

# Air Quality e-Reporting products on EEA data service

EEA, April 2018

## Introduction

Air Quality e-Reporting follows new rules for reciprocal exchange of information and reporting on ambient air quality for Directives 2004/107/EC and 2008/50/EC of the European Parliament and of the Council. The rules are set out in the [COMMISSION IMPLEMENTING DECISION 2011/850/EU](#) and Commission's guidance documents [IPR guidance part I](#) and [IPR guidance part II](#).

This set of products reflects current/live status of air quality data collected/calculated by the European Environment Agency. It supersedes all previous versions of air quality data published by the EEA.

Data collected within the Air Quality e-Reporting start from 2013. Statistics calculated before 2013 ([AirBase v8](#)) have been merged with the statistics from e-Reporting.

For more information about Air Quality e-Reporting please visit <http://www.eionet.europa.eu/aqportal> or contact [aqipr.helpdesk@eionet.europa.eu](mailto:aqipr.helpdesk@eionet.europa.eu)

## 1. European data sets

European Data Sets combine data for all countries and include:

- Assessment methods meta-data reported by countries,
- Air Quality annual statistics calculated by the EEA,
- Primary observations (time series) reported by countries,
- Compliance data reported by the Member States and EEA countries (Air Quality Zones, Assessment Regimes and Attainment reports).

The data are available in web based applications and are described below.

### 1.1 Assessment methods meta-data

Assessment methods meta-data (data set D) describe technical facilities used for the measurement of one pollutant or one of its compounds. The data have been imported directly from the EEA's Central Data Repository (CDR) where the country reports are stored. The data in the web based application ([AIDE D](#)) reflect the current/live status of the latest data, uploaded by countries and successfully tested by automated QC. You can follow the status of data deliveries [here](#).

The country data reports are supposed to include all historical information. Keep in mind however that, for some countries, it may be a subset of data stored in EEA's data bases if a country has not included all historical data in its recent report (thus meta data in csv file available with 'Primary

observations (time series)' which is generated from SQL data bases, may have more records for some of the countries, see chapter 1.3).

Meta data are available in [AIDE D](#) as:

*Table 1. Fieldnames in assessment meta-data table (AIDE D).*

Field name	Description	Data type
Country Or Territory	Country or territory name.	string
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
Network	Name of air quality measurement network, given by data provider.	string
Responsible Party	Name of responsible authority, institution or body.	string
Time Zone	Time zone in which aggregations and statistics are calculated (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/timezone">http://dd.eionet.europa.eu/vocabulary/aq/timezone</a> ).	string
Station Name	Name of air quality measurement station (as in AirBase), given by data provider.	string
Eol Station Code	Eol code of air quality measurement station (as in AirBase), given by data provider.	string
Station Type	Type of Air Quality Measurement Station - information whether it is measuring background, industrial or traffic related air pollution (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/stationclassification">http://dd.eionet.europa.eu/vocabulary/aq/stationclassification</a> ).	string
Station Area	Area of Air Quality Measurement Station - information whether it is measuring air pollution in urban, suburban, rural (etc.) environment (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/areaclassification">http://dd.eionet.europa.eu/vocabulary/aq/areaclassification</a> ).	string
Pollutant	Air polluting substance, level of which is measured and reported to the EEA (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string
Sampling Point Local Id	Inspire identifier (Local Id) of sampling point, given by data provider.	string
Latitude	Latitude of air quality measurement station [decimal degrees].	numeric
Longitude	Longitude of air quality measurement station [decimal degrees].	numeric
Altitude	Altitude of air quality measurement station [m a.s.l.].	numeric
Measurement Regime	Information on measurement regime (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/inspire/MeasurementRegimeValue">http://dd.eionet.europa.eu/vocabulary/inspire/MeasurementRegimeValue</a> )	string
Operational Activity Begin	Begin date of observation constellation (sampling point, sample, sampling process and property/pollutant).	datetime
Operational Activity End	End date of observation constellation.	datetime
Sample Local Id	Inspire identifier (Local Id) of sample (Feature of Interest), given by data provider.	string
Sampling Process Local Id	Inspire identifier (Local Id) of sampling process (procedure), given by data provider.	string

