

Key point of setting up road noise standard

- Preservation of life environment: disturbance of sleeping/conversation, influence on thinking, deterioration of work efficiency, uncomfortableness.
- Characteristic of road and area; number of lanes, traffic volume, residential or commercial area.
- Setting a method of measuring for comparison: measuring area/point, time.

Key point of road noise monitoring

- For comprehensive and systematic countermeasures against road traffic noise, indispensable measuring and analysis of noise is necessary.
- It is adequate to measure an average day instead of measuring constantly all the year round.



Noise Standard for roads in Japan

For the area close to ordinary road

	•Daytime (6~22)	•Nighttime (22~6)	•Remarks
Residential area close to road with two lanes or more	•60 dB or less	•55 dB or less	•A-weighted equivalent sound pressure level is used as an assessment method (L_{Aeq})
Commercial area close to road with two lanes or more, or other area	•65 dB or less	•60 dB or less	

For the area close to trunk road

	•Daytime (6~22)	•Nighttime (22~6)	•Remarks
All areas	•70 dB or less	•65 dB or less	•A-weighted equivalent sound pressure level is used as an assessment method (L_{Aeq})

Low Noise Barrier

