Reporting on ambient air quality assessment 2006, Member States reporting ('The Questionnaire')

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Summary

The number of zones in Member Sates in 2006 where the limit (LV) or target value (TV) was exceeded was greatest for the daily limit value of PM_{10} (45%) and the health-related target value of O_3 (39%).

There has been a slight increase of 1 % (PM_{10} daily LV) and 2% (PM_{10} annual LV) in the occurrence of **EXCEEDANCES** compared to the 2005 reporting year. For the O_3 health and vegetation TVs this increase was 5% and 3% what can be explained by the specific weather conditions in 2006.

Generally speaking, the number of zones where an exceedance of the limit value has been observed in 2006 does not strongly differ from the 2005 numbers. The NO_2 annual LV has been exceeded in 18% of the zones in 2006. Exceedances of the limit value of nitrogen dioxide (hourly), sulphur dioxide (both hourly and daily), carbon monoxide, lead and benzene are observed in a small number of zones (all less than 3%).

General

European legislation is built on the principle that the Member States divide their territory into a number of air quality management zones and agglomerations. In these zones and agglomerations, the Member States should assess the air quality using measurements, modelling or other empirical techniques. Delimitations of zones may differ between different pollutants in order to optimize management of air quality due to differences in sources and abatement strategies. Where levels are elevated, the Member States should prepare an air quality plan or programme to ensure compliance with the limit value before the date when the limit value formally enters into force. In addition, information on air quality should be disseminated to the public.

EU Member States have submitted annual reports on air quality in 2006 to the European Commission under the Air Quality Framework Directive (96/62/EC). The reports were provided in the form of a predefined questionnaire (http://ec.europa.eu/environment/air/quality/legislation/reporting.htm).The present report gives an overview and analysis of the submitted information for the year 2006. It is an update of the previous reporting cycles from 2001 to 2005; reports over these years are available from http://ec.europa.eu/environment/air/quality/legislation/reporting.htm.

In the last few years the reporting requirements from the Member States have evolved, following the successive entering into force of the first three daughter directives 1999/30/EC, 2000/69/EC and 2002/3/EC and following the accession of new Member States to the EU. The year 2005 was the first year over which 25 EU Member States had to report on assessment under the first three daughter directives. Bulgaria and Romania are included in this report so the 2006 reporting year is a EU27 report. In total 29 countries report as Iceland and Norway submitted voluntarily reports.

It should be mentioned that the assessment of air quality concentration levels within the zones may be

further elaborated within the air quality plans for zones where such plans were developed. Such assessment information is not analysed in this report but may be of interest to the reader; one is encouraged to check CDR for uploaded information on AQ plans.

Zone designation

The total number of zones in 2006 was 1056 (EU 27) which was 1064 in 2005 (EU 25). The newly reporting Member States Bulgaria and Romania have designated their territory into six and four zones. The four zones of Romania do not cover the whole countries' territory. In 2006 the 3 zones of Luxembourg were also included which were absent in the preceding three reporting years. The Italian Questionnaire was not complete in 2006 so parts of the Italian zones are not included. The final conclusion is that compared to 2005 only minor changes have been made in the designation of zones.

Zones are classified as agglomerations or non-agglomerations. The 2006 shares of the qualification is exact the same as in 2005. Agglomerations account for 24% of the total number of zones, non agglomerations for 76%. Obviously these shares will not change a lot apart from redefining zones in Member States which does not occur frequently and on a large scale.

The Member States have the obligation to report over the total area of their country for the health protection target pollutants. The EU27 territory coverage for the health related pollutants is fairly good but never reaches 100% as is mandatory.

All Zones EU27	1056	100%
NO_2 Health	981	93%
PM_{10}	960	91%
SO_2 Health	942	89%
O_3	893	85%
CO	892	84%
Benzene	871	82%
Lead	802	76%

Table 1: Total number of zones in EU27and number and share of zones for health protection target pollutants

Station characteristics

The total number of stations measuring air quality in the EU27 in the analysis of this report is 4386. This is down from the 4409 stations in the 2005 report.

The pollutants that are measured the most by stations are NO_2 (70%); PM_{10} (56%); SO_2 (53%) and O_3 (43%). In 2005 the percentages are grossly the same except for the fact that PM_{10} and SO_2 swapped places, indicating a reduction in the number of SO_2 stations.
Stations can also be classified on the basis of their function. The three measuring functions of stations are: for the purpose of health targets, ecosystems (SO_2) or vegetation (NOx) targets. In 2006 86% of all stations measured for health targets and 7% for ecosystems and vegetation each. Compared to 2005, stations measuring for ecosystems and vegetation targets increased with 2%. The conclusion is that the dominant station function was and is measuring for health related pollution targets.

In parallel to the reporting under the Framework Directive, which mainly focuses on compliance

checking with obligations under the air quality directives, such as limit values, Member States are sending detailed information from their monitoring networks each year under the Exchange of Information Decision (EoI)[1].
Reporting stations under the Questionnaire have to be included in the set of stations reporting under the EoI. In the 2006 Questionnaire 83% of the reporting stations could be traced down in the EoI AirBase database. This on the basis of the EoI station code which is present in both databases. The countries were further improvement can be expected on the EoI coding for the future are: Estonia, France, Italy, Luxembourg, Poland, Sweden and Norway.

Exceedances

The pollutants that exceed the limit value and target values the most in 2006 are PM_{10} daily and O_3 health. PM_{10} exceeds the limit value in 45% of all EU27 zones, for O_3 health this percentage is 39%.

If the EU27 zone exceedances of air quality pollutants are 'translated' to the number of people affected the conclusions are:

- 60% of EU27 population lives in zones exceeding PM_{10} limit value
- 50% of EU27 population lives in zones exceeding NO_2 annual limit value
- 46% of EU27 population lives in zones exceeding O_3 health target value

Is the air quality getting any better? If the 2005 zone exceedances are compared with the 2006 results we can draw the following tentative conclusions

- PM_{10} zone exceedances are slightly higher in 2006
- O_3 zone exceedances are 5% (health) and 3% (vegetation) higher and increase is caused by specific weather conditions in 2006

As the number and designation of zone differs from year to year, no conclusion on air quality trends can be made.

EU zones exceeding limit / target values, 2005 - 2006

Pollutant	2005	2006
PM_{10}-D	44%	45%
O_3-H	34%	39%
O_3-V	24%	27%
NO_2-y	26%	25%
PM_{10}-y	18%	20%
$NO_{2\text{-}h}$	6%	6%
SO_2-D	2%	3%
NO_x-y	4%	3%
SO_2-1h	2%	2%
Benz	3%	2%
SO_2-W	5%	2%
SO_2-Y	1%	1%
CO	0.3%	0.6%
Lead	0.3%	0.1%

Table 2: EU27 zone exceedances of limit or target value in 2005 and 2006

[1] Council Decision 97/101/EC establishing a reciprocal exchange of information and data from network and individual stations measuring ambient air pollution within the Member States (amended by Commission Decision 2001/752/EC).

The general reason for the exceedances of the air quality that Member States report are in line with the 2005 conclusions and are summarized as local traffic, industry and domestic heating.
More detailed for the most important pollutants are the dominant reasons:

- PM_{10} both daily and annual LV : local traffic (41%)
- NO_2 annual LV : local traffic (67%)
- O_3 alert threshold : other and not indicated (80%)
- SO_2 daily LV : domestic heating (29%), industry (20%)

1 Introduction

Concerning **DATA QUALITY** of reporting there is still some progress to be made. In case of Italy two regional questionnaires where submitted after the analysis deadline and they are not included in the results and two regions did not submit at all.

Zones designated in Member States for the protection of human health should cover the whole territory and the total population of a Member State. A nearly complete coverage is in general found for sulphur dioxide, nitrogen dioxide, PM_{10} (with exceptions for Belgium and Estonia) and ozone (except France). Lower coverages are found in the case of lead, benzene and carbon monoxide. The general conclusion is that the designation of zones seems to be incomplete in quite a number of Member States.

This document gives an overview of the annual reports by Member States to the European Commission on the results of the assessment of their air quality in 2006. These reports have been submitted under the Air Quality Framework Directive[2], following Commission Decision 2004/461/EC[3], which specifies the information to be sent in detail and provides a set of forms to be filled in. In the remaining of this report this Decision will be called 'the AQ questionnaire' or, when the context is clear, simply 'the questionnaire'.
This report has been prepared by the European Topic Centre on Air and Climate Change (ETC/ACC) of the European Environment Agency upon a request of DG Environment.

Member State reports addressed in this document

This document deals with the reports by the 27 EU Member States on the year 2006 submitted under the First Daughter Directive4, the Second Daughter Directive5 and the Third Daughter Directive6. The year 2006 is the first year for reporting by the new Member States Romania and Bulgaria.
The assessments in this report are based on the information received by ETC/ACC before 01 May 2008 (note that the official deadline was 30 September 2007). At that moment Italy had submitted 16 of 20 regional questionnaires that cover the whole territory of the country. After this date Italy submitted another two regional questionnaires which have not been taken in account in the analysis. Gibraltar submitted its questionnaire separately from the UK. Separate (regional) questionnaires for one Member State complicate and delay the processing of the data. Norway and Iceland submitted voluntary questionnaires.