Measurement Equipment	Information on equipment used for measuring air polluting substances (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/measurementequipment">http://dd.eionet.europa.eu/vocabulary/aq/measurementequipment</a> ).	string
Measurement Method	Information on method used for measuring air polluting substances (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/measurementmethod">http://dd.eionet.europa.eu/vocabulary/aq/measurementmethod</a> ).	string
Sampling Equipment	Information on sampling equipment (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/samplingequipment">http://dd.eionet.europa.eu/vocabulary/aq/samplingequipment</a> ).	string
Analytical Technique	Information on analytical technique (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/analyticaltechnique">http://dd.eionet.europa.eu/vocabulary/aq/analyticaltechnique</a> ).	string
Envelope URL	URL of CDR envelope where source data (country report) is located.	string

## 1.2 Air Quality annual statistics calculated by the EEA

The annual aggregated air quality values, accessible in web based application ([AIDE F](#)), have been calculated by the EEA based on the primary observations (time series) uploaded by countries into CDR and successfully tested by automated QC (see also chapter 1.3). You can follow the status of data deliveries [here](#).

Pay attention to the fact that the calculations based on hourly values are performed for time zone declared at corresponding air quality network (see meta data in [AIDE D](#), chapter 1.1) which do not necessarily match the time zone of the countries or time zone reported together with hourly values. Details on methodology used by EEA to calculate air quality aggregations and statistics can be found [here](#).

The annual aggregated air quality values are available in [AIDE F](#) as:

*Table 2. Fieldnames in annual statistics table (AIDE F).*

Fieldname	Description	Data type
Country Or Territory	Country or territory name.	string
Reporting Year	Year for which primary data have been reported.	numeric
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
Station Local Id	Inspire identifier (Local Id) of air quality measurement station, given by data provider.	string
Sampling Point Local Id	Inspire identifier (Local Id) of sampling point, given by data provider.	string
Sampling Point Latitude	Latitude of sampling point [decimal degrees].	numeric
Sampling Point Longitude	Longitude of sampling point [decimal degrees].	numeric
Pollutant	Air polluting substance, level of which is measured and reported to the EEA (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string

Aggregation Type	Information about process of data aggregation into annual values (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/aggregation">http://dd.eionet.europa.eu/vocabulary/aq/aggregation</a> process).	string
AQ Value	Concentration or level of air polluting substance, here given as an aggregation of air pollutant concentration values from primary observation time series.	numeric
Unit	Unit of concentration or level of air polluting substance (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/uom/concentration">http://dd.eionet.europa.eu/vocabulary/uom/concentration</a> ).	string
Begin Position	Date time begin of measurement (time zone as defined for the air quality network).	datetime
End Position	Date time end of measurement (time zone as defined for the air quality network).	datetime
Validity	Validity flags based on Data Capture, data are 'not valid' if Data Capture <75% (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/observationvalidity">http://dd.eionet.europa.eu/vocabulary/aq/observationvalidity</a> ).	string
Verification	Information based on verification flags found in reported time series (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/observationverification">http://dd.eionet.europa.eu/vocabulary/aq/observationverification</a> ).	string
Data Coverage	Proportion of valid measurement included in the aggregation process within averaging period, expressed as percentage. If Data Coverage < 75% for averaging period of a year, annual statistics should not be included in air quality assessments, if Data Coverage < 85% (in a year), annual statistics should not be included in compliance checks.	numeric
Data Capture	Proportion of valid measurement time relative total measured time (time coverage) in averaging period, expressed as percentage.	numeric
Time Coverage	Proportion of total measured time, calculated from start and end time of observation, within the full averaging period, expressed as percentage.	numeric
Update Time	Time of the latest update of the calculated statistics.	datetime

*Note 03/04/2018: there is ongoing work to improve AIDE F by extending it with statistics on historical AirBase v8 data (see chapter 2) and with direct link to primary observations (time series). Please be aware that this can introduce small modifications of the table format (such as e.g. additional attributes, etc).*

### 1.3 Primary observation time series

These data sets have been exported from EEA's SQL data base which stores primary observations (time series, data set E1a) uploaded by countries into CDR and successfully tested by automated QC. You can follow the status of data deliveries [here](#).

