



## Industrial Reporting under the Industrial Emissions Directive 2010/75/EU and European Pollutant Release and Transfer Register Regulation (EC) No 166/2006 - ver. 14.0 Mar. 2025 (Tabular data)

This metadata refers to the geospatial dataset representing the status of the EEA Industrial Reporting database as of 10 March 2025 (version 14). The release and emissions data cover the period 2007-2023 as result of the data reported under the E-PRTR facilities, 2017-2023 for IED installations and WI/co-WIs, and 2016-2023 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

Date (Creation)	2024-09-01
Date (Publication)	2024-12-17
Edition	14.00
Citation identifier	eea_t_ied-eprtr_p_2007-2023_v14_r00
Citation identifier	DAT-238-en
Code	<a href="#">10.2909/21e758c6-a9ac-4a7d-a64a-19d2ba9eecb7</a>

### 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.

Maintenance and update frequency	Annually
<a href="#">GEMET - INSPIRE themes, version 1.0</a>	<ul style="list-style-type: none"><li><a href="#">Production and industrial facilities</a></li></ul>
Keywords	
Keywords	
<a href="#">GEMET</a>	<ul style="list-style-type: none"><li><a href="#">waste incineration</a></li><li><a href="#">energy</a></li><li><a href="#">industrial environmental policy</a></li><li><a href="#">industrial emission</a></li><li><a href="#">industrial legislation</a></li><li><a href="#">pollutant</a></li><li><a href="#">industrial installation</a></li><li><a href="#">industrial site</a></li><li><a href="#">EC directive</a></li><li><a href="#">large combustion plant</a></li><li><a href="#">pollutant emission</a></li><li><a href="#">waste incinerator</a></li><li><a href="#">waste incineration plant</a></li></ul>

	<ul style="list-style-type: none"> <li>• <a href="#">EC policy</a></li> <li>• <a href="#">pollutant monitoring</a></li> <li>• <a href="#">industry</a></li> <li>• <a href="#">industrial structure</a></li> <li>• <a href="#">industrial plant (building)</a></li> <li>• <a href="#">air pollution</a></li> </ul>
<a href="#">Continents, countries, sea regions of the world.</a>	<ul style="list-style-type: none"> <li>• <a href="#">Greece</a></li> <li>• <a href="#">Malta</a></li> <li>• <a href="#">Iceland</a></li> <li>• <a href="#">Portugal</a></li> <li>• <a href="#">Cyprus</a></li> <li>• <a href="#">Latvia</a></li> <li>• <a href="#">Luxembourg</a></li> <li>• <a href="#">United Kingdom</a></li> <li>• <a href="#">Switzerland</a></li> <li>• <a href="#">Finland</a></li> <li>• <a href="#">Croatia</a></li> <li>• <a href="#">Romania</a></li> <li>• <a href="#">Italy</a></li> <li>• <a href="#">Slovenia</a></li> <li>• <a href="#">Czechia</a></li> <li>• <a href="#">Netherlands</a></li> <li>• <a href="#">Spain</a></li> <li>• <a href="#">Belgium</a></li> <li>• <a href="#">Bulgaria</a></li> <li>• <a href="#">Denmark</a></li> <li>• <a href="#">France</a></li> <li>• <a href="#">Poland</a></li> <li>• <a href="#">Hungary</a></li> <li>• <a href="#">Sweden</a></li> <li>• <a href="#">Ireland</a></li> <li>• <a href="#">Germany</a></li> <li>• <a href="#">Estonia</a></li> <li>• <a href="#">Lithuania</a></li> <li>• <a href="#">Austria</a></li> <li>• <a href="#">Serbia</a></li> <li>• <a href="#">Liechtenstein</a></li> <li>• <a href="#">Norway</a></li> <li>• <a href="#">Slovakia</a></li> </ul>
<b>Spatial scope</b>	<ul style="list-style-type: none"> <li>• European</li> </ul>
<a href="#">EEA topics</a>	<ul style="list-style-type: none"> <li>• <a href="#">Energy</a></li> <li>• <a href="#">Air pollution</a></li> <li>• <a href="#">Industry</a></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>• Large combustion plants (Industrial Emissions Directive)</li> <li>• Directive 2010/75/EU</li> <li>• Actual pollutant releases (European Pollutant Release and Transfer Register)</li> <li>• Emissions (Industrial Emissions Directive)</li> <li>• Sites and facilities (European Pollutant Release and Transfer Register)</li> <li>• Industrial sites - EU Registry (Industrial Emissions Directive)</li> <li>• Installations (Industrial Emissions Directive)</li> <li>• Regulation (EC) 166/2006</li> </ul>
<a href="#">Reporting obligations</a>	<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>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>• 2024 3.1.2</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

