

9TH EDITION FLOOR JOIST SPAN TABLES FOR FCCIP TOWNS*

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Floor Joist Sleeping Areas(SPF30psf)				Floor Joist Living Areas(SPF40psf)							
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.				
2x6	11-3	10-3	8-11	2x6	10-3	9-4	8-1				
2x8	14-11	13-6	11-6	2x8	13-6	12-3	10-3				
2x10	19-0	17-2	14-1	2x10	17-3	15-5	12-7				
2x12	23-0	19-11	16-3	2x12	20-7	17-10	14-7				
Decks with No Cantilever(40lb gsl) Leverett, Shutesbury				Decks with No Cantilever(50lb gsl) Ashfield, Conway, Erving, Gill, Shelburne, Whately				Decks with No Cantilever(60lb gsl) Bernardston, Buckland, Charlemont Hawley, Heath, Leyden, Rowe			
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.
2x6	9-11	9-0	7-7	2x6	9-2	8-4	6-11	2x6	8-8	7-10	6-5
2x8	13-1	11-10	9-8	2x8	12-1	10-10	8-10	2x8	11-5	10-0	8-2
2x10	16-2	14-0	11-5	2x10	14-9	12-10	10-5	2x10	13-8	11-10	9-8
2x12	18-0	16-6	13-6	2x12	17-5	15-1	12-4	2x12	16-1	14-0	11-5
Decks with Cantilever(40lb gsl) Leverett, Shutesbury				Decks with Cantilever(50lb gsl) Ashfield, Conway, Erving, Gill, Shelburne, Whately				Decks with Cantilever(60lb gsl) Bernardston, Buckland, Charlemont Hawley, Heath, Leyden, Rowe			
	12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.		12"o.c.	16"o.c.	24"o.c.
2x6	6-8	6-8	6-8	2x6	6-1	6-1	6-1	2x6	5-10	5-10	5-8
2x8	10-1	10-1	9-8	2x8	9-4	9-3	8-10	2x8	8-10	8-6	8-2
2x10	14-6	14-0	11-5	2x10	13-3	12-10	10-5	2x10	12-2	11-10	9-8
2x12	18-0	16-6	13-6	2x12	17-5	15-1	12-4	2x12	16-1	14-0	11-5
*Spans for sleeping and living areas were taken from 2015 IRC Joist Tables for 10lb dead load and SPF#2											
Spans for decks with 40lb ground snow load were taken from 2015 IRC Table R507.5											
Spans for decks with 50 and 60lb ground snow load with no cantilever were derived from AWC on-line calculator											
Spans for decks with 50 and 60lb ground snow load with cantilever were calculated preportionately and should be verified											