Air quality time series (primary observations) are available as files generated separately for each sampling point and year. More details as well as the download service can be found [here](#).

Fields in all files are tab-separated and first line contains fieldnames as described in Table 3.

*Table 3. Fieldnames in files with primary observations time series.*

<b>Fieldname</b>	<b>Description</b>	<b>Data type</b>
CountryCode	ISO2 code of country.	string
Namespace (PK)	Inspire identifier/namespace of reporting entity, given by data provider.	string
AirQualityNetwork	Inspire identifier (LocalId) of air quality measurement network, given by data provider.	string
AirQualityStation	Inspire identifier (LocalId) of air quality measurement station, given by data provider.	string
AirQualityStationEolCode	Eol code of air quality measurement station (as in AirBase).	string
SamplingPoint (PK)	Inspire identifier (LocalId) of sampling point, given by data provider.	string
SamplingProcess (PK)	Inspire identifier (LocalId) of sampling process (procedure), given by data provider.	string
Sample (PK)	Inspire identifier (LocalId) of sample (featureofinterest), given by data provider.	string
AirPollutant	Air polluting substance, level of which is measured and reported to the EEA (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string
AirPollutantCode (PK)	Air polluting substance, level of which is measured and reported to the EEA (see id in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string
AveragingTime	Averaging time/frequency of reported air quality values (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/primaryObservation">http://dd.eionet.europa.eu/vocabulary/aq/primaryObservation</a> ).	string
Concentration	Measured concentration of air polluting substance.	numeric
UnitOfMeasurement	Unit of concentration of air polluting substance (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/uom/concentration">http://dd.eionet.europa.eu/vocabulary/uom/concentration</a> ).	string
DatetimeBegin	Date-time begin of measurement (UTC+1 for hourly data and original time zone for other averaging times).	datetime
DatetimeEnd	Date-time end of measurement (UTC+1 for hourly data and original time zone for other averaging times).	datetime
Validity	Information about data validity, given by data provider (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/observationvalidity">http://dd.eionet.europa.eu/vocabulary/aq/observationvalidity</a> ).	numeric
Verification	Information whether data have been verified by data provider (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/observationverification">http://dd.eionet.europa.eu/vocabulary/aq/observationverification</a> ).	numeric

There is also an extract of meta-data, generated from SQL data base, available in the same service. The SQL data base stores information from reports uploaded and successfully tested by automated QC. You can follow the status of data deliveries [here](#).

Keep in mind that this file may include some (accumulated) data which have not been delivered in the latest reports in CDR and therefore, for some of the countries, there may be more records than in the web based application (AIDE D) described in chapter 1.1 above.

Fields in the file are tab-separated and first line contains fieldnames as described in Table 4.

