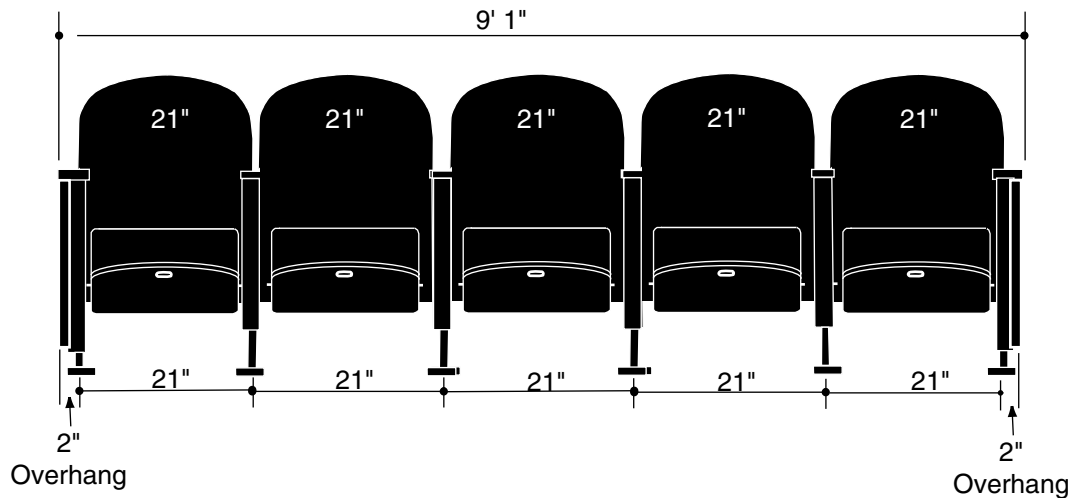


This chart should be used to achieve a required seating capacity.

**Using the Chart:**

1. The chair widths are measured from center of armrest to center of armrest.
2. In order to provide extra row lengths for staggered seating, 21" chairs should be used in making preliminary estimates.
3. If there is any prospect of using tablet arms, preliminary layouts should not include the use of chairs narrower than 21".



**Note:**

1. The above dimension includes the width of two 2" aisle standards per row, or an extra 4".
2. Add 2" - 3" per row, or an extra 6" for aisle standards with cupholder armrests or tablet arms.

Other Examples: sixteen 20" chairs = 27' 0"  
 19' 7" = eleven 21" chairs

# Chart No. 2 Row Length

[values shown below are row lengths]

No. chairs	Chair Widths				
	18"	19"	20"	21"	22"
1	1' 10"	1' 11"	2' 0"	2' 1"	2' 2"
2	3' 4"	3' 6"	3' 8"	3' 10"	4' 0"
3	4' 10"	5' 1"	5' 4"	5' 7"	5' 10"
4	6' 4"	6' 8"	7' 0"	7' 4"	7' 8"
5	7' 10"	8' 3"	8' 8"	9' 1"	9' 6"
6	9' 4"	9' 10"	10' 4"	10' 10"	11' 4"
7	10' 10"	11' 5"	12' 0"	12' 7"	13' 2"
8	12' 4"	13' 0"	13' 8"	14' 4"	15' 0"
9	13' 10"	14' 7"	15' 4"	16' 1"	16' 10"
10	15' 4"	16' 2"	17' 0"	17' 10"	18' 8"
11	16' 10"	17' 9"	18' 8"	19' 7"	20' 6"
12	18' 4"	19' 4"	20' 4"	21' 4"	22' 4"
13	19' 10"	20' 11"	22' 0"	23' 1"	24' 2"
14	21' 4"	22' 6"	23' 8"	24' 10"	26' 0"
15	22' 10"	24' 1"	25' 4"	26' 7"	27' 10"
16	24' 4"	25' 8"	27' 0"	28' 4"	29' 8"
17	25' 10"	27' 3"	28' 8"	30' 1"	31' 6"
18	27' 4"	28' 10"	30' 4"	31' 10"	33' 4"
19	28' 10"	30' 5"	32' 0"	33' 7"	35' 2"
20	30' 4"	32' 0"	33' 8"	35' 4"	37' 0"
21	31' 10"	33' 7"	35' 4"	37' 1"	38' 10"
22	33' 4"	35' 2"	37' 0"	38' 10"	40' 8"
23	34' 10"	36' 9"	38' 8"	40' 7"	42' 6"
24	36' 4"	38' 4"	40' 4"	42' 4"	44' 4"
25	37' 10"	39' 11"	42' 0"	44' 1"	46' 2"
26	39' 4"	41' 6"	43' 8"	45' 10"	48' 0"
27	40' 10"	43' 1"	45' 4"	47' 7"	49' 10"
28	42' 4"	44' 8"	47' 0"	49' 4"	51' 8"
29	43' 10"	46' 3"	48' 8"	51' 1"	53' 6"
30	45' 4"	47' 10"	50' 4"	52' 10"	55' 4"

18" chairs available in plywood only