Reporting under the Exchange of Information Decision

In parallel to the reporting under the Framework Directive, which mainly focuses on compliance checking with obligations under the air quality directives, such as limit values, Member States are sending detailed information from their monitoring networks each year under the Exchange of

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2 Council Directive 96/62/EC on ambient air quality assessment and management.

3 Commission Decision 2004/461/EC laying down a AQ questionnaire to be used for annual reporting on ambient air quality assessment under Council Directives 96/62/EC and 1999/30/EC and under Directives 2000/69/EC and 2002/3/EC of the European Parliament and of the Council.

4 Council Directive 1999/30/EC relating to limit values for sulphur dioxide, nitrogen dioxide and oxides of nitrogen, particulate matter and lead in ambient air (amended by Commission Decision 2001/744/EC).

5 Directive 2000/69/EC relating to limit values of benzene and carbon monoxide in ambient air.

6 Directive 2002/3/EC relating to ozone in ambient air.

Information Decision (EoI)[7]. These extensive reports contain to a large extent individual 'raw' data (e.g. all hourly concentrations) and include extensive complementary information about the monitoring stations (metadata). The European Topic Centre on Air and Climate Change publishes annually an assessment of these reports (see, for the assessment of the 2006-data: Mol et al., 2008). To avoid duplicate reporting by Member States, some of the data that are needed for evaluating the reports under the Framework Directive (particularly the metadata of stations) are only sent under EoI. Deadline for submitting the EoI information is 1 October. In the assessment of those parts of the questionnaire related to monitoring stations, the information extracted from the EoI has been included.

Quality of the data received and implications for this overview

To facilitate the submission of the data, the Commission prepared a Guidance for reporting under Q461[8] and has made the AQ questionnaire available to the Member States in Excel format. This format does not reject erroneous data, and during the processing numerous small errors, e.g. spurious spaces, had to be removed before all reports could be joined in a database. A second form of trivial errors is the use of other symbols than prescribed in the questionnaire, for example, ticking an "x" or "+" in stead of the prescribed "y"; using a comma as separator while the semi-colon is prescribed. Although in general the information is unambiguous, a time consuming correction of this type of errors is necessarily for an automatic processing of the data.
There were also errors that required more insight for correction, such as inconsistent use of zone and pollutant codes or use of codes that were not allowed. Another difficult type of error is that MS do not use the same codes for stations in the AQ questionnaire and EoI reports.

Abbreviations used

Member States have been abbreviated following the ISO3166-1 country alpha-2 code[1]:

Austria: AT; Belgium: BE; Cyprus: CY; Czech Republic: CZ; Denmark: DK; Estonia: EE; Finland: FI; France: FR; Germany: DE; Greece: GR; Hungary: HU; Ireland: IE; Italy: IT; Latvia: LV; Lithuania: LT; Luxembourg: LU; Malta: MT; Netherlands: NL; Poland: PL; Portugal: PT; Slovakia: SK; Slovenia: SI; Spain: ES; Sweden: SE; United Kingdom: GB[2], and Norway: NO.

AQ questionnaire	Questionnaire on air quality set out by Commission Decision 2004/461/EC
questionnaire	
CO	Carbon monoxide
EoI	Exchange of Information Decision: Council Decision 97/101/EC, amended by Commission Decision 2001/752/EC
EU27	The 27 EU Member States after accession of 12 new Member States in 2004 and 2007
LV	Limit value
MOT	Margin of Tolerance (see the legend to Tables 3 and 4)
MS	Member State(s)
NO_2	Nitrogen dioxide
NO_x	Nitrogen oxides
Pb	Lead

[7] Council Decision 97/101/EC establishing a reciprocal exchange of information and data from network and individual stations measuring ambient air pollution within the Member States (amended by Commission Decision 2001/752/EC).

[8] http://ec.europa.eu/environment/air/quality/legislation/pdf/guideline_questionnaire.pdf

PM_{10}	Particulate matter composed of particles smaller than 10 micrometer in aerodynamic diameter
$PM_{2.5}$	Particulate matter composed of particles smaller than 2.5 micrometer in aerodynamic diameter
O_3	Ozone
SO_2	Sulphur dioxide
TV	Target value (O_3)
LTO	Long Term Objective (O_3)

Notes
1: see http://www.iso.ch/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html
2. including Gibraltar.

Data handling and new procedures

In comparison with the 2005 reporting cycle some new procedures have been introduced for the 2006 cycle. This to increase the quality of the reported data.

The official deadline for submitting the official report to the Commission[9] is 30 September. Before starting analysing the data ETC-ACC introduced two data quality checks and the introduction of a preliminary assessment report on the data quality of the 2006 data. These data checks were performed by ETC-ACC and had a voluntary nature.

The first data quality check was a check of the readability of the data and a summary assessment on the number of zones, objectives, stations, methods per form as reported by a Member State. This assessment was sent to the national contact persons listed in the Questionnaire with the basic question: are the ETC-ACC summary conclusions right? If not, send us your feed-back and/or revisions.

On the basis of the CDR upload and the first data quality check the preliminary 2006 results report[10] was written.

Procedure	Deadline	Purpose
CDR Upload Questionnaire	1st October 2007	Comply with AQ Directive
1st quality check	October / November 2007	Preliminary check on readability of data / forms
Preliminary report	December 2007	Preliminary assessment of dataquality
2nd quality check	March / April 2008	Check on (in)consistency mistakes, missing data

[9] Upon request by the Commission implemented through the uploading to the EEA CDR (Central Data Repository).
[10] Reporting on ambient air quality assessment, Preliminary results for 2006, ETC/ACC Technical Paper 2007/5, December 2007, Frank de Leeuw and Edward Vixseboxse.

Table 3: New data quality procedures in 2006

The second data quality check was a check on mistakes, errors and inconsistencies of the reported data in the Questionnaire. Every Member State received a tailor-made excel spreadsheet on the mistakes and errors on the designation of zones and the missing data the ETC-ACC detected. We included the forms in which revision data could be reported.

All in all, the data quality in 2006 has been improved through the new procedures. Communication and response with and from Member States was good especially as the data checks were of a voluntary nature.

Main findings

Data quality

CDR Upload (1st October 2007)
22 Member States of a total of 27 had respected the Questionnaire upload deadline of 30 September 2007. Of the two voluntary reporting countries, Iceland and Norway, Iceland did not comply with the deadline.
Italy had uploaded 12 of the 20 regions on the first of October. In November 2007 the Finnish Questionnaire was uploaded and in the first quarter of 2008 the Questionnaires of Iceland, Malta, Luxembourg and 4 more Italian regions followed. The ETC-ACC received an unofficial draft only from the Netherlands.

1st Data quality check (19th October 2007)

The first data quality check was sent to the Member States on the 19th of October. Goal was to check readability of the data and forms of the Member States. The ETC-ACC summary conclusions on number of zones, objectives, stations and methods was send back to the MS. Basic question was: is our assessment right? 14 of 27 Member States (a response of more than 50%) responded with a confirmation that the data is correct or with a revision.
Not sending any revision could mean one of both: there are no mistakes or there are mistakes but there was no reply.

The 2006 preliminary report (December 2007)
On the basis of the CDR upload and the first data quality check the preliminary results were reported. The main conclusions related to the quality of the information were:

- Data from Luxembourg, Malta and large area's from Italy were missing.
- Voluntary reported information on area and population numbers in zones is present for 89% (area) and 97% (population).
- Mandatory zone designation data is missing for the health protection target pollutants. Coverage is better for SO_2 , NO_2 , PM_{10} , and O_3 than for lead, benzene and CO

2nd Data quality check (20th February 2008)
The second data quality check was a content check on mistakes, errors and/or (in) consistencies in the reported data on zones and the air quality status in these zones[11]. Every Member State was sent a

[11] The questionnaire in the form of an unprotected excel spreadsheet is sensitive for mistakes; by its complex structure with about 80 different sheets the risk of inconsistency in the information in the various sheets is high. As the designation of zones forms the basis of the assessments the ETC/ACC focussed this year on improve this information. Other potential inconsistencies (e.g in the reported monitoring stations and their link to the Exchange of Information decision) will be targeted in later years.

tailor-made excel spreadsheet with the mistakes and the corresponding forms for revision. Basic question was to update the data and send this back to ETC-ACC for renewed processing.

Response was good with 22 Member States and Iceland and Norway responding. Five Member States did not respond: France, Italy, Lithuania, Luxembourg and Portugal. The all in all conclusion is that the data quality greatly improved as result of this feedback action.

The final dataset of data on which this report is based is the dataset that has been 'frozen' in the beginning April 2008. This is the data that was adjusted as a result of the Member States revisions on the basis of the two data quality check responses.
The final dataset included all Member States except Italy. From Italy we included 16 of 20 regional Questionnaires. Four regional Italian Questionnaires were not included. Two, Campania and Puglia, arrived too late and two, Basilicata and Sicilia did not report at all.

