Reported information under Regulation (EC) No 166/2006 on the establishment of a European Pollutant Release and Transfer Register

Information on the database structure and use

Version 1.0





Cover design: EEA

Cover photo: Jorge Franganillo, Creative Commons Attribution 2.0 Generic (https://goo.gl/rgHYk6)

Layout: EEA

Acknowledgments

The dataflow is managed by Bastian Zeiger (EEA). Please refer to him for further enquiries (bastian.zeiger@eea.europa.eu).

About the database

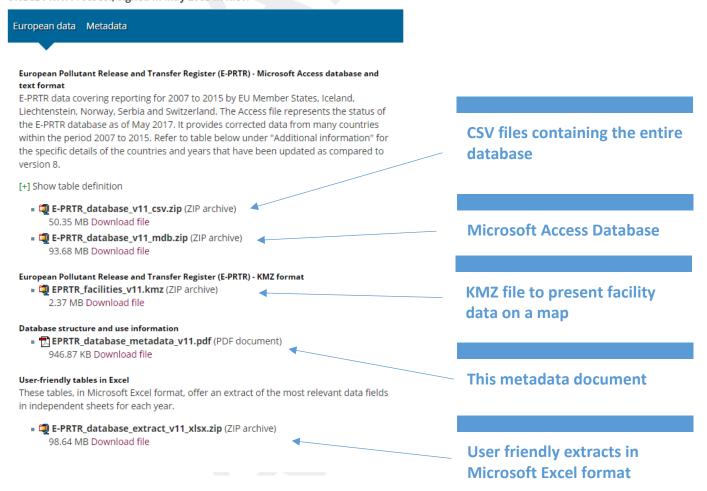
This database contains facility-by-facility data on releases and transfers of pollutants and waste covered by Regulation (EC) No 166/2006 on the establishment of a European Pollutant Release and Transfer Register (E-PRTR Regulation) for the years 2004 to 2015. For facilities involved in activities listed in Annex I of the E-PRTR Regulation, the data include releases of pollutants listed in Annex II to air, water and land (above Annex II threshold releases only) as well as off-site transfers in waste-water. The data further includes off-site transfers of hazardous waste (above Article 5 thresholds only).

Table of contents

Ac	cknowledgments	2
Ab	oout the database	2
Та	ible of contents	2
1	Content of the EEA dataservice entry	3
2	User friendly tables with yearly data	3
3	Complete MS Access database	3
-	The data model	4
-	Tables and fields	6
(Queries	
	Metadata	

1 Content of the EEA dataservice entry

The European Pollutant Release and Transfer Register (E-PRTR) is a web-based register established by Regulation (EC) No 166/2006 which implements the UNECE PRTR Protocol, signed in May 2003 in Kiev.



2 User friendly tables with yearly data

The user-friendly tables are an extract of the database containing the most relevant fields and provided in Excel format. They correspond to the queries in the MS Access database mentioned below.

This presentation of the data is meant to help those users who are not familiar with Microsoft Access.

3 Complete MS Access database

The European dataset is provided in its complete version in Microsoft Access data format. This section outlines the strtucture of the data, the interpretation of the data fields and the metadata of the file.

The data model

The database consists of 10 tables. Its structure is shown in the figure below.

The FACILITYREPORT table contains basic data on each facility reported by each country. This includes contact details and exact location, information about the competent authority and other facility level data. The ACTIVITY provides information about the activities reported for each facility. The POLLUTANTRELEASEANDTRANSFERREPORT table contains additional information about the delivery on the EEA's Central Data Repository (CDR) including the reporting year. FACILITYID_CHANGES contains information about facilities that have changed their internal FacilityID (a unique ID for each facility in the dataset) over time for traceability.

