

## Industrial Reporting under the Industrial Emissions Directive 2010/75/EU and European Pollutant Release and Transfer Register Regulation (EC) No 166/2006 - ver. 10.0 Dec 2023 (Tabular data)

This metadata refers to the geospatial dataset representing the status of the EEA Industrial Reporting database as of 15 December 2023 (version 10). The release and emissions data cover the period 2007-2022 as result of the data reported under the new E-PRTR facilities, 2017-2022 for IED installations and WI/co-WIs, and 2016-2022 for LCPs. These data are reported to EEA under Industrial Emissions Directive (IED) 2010/75/EU Commission Implementing Decision 2018/1135 and the European Pollutant Release and Transfer Register (E-PRTR) Regulation (EC) No 166/2006 Commission Implementing Decision 2019/1741. The dataset brings together data formerly reported separately under E-PRTR Regulation Art.7 and under IED Art.72. Additional reporting requirements under the IED are also included.

### Simple

<b>Date (Creation)</b>	2023-12-20
<b>Date (Publication)</b>	2023-12-20
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<b>Code</b>	<a href="https://doi.org/10.2909/63a14e09-d1f5-490d-80cf-6921e4e69551">10.2909/63a14e09-d1f5-490d-80cf-6921e4e69551</a>
<b>Status</b>	Superseded

### Point of contact

No information provided.

### Point of contact

No information provided.

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No information provided.

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No information provided.

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No information provided.

<b>Maintenance and update frequency</b>	Annually
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>• <a href="#">Production and industrial facilities</a></li> </ul>
<b>Keywords</b>	
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>• large combustion plant</li> <li>• industrial structure</li> <li>• industrial installation</li> <li>• industrial environmental policy</li> <li>• pollutant</li> <li>• industrial site</li> </ul>

	<ul style="list-style-type: none"> <li>• industry</li> <li>• waste incineration plant</li> <li>• pollutant emission</li> <li>• waste incineration</li> <li>• industrial plant (building)</li> <li>• air pollution</li> <li>• EC directive</li> <li>• EC policy</li> <li>• industrial legislation</li> <li>• industrial emission</li> <li>• energy</li> <li>• waste incinerator</li> <li>• pollutant monitoring</li> </ul>
<a href="#">Continents, countries, sea regions of the world.</a>	<ul style="list-style-type: none"> <li>• <a href="#">Finland</a></li> <li>• <a href="#">United Kingdom</a></li> <li>• <a href="#">France</a></li> <li>• <a href="#">Croatia</a></li> <li>• <a href="#">Lithuania</a></li> <li>• <a href="#">Germany</a></li> <li>• <a href="#">Sweden</a></li> <li>• <a href="#">Greece</a></li> <li>• <a href="#">Portugal</a></li> <li>• <a href="#">Estonia</a></li> <li>• <a href="#">Spain</a></li> <li>• <a href="#">Switzerland</a></li> <li>• <a href="#">Romania</a></li> <li>• <a href="#">Ireland</a></li> <li>• <a href="#">Denmark</a></li> <li>• <a href="#">Serbia</a></li> <li>• <a href="#">Austria</a></li> <li>• <a href="#">Poland</a></li> <li>• <a href="#">Malta</a></li> <li>• <a href="#">Latvia</a></li> <li>• <a href="#">Belgium</a></li> <li>• <a href="#">Liechtenstein</a></li> <li>• <a href="#">Hungary</a></li> <li>• <a href="#">Cyprus</a></li> <li>• <a href="#">Czechia</a></li> <li>• <a href="#">Italy</a></li> <li>• <a href="#">Luxembourg</a></li> <li>• <a href="#">Bulgaria</a></li> <li>• <a href="#">Slovenia</a></li> <li>• <a href="#">Netherlands</a></li> <li>• <a href="#">Iceland</a></li> </ul>
<b>Spatial scope</b>	<ul style="list-style-type: none"> <li>• European</li> </ul>
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• Industry</li> <li>• Energy</li> <li>• Air pollution</li> </ul>
<b>INSPIRE priority data set</b>	<ul style="list-style-type: none"> <li>• Industrial sites - EU Registry (European Pollutant Release and Transfer Register)</li> <li>• Emissions (Industrial Emissions Directive)</li> <li>• Actual pollutant releases (European Pollutant Release and Transfer Register)</li> <li>• Sites and facilities (European Pollutant Release and Transfer Register)</li> <li>• Industrial sites - EU Registry (Industrial Emissions Directive)</li> <li>• Large combustion plants (Industrial Emissions Directive)</li> <li>• Regulation (EC) 166/2006</li> </ul>