Air quality health standards

Humans can be affected by exposure to air pollutants in ambient air. In response, the European Union has developed an extensive body of legislation which establishes health based standards and objectives for a number of pollutants in air. These standards and objectives are summarised in the table below. These apply over differing periods of time because the observed health impacts associated with the various pollutants occur over different exposure times. $PM_{2.5}$ has been introduced in the new 2008 directive of the European Parliament and of the Council on ambient air quality and cleaner air for Europe directive. An indicative limit value of 20 $\mu g/m^3$ by 2020 to be confirmed at review in 2013 is also set. In addition 2 new exposure related obligations are set[12].

Under EU law a limit value is legally binding from the date it enters into force subject to any exceedances permitted by the legislation. A target value is to be attained as far as possible by the attainment date and so is less strict than a limit value. Table 4 shows the EU air quality health standards.

Pollutant	Concentration	Averaging period	Legal nature	Permitted exceedances each year
Fine particles (PM2.5)	25 µg/m3*** 25 µg/m3 20 µg/m3	1 year	Target value enters into force 1.1.2010 Limit value enters into force 1.1.2015 Indicative limit value enters into force 1.1.2020 (to be confirmed)	n/a
Sulphur dioxide (SO2)	350 µg/m3	1 hour	In force	24
	125 µg/m3	24 hours	In force	3
Nitrogen dioxide (NO2)	200 µg/m3	1 hour	Limit value enters into force 1.1.2010	18
	40 µg/m3	1 year	Limit value enters into force 1.1.2010*	n/a
PM10	50 µg/m3	24 hours	In force**	35
	40 µg/m3	1 year	In force**	n/a

[12] For more details seehttp://ec.europa.eu/environment/air/quality/standards.htm

Lead (Pb)	**0.5 µg/m3**	**1 year**	**In force (or 1.1.2010 in the immediate vicinity of specific, notified industrial sources; there 1.0 µg/m3 limit value applies from 1.1.2005 to 31.12.2009)**	**n/a**
Carbon monoxide (CO)	**10 mg/m3**	**Maximum daily 8 hour mean**	**In force**	**n/a**
Benzene	**5 µg/m3**	**1 year**	**Limit value enters into force 1.1.2010****	**n/a**
Ozone	**120 µg/m3**	**Maximum daily 8 hour mean**	**Target value enters into force 1.1.2010**	**25 days averaged over 3 years**
Arsenic (As)	**6 ng/m3**	**1 year**	**Target value enters into force 31.12.2012**	**n/a**
Cadmium (Cd)	**5 ng/m3**	**1 year**	**Target value enters into force 31.12.2012**	**n/a**
Nickel (Ni)	**20 ng/m3**	**1 year**	**Target value enters into force 31.12.2012**	**n/a**
Polycyclic Aromatic Hydrocarbons	**1 ng/m3 (expressed as concentration of Benzo(a)pyrene)**	**1 year**	**Target value enters into force 31.12.2012**	**n/a**

Table 4: EU air quality health standards

**Under the new Directive the Member State can apply for an extension of up to five years (i.e. maximum up to 2015) in a specific zone. Request is subject to assessment by the Commission. . In such cases within the time extension period the limit value applies at the level of the limit value + maximum margin of tolerance (*48 µg/m3 for annual NO2 limit value).

***Under the new Directive the Member State can apply for an extension until three years after the date of entry into force of the new Directive (i.e. May 20011) in a specific zone. Request is subject to assessment by the Commission. In such cases within the time extension period the limit value applies at the level of the limit value + maximum margin of tolerance (35 days at 75*µg/m3 for daily PM10 limit value, 48 µg/m3 for annual Pm10 limit value).

****Standard introduced by the new Directive.*

2 Zoning in Member States

The number of zones in 2006 in the EU27 (1056) was roughly the same as in 2005 (EU25: 1064)

The 2006 zoning adjustments are:

- Bulgaria (6) and Romania (4) zones were added
- Italian zones of 4 regions are not included as Italy did not report fully
- Luxembourg (3) reported for the first time in 4 years

Voluntary information for 'Area size' (89%) and 'Population totals' (98%) per zone was submitted by the Member States

The share of zones classified as agglomeration is 24% in the EU27. Population living in zones classified as agglomerations is on the other hand approx. 35%.

The total number of zones differs for each pollutant. The highest number of zones is designated for NO_2 (981) and PM_{10} (960).

How have the Member States designated their zones?

Designated zones in the Member States to assess and manage air quality vary widely dependant on the chosen variable: size, population, measured individual pollutant or types of protection targets.

The total number of zones that Member States design to assess and manage air quality is not strictly defined. Member States are free in defining their own zone structure and characteristics (population and area) to account for local specificity which makes mutual comparison of final results between countries more difficult.

The total number of zones in the Member States ranges from 362 in Poland to 1 zone in Cyprus.

Table 5 and Table 6 give an overview of the total number of zones defined in 2004 to 2006. The total number of 1056 zones in 2006 is, notwithstanding the enlargement with Bulgaria (6 zones) and Romania (4 zones), lower than in 2005 (1064 zones, Vixseboxse and de Leeuw, 2007). Luxembourg is designated in 3 zones and reported for the first time in four years. These 3 zones are included in the 2006 data and were absent in 2005.
Compared to 2005 three Member States (DE +2, GB +1, FR +1) had more zones designated and two Member States (ES -2, IT -23) had less zones designated. The difference between 2005 and 2006 zone designation is mainly caused by the missing information from Italy: only 16 from the 21 regions have submitted a questionnaire.

Member State	All Zones	SO_2		NO_2	NO_x	PM_{10}	Lead	Benzene	CO	O_3
		Health	Eco-Systems	Health	Vegetation					
AT	19	11	8	11	8	11	11	11	11	11
BE	17	12	12	11	11	11	13	10	10	9
BG	6	6	1	6	1	6	6	5	6	6
CY	1	1	1	1	1	1	1	1	1	1
CZ	15	15	13	15	13	15	15	15	15	15
DE	120	74	15	80	19	77	67	79	79	63
DK	10	1	1	9	1	9	1	9	9	9
EE	4	4	4	4	4	4	4	3	4	4
ES	138	138	27	138	28	138	138	138	138	138
FI	18	14	1	14	1	14	14	3	14	2
FR	88	81	74	86	79	81	28	36	33	60
GB	44	44	44	44	44	44	44	44	44	44
GR	4	4	4	4	4	4	0	1	4	4
HU	11	11	11	11	11	11	11	11	11	11
IE	4	4	1	4	1	4	4	4	4	4
IT	121	88	55	110	72	100	39	76	92	84
LT	3	3	3	3	3	3	3	3	3	3
LU	3	3	1	3	1	2	3	1	0	0
LV	2	2	2	2	2	2	2	2	1	2
MT	2	1	1	1	1	1	0	1	1	2
NL	9	9	9	9	2	9	9	9	9	9
PL	362	362	314	362	314	362	362	362	362	362
PT	26	25	25	25	25	25	1	21	15	25
RO	4	4	4	4	4	4	4	4	4	4
SE	6	6	6	6	6	6	6	6	6	6
SI	9	9	9	8	8	6	6	6	6	6
SK	10	10	10	10	10	10	10	10	10	9
EU27	**1056**	**942**	**656**	**981**	**674**	**960**	**802**	**871**	**892**	**893**

Table 5: **Number of zones per Member State and pollutants, 2006**

MS	Total zones 2004	Total zones 2005	Total zones 2006
AT	19	19	19
BE	17	17	17
BG			6
CY	1	1	1
CZ	15	15	15
DE	145	118	120
DK	10	10	10
EE	16	4	4
GB	43	43	44
GR	4	4	4
ES	140	140	138
FI	18	18	18
FR	85	87	88
HU	11	11	11
IE	4	4	4
IT*	137	144	121
LT	3	3	3
LU			3
LV	2	2	2
MT	3	2	2
NL	9	9	9
PL	362	362	362
PT	26	26	26
RO*			4
SE	6	6	6
SI	9	9	9
SK	10	10	10
EU25	1095	1064	1046
EU27			1056

* No country coverage

Table 6: Trend total number of zones per Member State, 2004-2006

Zone area size and population in zones

How complete is the reported voluntary information on population and area size in the zones?

For the EU27 as a whole population data is missing in 2% of the zones and for area information this is 11%. National totals on area and population provided by Eurostat[13] and FAO[14] have been used here as a reference.

