

1:12 slope ratio (ADA Recommended) means that for every inch of rise, you will need one foot of ramp.

- Example: 12-inch rise (measurement in inches from the top step to the ground) would require a 12-foot ramp to achieve a **1:12 ratio**. **2:12** slope ratio means that for every two inches of rise, you would need one foot of ramp.
- Maximum Degree Angles: 4.8 ° for ADA compliance.
 - **Maximum Slope for Manual Wheelchairs is 4.8° and for Power Chairs is 7.1°**
- Average Step Height within America ~ 7.5"

Notice: ICAN has ramps from 6ft to 12ft

Ramp Length - Ft

	6'	7'	8'	10'	12'
4"	3.2 °	2.7 °	2.4 °	1.9 °	1.6 °
5"	4.0 °	3.4 °	3.0 °	2.4 °	2.0 °
6"	4.8 °	4.1 °	3.6 °	2.9 °	2.4 °
7"	5.6 °	4.8 °	4.2 °	3.3 °	2.8 °
8"	6.4 °	5.5 °	4.8 °	3.8 °	3.2 °
9"	7.2 °	6.2 °	5.4 °	4.3 °	3.6 °
10"	8.0 °	6.8 °	6.0 °	4.8 °	4.0 °
11"	8.8 °	7.5 °	6.6 °	5.3 °	4.4 °
12"	9.6 °	8.2 °	7.2 °	5.7 °	4.8 °
13"	10.4 °	8.9 °	7.8 °	6.2 °	5.2 °
14"	11.2 °	9.6 °	8.4 °	6.7 °	5.6 °
15"	12.0 °	10.3 °	9.0 °	7.2 °	6.0 °
16"	12.8 °	11.0 °	9.6 °	7.7 °	6.4 °
17"	13.7 °	11.7 °	10.2 °	8.1 °	6.8 °
18"	14.5 °	12.4 °	10.8 °	8.6 °	7.2 °
19"	15.3 °	13.1 °	11.4 °	9.1 °	7.6 °
20"	16.1 °	13.8 °	12.0 °	9.6 °	8.0 °

Rise - In