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## Noise Level Chart

*A noise level chart showing examples of sounds with dB levels ranging from 0 to 180 decibels.*

dBa	Example	Home & Yard Appliances	Workshop & Construction
0	healthy hearing threshold		
10	a pin dropping		
20	rustling leaves		
30	whisper		
40	babbling brook	computer	
50	light traffic	refrigerator	
60	conversational speech	air conditioner	
70	shower	dishwasher	
75	toilet flushing	vacuum cleaner	
80	alarm clock	garbage disposal	
85	passing diesel truck	snow blower	
90	squeeze toy	lawn mower	arc welder
95	inside subway car	food processor	belt sander
100	motorcycle (riding)		handheld drill
105	sporting event		table saw
110	rock band		jackhammer
115	emergency vehicle siren		riveter
120	thunderclap		oxygen torch
125	balloon popping		
130	peak stadium crowd noise		
135	air raid siren		
140	jet engine at takeoff		
145	firecracker		
150	fighter jet launch		
155	cap gun		
160	shotgun		
165	.357 magnum revolver		
170	safety airbag		
175	howitzer cannon		
180	rocket launch		
...			
194	sound waves become shock waves		

Most noise levels are given in [dBA](#), which are decibels adjusted to reflect the ear's response to different frequencies of sound. Sudden, brief impulse sounds, like many of those shown at 120 dB or greater, are often given in dB (no adjustment).

## Noise Chart

Specifics about the measurement of a particular sound source can be found in the [Noise Navigator@ Sound Level Database, E-A-R 88-34/HP, by Elliott H Berger, Rick Neitzel, and Cynthia A Kladden, E•A•RCAL Laboratory, 3M Occupational Health & Environmental Safety Division](#), an extensive compilation of data on noise level measurements, including many of the values appearing on this chart.

See also:

[Explanation of the Decibel Scale](#)  
[Chart of Safe Noise Exposure Limits](#)

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<a href="http://www.noisehelp.com/noise-level-chart.html">Noise Level Chart: dB Levels of Common Sounds</a>
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