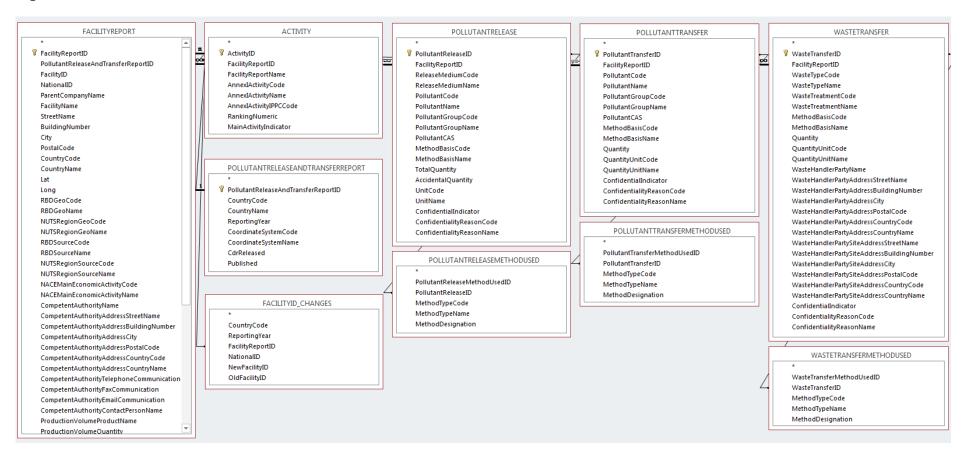
The POLLUTANTRELEASE table contains data on each pollutant release to air, water and land reported in all facility reports including the type of pollutant and quantity released. The POLLUTANTRELEASEMETHODUSED table contains data on release methods for each release.

The POLLUTANTTRANSFER table then contains data on each pollutant transfer in waste water reported in all facility reports including the type of pollutant and quantity transferred. The POLLUTANTTRANSFERMETHODUSED again contains data on the transfer method for each transfer reported.

The WASTETRANSFER table contains data on transfers of waste reported in each facility report including the type of waste and quantity transferred as well as information about whether the waste was transferred out of the country or within. The WASTETRANSFERMETHODUSED table contains data on the transfer methods used.

All fields in the various tables are described below.

Figure: Structure of the E-PRTR database



Tables and fields

The E-PRTR database contains the following tables and fields:

Fields in FACILITYREPORT

Field	Data type	Description
FacilityReportID	Int	Primary key.
		Required.
PollutantReleaseAndTransferRepo	Int	Identifies the report that the facility report is a part
rtID		of.
		Required.
		References table
		FULL_POLLUTANTRELEASEANDTRANSFER
		EPORT.
FacilityID	Int	Unique identification of the facility.
T define ID	1111	Required.
NationalID	nvarchar(2	National Identification of the facility.
Tationand	55)	Required.
Doront Compony Nome	nvarchar(2	
ParentCompanyName	·	Name of the parent company, i.e. the company that
	55)	owns or controls the company operating the facility
		Required unless confidentiality is claimed.
FacilityName	nvarchar(2	Name of the facility (operator or owner).
	55)	
StreetName	nvarchar(2	The street name of the facility.
	55)	
BuildingNumber	nvarchar(2	The building number of the facility.
	55)	·
City	nvarchar(2	Name of city, where facility is located
3	55)	, , ,
PostalCode	nvarchar(5	The postal code of the facility.
1 ostareode	0)	The postar code of the facility.
CountryCode	nvarchar(2	Country code
CountryCode	·	Country code
C N	55)	
CountryName	nvarchar(2	Country name
*	55)	T
Lat	Float	Latitude
Long	Float	Longitude
RBDGeoCode	nvarchar(2	Identifies the river basin district code computed by
	55)	geo-coding
RBDGeoName	nvarchar(2	
RBDGeoName	55)	Identifies the river basin district name computed by geo-coding
	55)	geo-coding
RBDGeoName NUTSRegionGeoCode		geo-coding
	55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding
NUTSRegionGeoCode	55) nvarchar(2 55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2
NUTSRegionGeoCode NUTSREGIONGeoName	55) nvarchar(2 55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding
NUTSRegionGeoCode	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode	55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode NUTSREGIONSourceName	55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e	55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code
NUTSRegionGeoCode NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSRegionSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code Main economic activity Name for NACE reported a
NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSREGIONSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa me	55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code Main economic activity Name for NACE reported a NACE Code
NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSREGIONSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa me MainEconomicActivityNameSour	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code Main economic activity Name for NACE reported a
NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSREGIONSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa me MainEconomicActivityNameSour ce	55) nvarchar(2 55)	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code Main economic activity Name for NACE reported a NACE Code Main economic activity Name reported as text
NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSREGIONSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa me MainEconomicActivityNameSour	55) nvarchar(2	geo-coding Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported a NACE Code Main economic activity Name for NACE reported a NACE Code
NUTSREGIONGeoName RBDSourceCode RBDSourceName NUTSREGIONSourceCode NUTSREGIONSourceName NACEMainEconomicActivityCod e NACEMainEconomicActivityNa me MainEconomicActivityNameSour ce	55) nvarchar(2 55)	Identifies the NUTS region code at level 2 compute by geo-coding Identifies the NUTS region name at level 2 computed by geo-coding Identifies the river basin district code as reported by the RS Identifies the river basin district name as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region code as reported by the RS Identifies the NUTS region name as reported by the RS Main economic activity Code for NACE reported as NACE Code Main economic activity Name for NACE reported as NACE Code Main economic activity Name reported as text

