

Noise exposure data reported under Environmental Noise Directive (END) 2017, version 2019, Oct. 2019

The data set includes noise exposure data reported by countries under the terms of the Environmental Noise Directive (END) by the 33 EEA member countries (EEA-33) excluding Türkiye for the third round of noise mapping in 2017. The data set includes submissions from the countries until 01/01/2019.

The data used cover noise sources specified in the END, such as major roads with more than 3 000 000 vehicle passages a year, major railways with more than 30 000 train passages per year and airports with more than 50 000 movements per year, as well as all roads, railways, airports and industries in urban agglomerations of more than 100 000 inhabitants.

Simple

Date (Creation)	2019-10-31		
Edition	01.00		
Citation identifier	eea_v_3035_10_mio_noise-exposure-end2017_i_2016_v01_r00		
Point of contact	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		info@eea.eur info@eea.europa.eu Point of contact
	European Environment Agency		info@eea.eur info@eea.europa.eu Custodian
Maintenance and update frequency	As needed		
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> • Area management/restriction/regulation zones and reporting units • Human health and safety 		
Keywords			
Keywords			
GEMET	<ul style="list-style-type: none"> • motorway • environmental noise • noise pollution • aircraft noise • night noise • industrial noise • railway • road traffic noise • noise monitoring • exposure • human exposure to pollutants 		

	<ul style="list-style-type: none"> • traffic noise • noise level • noise • airport • road
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • Switzerland • Norway • EU28 (2013-2020) • Liechtenstein • Iceland
Spatial scope	<ul style="list-style-type: none"> • European
INSPIRE priority data set	<ul style="list-style-type: none"> • Directive 2002/49/EC • Environmental noise exposure (Noise Directive) • Population (Noise Directive) • Agglomerations - population (Noise Directive) • Agglomerations (Noise Directive)
EEA topics	<ul style="list-style-type: none"> • Noise • Pollution • Road transport • Transport and mobility • Environmental health effects
Access constraints	Other restrictions
Other constraints	public access limited according to Article 13(1)(e) of the INSPIRE Directive
Use constraints	Other restrictions
Other constraints	<p>The geospatial background used in this data set (country boundaries) is only available for internal use. Copyright holder: ESRI.</p> <p>The noise exposure data itself falls under the EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (https://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA). In tabular format this data set can be downloaded from https://www.eea.europa.eu/data-and-maps/data/data-on-noise-exposure-7 .</p>
Spatial representation type	Vector
Denominator	10000000
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment • Transportation • Health

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Begin date	2016-01-01
End date	2016-12-31
CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> GDB ()

OnLine resource

No information provided.

OnLine resource	Protocol	Linkage	Name
	OGC:WMS	https://noise.discomap.eea.europa.eu/arcgis/services/noiseStoryMap/noise_exposure_2019/MapServer/WMSServer?request=GetCapabilities&service=WMS	
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