	<ul style="list-style-type: none"> <li>• Installations (Industrial Emissions Directive)</li> <li>• Directive 2010/75/EU</li> </ul>
<b>Reporting obligations</b>	<ul style="list-style-type: none"> <li>• <a href="#">E-PRTR and LCP integrated data reporting</a></li> <li>• <a href="#">EU Registry on Industrial Sites</a></li> </ul>
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">public access limited according to Article 13(1)(a) of the INSPIRE Directive</a>
<b>Use constraints</b>	Other restrictions
<b>Other constraints</b>	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 ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Aggregate Dataset Identifier</b>	782307b9-386a-44b4-bcbf-192d36be40df
<b>Association Type</b>	revision of
<b>Aggregate Dataset Identifier</b>	4cfcdff4-0741-48f8-a73b-8e794597fe54
<b>Association Type</b>	Cross reference
<b>Spatial representation type</b>	Vector
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>

<b>Begin date</b>	2007-01-01		
<b>End date</b>	2022-12-31		
<b>Additional Information</b>	<p>A number of reporting countries have to date not submitted some of the most recent data. For additional information please refer to the metadata document.</p> <ul style="list-style-type: none"> <li>- Norway did not report data under the EU Registry (2017 onwards). Historical data have been included through an internal EEA mapping exercise.</li> <li>- Serbia did not provide a mapping file, therefore historical data had been included for the period 2009-2016 only.</li> <li>- Data for reporting year 2018 and 2019 for Liechtenstein and Slovakia is incomplete.</li> <li>- Data for reporting year 2020 for Liechtenstein, Malta and Slovakia is incomplete.</li> <li>- Data for reporting year 2021 for Czechia, Iceland, Liechtenstein, Malta and Slovakia is incomplete.</li> <li>- Data for reporting year 2022 for Bulgaria, Czechia, Iceland, Liechtenstein, Malta and Slovakia is incomplete.</li> </ul> <p>The dataset will be updated and a new version will be made available as soon as missing reporting data has been submitted.</p> <p>This dataset is based on information reported on two separate reporting obligations (EU Registry and E-PRTR/LCP). The update frequency is annually as a minimum.</p> <p>=====</p> <p>In this version of the database the EEA does not include E-PRTR/LCP data for 2017 concerning Slovakia. In 2023, Germany, Ireland and Slovakia resubmitted a complete new version of the EU Registry. Slovakia provided a new set of Inspire Id. A new mapping file between the EU Registry and the previous reporting flow has been provided.</p> <p>The EEA is currently finalising and performing QA/QC on a revised and improved version of the mapping process in order to streamline the information reported in the old EPRTTR and LCP into the new E-PRTR/LCP integrated reporting.</p> <p>The update will come shortly in 2024.</p> <p>We would appreciate your feedback regarding the user-friendliness of the database provided. Your feedback regarding for example the queries included for your convenience would be very much appreciated.</p> <p>Please contact us as <a href="mailto:industry.helpdesk@eea.europa.eu">industry.helpdesk@eea.europa.eu</a> to provide your feedback.</p>		
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• Microsoft Excel (.xls, .xlsx) ( )</li> <li>• Microsoft Access (.mdb, .accdb) ( )</li> <li>• ascii (.csv, .txt, .sql) ( )</li> </ul>		
<b>OnLine resource</b>	<p><b>Protocol</b></p> <p>EEA:FOLDERPATH</p> <p>WWW:URL</p> <p>WWW:DOWNLOAD-1.0-http--download</p> <p>WWW:LINK-1.0-http--link</p>	<p><b>Linkage</b></p> <p><a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ied-eptr_p_2007-2022_v10_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ied-eptr_p_2007-2022_v10_r00/</a></p> <p><a href="https://sdi.eea.europa.eu/data/63a14e09-d1f5-490d-80cf-6921e4e69551">https://sdi.eea.europa.eu/data/63a14e09-d1f5-490d-80cf-6921e4e69551</a></p> <p><a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/63a14e09-d1f5-490d-80cf-6921e4e69551/attachments/Industrial_Reporting_Facilities_relevant_contribution.xlsx">https://sdi.eea.europa.eu/catalogue/srv/api/records/63a14e09-d1f5-490d-80cf-6921e4e69551/attachments/Industrial_Reporting_Facilities_relevant_contribution.xlsx</a></p> <p><a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/63a14e09-d1f5-490d-80cf-6921e4e69551/attachments/EEA_Industrial_Reporting_Metadata_v10.pdf">https://sdi.eea.europa.eu/catalogue/srv/api/records/63a14e09-d1f5-490d-80cf-6921e4e69551/attachments/EEA_Industrial_Reporting_Metadata_v10.pdf</a></p>	<p><b>Name</b></p> <p>Direct download</p> <p>Industrial Reporting database metadata documentation</p> <p>Database structure and use, version 10</p>
<b>OnLine resource</b>			