Other constraints	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).
Aggregate Datasetidentifier	782307b9-386a-44b4-bcbf-192d36be40df
Association Type	revision of
Aggregate Datasetidentifier	4cfcdf4-0741-48f8-a73b-8e794597fe54
Association Type	Cross reference
Spatial representation type	Vector
Language of dataset	English
Topic category	<ul style="list-style-type: none"><li>• Environment</li></ul>

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Begin date	2007-01-01		
End date	2023-12-31		
Additional Information	<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>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>- Data for Liechtenstein is incomplete for the period 2018-2023</li> <li>- Data for Czechia is incomplete for the period 2022-2023</li> <li>- Data for Lithuania, Malta, Slovakia, Iceland and Switzerland is incomplete for the year 2023</li> <li>- 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.</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>Production Volume data: reporting of Production Volume is mandatory as per reporting year 2023. Reporting countries experienced several challenges in reporting Production Volume. The EEA is performing additional QA on reported data and collecting feedback from reporting countries. For this reason, Production Volume data is not published in this version of the dataset and it will be released, as an aggregate EU27 figure, in a future update alongside any data resubmitted or reported by Member States</p>		
Distribution format	<ul style="list-style-type: none"> <li>• Microsoft Excel (.xls, .xlsx) ( )</li> <li>• ascii (.csv, .txt, .sql) ( )</li> </ul>		
OnLine resource	<b>Protocol</b>  EEA:FOLDERPATH  WWW:URL  WWW:DOWNLOAD-1.0-http--download	<b>Linkage</b>  <a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ied-eptr_p_2007-2023_v14_r00/">https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_ied-eptr_p_2007-2023_v14_r00/</a>  <a href="https://sdi.eea.europa.eu/data/21e758c6-a9ac-4a7d-a64a-19d2ba9eeeb7">https://sdi.eea.europa.eu/data/21e758c6-a9ac-4a7d-a64a-19d2ba9eeeb7</a>  <a href="https://sdi.eea.europa.eu/catalogue/srv/api/records/21e758c6-a9ac-4a7d-a64a-19d2ba9eeeb7/attachments/EEA_Industrial_Reporting_Metadata_v14.pdf">https://sdi.eea.europa.eu/catalogue/srv/api/records/21e758c6-a9ac-4a7d-a64a-19d2ba9eeeb7/attachments/EEA_Industrial_Reporting_Metadata_v14.pdf</a>	<b>Name</b>   Direct download   Industrial Reporting database metadata documentation v.14

OnLine resource

No information provided.

OnLine resource	Protocol	Linkage	Name
		<a href="https://doi.org/10.2909/21e758c6-a9ac-4a7d-a64a-">https://doi.org/10.2909/21e758c6-a9ac-4a7d-a64a-</a>	

	DOI <a href="#">19d2ba9eecb7</a>
Hierarchy level	Tabular dataset
Statement	<p>Management of historical data reported to E-PRTR Regulation (2007-2017) and former LCP database (2016 - 2017) and their inclusion in the industrial database.</p> <p>The European Environment Agency (EEA), in collaboration with the European Topic Centre for Air and Noise (ETC/ATNI), has undertaken a significant initiative to convert historical pollution data into a new, standardised format. This section outlines the key steps involved in this process.</p> <p>Data Sources</p> <p>* European Pollutant Release and Transfer Register (E-PRTR): Data on pollutant releases and transfers for reporting years 2007 to 2017.</p> <p>* Industrial Emissions Directive (IED): Data on fuel inputs and emissions for Large Combustion Plants (LCPs) for reporting years 2016 and 2017.</p> <p>* EU Registry: Administrative data on facilities (available from 2017 onwards).</p> <p>Data Mapping Methodology</p> <p>Establishing a Time-Consistent Foundation (Revised in 2023): The initial methodology utilised data reported for the year 2017 under the EU Registry, E-PRTR, and LCPs as the foundation for mapping between the old and new reporting systems. In 2023, the EEA refined this approach to ensure greater temporal consistency for industrial entities. Presently, a search is conducted across EU Registry data from 2017 to 2021 to identify match using either the NationalId (facility) or PlantID (LCP). This expanded search window guarantees a more comprehensive and time-consistent linkage between facilities and the corresponding data reported under the various systems. Additionally, for LCP data, a direct match between the E-PRTR NationalId reported in the old LCP database and the facility in the EU Registry is performed to establish a clear connection between the LCP and the relevant facility.</p> <p>Integration of Historical Data (2024Update): Thematic data on pollutant releases, transfers, and waste transfers reported under the E-PRTR from 2007 to 2017 were incorporated. Data on fuel inputs and emissions from LCPs for reporting years 2016 and 2017 were also included.</p> <p>Data Enhancements: In 2023, Germany, Ireland, and Slovakia resubmitted updated EU Registry data from 2017. A new set of unique identifiers (Inspire IDs) was provided by Slovakia. A revised mapping file was developed to facilitate the integration of the updated EU Registry data with the previously employed reporting format.</p> <p>Significance: This comprehensive data mapping exercise ensures that historical pollution data from various sources is now accessible in a consistent and standardised format, facilitating improved analysis and reporting within the European Union.</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>Units</p> <p>Pollutant releases and transfers (kg/year)</p> <p>- Waste transfers (t/year)</p> <p>- Total energy input, related to net calorific value (TJ/year)</p> <p>- SO2, NOX and dust emissions from LCPs (t/year)</p> <p>- Rated thermal input (MWth)</p> <p>- Nominal and permitted capacities of Waste Incinerator and Co-Waste Incinerator (t/h)</p>
Metadata	
File identifier	21e758c6-a9ac-4a7d-a64a-19d2ba9eecb7 <a href="#">XML</a>
Metadata language	English
Character set	UTF8