CompetentAuthorityAddressBuiding number of competent authority party production (Section Volume Production Volume UnitName Production Volume UnitName Production Volume UnitName Production Volume UnitName Internation Indication Invarchar(2 Signature)			
CompetentAuthorityAddressPosta CompetentAuthorityAddressPosta Code		,	Building number of competent authority party
S5 CompetentAuthorityAddressPosta Code S5 CompetentAuthorityAddressCoun nvarchar(2 S5) CompetentAuthorityAddressCoun nvarchar(2 Country code of competent authority party S5 CompetentAuthorityAddressCoun nvarchar(2 Country name of competent authority party S5 CompetentAuthorityTelefonCom nvarchar(2 Telephone number of competent authority party S5 CompetentAuthorityFacCommuni nvarchar(2 Fax number of competent authority party S5 CompetentAuthorityFacCommuni nvarchar(2 Email of competent authority party S5 CompetentAuthorityContactPerso nvarchar(2 Email of competent authority party S5 CompetentAuthorityContactPerso nvarchar(2 S5 ProductionVolumeProductName nvarchar(2 Name of primary product S5 ProductionVolumeQuantity Final ProductionVolume		/	C'. C
CompetentAuthorityAddressPosta S5	CompetentAuthorityAddressCity		City of competent authority party
CompetentAuthorityAddressCoun tryCode tryCode CompetentAuthorityAddressCoun tryAame S5) CompetentAuthorityAddressCoun tryAame CompetentAuthorityTelefonCom mvarchar(2 tryAame CompetentAuthorityTelefonCom mvarchar(2 tryAame S5) CompetentAuthorityTelefonCom mvarchar(2 trelephone number of competent authority party styation to the state of competent authority party styation styation to the state authority party styation authority party styation to the state authority party styation styation of competent authority party styation styation styation styation of competent authority party styation stya	CompetentAuthorityAddressPosta		Postal code of competent authority party
tryCode CompetentAuthorityAddressCoun rvarchar(2 Country name of competent authority party tryName 55) CompetentAuthorityTelefonCom munication 55) CompetentAuthorityTelefonCom invarchar(2 cation CompetentAuthorityTelefonCom munication 55) CompetentAuthorityTemailCommun rication 55) CompetentAuthorityTemailCommun rication 55) CompetentAuthorityContactPerso nName ProductionVolumeProductName ProductionVolumeQuantity ProductionVolumeQuantity ProductionVolumeQuantity ProductionVolumeQuantity ProductionVolumeUnitCode 55) TotallPPCInstallationQuantity NebsiteCommunication TotalEmployeeQuantity NebsiteCommunication TotalEmployeeQuantity NebsiteCommunication Name Navarchar(2 So PublicInformation Navarchar(3 So PublicInformation Navarchar(4 So So Name of primary product Name of primary product Unit code of quantity. Unit code of quantity. The total number of IPPC installations covered by the facility. Number of employees. WebsiteCommunication TotalEmployeeQuantity Number of employees. PublicInformation Navarchar(7 So PublicInformation Navarchar(8 So Navarchar(9 So Navarchar(1 So So Navarchar(1 So So Navarchar(2 So Navarchar(2 So NainIASectorCode Navarchar(2 So NainIASectorName Navarchar(2 So NainIASubActivityCode Navarchar(2 So NainIASubActivityCode Navarchar(2 So NainIASubActivityName N			
CompetentAuthorityAddressCoun tryName 55) CompetentAuthorityTelefonCom mvarchar(2 munication 55) CompetentAuthorityTelefonCom mvarchar(2 mvarchar(2 cation 55) CompetentAuthorityEmailCommun invarchar(2 Email of competent authority party 55) CompetentAuthorityEmailCommun invarchar(2 Email of competent authority party 55) CompetentAuthorityEmailCommun invarchar(2 Email of competent authority party 55) CompetentAuthorityContactPerso invarchar(2 Email of competent authority party 55) CompetentAuthorityContactPerso invarchar(2 Email of competent authority party 75) ProductionVolumeProductName 55) ProductionVolumeQuantity float Production quantity of primary product 55) ProductionVolumeQuantity float Production quantity of primary product 10 unit code of quantity. ProductionVolumeUnitName invarchar(2 Unit code of quantity. S5) TotallPPCInstallationQuantity int The total number of IPPC installations covered by the facility. OperatingHours int The number of employees. TotalEmployeeQuantity int Number of employees. WebsiteCommunication invarchar(2 The website address of Facility. S5) PublicInformation invarchar(2 Indicates if confidentiality for mandatory data is claimed or not. Required. ConfidentialItyReasonCode nvarchar(2 Identifies the reason Code for confidentiality. Fextual information. Additional information to be published on web site as-is (e.g. e-mail, contact person act.). ConfidentialityReasonName nvarchar(2 Identifies the reason Code for confidentiality. Fextual information is claimed or not. Required. ConfidentialityReasonName nvarchar(2 Identifies the reason Name for confidentiality. Fextual remark, e.g. information in changes of the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Name of main industrial activity 55) MainIASubActivityCode nvarchar(2 Subactivity Name of main industrial activity 55) MainIASubActivityCode nvarchar(2 Subactivity Name of main industrial activity 55)			Country code of competent authority party