	Protocol	Linkage	Name
	DOI	<a href="https://doi.org/10.2909/63a14e09-d1f5-490d-80cf-6921e4e69551">https://doi.org/10.2909/63a14e09-d1f5-490d-80cf-6921e4e69551</a>	
<b>Hierarchy level</b>	Tabular dataset		
<b>Statement</b>	<p>Data completeness</p> <p>A number of reporting countries have to date not submitted some of the most recent data. For additional information please refer to the metadata document.</p> <ul style="list-style-type: none"> <li>- Norway did not report data under the EU Registry (2017 onwards). Historical data have been included through an internal EEA mapping exercise</li> <li>- Serbia did not provide a mapping file, therefore historical data had been included for the period 2009-2016 only.</li> <li>- Data for reporting year 2018 and 2019 for Liechtenstein and Slovakia is incomplete.</li> <li>- Data for reporting year 2020 for Liechtenstein, Malta and Slovakia is incomplete.</li> <li>- Data for reporting year 2021 for Czechia, Iceland, Liechtenstein, Malta and Slovakia is incomplete.</li> <li>- Data for reporting year 2022 for Bulgaria, Czechia, Iceland, Liechtenstein, Malta and Slovakia is incomplete.</li> <li>- The dataset will be updated and a new version will be made available as soon as missing reporting data has been submitted.</li> <li>- This dataset is based on information reported on two separate reporting obligations (EU Registry and E-PRTR/LCP).</li> <li>- The update frequency is annually as a minimum.</li> </ul> <p>Inclusion of historic data reported under E-PRTR and IED</p> <p>EEA, supported by its ETC (ETC/ATNI) mapped data historically reported to the E-PRTR and IED to the new data model behind the dataset at hand.</p> <p>This was possible by using as starting point administrative data reported under EU Registry, E-PRTR and Large Combustion Plants for reporting year 2017. Using either the FacilityID or the PlantID a correspondence with the Facility and the InstallationPart as defined in the EU Registry has been made.</p> <p>Thematic data regarding pollutant releases and transfers as well as waste transfers reported to the E-PRTR for reporting years 2007 to 2017 are therefore incorporated into this dataset.</p> <p>Similarly data regarding fuel inputs, emissions and others formerly made available via the Large Combustion Plant inventory are also incorporated for reporting years 2016 and 2017.</p> <p>In this version of the database the EEA does not include E-PRTR/LCP data for 2017 concerning Slovakia. In 2023, Germany, Ireland and Slovakia resubmitted a complete new version of the EU Registry. Slovakia provided a new set of Inspire Id. A new mapping file between the EU Registry and the previous reporting flow has been provided.</p> <p>The EEA is currently finalising and performing QA/QC on a revised and improved version of the mapping process in order to streamline the information reported in the old EPRTR and LCP into the new E-PRTR/LCP integrated reporting.</p> <p>The update will come shortly in 2024.</p> <p>We would appreciate your feedback regarding the user-friendliness of the database provided. Your feedback regarding for example the queries included for your convenience would be very much appreciated.</p> <p>Northern Ireland was reported as part of the United Kingdom (2007-2020). From 2021 Northern Ireland will be a region of the United Kingdom that will be reported as part of the Northern Ireland protocol.</p> <p>Units</p> <p>Pollutant releases and transfers (kg/year)</p> <ul style="list-style-type: none"> <li>- Waste transfers (t/year)</li> <li>- Total energy input, related to net calorific value (TJ/year)</li> <li>- SO<sub>2</sub>, NO<sub>x</sub> and dust emissions from LCPs (t/year)</li> <li>- Rated thermal input (MWth)</li> <li>- Nominal and permitted capacities of Waste Incinerator and Co-Waste Incinerator (t/h)</li> </ul>		

