
28	190	350	480	600	700	810	920	1,020
30	220	410	550	690	810	930	1,060	1,180
32	260	470	640	790	940	1,080	1,220	1,360
34	290	530	730	900	1,060	1,220	1,380	1,540
36	330	600	820	1,010	1,200	1,380	1,560	1,740
38	370	670	910	1,130	1,340	1,540	1,740	1,940
40	420	740	1,010	1,250	1,480	1,700	1,920	2,160
42	460	820	1,100	1,360	1,610	1,870	2,120	2,360

Inch Rule

Table A.2. Average Number of Cords in Trees of Various Sizes*Number of 8-Foot Sections In free*

DBH	1	2	3	4	5	6	7	8
(inches)	cords							
4	0.007	0.011						
6	.017	.028	0.040	0.047				
8	.031	.050	.088	.087	0.108	0.118		
10	.049	.082	.111	.133	.180	.188	0.211	
12	.070	.121	.185	.198	.225	.260	.300	0.330
14	.095	.187	.228	.273	.311	.353	.40	.47
16	.122	.220	.300	.387	.42	.47	.53	.59
18	.155	.282	.382	.47	.55	.60	.65	.73
20	.194	.353	.48	.59	.88	.76	.81	.89
22	.240	.44	.60	.73	.84	.93	1.00	1.07
24	.288	.52	.72	.88	1.00	1.12	1.21	1.28
26	.340	.82	.84	1.04	1.19	1.33	1.44	1.51
28	.388	.72	.97	1.20	1.38	1.55	1.87	1.76
30	.43	.80	1.10	1.37	1.59	1.7	1.93	2.04

From "WORKING WITH YOUR WOODLAND"