CompetentAuthorityTelefonCom nvarchar(2 munication 55) CompetentAuthorityFaxCommuni cation 1 nvarchar(2 munication 55) CompetentAuthorityFaxCommuni nvarchar(2 station 55) CompetentAuthorityCentactPerso nvarchar(2 station 1 nutustrial activity station 1 nvarchar(2 station 1 nutustrial activity station 1 nvarchar(2 station 1 nutustrial activity station 1 nvarchar(2 station 1 nvarchar(2 station 1 nvarchar(2 station 1 nvarchar(2 station 1 nutustrial activity station 1 nvarchar(2 station 1 nv			
CompetentAuthorityTelefonCom munication			Country name of competent authority party
CompetentAuthorityFaxCommuni cation CompetentAuthorityEmailCommu invarchar(2 55) CompetentAuthorityContactPerso invarchar(2 55) ProductionVolumeProductName 55) ProductionVolumeQuantity 6 float		nvarchar(2	Telephone number of competent authority party
cation			
CompetentAuthorityEmailCommu nication			Fax number of competent authority party
nication 55) CompetentAuthorityContactPerso nvarchar(2 Name 55)			Email of competent authority party
nName	nication		
ProductionVolumeProductName	CompetentAuthorityContactPerso	nvarchar(2	Contact person at competent authority party
ProductionVolumeQuantity			
ProductionVolumeUnitCode 55) ProductionVolumeUnitName nvarchar(2 55) TotalIPPCInstallationQuantity int The total number of IPPC installations covered by the facility. OperatingHours int The number of operating hours in reporting year Number of employees. WebsiteCommunication nvarchar(2 55) PublicInformation nvarchar(max) Textual information. Additional information to be published on web site as-is (e.g. e-mail, contact person etc.). ConfidentialIndicator bit Indicates if confidentiality for mandatory data is claimed or not. Required. ConfidentialityReasonCode nvarchar(2 Identifies the reason Code for confidentiality. S5) ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(max) Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(ax) Excurrent for the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Name of main industrial activity 55) MainIAActivityCode nvarchar(2 Sector Name of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55)	ProductionVolumeProductName		Name of primary product
ProductionVolumeUnitName	ProductionVolumeQuantity	float	Production quantity of primary product
ProductionVolumeUnitName			Unit code of quantity.
TotalIPPCInstallationQuantity int The total number of IPPC installations covered by the facility. OperatingHours int The number of operating hours in reporting year TotalEmployeeQuantity int Number of employees. WebsiteCommunication	ProductionVolumeUnitName	nvarchar(2	Unit name of quantity.
TotalEmployeeQuantity int Number of operating hours in reporting year	m - Import - II - 1 - 0 1		The second of th
TotalEmployeeQuantity WebsiteCommunication Number of employees. The website address of Facility. The definition additional information to be published on web site as-is (e.g. endocreted on the published of		ınt	the facility.
WebsiteCommunication		int	
PublicInformation			
ax) published on web site as-is (e.g. e-mail, contact person etc.). ConfidentialIndicator bit Indicates if confidentiality for mandatory data is claimed or not. Required. ConfidentialityReasonCode nvarchar(2 Identifies the reason Code for confidentiality. Required if confidentiality is claimed for mandatory data. ConfidentialityReasonName nvarchar(2 Identifies the reason Name for confidentiality. Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) information in changes of the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Code of main industrial activity MainIASectorName nvarchar(2 Sector Name of main industrial activity 55) MainIAActivityCode nvarchar(2 Activity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Code of main industrial activity Soluctivity Code of main industrial activity Soluctivity Name of main industrial activity	WebsiteCommunication		The website address of Facility.
ConfidentialIndicator bit Indicates if confidentiality for mandatory data is claimed or not. Required. ConfidentialityReasonCode nvarchar(2 55) ConfidentialityReasonName nvarchar(2 55) Required if confidentiality is claimed for mandatory data. ConfidentialityReasonName nvarchar(2 55) Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) MainIASectorCode nvarchar(2 55) MainIASectorName nvarchar(2 55) MainIAActivityCode nvarchar(2 55) MainIAActivityName nvarchar(2 55) MainIASubActivityName nvarchar(2 55) MainIASubActivityCode nvarchar(2 55) MainIASubActivityCode nvarchar(2 55) MainIASubActivityName nvarchar(2 55) Subactivity Name of main industrial activity Solutivity Name of main industrial activity	PublicInformation	nvarchar(m	Textual information. Additional information to be