*Table 4. Fieldnames in meta-data files.*

<b>Field name</b>	<b>Description</b>	<b>Data type</b>
CountryCode	ISO2 code of country.	string
Namespace (PK)	Inspire identifier/namespace of reporting entity, given by data provider.	string
AirQualityNetwork	Inspire identifier (Local Id) of air quality measurement network, given by data provider.	string
AirQualityStation	Inspire identifier (Local Id) of air quality measurement station, given by data provider.	string
AirQualityStationNatCode	National code of air quality measurement station (as in AirBase).	string
AirQualityStationEolCode	Eol code of air quality measurement station (as in AirBase).	string
AirQualityStationArea	Area of Air Quality Measurement Station - information whether it is measuring air pollution in urban, suburban, rural (etc.) environment (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/areaclassification">http://dd.eionet.europa.eu/vocabulary/aq/areaclassification</a> ).	string
SamplingPoint (PK)	Inspire identifier (Local Id) of sampling point, given by data provider.	string
SamplingProcess (PK)	Inspire identifier (Local Id) of sampling process (procedure), given by data provider.	string
Sample (PK)	Inspire identifier (Local Id) of sample (Feature of Interest), given by data provider.	string
BuildingDistance	Distance from the sampling inlet to a nearest building [m].	numeric
EquivalenceDemonstrated	Information on measuring method equivalence (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/equivalencedemonstrated">http://dd.eionet.europa.eu/vocabulary/aq/equivalencedemonstrated</a> ).	string
InletHeight	Height above ground level on which samples of air are taken [m].	numeric
KerbDistance	Distance from the sampling inlet to a nearest kerbside [m].	numeric
MeasurementEquipment	Information on equipment used for measuring air polluting substances (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/measurementequipment">http://dd.eionet.europa.eu/vocabulary/aq/measurementequipment</a> ).	string
MeasurementType	Information if measurement was taken using active or passive sampling, by automatic analyzer or remote sensor (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/measurementtype">http://dd.eionet.europa.eu/vocabulary/aq/measurementtype</a> ).	string

AirPollutantCode (PK)	Air polluting substance, level of which is measured and reported to the EEA (see id in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string
AirPollutant	Air polluting substance, level of which is measured and reported to the EEA (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ).	string
AirQualityStationType	Type of Air Quality Measurement Station - information whether it is measuring background, industrial or traffic related air pollution (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/stationclassification">http://dd.eionet.europa.eu/vocabulary/aq/stationclassification</a> ).	string
Projection	Identifier of spatial reference system (EPSG).	string
Longitude	Longitude of air quality measurement station [decimal degrees].	numeric
Latitude	Latitude of air quality measurement station [decimal degrees].	numeric
Altitude	Altitude of air quality measurement station [m a.s.l.].	numeric

## 1.4 Compliance data

There are 4 data sets with compliance data reported by the Member States and EEA countries:

- Air Quality Zones information – describing delimitation and type of zones and agglomerations in which the assessment and management of air quality is to be carried out (data set B),
- Air Quality Zone geometries (data set B),
- Air Quality Assessment Regimes – applied for each pollutant within individual zones and agglomerations (data set C),
- Attainments of (air quality) environmental objectives (data set G).

The data have been imported directly from the EEA's Central Data Repository (CDR) where the country reports are stored.

Each of these data sets is accessible via web based applications ([AIDE B](#) and [Air Quality Zones Feature Download Service, AIDE C](#) and [AIDE G](#)) and reflect the current/live status of latest (per year) reports uploaded and successfully tested by automated QC. You can follow the status of data deliveries [here](#).

The air quality zones information is available in [AIDE B](#) as:

*Table 5. Fieldnames in air quality zones table (AIDE B).*

Fieldname	Description	Data type
Country Or Territory	Country or territory name.	string
Reporting Year	Year for which air quality zone has been reported.	numeric
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
Zone Code	Identifier of air quality zone, given by data provider.	string
Zone Id	Inspire identifier (Local Id) of air quality zone, given by data provider.	string

Geographical Name	Geographical Name of air quality zone.	string
Begin Time	Begin time of air quality zone.	datetime
End Time	End time of air quality zone.	datetime
AQD Zone Type	Air quality zone type (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/zonetype">http://dd.eionet.europa.eu/vocabulary/aq/zonetype</a> ).	string
Pollutant	Air polluting substance (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ) for which the zone is valid.	string
Protection Target	Protection target (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget">http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget</a> ) for which the zone is valid.	string
Resident Population	Number of population residing in the air quality zone.	numeric
Resident Population Year	Reference year the resident population number.	numeric
Area	Area of the air quality zone.	numeric
Time Extension Exemption	Type of time extension granted for the zone (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/timeextensiontypes">http://dd.eionet.europa.eu/vocabulary/aq/timeextensiontypes</a> ).	string
Competent Authority	Name of responsible authority, institution or body.	string
Contact Name	Name of contact person in competent authority.	string
Telephone	Telephone number of competent authority.	string
Address	Address of competent authority.	string
Email	Email of competent authority.	string
Website	Website of competent authority.	string
Envelope URL	URL of CDR envelope where source data (country report) is located.	string