	#	%
EU27 Zones total	1 065	100%
Population info	1 041	98%
Area info	957	89%

Table 7: Voluntary zone info on area and population, percentage refers to the total EU27 population and area in 2006

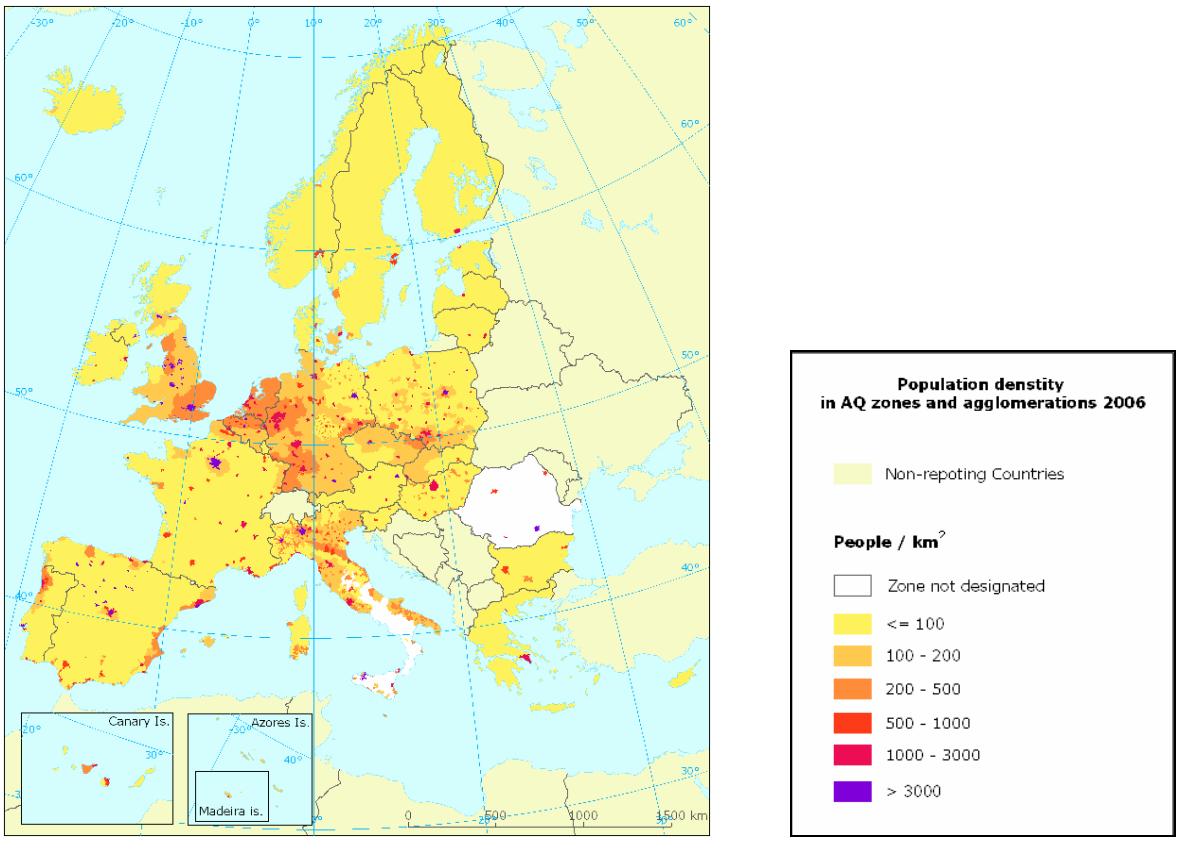


Figure 1: Population density in Europe, 2006

Figure 1 shows the population density in the EU27 on the basis of the voluntarily submitted population numbers per zone by the Member States. This map illustrates the large differences in population density and in size of the zones and agglomerations. Figure 1 is based on the zone

[13] http://epp.eurostat.ec.europa.eu/

[14] http://faostat.fao.org/

designation of PM_{10} but will be illustrative for diversity in zones of the other pollutants. Higher population density may bring further challenges in ensuring good air quality status.

About 35% of the EU27 population lives in zones (PM_{10}) that are classified as agglomeration (Table 8). This percentage of population in agglomerations is roughly the same for all other health protection target pollutants (SO_2, NO_2, Pb, benzene, CO, O_3).

MS	total population	PM10
AT	8 265 925	25%
BE	10 511 382	23%
BG	7 718 750	100%
CY	766 414	98%
CZ	10 251 079	27%
DE	82 437 995	34%
DK	5 427 459	34%
EE	1 344 684	34%
ES	43 758 250	50%
FI	5 255 580	19%
FR	62 998 773	39%
GB	60 393 100	42%
GR	11 125 179	39%
HU	10 076 581	24%
IE	4 209 019	25%
IT	58 751 711	28%
LT	3 403 284	27%
LU	469 086	0%
LV	2 294 590	32%
MT	405 006	68%
NL	16 334 210	31%
PL	38 157 055	24%
PT	10 569 592	45%
RO	21 610 213	100%
SE	9 047 752	31%
SI	2 003 358	19%
SK	5 389 180	12%
EU27	492 975 207	35%
IS	299 891	64%
NO	4 640 219	27%

Table 8: Population in agglomerations[15], PM_{10} in 2006

Mandatory MS zone area and population coverage

How do Member States comply (total population and area) with the health protection target?

The limit values for the protection of human health apply throughout the whole territories of the Member States, so areas that do not belong to any zone related to health protection should not exist. Similar, the population living is zones related to health protections should add up to the national total population numbers.

Table 20 and Table 21 in '6 Annex tables, figures and maps' compare the totals of area and population calculated for each of the objectives with the corresponding national area and population. For most, but not all Member States the total surface area of the health-related zones indeed added up to the total surface area of the country within a range of 5%. Small deviations from the 100% are to

[15] 'agglomeration' shall mean a zone with a population concentration in excess of 250 000 inhabitants or, were the population concentration is 250 000 or less, a population density per km2 which for the Member States justifies the need for ambient air quality to be assessed and managed (Council Directive 96/62/EC, 27 September 1996).

be expected in view of the different information sources and by difference in base year of the census.

In nine Member States (AT, BG, CY, CZ, ES, FI, GB, HU, PL) the population totals are the same for the seven pollutants and are close to the 100% indicating that the total territory has been assigned. For the other countries the coverage may add to about 100% but it varies slightly for the various pollutants. This indicates (minor) inconsistencies in the zone designation and/or minor errors in the population numbers per zone.
A nearly complete coverage is in general found for SO_2, NO_2, PM_{10} (with exceptions for BE and EE) and O_3 (except FR). Lower coverage's are found in the case of lead, benzene and CO. Three Member States have not designated zones for one or more pollutants: Estonia (Pb and benzene); Greece (lead) and the Netherlands (benzene, CO and ozone).

3 Air quality exceedances

The number of zones in Member States in 2006 where the limit or target value was exceeded was greatest for PM_{10} daily (45%). Concentration levels in 39% of the zones exceeded the O_3 health target value to be attained in 2010.

The EU27 population affected by these exceedances was even greater. The percentage of population living in zones where the AQ threshold was exceeded is 63% for daily PM_{10} and 46% for O_3 health.

The main reported reasons for the zone-exceedances are local traffic (PM_{10} day, NO_2 year), Industry (O_3 health, SO_2) and domestic heating (SO_2 health day).

Introduction

If measurements or model calculations show that a limit value or limit value plus margin of tolerance is exceeded somewhere in the zone, the whole zone is designated as being in exceedance of this threshold.

► *It should be noted that the number or percentage of zones in exceedance is only a crude indicator for the area in exceedance. In the first place, the exceedance area might be the entire zone area or just a few hundred square metres at a hotspot. In the second place, some Member States have made very large zones, so very few zones, for pollutants that are everywhere substantially below the air quality thresholds. Hence, the number or percentage of zones cannot be used to estimate the area in exceedance or to compare actual population exposure to air pollution between different Member States or even between regions within a Member State.*

Number of zones in exceedance

Which pollutants exceed the limit or target value the most?

The number of zones in Member Sates in 2006 where the limit or target value was exceeded was greatest for PM_{10} daily (45%) and O_3 health (39%).

Has the air quality improved in 2006 compared with a year ago?

Compared to the 2005 zone exceedances the most striking was the increase by 5% of the zones where levels were exceeding O_3 health target value to be attained in 2010. This is explained[16] by the specific 2006 weather conditions in Europe. During summer 2006 elevated ozone levels have been observed throughout whole Europe.

[16] Air pollution by ozone in Europe in summer 2006, EEA technical report No 5/2007

EU27	2006
PM_{10} day	45%
$O_{3\ H}$	39%
O_3	27%
PM_{10} Yr	20%
NO_2 Yr	18%
SO_2 Day	3%
NO_x	3%
NO_2 Hr	2%
SO_2 Hr	2%
SO_2 Wntr	2%
SO_2 Yr	1%
CO Yr	1%
Benzene Yr	0.2%
Lead Yr	0.1%

Table 9: Zone exceedances in 2006[17]

On the whole for the EU27 (see Table 2), PM_{10} zone-exceedances slightly increased, O_3 exceedances increased considerable, NO_2 zone-exceedances decreased slightly and for the rest of the pollutants zone-exceedances are of minor importance and/or were equal to 2005 zone-exceedances.

