# Environmental Pollution

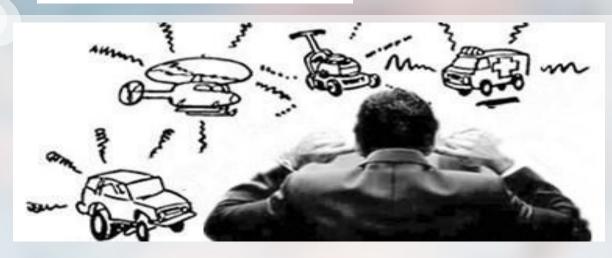
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## Noise Pollution



- ➤ Tunguska Meteor= 300-315dB(通古斯陨石降落在现在的俄罗斯的克拉斯诺亚尔斯克边疆区)
- ➤ Richter 5 <u>earthquake</u> at epicentre = 235dB(分贝)
- $\rightarrow$  1 ton TNT bomb = 210dB
- ➤ Blue whale = 188dB
- The eruptions of Krakatoa = 180dB

#### **Main Causes**



**Transportation** 



**Foctory** 

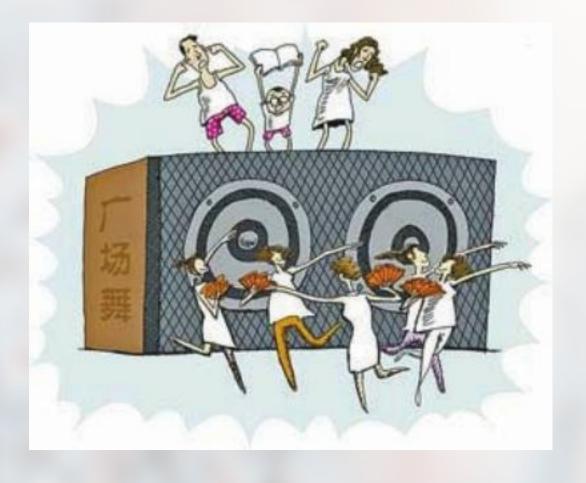


The construction of buildings

### **Main Causes**

#### Our entertainments



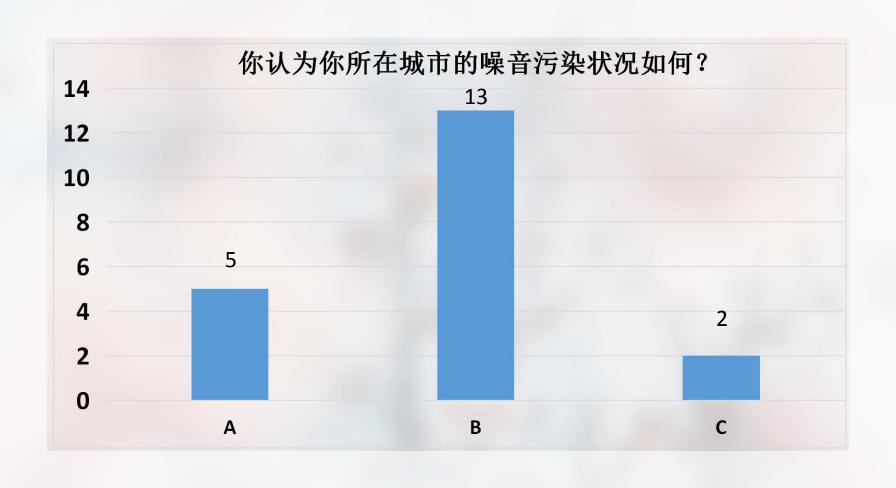


## Our survey

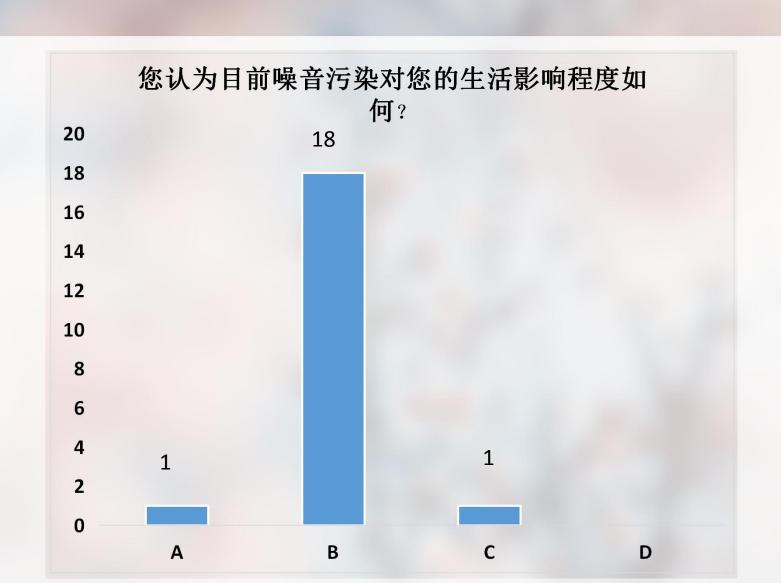
## Do your family often care about environmental issues through the media?