ConfidentialIndicator bit Indicates if confidentiality for mandatory data is claimed or not. Required. ConfidentialityReasonCode nvarchar(2 55) ConfidentialityReasonName nvarchar(2 55) ConfidentialityReasonName nvarchar(2 55) Required if confidentiality is claimed for mandatory data. ConfidentialityReasonName nvarchar(2 55) Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) MainIASectorCode nvarchar(2 55) MainIASectorName nvarchar(2 55) MainIAActivityCode nvarchar(2 55) MainIAActivityName nvarchar(2 55) MainIASubActivityName nvarchar(2 55) MainIASubActivityCode nvarchar(2 55) MainIASubActivityCode nvarchar(2 55) MainIASubActivityName nvarchar(2 55) Subactivity Name of main industrial activity Soluactivity Code of main industrial activity Soluactivity Name of main industrial activity Soluactivity Name of main industrial activity Soluactivity Name of main industrial activity		ax)	
ConfidentialityReasonCode	ConfidentialIndicator	bit	
ConfidentialityReasonCode			
ConfidentialityReasonName nvarchar(2 55) Required if confidentiality is claimed for mandatory data. ConfidentialityReasonName nvarchar(2 55) Identifies the reason Name for confidentiality. Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 55) MainIASectorName nvarchar(2 55) MainIAActivityCode nvarchar(2 55) MainIAActivityCode nvarchar(2 55) MainIASubActivityName nvarchar(2 55) MainIASubActivityCode nvarchar(2 55) MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55)			
ConfidentialityReasonName	ConfidentialityReasonCode		
S5) Required if confidentiality is claimed for mandatory data. ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) Textual remark, e.g. information in changes of the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Code of main industrial activity			
Description of the facility	ConfidentialityReasonName	nvarchar(2	
ProctectVoluntaryData bit Indicates if voluntary data should be protected or not RemarkText nvarchar(m ax) Extual remark, e.g. information in changes of the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Code of main industrial activity 55) MainIASectorName nvarchar(2 Sector Name of main industrial activity 55) MainIAActivityCode nvarchar(2 Activity Code of main industrial activity 55) MainIAActivityName nvarchar(2 Subactivity Name of main industrial activity 55) MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55)		55)	Required if confidentiality is claimed for mandatory
RemarkText nvarchar(m ax) Textual remark, e.g. information in changes of the history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Code of main industrial activity 55) MainIASectorName nvarchar(2 Sector Name of main industrial activity 55) MainIAActivityCode nvarchar(2 Activity Code of main industrial activity 55) MainIAActivityName nvarchar(2 Activity Name of main industrial activity 55) MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55) MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity 55)			
ax) history of the facility, elaboration on the reason for confidentiality etc. MainIASectorCode nvarchar(2 Sector Code of main industrial activity 55) Sector Name of main industrial activity MainIAActivityCode nvarchar(2 Activity Code of main industrial activity MainIAActivityName nvarchar(2 Activity Name of main industrial activity MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity			
MainIASectorCode nvarchar(2 55) Sector Code of main industrial activity MainIASectorName nvarchar(2 55) Sector Name of main industrial activity MainIAActivityCode nvarchar(2 55) Activity Code of main industrial activity MainIAActivityName nvarchar(2 55) Activity Name of main industrial activity MainIASubActivityCode nvarchar(2 55) Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 55) Subactivity Name of main industrial activity	RemarkText		history of the facility, elaboration on the reason for
MainIASectorName nvarchar(2 55) Sector Name of main industrial activity MainIAActivityCode nvarchar(2 55) Activity Code of main industrial activity MainIAActivityName nvarchar(2 55) Activity Name of main industrial activity MainIASubActivityCode nvarchar(2 55) Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 50) Subactivity Name of main industrial activity	MainIASectorCode		
MainIAActivityCode nvarchar(2 55) Activity Code of main industrial activity MainIAActivityName nvarchar(2 55) Activity Name of main industrial activity MainIASubActivityCode nvarchar(2 55) Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity	MainIASectorName	nvarchar(2	Sector Name of main industrial activity
Solution	MoinIA Activity Code		Activity Code of main industrial activity
MainIAActivityName nvarchar(2 55) Activity Name of main industrial activity MainIASubActivityCode nvarchar(2 55) Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity	MannActivityCode		Activity Code of main industrial activity
55) MainIASubActivityCode nvarchar(2 Subactivity Code of main industrial activity	MainIA ActivityName	/	Activity Name of main industrial activity
MainIASubActivityCode nvarchar(2 55) Subactivity Code of main industrial activity MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity	Manin Monthly Manie		Tearity I value of main industrial activity
MainIASubActivityName nvarchar(2 Subactivity Name of main industrial activity	MainIASubActivityCode	nvarchar(2	Subactivity Code of main industrial activity
	MainIASubActivityName	nvarchar(2	Subactivity Name of main industrial activity