Hierarchy level	Tabular dataset		
Hierarchy level name	Tabular dataset		
Date stamp	2025-03-18T10:11:22.850509Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	<div><div><div>Organisation name</div><div>Individual name</div></div><div>European Environment Agency</div></div> <div><div>Electronic mail address</div><div>Website</div><div>Role</div></div> <div><div>sdi@eea.europa.eu</div><div></div><div>Point of contact</div></div>		

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	3820	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	14.6	17.1	40.1	27.2	15.3	40.9	147.9	81.8		47.3		29.7	16.9	
Austria	Carbon dioxide (CO2)	34418000000	36930000000	31093000000	34932000000	34420000000	31946000000	32571000000	38816000000	32719000000	31893000000	32197000000	30402000000	34532000000	31740000000	30206000000	
Austria	Carbon monoxide (CO)	1616261000	144793000	134999000	124908000	1186189000	1175050000	144702000	152779000	164138000	161131000	83042000	142909000	81967000	69867000	52962000	
Austria	Chlorine and inorganic compounds (as Cl)	38200	40100	40900	33100	70700	65100	155200	126300	146000	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	9600	15000	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	134.8	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	133			
Austria	Nickel and compounds (as Ni)	399	352	177	716	284	303	297.4	236	420.2	629.3	376.4	321.8	277.3	153.8	122.5	
Austria	Nitrogen oxides (NOx)	215017000	22873000	19101000	20381000	192041000	18599000	17371000	16164000	17009000	12383000	11561000	14342000	121164000	9881000	10016000	
Austria	Nitrous oxide (N2O)	920200	1096000	565300	217400	187500	201800	201900	192600	194500	193200	25000	39800	39600	211400	37400	
Austria	Non-methane volatile organic compounds (NMVOC)	3457000	3206000	2790000	3111000	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	707800	1138900	1296100	1345700	1435400	1462300	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				
Belgium	1,1,2,2-tetrachloroethane (TETRACHLOROETHANE-1,1,2,2)	107	5263	2241									119	74.9	66.2		
Belgium	1,2-dichloroethane (DCE-1,2)	41080	45060	58990	75770	23970	45300	26900	46200	29500	23440	39310	58230	23760	67800	66040	
Belgium	Ammonia (NH3)	1047400	1640200	2448000	2704700	5804400	3481600	3163900	2654300	3715800	2504600	3166400	3618400	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	641530	500250	230070	219040	305420	243370	189350	121180	80600	73190	53330	65360	50610	59020	64100	
Belgium	Benz[a]h]perylene	1017.454	1339.44535	685.666913	942.480224	750.038613	521.769121	557.58304	136.685322	1.8736	1.51073	1.1244	0.95637	0.76213	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	56992000000	48761000000	53752000000	50209600000	47518000000	46364000000	44360000000	45198000000	44395000000	44365000000	44460000000	41122000000	46384000000		
Belgium	Carbon monoxide (CO)	376131000	403220000	178561000	248460000	187426000	131255000	299011000	138766000	180393000	163093000	108253000	157963000	151610000	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	35.5	35.4	331.5	225	18.5	77	2	6.8	29	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	

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