The air quality zone geometries are available in [Air Quality Zones Feature Download Service](#) in several spatial formats (ESRI Shapefile, SpatialLite, ESRI File Geodatabase, Google Earth KML) as well as an attribute table in Excel (see below).

*Table 6. Fieldnames in attributes table of zone geometries (Air Quality Zones/e-Reporting WFS).*

<b>Fieldname</b>	<b>Description</b>	<b>Data type</b>
OBJECTID	Id (internal) of the zone geometry.	numeric
Zoneld	Inspire identifier (Local Id) of air quality zone, given by data provider.	string
CountryOrTerritory	Country or territory name.	string
ISO2	Country or territory ISO2 code.	string
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
ProtectionTarget	Protection targets (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget">http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget</a> ) for which the zone is valid.	string



Pollutant	Air polluting substances (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ) for which the zone is valid.	string
UpdateTime	Indicates the time of the latest update of geometry	datetime
SHAPE_Length	Length of zone geometry perimeter [m].	numeric
SHAPE_Area	Area of zone geometry [m <sup>2</sup> ].	numeric

The air quality assessment regime information is available in [AIDE C](#) as:

*Table 7. Fieldnames in air quality assessment regimes table (AIDE C).*

Fieldname	Description	Data type
Country or Territory	Country or territory name.	string
Reporting Year	Year for which air quality assessment regime has been reported.	numeric
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
Assessment Id	Inspire identifier (Local Id) of air quality assessment regime, given by data provider.	string
Zone Id	Inspire identifier (Local Id) of air quality zone, given by data provider/ link to air quality zone.	string
Pollutant	Air polluting substance (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ) for which the air quality assessment regime has been reported.	string
Protection Target	Protection target (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget">http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget</a> ) for which the air quality assessment regime has been reported.	string
Objective Type	Objective type (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/objectivetype">http://dd.eionet.europa.eu/vocabulary/aq/objectivetype</a> ) for which the air quality assessment regime has been reported.	string
Reporting Metric	Reporting metric (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/reportingmetric">http://dd.eionet.europa.eu/vocabulary/aq/reportingmetric</a> ) for which the air quality assessment regime has been reported.	string
Exceedance Attainment	Status of assessment threshold exceedance (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/assessmentthresholdexceedance">http://dd.eionet.europa.eu/vocabulary/aq/assessmentthresholdexceedance</a> ) reported with the assessment regime.	string
Assessment Type	Type of air quality assessment regime (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/assessmenttype">http://dd.eionet.europa.eu/vocabulary/aq/assessmenttype</a> ).	string
Description	Free text description of the type of assessment regime.	string
Classification Date	Issue date of the classification report.	string
Classification Report	Web link to the classification report.	string
Sampling Point Id	Inspire identifier (Local Id) of sampling point, given by data provider/ link to assessment method.	string

Model Id	Inspire identifier (Local Id) of air quality model, given by data provider/ link to assessment method.	string
Envelope URL	URL of CDR envelope where source data (country report) is located.	string

The attainments of (air quality) environmental objectives are available in [AIDE G](#) as:

*Table 8. Fieldnames in air quality assessment regimes table (AIDE G).*

Fieldname	Description	Data type
Country or Territory	Country or territory name.	string
Reporting Year	Year for which air quality assessment regime has been reported.	numeric
Namespace	Inspire identifier/namespace of reporting entity, given by data provider.	string
Attainment Id	Inspire identifier (Local Id) of attainment, given by data provider.	string
Assessment Id	Inspire identifier (Local Id) of air quality assessment regime, given by data provider/ link to assessment regime.	string
Zone Id	Inspire identifier (Local Id) of air quality zone, given by data provider/ link to air quality zone.	string
Resident Population	Number of population residing in the air quality zone for which the attainment has been reported.	numeric
Pollutant	Air polluting substance (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/pollutant">http://dd.eionet.europa.eu/vocabulary/aq/pollutant</a> ) for which the attainment has been reported.	string
Protection Target	Protection target (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget">http://dd.eionet.europa.eu/vocabulary/aq/protectiontarget</a> ) for which the attainment has been reported.	string
Objective Type	Objective type (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/objectivetype">http://dd.eionet.europa.eu/vocabulary/aq/objectivetype</a> ) for which the attainment has been reported.	string
Reporting Metric	Reporting metric (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/reportingmetric">http://dd.eionet.europa.eu/vocabulary/aq/reportingmetric</a> ) for which the attainment has been reported.	string
Exceedance Final	Final (after adjustment) status of exceedance: true/false.	string
Exceedance Threshold	Exceedance threshold for environmental objective (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabularyconcept/aq/environmentalobjective">http://dd.eionet.europa.eu/vocabularyconcept/aq/environmentalobjective</a> ) for which the attainment has been reported	string
Aggregation Type	Information about process of data aggregation into annual values (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/aggregationprocess">http://dd.eionet.europa.eu/vocabulary/aq/aggregationprocess</a> ).	string
Final Numerical Exceedance	Final (after adjustment) level of air pollution in exceedance.	numeric
Final Number Exceedances	Final (after adjustment) number of exceedances.	numeric
Classification Area	Classification of the area of exceedance (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/areaclassification">http://dd.eionet.europa.eu/vocabulary/aq/areaclassification</a> ).	string

Surface Area Final	Area extent where exceedance occurred (after adjustment).	numeric
Road Length Final	Length of road where exceedance occurred (after adjustment).	numeric
Population Exposed Final	Number of population exposed to exceedance (after adjustment).	numeric
Sensitive Population Final	Number of sensitive population exposed to exceedance (after adjustment).	numeric
Ecosystem Area Exposed	Ecosystem area extent where exceedance occurred (after adjustment).	numeric
Infrastructure Services Final	Infrastructure services exposed to exceedance (after adjustment).	string
Reference Year Final	Reference year for final exceedance (after adjustment).	numeric
Base Numerical Exceedance	Level of air pollution in exceedance (before adjustment).	numeric
Base Number Exceedance	Number of exceedances (before adjustment).	numeric
Adjustment	Indicates if adjustment has been applied (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/adjustmenttype">http://dd.eionet.europa.eu/vocabulary/aq/adjustmenttype</a> ).	string
Adjustment Source	Reason for adjustment (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/adjustmentsourcetype">http://dd.eionet.europa.eu/vocabulary/aq/adjustmentsourcetype</a> ).	string
Adjustment Type	Type of adjustment applied (see in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/adjustmenttype">http://dd.eionet.europa.eu/vocabulary/aq/adjustmenttype</a> ).	string
Assessment Type	Type of air quality assessment regime (see notation in Data Dictionary: <a href="http://dd.eionet.europa.eu/vocabulary/aq/assessmenttype">http://dd.eionet.europa.eu/vocabulary/aq/assessmenttype</a> ).	string
Assessment Type Description	Free text description of the type of assessment regime.	string
Model Id	Inspire identifier (Local Id) of air quality model, given by data provider/ link to assessment method.	string
Sampling Point Id	Inspire identifier (Local Id) of sampling point, given by data provider/ link to assessment method.	string
Comment	Free text comment on attainment.	string
Envelope URL	URL of CDR envelope where source data (country report) is located.	string

If you have any comments on the EEA's air quality products, please contact [aqipr.helpdesk@eionet.europa.eu](mailto:aqipr.helpdesk@eionet.europa.eu)