

WHO report 2018

https://www.euro.who.int/_data/assets/pdf_file/0008/383921/noise-guidelines-eng.pdf

Aircraft noise

1. Recommendation Strength STRONG

For average noise exposure, the GDG strongly recommends reducing noise levels produced by aircraft below 45 dB Lden, as aircraft noise above this level is associated with adverse health effects.

2. Recommendation Strength STRONG

For night noise exposure, the GDG strongly recommends reducing noise levels produced by aircraft during night time below 40 dB Lnight, as night time aircraft noise above this level is associated with adverse effects on sleep.

3. Recommendation Strength STRONG

To reduce health effects, the GDG strongly recommends that policy-makers implement suitable measures to reduce noise exposure from aircraft in the population exposed to levels above the guideline values for average and night noise exposure. For specific interventions the GDG recommends implementing suitable changes in infrastructure.