

# Effects of Noise Pollution

1



Noise pollution affects both human and animal health. It leads to:

1. Contraction of blood vessels
2. Making skin pale
3. Excessive adrenalin in the blood stream, which is responsible for high blood

2



Muscle contraction leading to nervous breakdown, tension, etc.

3



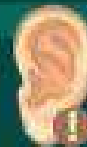
The adverse reactions are coupled with a change in hormone levels, which increases heart rate, constriction of blood vessels, digestive spasms and dilation of the pupils

4



Adverse reactions affect health, work efficiency and behaviour. Noise pollution may cause damage to the heart, brain, kidneys, liver and may cause emotional disturbance.

5



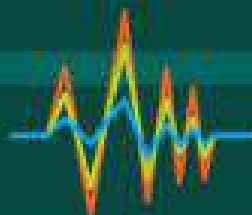
The most immediate and acute effects of noise pollution is hearing impairment that diminishes part of the auditory system. Prolonged exposure to noise of certain frequency patterns leads to chronic damage to the inner ear.

6



Impulsive noise may cause psychological and pathological disorders.

7



Ultrasonic sound can affect the digestive, respiratory, cardiovascular system and semicircular canals of the internal ear.

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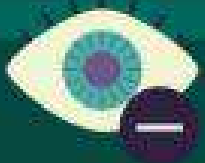
Recent reports suggest that blood is thickened by excessive noise.

9



Noise pollution can affect the optical system.

10



Severe noise pollution causes:

1. Pupillary dilation
2. Impairment of night vision
3. Decrease in rate of colour perception