## Metadata

<b>File identifier</b>	63a14e09-d1f5-490d-80cf-6921e4e69551 <a href="#">XML</a>		
<b>Metadata language</b>	English		
<b>Character set</b>	UTF8		
<b>Hierarchy level</b>	Tabular dataset		
<b>Hierarchy level name</b>	Tabular dataset		
<b>Date stamp</b>	2024-07-12T07:44:54.441826Z		
<b>Metadata standard name</b>	ISO 19115/19139		
<b>Metadata standard version</b>	1.0		
<b>Metadata author</b>	<b>Organisation name</b>	<b>Individual name</b>	<b>Electronic mail address</b> <b>Website Role</b>
	European Environment Agency		sdi@eea.europa.eu      Point of contact

## Overviews

countryName	pollutant	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Austria	1,2-dichloroethane (DCE-1,2)	3300	3310	2550	3220	2820	2970	2970	3160	3170	3300	3300				
Austria	Ammonia (NH3)	235400	282900	231700	194600	210200	169800	147100	161800	321500	156300	133300	237900	288400	311100	159700
Austria	Arsenic and compounds (as As)									23	20.1					
Austria	Benzene	6050	7880	9070	3800	4240	4240	4010	3910	3820	3760		4660			
Austria	Cadmium and compounds (as Cd)	15.3			14.6	17.1	40.1	27.2	15.5	40.9	136.5	147.9	83.8	47.3	29.7	16.9
Austria	Carbon dioxide (CO2)	34438000000	36093000000	31093000000	34920000000	34429000000	33946000000	32572000000	30836000000	32719000000	31893000000	22957000000	30402000000	24522000000	19740000000	20206000000
Austria	Carbon monoxide (CO)	163261000	144793000	134999000	124980000	136169000	137505000	144702000	152779000	164138000	161331000	83042000	142909000	81967000	69867000	92962000
Austria	Chlorine and inorganic compounds (as Cl)	38200	40100	40900	33100	70700	65100	155200	126300	146500	83200	25500	55700	11100		11700
Austria	Chromium and compounds (as Cr)	268	389		871	200	200	150			442		397	291	371	
Austria	Copper and compounds (as Cu)	380	380	458	458	488	410	450	101	694	1106	1119	530	290	146	261
Austria	Dichloromethane (DCM)	13000	10100	12000	6650	9680	15800	18000	8100	17500	12400	30300	12300	11300	9550	
Austria	Fluorine and inorganic compounds (as HF)					7000	6220	6140	8660		5890		6610			
Austria	Halons														437	494
Austria	Hydro-fluorocarbons (HFCs)		242	351	314	177	268	263	724	290	651	509	821	548	376	405
Austria	Hydrochlorofluorocarbons (HCFCs)	1169	1217	1703	652	293	279	552	633							
Austria	Hydrogen cyanide (HCN)	2426	2396	1193	846	846	846	846	846	846	846	846	846	846		
Austria	Lead and compounds (as Pb)	2679	1636	834	1415	1769	1541	2723	2504	2624	1384	1347	929	677		
Austria	Mercury and compounds (as Hg)	461.8	334.8	255.1	331.8	327.1	348.8	347.7	408.7	540.9	468.5	279.6	497.1	241.4	230.9	242.7
Austria	Methane (CH4)	20953000	18584000	13526000	13735000	13277000	11387000	10477000	9247000	8848000	7096000	6626000	6213000	5477000	6407000	4178000
Austria	Naphthalene								849	101			1140	153		
Austria	Nickel and compounds (as Ni)	399	352	177	716	284	303	297.4	236	420.2	629.3	370.4	321.8	277.3	153.8	122.5
Austria	Nitrogen oxides (NOx)	25087000	22873000	19103000	20383000	19241000	18595000	17371000	16146000	17099000	15383000	11561000	14342000	12184000	9881000	10016000
Austria	Nitrous oxide (N2O)	920200	1098600	565300	237400	187500	201800	201900	192600	194500	159200	25000	39800	39600	211400	37400