Table 22 and Table 23 show the number of zones in exceedance, per Member State and pollutant in 2006. There are some discrepancies between the number of zones listed in Table 5 and the numbers presented in Table 22 and Table 23. This is due to the fact that in a number of cases the air quality status has been given for a zone while this zone was not designated for this pollutant/protection target. To a large extent these discrepancies might result from mistakes (e.g. misprinting zone codes) in the respective forms. It is expected that the noted discrepancies in zone definitions has not influenced the conclusions at the aggregated level presented here.

PM_{10} day and O_3 health 2006 exceedance maps

Figure 2 and Figure 3 show the EU27 zone exceedance maps for PM_{10} day and O_3 health target to be attained in 2010. The white areas in the maps represent areas in Member States that were not designated into zones. The yellow territories are areas that were designated into zones but air quality status was not reported on. In both cases those Member States did not comply with the framework Directive as zoning and reporting is mandatory for all health related pollutants.

Figure 2 shows exceedances of the PM_{10} daily limit value in a number of isolated urban agglomerations and regions with well-documented high PM_{10} levels (Po valley, Central Europe, Ruhr area, Netherlands, Northern Belgium, Southern UK, see for example the monitoring based maps presented in Horálek et al., 2008). On the other hand, it also suggests widespread exceedances in the Nordic countries. Here exceedance has been observed at one or two hot-spot station resulting in a whole non-compliance zone.

[17] For NO_2 and ozone the limit value and target value attainment date is 2010

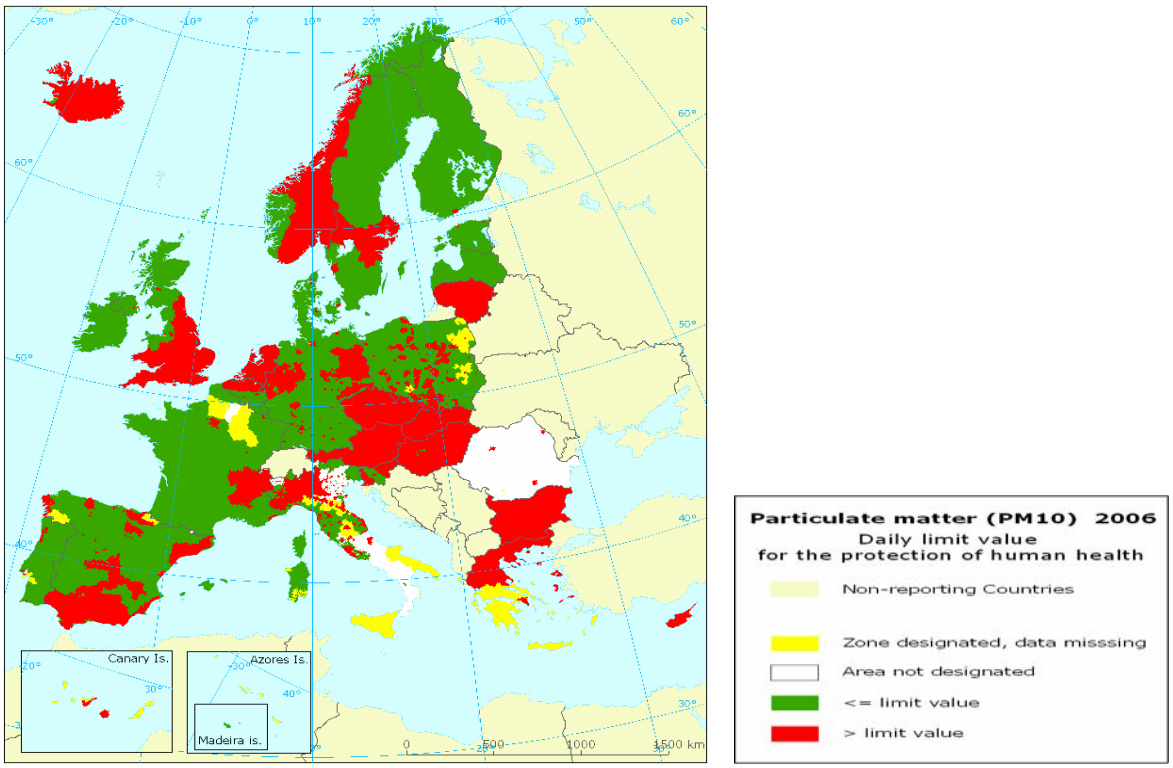


Figure 2: EU27 PM_{10} day zone exceedance, 2006

The EU27 maps in the Annex of this chapter show the zone-exceedances for all the other reported pollutants in the Questionnaire.

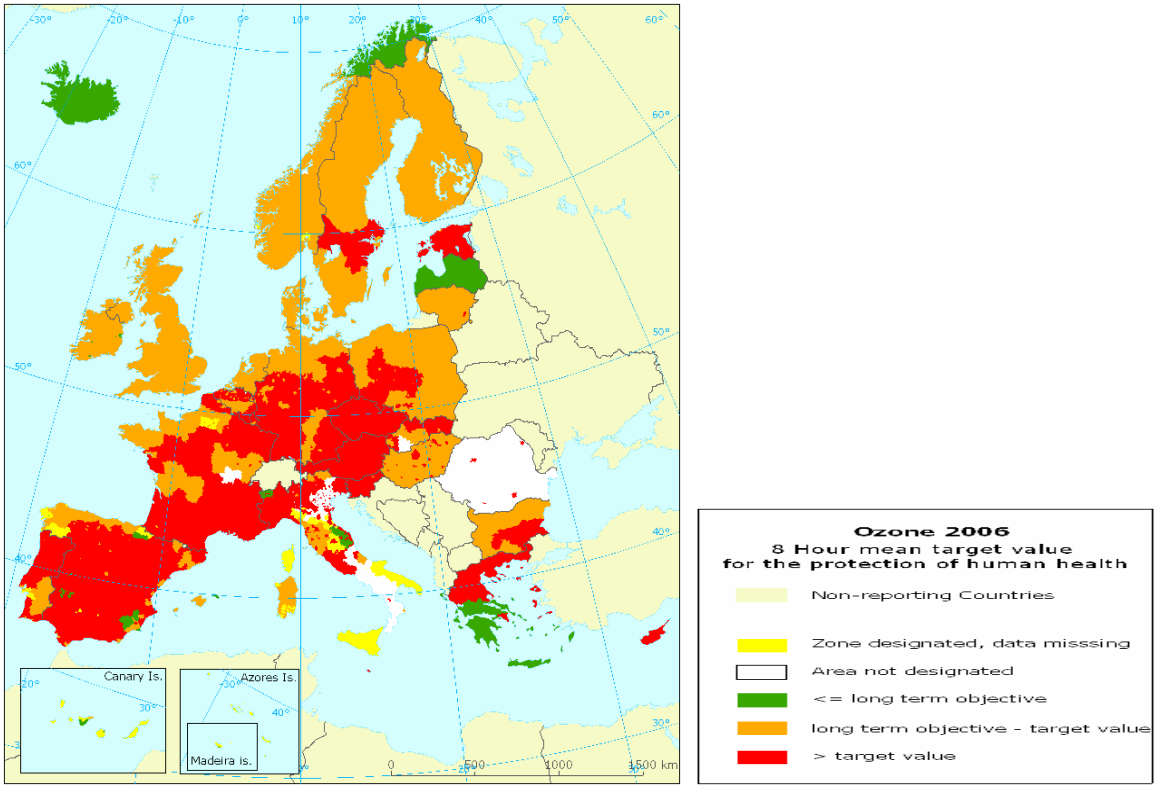


Figure 3: EU27 O_3 health zone exceedance, 2006

Population in zones with exceedances

How many people live in zones where the limit or target value is exceeded?

Figure 4 shows that 63% of the EU27 population lives in zones where the PM_{10} limit value is exceeded. For NO_2 and O_3 health the percentages population affected are 50 and 46%.
On the other hand, the number of zones that exceeded the AQ thresholds is 45% (PM_{10} day); 39% (O_3 health) and 25% (NO_2 year). The conclusion is that exceedances occur more often in areas where population density is higher.