Fields in ACTIVITY

Field	Data type	Description
ActivityID	int	Primary key.
·		Required.

FacilityReportID	nvarchar(2 55)	Facility report unique identifier. References table FULL_FACILITYREPORT.
FacilityReportName	float	Name of reporting facility
AnnexIActivityCode	nvarchar(2 55)	Industrial activity code
AnnexIActivityName	nvarchar(2 55)	Industrial activity name
AnnexIActivityIPPCCode	nvarchar(2 55)	Industrial activity IPPC code
RankingNumeric	Int	Importance ranking of respective activity
MainActivityIndicator	Bit	Indicator whether this activity is the facilities main activity

Fields in POLLUTANTRELEASEANDTRANSFERREPORT

Field	Data type	Description
PollutantReleaseAndTran	Int	Primary key.
sferReportID		Required.
CountryCode	nvarchar(2	The RS Code reporting.
	55)	Required.
CountryName	nvarchar(2	The RS Name reporting.
	55)	Required.
ReportingYear	Int	The calendar year of which data on releases
		and transfers must be gathered.
		Required.
CoordinateSystemCode	nvarchar(2	The coordinate system code used in reporting
	55)	of coordinates.
CoordinateSystemName	nvarchar(2	The coordinate system name used in reporting
	55)	of coordinates.
CdrReleased	Datetime	The time when the report was released in
		Reportnet.
		Required.
Published	Datetime	The time when the report was released to
		public view

Fields in POLLUTANTRELEASE

Field	Data type	Description
PollutantReleaseID	Int	Primary key.
		Required.
FacilityReportID	Int	Identifies the facility report that the data belongs to. Required.
		References table FULL_FACILITYREPORT.
ReleaseMediumCode	nvarchar(2	Identifies the environmental medium (air, water etc) code.
	55)	
ReleaseMediumName	Nvarchar(2	Identifies the environmental medium name.
	55)	
PollutantCode	Nvarchar(2	Identifies pollutant code
	55)	
PollutantName	Nvarchar(2	Identifies pollutant name
	55)	
PollutantGroupCode	Nvarchar(2	Identifies pollutant group code
_	55)	
PollutantGroupName	Nvarchar(2	Identifies pollutant group name
_	55)	
PoluttantCAS	Nvarchar(2	Pollutant CAS description
	55)	
MethodBasisCode	Nvarchar(2	Identifies the method basis code of the main method used
	55)	(M/C/E).
MethodBasisName	Nvarchar(2	Identifies the method basis name of the main method used.
	55)	
TotalQuantity	Float	Total quantity including accidental quantity [t/year].

