

Air Quality Health Risk Assessments

This data set presents health risk calculation of exposure to three main pollutants (PM2.5, PM10, NO2 and O3) at NUTS3 and Country and City levels. The concentrations data are taken from the ETC/ATNI interpolated maps (ETC/ATNI Eionet Reports 1/2020 and 1/2021 and references therein). The methodology is as described in ETC/ATNI Eionet Report 10/2021, aggregating at NUTS3 and country levels.

Simple

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Point of contact

No information provided.

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EEA Management Plan

- 2021 3.2.3

Keywords

Keywords

EEA topics

- Environmental health impacts
- Air pollution

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Overviews

City Boundary Specification (LAU/grid)	Country Or Territory	City	City Code	Total City Population *	Year	Air Pollutant	Health Risk Scenario	Populated Area [km2]	Air Pollution Average [ug/m3]	Air Pollution Population Weighted Average [ug/m3]	Premature Deaths	Premature Deaths - lower CI	Premature Deaths - upper CI	Years Of Life Lost	Years Of Life Lost - lower CI	Years Of Life Lost - upper CI
Urban Centres (grid)	Albania	All Urban Centres in a Country		972266	2005	NO2	WHO_2005_HRAPIE_Scen_Base	144	24.7	26.6	462	205	656	4872	2803	6941
Urban Centres (grid)	Austria	All Urban Centres in a Country		2405646	2005	NO2	WHO_2005_HRAPIE_Scen_Base	446	30.3	32.8	1352	783	1911	14707	8524	20794
Urban Centres (grid)	Bosnia and Herzegovina	All Urban Centres in a Country		706198	2005	NO2	WHO_2005_HRAPIE_Scen_Base	157	22.8	24.1	211	122	303	2239	1284	3197
Urban Centres (grid)	Belgium	All Urban Centres in a Country		3030639	2005	NO2	WHO_2005_HRAPIE_Scen_Base	745	32.4	35.1	2141	1247	3017	22943	13340	32334
Urban Centres (grid)	Bulgaria	All Urban Centres in a Country		3010927	2005	NO2	WHO_2005_HRAPIE_Scen_Base	384	23.3	24.9	1236	712	1759	13367	7713	18982
Urban Centres (grid)	Switzerland	All Urban Centres in a Country		2148301	2005	NO2	WHO_2005_HRAPIE_Scen_Base	600	28.4	30.3	880	508	1246	9987	5543	13594
Urban Centres (grid)	Cyprus	All Urban Centres in a Country		418267	2005	NO2	WHO_2005_HRAPIE_Scen_Base	131	20.3	21	24	13	34	249	143	387
Urban Centres (grid)	Czechia	All Urban Centres in a Country		2464143	2005	NO2	WHO_2005_HRAPIE_Scen_Base	536	26.4	27.6	961	554	1364	10587	6105	15047
Urban Centres (grid)	Germany	All Urban Centres in a Country		25479567	2005	NO2	WHO_2005_HRAPIE_Scen_Base	6769	29.2	30.7	13555	7850	19178	152048	88563	216483
Urban Centres (grid)	Denmark	All Urban Centres in a Country		1490619	2005	NO2	WHO_2005_HRAPIE_Scen_Base	400	22.5	24.1	341	197	487	3761	2162	5361
Urban Centres (grid)	Estonia	All Urban Centres in a Country		522560	2005	NO2	WHO_2005_HRAPIE_Scen_Base	103	16.4	17.4	5	3	7	54	31	78
Urban Centres (grid)	European Environment Agency Member Countries	All Urban Centres in EA432		147496598	2005	NO2	WHO_2005_HRAPIE_Scen_Base	30380	29.2	32	82133	47841	115557	915122	532933	1287867
Urban Centres (grid)	Spain	All Urban Centres in a Country		21279144	2005	NO2	WHO_2005_HRAPIE_Scen_Base	2439	29.8	34.3	13055	7618	18337	143249	83594	201181
Urban Centres (grid)	European Union Countries	All Urban Centres in EU27		145177261	2005	NO2	WHO_2005_HRAPIE_Scen_Base	29537	29.3	32.1	81424	47430	114554	907575	528564	1277183
Urban Centres (grid)	Finland	All Urban Centres in a Country		1188485	2005	NO2	WHO_2005_HRAPIE_Scen_Base	427	21.1	21.9	116	67	166	1410	808	2019
Urban Centres (grid)	France	All Urban Centres in a Country		21150065	2005	NO2	WHO_2005_HRAPIE_Scen_Base	4382	29.9	34.2	12033	7021	16912	143563	83748	201698
Urban Centres (grid)	Greece	All Urban		5099494	2005	NO2	WHO_2005_HRAPIE_Scen_Base	557	31.8	38.5	4347	2541	6080	48145	28185	67300

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