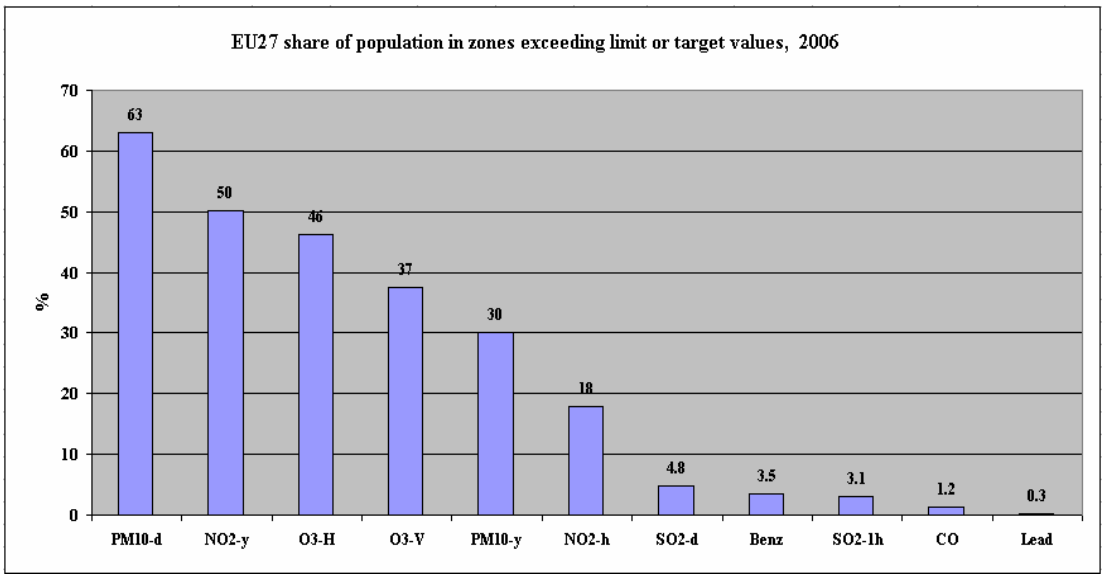


Figure 4: Population in zones exceeding air quality thresholds, 2006

Reported reasons of exceedances

What are the reported reasons for the exceedances in the zones according to the Member States?

For the daily PM_{10} the most mentioned exceedance causes are local traffic (41%) and industry (15%). NO_2 year exceedances are caused predominantly by local traffic (67%). For exceedances of the ozone alert threshold a reason has not been given in most of the cases. The main reported reasons for daily SO_2 health zone-exceedances are domestic heating (29%), industry (20%) and local traffic (18%).

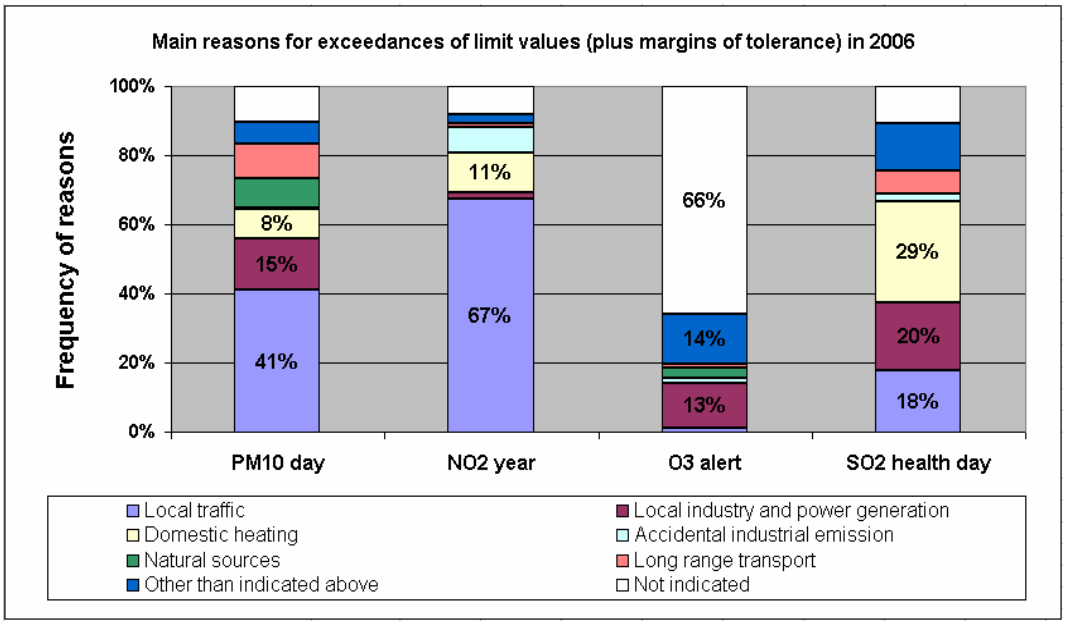


Figure 5: Reported reasons for zone exceedances, 2006

Figure 5 shows the main reasons mentioned for exceedances for daily PM_{10}, yearly NO_2, O_3 health and daily SO_2. The percentages mentioned are the shares from the total reported reasons by the Member States.

Multi exceedances in the same zone

How many zones are there in the EU where air quality thresholds are exceeded for several pollutants?

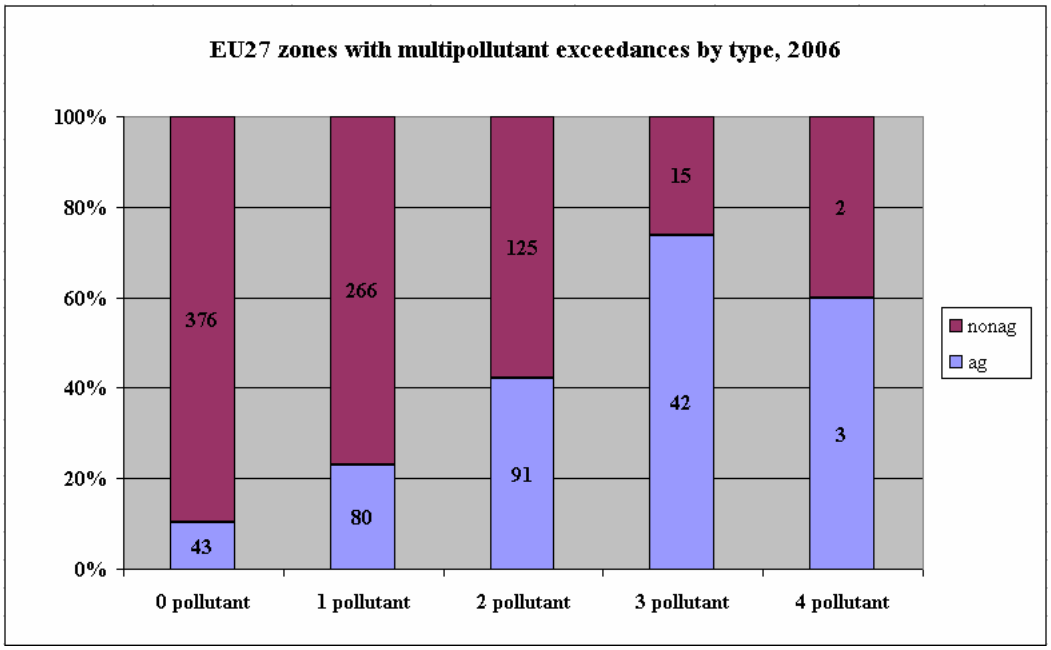


Figure 6: EU27 multi-pollutant exceedance zones, 2006

Figure 6 shows that in about a quarter of all zones the limit or target values of two or more pollutants have been exceeded simultaneously. These zones require most challenging integrated air pollution assessment strategies. In 2006 there are 216 zones in the EU27 that have air quality thresholds exceedances for 2 pollutants. There are 57 and 5 zones that have zone exceedances for 3 and 4 pollutants.

In which Member States are these multi exceedances zones located?

Table 26 in the annex of this chapter shows the numbers of multi exceedance zones per Member State. The Member States with zones where 4 pollutants exceed the air quality threshold are located in BG, FR, IT, RO and MT.

There are 13 Member States with zones where 3 pollutants exceed thresholds. In this multi pollutant exceedance category Italy has 20 zones and Germany 10 zones.

How many people live in these zones with multi pollutant exceedances in the EU27?

Table 10 shows the population that is affected by pollutant exceedances. The number of people living in zones with 4 pollutants in exceedance amount to 7.3 million in the EU27. 71 Million and 156 million people live in zones with respectively 3 and 2 pollutant zone exceedances.

		0 pollutant	1 pollutant	2 pollutant	3 pollutant	4 pollutant	Grand Total
EU 27	ag	15 976 333	28 848 682	74 753 982	50 597 139	3 657 840	173 833 976
	nonag	135 075 033	106 584 517	81 459 489	20 708 978	3 692 075	347 520 092
	Grand Total	151 051 366	135 433 199	156 213 471	71 306 117	7 349 915	521 354 068

Table 10: EU27 Population in zones with multi-pollutant exceedances, 2006 (ag = agglomeration; nonag = other zones but agglomerations).

4 Statistics on stations and methods

The total number of AQ measuring stations in 2006 in the EU27 (4386) used for the assessment under the ambient air quality directives was a bit less than in 2005 (EU25: 4409).

Most of the EU27 stations measure the pollutants NO_2 (70%), PM_{10} (56%), SO_2 (53%) and O_3 (43%).

The measuring stations can be qualified by type and location. The dominant station type is 'background' (59%) and the most occurred location is 'urban' (50%). It should be mentioned that this detailed station information does not originate from the Questionnaire reporting but from a link between Questionnaire stations and Airbase stations.

Almost all stations (86%) measure for health protection targets in 2006 which is a bit down in comparison with 2005 (90%).

Zone characteristics and pollutant type determine the minimum number of stations in a zone. The largest deficiency of monitoring stations is for benzene (24%) and PM_{10} (21%) in 2006.

The most used measuring method for PM_{10} is 'beta absorption' (39%). For $PM_{2.5}$ this is the 'gravimetric' method (36%) which is the reference method for PM.