#### What do you think of the noise pollution in your city?



## What do you think the impact of the noise pollution on your life at present?



### Possible effects to our health

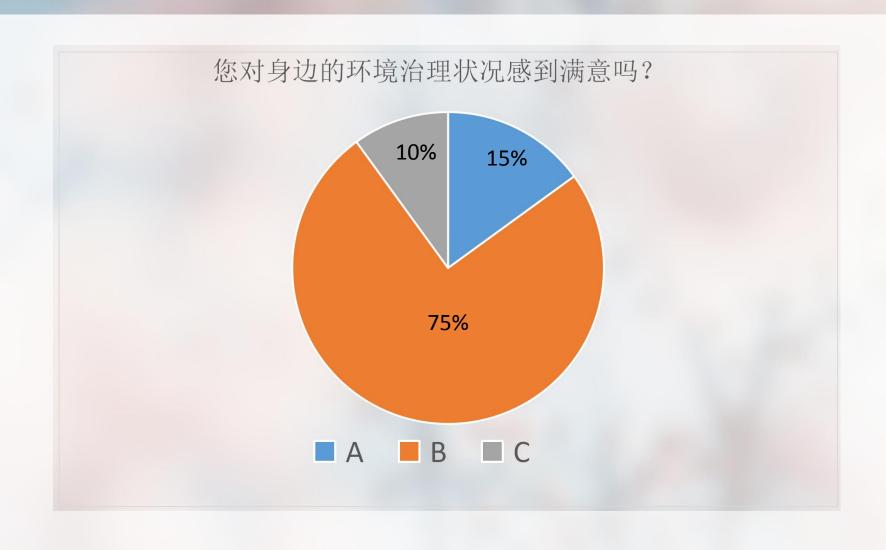
1 Anxiety

2 Tinnitus (耳鸣)

3 Sleepless

4 Death

#### Are you satisfied with the environmental improvement around you?



# Three suggestions from Ma Dayou:

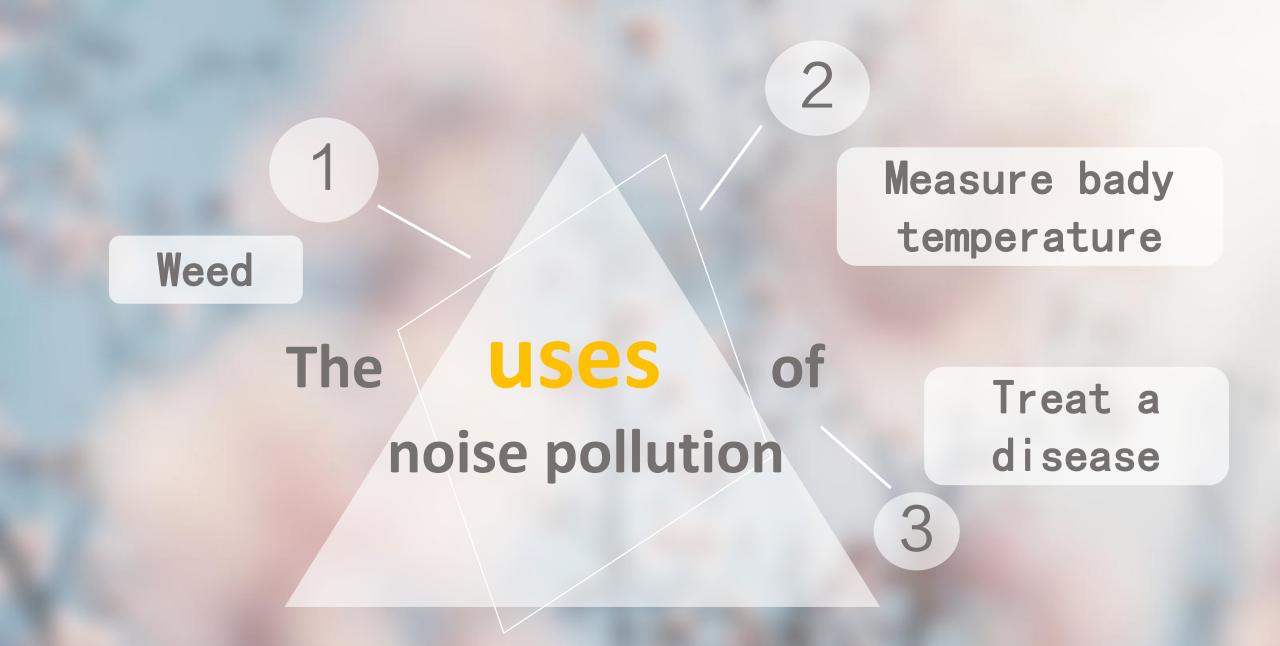
- 1. In order to protect people's health and hearing, the noise allowable values at 75 to 90 decibels.
- 2. To protect conversations and Communications, ambient noise allowable values at 45 to 60 decibels.

3. Sleep time: 35 to 50 db

# The methods to reduce the noise pollution

#### Our opinions:

- 1. The source of noise: control the numble of the noise sources
- 2. The propagation of voices: plant trees or set some isolation walls
- 3. Sound recipients: wear earmuffs, live in a quiet place. etc



# Thanks for your listening