

Environmental Noise Maps 2017

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Noise maps as reported in 2007 in accordance to the Environmental Noise Directive (2002/49/EC).

1. Feature Attribute Description

INSPIRE3.GEO.EuMeluselvitykset2017

Common fields to all feature classes:

Feature Attribute	Description
MeluselvTunnus	Code of the noise assessment in EU data
MuutosPvm	Date for the data last update
URL_meluselvitys	Link to the Noise assessment (EEA)
Melu_db	Noise values for the noise zone

KaupKadutLden17, KaupRaideLden17, KaupMetroLden17, LentoLden17, MaantieLden17, Lento17Lden

Noise zone values:

50-55 db

55-60db

60-65 db

65-70 db

70-75 db

yli 75 db

KaupRaideLyo17, KaupMetroLyo17, MaantieLyo17

Noise zone values:

45-50 db

50-55 db

55-60db

60-65 db

65-70 db

yli 70 db

KaupKadutLyo17, RautatieLyo17, LentoLyo17

Noise zone values:

40-45 db

45-50 db

50-55 db

55-60db

60-65 db

65-70 db

yli 70 db

RautatieLden17

Noise zone values:

<50 db

50-55db

55-60db

60-65 db

65-70 db

70-75 db

yli 75 db

2. Additional Information

Noise data reported in 2017 consists of two sets of data: cities and the whole country. The reports have been delivered in ArcGis shape and have been harmonized in SYKE. Two average sound levels are described in the data: Lden (Day Evening Night Sound Level) and Ln (Night Sound Level).

The data for cities contains noise areas in urban streets and roads, roads, trams and metro. The data is based on noise surveys delivered by the cities of the Helsinki metropolitan area (Helsinki, Espoo, Kauniainen, Vantaa), Turku, Lahti, Tampere, Jyväskylä, Kuopio and Oulu.

The whole country dataset consists of the following layers:

Railways: The data is based on materials provided by the Finnish Transport Agency and cities.

Airports: The data is based on data delivered by Finavia. The data covers the noise zones of Helsinki-Vantaa, Turku, Oulu and Jyväskylä.

Roads: The material is based on data provided by the Finnish Transport Agency and cities. The data covers roads with more than 3 million vehicles a year.