Number of stations and share of pollutants

What is the total number of monitoring stations in the EU27?

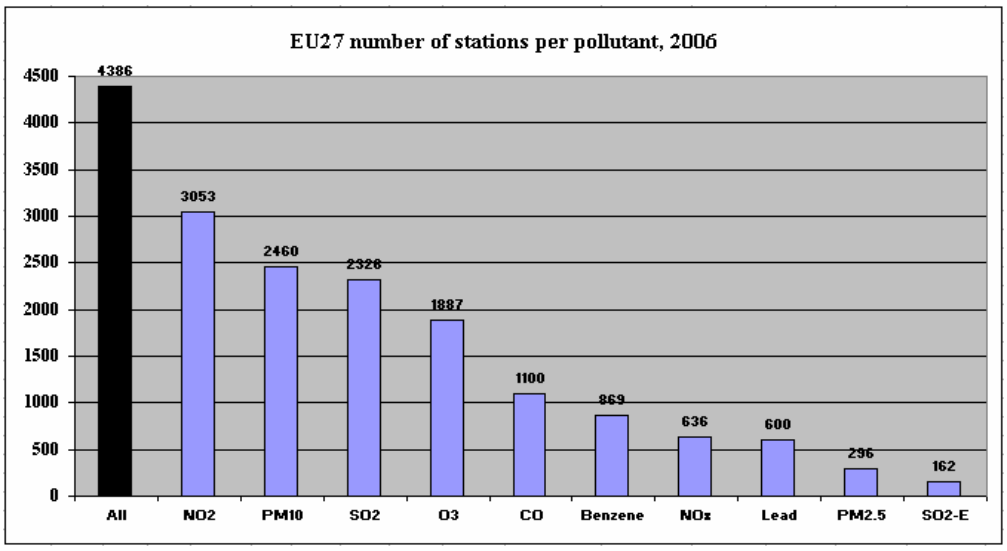


Figure 7: Total number of EU 27 AQ measuring stations per pollutant, 2006[18]

Compared to the 2005 reported number of stations the total number decreased with 23 in spite of two

[18] Source: Airbase

new reporting Member States (RO, BG). The most widely measured pollutants are NO_2 (70%), PM_{10} (54%) and SO_2 (53%) in 2006.

Depending on the level of air quality, Member States can use measurements, mathematical models and other methods for the assessment of their air quality. As required by the air quality legislation the monitoring networks are the backbone of the assessment system.

And which pollutants do the monitoring stations mainly measure?

Figure 7 and Figure 8 show that the pollutants that are measured mainly are NO_2, PM_{10} and SO_2. One and other is obviously related to the station density requirements and policy importance, which reflect the likelihood of exceedance of limit values and ozone thresholds. On top of this, there also seems to be a historic lag, causing 'old' pollutants (SO_2, NO_2/NO_x) to be measured more extensively than the newer ones (PM_{10} and benzene). This is particularly true for $PM_{2.5}$.

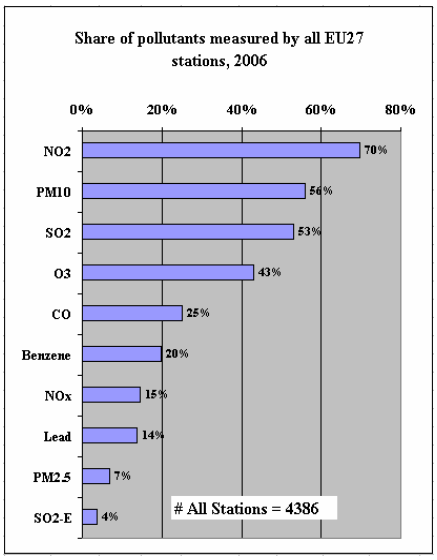
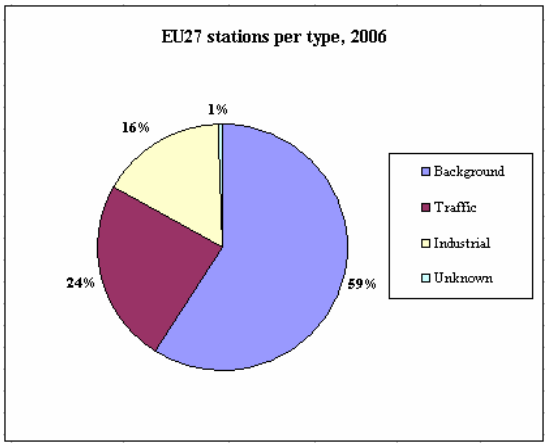


Figure 8: Share of pollutants measured by all EU27 stations, 2006

Type and location of monitoring stations

What are the dominant type and location of the monitoring stations?

Of all EU27 monitoring stations the dominant station types are 'background" (59%) and 'traffic' (24%).



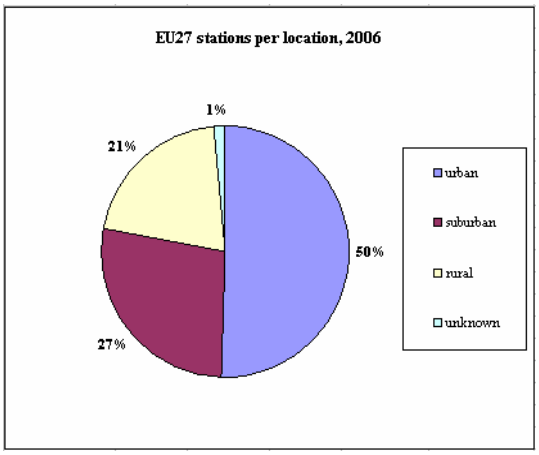


Figure 9: EU AQ measuring stations per type and location, 2006[19]

The dominant locations for all monitoring stations are 'urban' (50%) and 'suburban' (27%) in 2006 (Figure 9). The type and location of the monitoring stations is generally in line with the directive requirements, focused at measuring the potential exposure of the population and to a lesser extent identifying highest concentrations in the zone. There is however strong variance between the Member states.

Purposes of stations

What is the final purpose of the monitoring stations?

Figure 10 and Table 28 in the Annex of this chapter show that stations mainly measure for the purpose of the health protection target (86%). Stations measuring for the purpose of the ecosystem and vegetation target both equal 7% in 2006. Compared to the 2005 reporting year the share of stations measuring for human health is down from 90%.

All stations should be used for the assessment of the air quality in relation to the limit values for health protection, but for the assessment in relation to the limit values for ecosystems (SO_2) and vegetation (NO_x), only stations should be used at sufficient distance from sources and representative of an area of at least 1000 km^2. As this excludes urban, industrial and traffic stations, the number is substantially lower: 7 % is used for ecosystem protection (SO_2) and also 7 % for vegetation (NO_x). The function of the stations was only filled in for 56 % of the total EU27 number of stations. Germany, Poland and Slovenia didn't supply station function data.

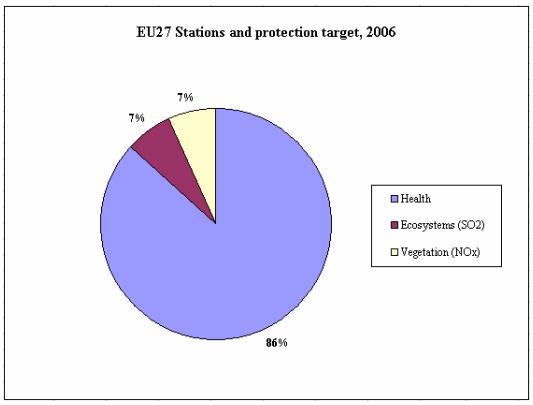


Figure 10: EU27 AQ measuring stations and protection target, 2006

[19] Source: Airbase

Stations monitoring ozone precursors

How many stations reported on measurements of ozone precursors (Table 11)? And what was mainly measured?

In 2006, 4 Member States (CY, EE, LU and SI) didn't report any results of VOC measurements, including benzene. Four Member States only reported on benzene (BG, LT, LV, and RO). The substances mainly monitored are benzene (366 stations), toluene (255 stations) and xylenes (216 stations).

The Third Daughter Directive requires Member States to measure ozone precursors, for trend analysis, for checking the efficiency of emission reduction strategies and the consistency of emission inventories and to help attribute emission sources of pollution concentrations. An additional aim is to support the understanding of ozone formation and precursor dispersion processes, as well as the application of photochemical models. Member States must take these considerations into account when choosing the number and siting of stations; there should be at least one station per Member State.

Mention should be made that reporting by the Member States of the reactive VOCs is very limited compared to the less reactive aromatic compounds.

