

Noise Levels dBA / Decibels

Home

| <u>dBA</u> | <u>Item</u> |
|------------|-----------------------------------|
| 50 | refrigerator |
| 50 - 60 | electric toothbrush |
| 50 - 75 | washing machine |
| 50 - 75 | air conditioner |
| 50 - 80 | electric shaver |
| 55 | coffee percolator |
| 55 - 70 | dishwasher |
| 60 | sewing machine |
| 60 - 85 | vacuum cleaner |
| 60 - 95 | hair dryer |
| 65 - 80 | alarm clock |
| 70 | TV audio |
| 70 - 80 | coffee grinder |
| 70 - 95 | garbage disposal |
| 75 - 85 | flush toilet |
| 80 | pop-up toaster |
| 80 | doorbell |
| 80 | ringing telephone |
| 80 | whistling kettle |
| 80 - 90 | food mixer or processor |
| 80 - 90 | blender |
| 80 - 95 | garbage disposal |
| 110 | baby crying |
| 110 | squeaky toy held close to the ear |
| 135 | noisy squeeze toys |

Recreation

| <u>dBA</u> | <u>Item</u> |
|------------|----------------------------------|
| 40 | quiet residential area |
| 70 | freeway traffic |
| 85 | heavy traffic, noisy restaurant |
| 90 | truck, shouted conversation |
| 95 - 110 | motorcycle |
| 100 | snowmobile |
| 100 | school dance, boom box |
| 110 | disco |
| 110 | busy video arcade |
| 110 | symphony concert |
| 110 | car horn |
| 110 - 120 | rock concert |
| 112 | personal cassette player on high |
| 117 | football game (stadium) |
| 120 | band concert |
| 125 | auto stereo (factory installed) |
| 130 | stock car races |
| 143 | bicycle horn |
| 150 | firecracker |
| 156 | cap gun |
| 157 | balloon pop |
| 162 | fireworks (at 3 feet) |
| 163 | rifle |
| 166 | handgun |
| 170 | shotgun |

Work

| <u>dBA</u> | <u>Item</u> |
|------------|---------------------------------|
| 40 | quiet office, library |
| 50 | large office |
| 65 - 95 | power lawn mower |
| 80 | manual machine, tools |
| 85 | handsaw |
| 90 | tractor |
| 90 - 115 | subway |
| 95 | electric drill |
| 100 | factory machinery |
| 100 | woodworking class |
| 105 | snow blower |
| 110 | power saw |
| 110 | leafblower |
| 120 | chain saw, hammer on nail |
| 120 | pneumatic drills, heavy machine |
| 120 | jet plane (at ramp) |
| 120 | ambulance siren |
| 125 | chain saw |
| 130 | jackhammer, power drill |
| 130 | air raid |
| 130 | percussion section at symphony |
| 140 | aeroplane taking off |
| 150 | jet engine taking off |
| 150 | artillery fire at 500 feet |
| 180 | rocket launching from pad |

Points of Reference *measured in dBA or decibels

| | |
|-----|---|
| 0 | The softest sound a person can hear with normal hearing |
| 10 | Normal breathing |
| 20 | Whispering at 5 feet |
| 30 | Soft whisper |
| 50 | Rainfall |
| 60 | Normal conversation |
| 110 | Shouting in ear |
| 120 | Thunder |