

Health problems caused by noise

Typical examples of noise

Effect

Sleep disturbance

Hearing impairment

Low-Frequency

Moderate-Frequency

High-Frequency

			Effect		
			Sleep disturbance	Hearing impairment	
			Low-Frequency	Moderate-Frequency	High-Frequency
Industrial noise	Roring machine	Fans	○		
	Reciprocation machine	Steam presssure relief valves	○		
	Operations involving machaninal impact	Stamping	○		
		Riveting	○		
		Road breaking	○	○	○
	Fix installation	Heat pumps	○	○	
		Ventilation system on roofs	○	○	
Transportation noise	The noise of road vehicles		○		
	Railway		○		
	Aircraft		○		
	A sonicboom		○		
	Noise from military airfields		○		
Construction noise	Cranes		○	○	○
	Cement mixers		○		
	Welding		○		
	Hammering		○		
	Other works		○		
Residential areas	Heat pumps		○	○	
	Ventilation system		○	○	○
	Neighbours	Voice	○	○	○
		music events	○	○	○
		Other kind of sound	○	○	○
	Sites for entertainment	Sports evebts	○		
		Music events	○	○	○
Leisure activities	Motor racing		○	○	○
	Off-road vehicles		○		
	Motorbote		○		
	Water skiing		○		
	Snowmobile		○		
	Shooting activities				○
	Tennis playing			○	
	Religious activities			○	
	Charch bell			○	
	Headphone		○		
	Toy		○		
	Firework		○		
	etc.		○	○	○

Reference: Birgitta Berglund, Thomas Lindvall, Dietrich H. Schwela "Guidelines for community noise",
URL: <http://apps.who.int/iris/handle/10665/66217>,