

BOARD FOOTAGE CHART

Board Feet Per Piece

Length	1x2	1x3	1x4	1x5	1x6		1x8		1x10	1x12	1x14			
				5/4x4		5/4x6			5/4x8			5/4x12	4x4	
					6/4x4			6/4x6		6/4x8			6/4x10	
			2x2				2x4			2x6				2x8
8'	1.3	2	2.6	3.3	4	5	5.3	6	6.6	8	9.3	10	10.6	
10'	1.6	2.5	3.3	4.1	5	6.2	6.6	7.5	8.3	10	11.6	12.5	13.3	
12'	2	3	4	5	6	7.5	8	9	10	12	14	15	16	
14'	2.3	3.5	4.6	5.8	7	8.7	9.3	10.5	11.6	14	16.3	17.5	18.6	
16'	2.6	4	5.3	6.6	8	10	10.6	12	13.3	16	18.6	20	21.3	
18'	3	4.5	6	7.5	9	11.2	12	13.5	15	18	21	22.5	24	
20'	3.3	5	6.6	8.3	10	12.5	13.3	15	16.6	20	23.3	25	26.6	
22'	3.6	5.5	7.3	9.1	11	13.7	14.6	16.5	18.3	22	25.6	27.5	29.3	
24'	4	6	8	10	12	15	16	18	20	24	28	30	32	

Board Feet Per Piece

Length	5/4x12					6x6		6x8					
			4x6		4x8		4x10	4x12	6x10		6x12		
	3x6		3x8	3x10		3x12				8x8		8x10	8x12
		2x10	2x12										
8'	12	13.3	16	20	21.3	24	26.6	32	40	42.6	48	53.3	64
10'	15	16.6	20	25	26.6	30	33.3	40	50	53.3	60	66.6	80
12'	18	20	24	30	32	36	40	48	60	64	72	80	96
14'	21	23.3	28	35	37.3	42	46.6	56	70	74.6	84	93.3	112
16'	24	26.6	32	40	42.6	48	53.3	64	80	85.3	96	106.6	128
18'	27	30	36	45	48	54	60	72	90	96	108	120	144
20'	30	33.3	40	50	53.3	60	66.6	80	100	106.6	120	133.3	160
22'	33	36.6	44	55	58.6	66	73.3	88	110	117.3	132	146.6	176
24'	36	40	48	60	64	72	80	96	120	128	144	160	192

BOARD FEET CONVERSIONS

The basic unit of measure for lumber cut from a log is the **board foot**. A board foot contains 144 cubic inches of volume. It is generally easiest to compare any piece of lumber to a board foot of lumber measuring one (1) inch thick, twelve (12) inches wide and one (1) foot long. Lumber under one (1) inch thick is generally considered the same as one (1) inch thick for estimating purposes. To calculate the BOARD FEET in a given piece or amount of lumber, use the formula:

$$\frac{T'' \times W'' \times L'}{12} = \text{Bd. ft.}$$

To convert board feet to linear feet:

$$\frac{12}{T'' \times W''} \times \text{Bd. ft} = \text{Linear ft.}$$