AccidentalQuantity	Float	Accidental quantity [t/year].
UnitCode	Nvarchar(2	Identities the unit code of the quantity
	55)	
UnitName	Nvarchar(2	Identifies the unit name of the quantity
	55)	
ConfidentialIndicator	Bit	Indicates if confidentiality is claimed.
		Required.
ConfidentialityReasonCod	Nvarchar(2	Identifies the reason code for confidentiality.
e	55)	Required if confidentiality is claimed for mandatory data.
ConfidentialityReasonNa	Nvarchar(2	Identifies the reason name for confidentiality.
me	55)	Required if confidentiality is claimed for mandatory data.
RemarkText	Nvarchar(Textual remark, e.g. elaboration on the reason for
	max)	confidentiality.

Fields in POLLUTANTRELEASEMETHODUSED

Field	Data type	Description
PollutantReleaseMethodU	Int	Primary key.
sedID		Required.
PollutantReleaseID	Int	Identifies the pollutant report that the data belongs to.
		Required. References table FULL_POLLUTANTRELEASE.
MethodTypeCode	nvarchar(2	Identifies the method type code
	55)	
MethodTypeName	Nvarchar(2	Identifies the method type name
	55)	· -
MethodDesignation	Nvarchar(2	Identifies the method designation
_	55)	-

Fields in POLLUTANTTRANSFER

Field	Data type	Description
PollutantTransferID	Int	Primary key.
		Required.
FacilityReportID	Int	Identifies the facility report that the data belongs to. Required.
-		References table FULL_FACILITYREPORT.
PollutantCode	Nvarchar(2	Identifies pollutant code
	55)	
PollutantName	Nvarchar(2	Identifies pollutant name
	55)	
PollutantGroupCode	Nvarchar(2	Identifies pollutant group code
	55)	
PollutantGroupName	Nvarchar(2	Identifies pollutant group name
	55)	
PoluttantCAS	Nvarchar(2	Pollutant CAS description
	55)	•
MethodBasisCode	Nvarchar(2	Identifies the method basis code of the main method used
	55)	(M/C/E).
MethodBasisName	Nvarchar(2	Identifies the method basis name of the main method used.
	55)	
Quantity	Float	Total quantity of reported pollutant [t/year]
QuantityUnitCode	Nvarchar(2	Identities the unit code of the quantity
	55)	
QuantityUnitName	Nvarchar(2	Identifies the unit name of the quantity
	55)	
ConfidentialIndicator	Bit	Indicates if confidentiality is claimed.
		Required.
ConfidentialityReasonCod	Nvarchar(2	Identifies the reason code for confidentiality.
e	55)	Required if confidentiality is claimed for mandatory data.
ConfidentialityReasonNa	Nvarchar(2	Identifies the reason name for confidentiality.
me	55)	Required if confidentiality is claimed for mandatory data.
RemarkText	Nvarchar(Textual remark, e.g. elaboration on the reason for
	max)	confidentiality.

${\bf Fields~in~POLLUTANTTRANSFERMETHODUSED}$

Field	Data type	Description	
-------	-----------	-------------	--

PollutantTransferMethodUsed	Int	Primary key. Required.
ID		
PollutantTransferID	Int	Identifies the pollutant report that the data belongs to.
		Required. References table
		FULL_POLLUTANTTRANSFER
MethodTypeCode	nvarchar(255	Identifies the method type code
)	
MethodTypeName	Nvarchar(25	Identifies the method type name
	5)	
MethodDesignation	Nvarchar(25	Identifies the method designation
	5)	_