Austria	Non-methane volatile organic compounds (NMVOC)	3457000	3206000	2790000	3131000	3209000	3204000	3221000	3639000	4290000	4508000	4285000	5147000	4086000	3000000	2601000
Austria	PCDD + PCDF (dioxins + furans) (as Teq)	0.00232	0.00176	0.00137	0.00164	0.00139	0.00153	0.00162	0.001959	0.00125	0.00138	0.00014	0.00101	0.000159		
Austria	Particulate matter (PM10)	1177300	863800	707600	1138900	1296100	1349700	1435400	1462900	1509000	1356400	809000	1058800	906100	826700	848100
Austria	Polycyclic aromatic hydrocarbons (PAHs: 75.8)		135	93	124			126	119	109	103		134			
Austria	Sulphur hexafluoride (SF6)													312	272	228
Austria	Sulphur oxides (SOx)	11475000	7599000	6530000	8061000	7437000	7779000	7169000	7349000	7032000	7011000	2426000	6336000	2713000	1673000	2610000
Austria	Zinc and compounds (as Zn)	18820	12140	6664	9934	8490	8960	13835	12389	15517	12753	4287	9157	1756	530	2538
Belgium	1,1,1-trichloroethane (TCE-1,1,1)			143			144				442	132		150		
Belgium	1,1,2,2-tetrachloroethane (TETRACHLOROETHANE-1,1,8621)			107	5263	2241								119	74.9	66.2
Belgium	1,2-dichloroethane (DCE-1,2)	41080	45060	58900	75770	23970	45300	26900	46200	29500	23440	39310	58230	23760	67880	60680
Belgium	Ammonia (NH3)	3047400	3640200	2448000	2704700	5804400	3481600	3363900	2654300	3715800	2504600	3166400	3638400	2727800	3183300	2735800
Belgium	Anthracene	4620	4740	1890	2860	2650	2250	1610	600							
Belgium	Arsenic and compounds (as As)	2501.3	1801.2	1045.2	1008.3	806	713.4	517.9	311.6	411.5	226	201.5	260.5	318.1	289	221.2
Belgium	Benzene	641520	500250	230070	319040	305420	243370	189350	121380	80600	73190	53330	65360	50610	59020	64100
Belgium	Benzo(a,h,i)perylene	1017.654	1339.46525	685.666913	842.408214	750.038613	521.769121	357.58304	136.685322	1.0376	1.51073	1.1244	0.95637	0.76323	0.84548	
Belgium	Cadmium and compounds (as Cd)	1201.5	1497.2	495.1	778.5	670.6	387.6	346.3	232.8	586.8	1497.4	306	193.7	218.1	146.2	180.7
Belgium	Carbon dioxide (CO2)	56804000000	56990000000	48761000000	53752000000	50209000000	47518000000	46364000000	44306000000	46745000000	45198000000	44395000000	43465000000	44744000000	41122000000	46384000000
Belgium	Carbon monoxide (CO)	376131000	403220000	1785610000	248460000	187426000	131255000	299011000	138766000	180039000	163093000	108253000	157963000	191610000	117739000	114675000
Belgium	Chlorine and inorganic compounds (as Cl)	2270800	1160500	563700	704400	630100	680000	507000	557300	385400	469100	569400	577400	421700	386638	453700
Belgium	Chlorofluorocarbons (CFCs)	3005.5	15.5	55.4	131.5	225	16.5	77	2	6.8	28	2				
Belgium	Chromium and compounds (as Cr)	15569	12913	7463	7337	5789	7526	2548	2541	3023	2876	1105	1007	1062	1240	1183
Belgium	Copper and compounds (as Cu)	3982	5174	2191	3636	2925	2094	1744	1557	1517	1716	1454	721	951	1589	1539
Belgium	Di-(2-ethyl hexyl) phthalate (DEHP)	2740.8	2696.5	254.8	1199	1417.6	1978.8	428	72.5	355.4	138	26.6	41.3	25.7	52.8	247
Belgium	Dichloromethane (DCM)	228200	229920	217450	138200	261810	186990	43620	79950	122380	42350	31110	21100	18300	16700	19200
Belgium	Ethylene oxide		2330	1320									1700	18300	9700	4440

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