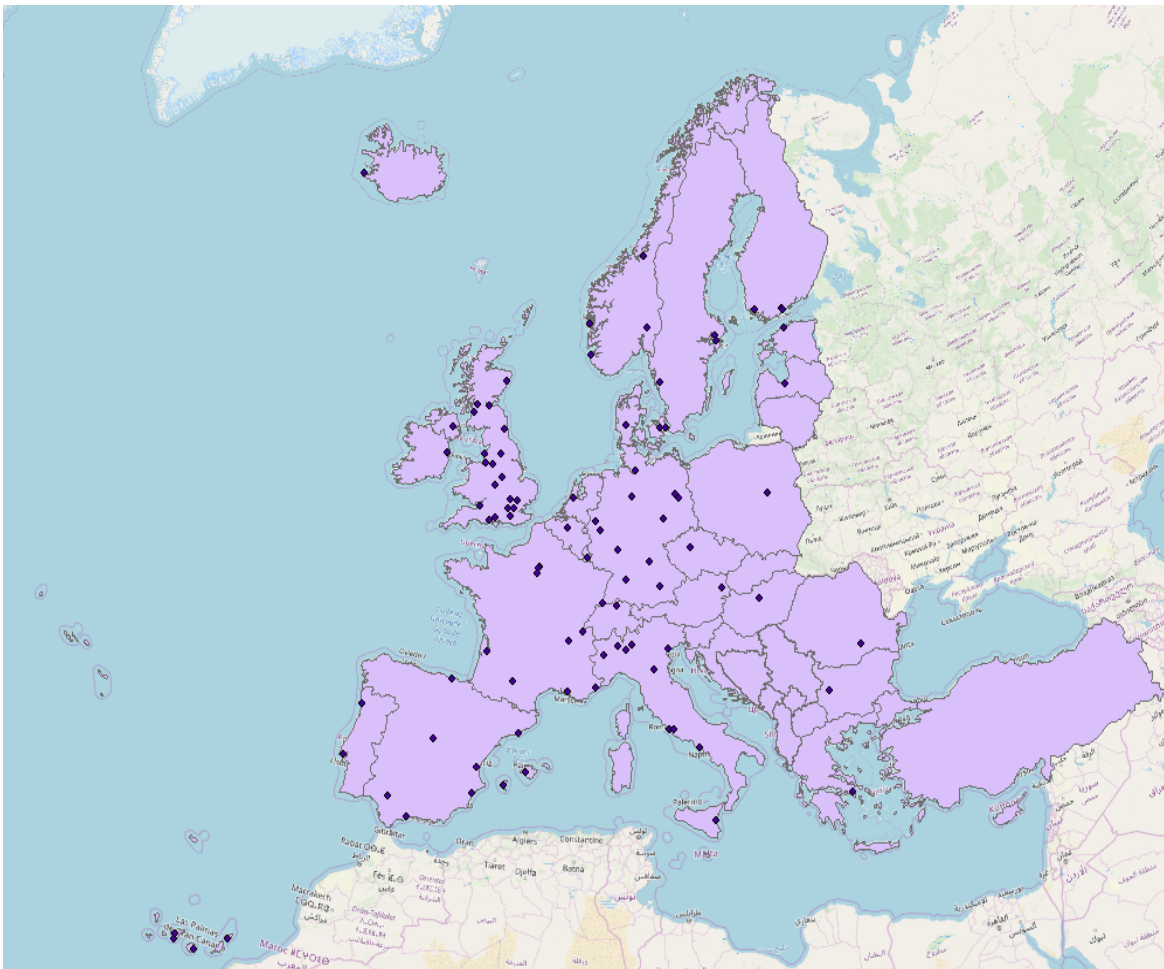
Statement	<p>The data used for the map was provided by Member States under the frame of the Environmental Noise Directive. The data correspond to submissions under the 2017 noise mapping obligations and comprises submissions up to 01/01/2019.</p> <p>This data set contains information on the number of people exposed to 5 decibel (dB) bands for two indicators "Lden : 55-59, 60-64, 65-69, 70-74, >75" and "Lnight. : 50-54, 55-59, 60-64, 65-69, > 70". The database covers the noise sources specified in the END (major roads, major railways, major airports and urban agglomerations) and the corresponding number of people exposed to each of the noise sources inside urban areas and outside urban areas. Percentage of people exposed has also been calculated for comparative purposes. The reporting requirements were set to start as from 2005, and the reporting cycle specified in the END is 5 years, with the exposure data submitted in 2007, 2012 and 2017. Details per country on the data submitted are reported on https://www.eea.europa.eu/data-and-maps/data/data-on-noise-exposure-7 (END_DF4_DF8_Results_2017_190101.xls).</p> <p>The geometry of the national boundaries have been extracted from the data used for the EEA template for map production available at https://www.eea.europa.eu/data-and-maps/data/eea-mapdata-and-templates-gis-5#tab-gis-data (EEA internal).</p>
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Metadata

File identifier	8a876222-166c-45ac-8462-5ccde7503bd3 XML
Metadata language	English
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Hierarchy level	Dataset		
Date stamp	2020-07-10T17:15:05		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



Provided by