Fields in WASTETRANSFER

Field	Data type	Description
WasteTransferID	Int	Primary key. Required.
FacilityReportID	Int	Identifies the facility report that the data
		belongs to. Required. References table
		FULL_FACILITYREPORT.
WasteTypeCode	Nvarchar(2	Identifies the type of waste code (NON-HW
	55)	HWIC, HWOC etc.).Required.
WasteTypeName	Nvarchar(2	Identifies the waste type name (non
	55)	hazardous, hazardous within country etc.).
WasteTreatmentCode	Nvarchar(2	Identifies the waste treatment code (R, D).
	55)	Required unless confidentiality is claimed.
WasteTreatmentName	Nvarchar(2	Identifies the waste treatment operation
	55)	name (recovery or disposal).
MethodBasisCode	Nvarchar(2	Identifies the basis code of the main method
	55)	used (M/C/E).
		Required unless confidentiality is claimed.
MethodBasisName	Nvarchar(2	Identifies the basis name of the main metho
	55)	used.
Quantity	Float	Quantity [t/year]
		Required unless confidentiality is claimed.
QuantityUnitCode	Nvarchar(2	Identities the unit code of the quantity (Mus
	55)	correspond to ton) Required unless
	,	confidentiality is claimed.
QuantityUnitName	Nvarchar(2	Identities the unit name of the quantity.
Carriery Carrier value	55)	1 3
WasteHandlerPartyName	Nvarchar(2	Identifies the recoverer/disposer of the
,	55)	waste. Required for transfer of hazardous
	,	waste outside the country unless
		confidentiality is claimed.
WasteHandlerPartyAddressStreetName	Nvarchar(2	The street name of the WHP
ř	55)	
WasteHandlerPartyAddressBuildingNumber	Nvarchar(2	The building number of the WHP
, .	55)	č
WasteHandlerPartyAddressCity	Nvarchar(2	Name of city, where WHP is located
, , ,	55)	• •
WasteHandlerPartyAddressPostalCode	Nvarchar(5	The postal code of the WHP
	0)	F
WasteHandlerPartyAddressCounrtyCode	Nvarchar(2	Country code of WHP
	55)	
WasteHandlerPartyAddressCountryName	Nvarchar(2	Country name of WHP
	55)	
WasteHandlerPartySiteAddressStreetName	Nvarchar(2	Site street name of the WHP
and the second s	55)	
WasteHandlerPartySiteAddressBuildingNumb	Nvarchar(2	Site building number of the WHP
er	55)	and the state of t
WasteHandlerPartySiteAddressCity	Nvarchar(2	Name of city, where WHP site is located
asteriaideri arysiteriadiessetty	55)	Traine of city, where will site is located
WasteHandlerPartySiteAddressPostalCode	Nvarchar(5	The postal code of the WHP site
wasterranderr artyshteAddressr ostaleode	0)	The postar code of the WIII site
WasteHandlerPartySiteAddressCounrtyCode	Nvarchar(2	Country code of WHP site
w asierranuler arrysheAddressCoullrtyCode		Country code of write site
	55)	

WasteHandlerPartySiteAddressCountryName	Nvarchar(2	Country name of WHP site
	55)	
ConfidentialIndicator	Bit	Indicates if confidentiality is claimed.
		Required.
ConfidentialityReasonCode	Nvarchar(2	Identifies the reason code for confidentiality.
	55)	Required if confidentiality is claimed.
ConfidentialityReasonName	Nvarchar(2	Identifies the reason name for
	55)	confidentiality.
RemarkText	nvarchar(m	Textual remark, e.g. elaboration on the
	ax)	reason for confidentiality.

Fields in WASTETRANSFERMETHODUSED

Field	Data type	Description
WasteTransferMethodUsedI	Int	Primary key.
D		Required.
WasteTransferID	Int	Identifies the waste transfer report that the data belongs to.
		Required. References table FULL_WASTETRANSFER
MethodTypeCode	nvarchar(2	Identifies the method type code
	55)	
MethodTypeName	Nvarchar(2	Identifies the method type name
	55)	
MethodDesignation	Nvarchar(2	Identifies the method designation
-	55)	-

Queries

The database also contains queries to read the most important data on pollutant releases, pollutant transfers and waste transfers from the database.

Metadata

Reporting obligation: E-PRTR data reporting - http://rod.eionet.europa.eu/obligations/538

Temporal coverage: 2004 – 2015

Geographic coverage: Austria, Belgium, Bulgaria, Croatia (from 2014), Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom.

Units:

Pollutant releases and transfers are reported in kg/year.

Waste transfers are reported in t/year.