Hearing Protection

Simeon Shang



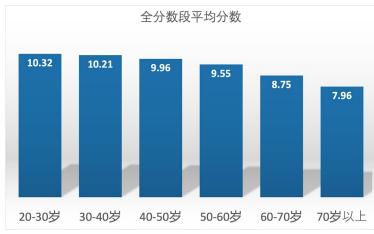
Hearing Screening Test on Mar 3, 2022



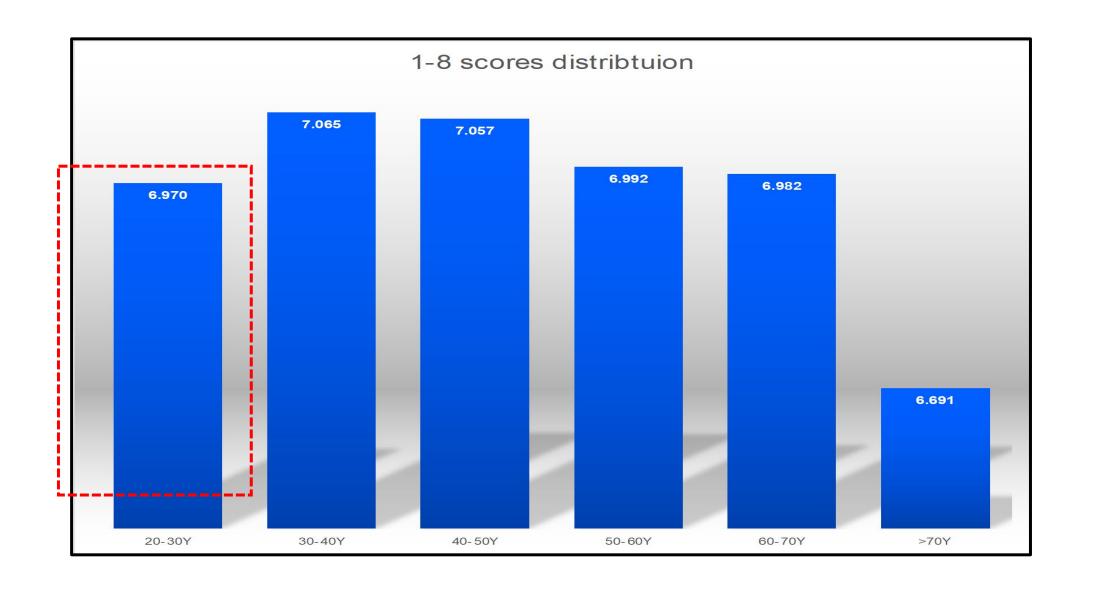








Hearing Screening Test on Mar 3, 2022

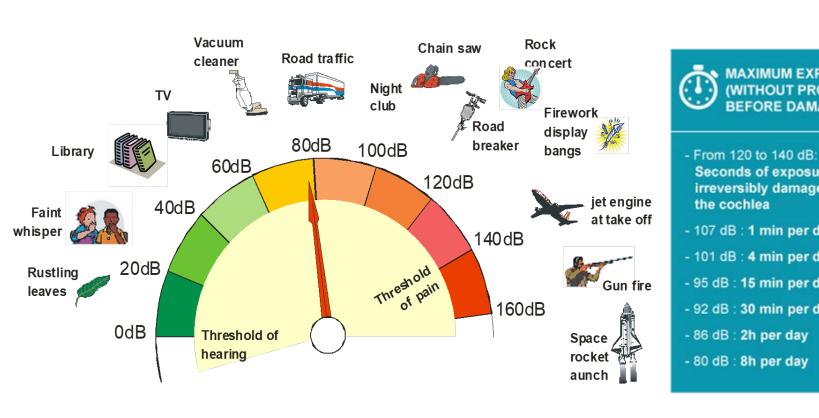


Hearing Protection Perspectives

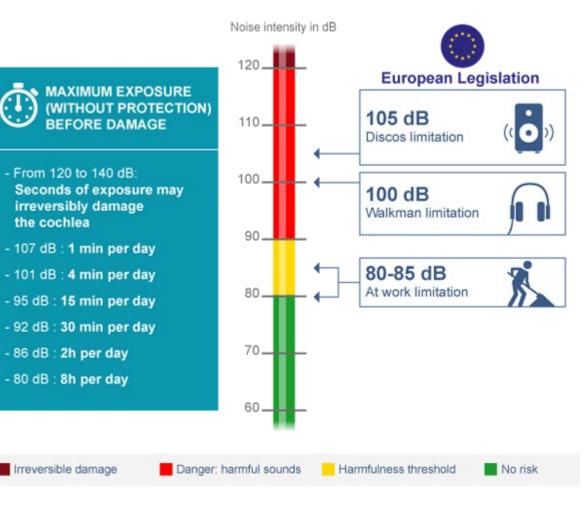
irreversibly damage

Irreversible damage

Maximum Loudness

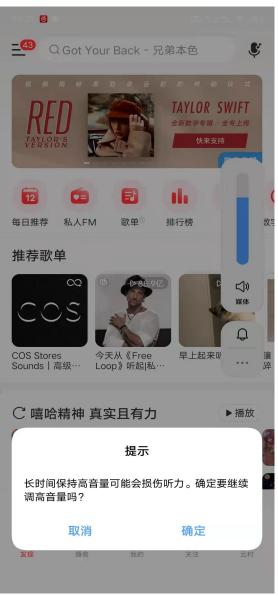


CSD



Hearing protection practices









Sound Pressure Measurements

Loudness Level: 0-16

Player: media player(by default)

Туре	Loudness at 16 (dBA)	Loudness at 12 (dBA)	Loudness at 11 (dBA)
Headphone 1	93.63	81.7	78.34
Earphone 1	96.63	82.87	79.47
Earphone 2	94.42	80.65	77.5

Call to action



- All games, applications should report their sound dose usage everyday.
- Sound dose calculation should take into account the loudness variation of content
- Sound dose calculation should take into account the acoustic loudness variation of devices, e.g., phones and headsets
- Sound dose calculation needs to be standardized and open-sourced.

Thank You!