VOC	EU27 # Stations
Ethane	20
Ethylene	20
Acetylene	20
Propane	20
Propene	20
n-Butane	28
i-Butane	41
1-Butene	20
trans-2-Butene	41
cis-2-Butene	41
1.3-Butadiene	38
n-Pentane	48
i-Pentane	43
1-Pentene	37
2-Pentene	17
Isoprene	27
n-Hexane	56
i-Hexane	30
n-Heptane	55
n-Octane	46
i-Octane	37
Benzene	366
Toluene	255
Ethyl benzene	200
m+p-Xylene	209
o-Xylene	216
1,2,4-Trimeth.benzene	29
1,2,3-Trimeth.benzene	28
1,3,5-Trimeth.benzene	29
Formaldehyde	10
Total non-methane hydrocarbons	35

Table 11: EU27 number of stations monitoring ozone precursors, 2006

Zones where the number of stations was too low

For which pollutants was the number of stations in a zone too low?

The two main pollutants (Figure 11) for which the number of stations in a zone was too low in 2006 were benzene (24%) and PM10 (21%). Compared with 2005 the situation for PM_{10} is improving (was 30%) and for benzene is worsening (was 19%).

Information is based partly based on voluntary reported population and area data. Germany, Poland and Portugal did not report on this and are not included in these conclusions. The 'number of zones with too low a number of stations per assessment regime' and 'per Member State / pollutant' is shown in Table 31 and Table 32 in the annex of this chapter.

Stations related to health protection

The first two daughter directives list the minimum number of stations per zone for air quality assessment in relation to diffuse sources and in relation to health protection limit values. This minimum number depends on exceedance of the upper or lower assessment threshold (the assessment regime) specified in the directives, the population of the zone and the agglomeration status, and on whether supplementary assessment had been carried out. Member States must also assess the air quality in the vicinity of point sources, but the directives do not specify the number of stations. Member States are responsible for having an adequate air quality assessment system in all of their zones; it is important to note that this may require more stations than the minimum that was checked here.

For the zones where no supplementary assessment had been carried out and on which Member States had, voluntarily, reported sufficient data on population in a zone, it could be checked whether the number of stations complied with the minimum number. Figure 11 shows the result, considering only the zones that could be checked and for which measurement was mandatory. The number of zones with too few stations was largest for benzene and PM_{10}. The analysis also showed that in many zones the number of stations was considerably higher than the minimum used here.

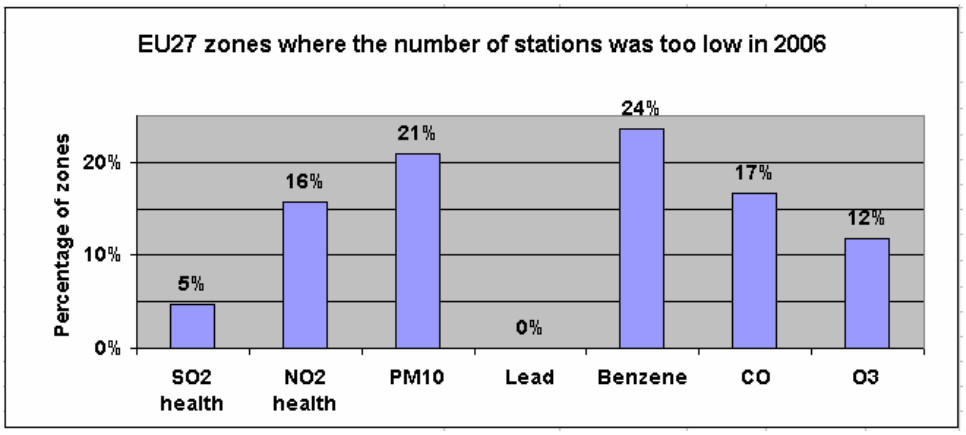


Figure 11: Compliance with the minimum number of stations in zones, 2006

Stations related to ecosystem and vegetation protection

For zones exceeding the assessment thresholds for ecosystems and vegetation it is difficult to do a precise check, because the assessment thresholds are defined per zone, while the minimum number of stations is defined as one station per 20000 or 40000 km2 when respectively the upper or lower assessment threshold is exceeded. Most zones are smaller than these sizes. All large zones were found to have enough stations. Several Member States with a large territory did not report having any stations for ecosystems or vegetation.

Matching station coding between 'Questionnaire' and 'Exchange of Information reporting'

How many monitoring stations that were reported in the Questionnaire could be matched with the Airbase database?

Additional information (e.g. type, location) on stations can be retrieved through the EoI 'Airbase' database. To retrieve this, the "EoI station code" was needed to link the station data in the two reports.

EU27 AQ Stations	SO_2	NO_2	NO_x	Lead[2]	PM_{10}	$PM_{2.5}$	Benzene	CO	O_3	All
Questionaire Stations	2326	3053	636	600	2460	296	869	1100	1887	4386
Eoi (Airbase) Stations	1890	2551	569	538	2185	291	711	1017	1836	3653
% EoI Stations covered	81%	84%	89%	90%	89%	98%	82%	92%	97%	83%

Table 12: Number of reporting Stations in Questionnaire and corresponding EoI stations, 2006

Theoretically speaking all reported stations should correspond with the stations in the Exchange of Information decision (EoI) 'Airbase' database. The actual practice is however different. 83% of all measuring stations were able to be traced in 2006. For O_3 and $PM_{2.5}$ the hit rate is almost 100%.

Multi-pollutant stations

Which pairs of pollutants are monitored together at the same station?

In almost all stations were NO_2 is measured CO is also measured (98%). This is also the case for $PM_{2.5}$ and PM_{10} (94%).

Most monitoring stations measure more than one pollutant. Table 13 gives the percentages of stations that measure pairs of pollutants as reported under Daughter Directives. The percentages are given as percentage of the total of each pollutant. For example, at 94% of the stations that measure $PM_{2.5}$ also PM_{10} is measured. The lowest correlations exist between the pairs of pollutants, NO_x, lead, benzene and CO. Monitoring of SO_2, NO_2, PM_{10} and O_3 is frequently collocated.

SO_2	SO_2								
NO_2	67%	NO_2							
NO_x	77%	92%	NO_x						
Lead	49%	61%	16%	Lead					
Benzene	54%	82%	15%	21%	Benzene				
CO	70%	98%	19%	19%	36%	CO			
PM_{10}	62%	83%	18%	19%	23%	36%	PM_{10}		
$PM_{2.5}$	64%	90%	29%	29%	36%	47%	94%	$PM_{2.5}$	
O_3	56%	72%	19%	12%	14%	28%	57%	8%	O_3

Table 13: Multi-pollutant stations (percentage of pollutant pairs), 2006

Before the air quality daughter directives came into force, Member States had different approaches in siting their stations. Since then, some convergence has taken place, but differences have remained. Table 29 illustrates this for the ratio of (sub) urban background and traffic stations, which varies strongly. In Poland for example 162 stations (of 214 total) is classified as urban background stations whereas in Finland 24 stations (of 44 total) are classified as traffic stations. The proposal for the new air quality directive reduces this to a variation between 2:1 and 1:2.

Measuring methods particulate matter

What are the main measuring methods in use for PM_{10} and $PM_{2.5}$?

The main PM_{10} measuring method is 'beta absorption' (39%) and for $PM_{2.5}$ this is the 'gravimetric' method (36%) in 2006. The 'gravimetric method' is the reference method for both PM_{10} and $PM_{2.5}$ and is described in standards EN12341:2000 and EN14907:2005 respectively.

Several measurement methods are in use for PM_{10} and $PM_{2.5}$. The First Daughter Directive specifies the gravimetric method (collection on a filter and gravimetric mass determination) as the reference method but allows other methods to be used, provided that equivalence with the reference method can be demonstrated. To achieve this equivalence, Member States may apply a correction factor (or correction equation).

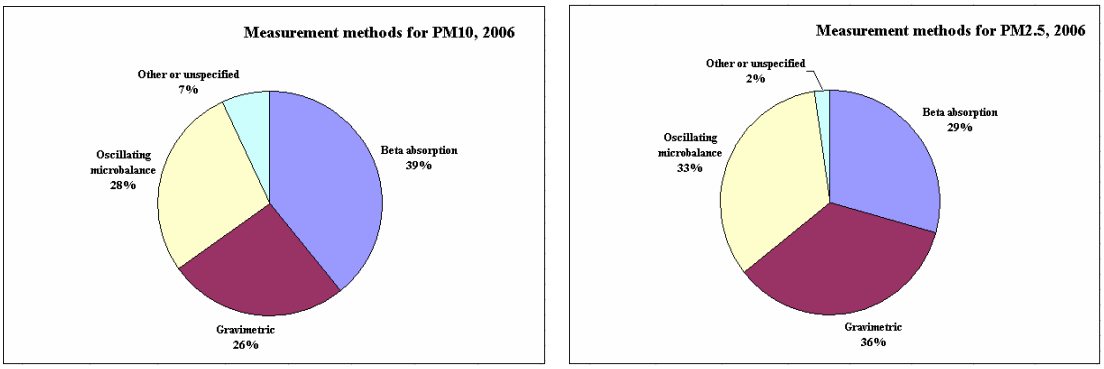


Figure 12: Measuring methods for PM_{10} and $PM_{2.5}$ in 2006

Within Member States there is often a clear preference for a particulate matter measuring method. In France for example the 'Oscillating microbalance method' is the dominant measuring method for PM_{10} and $PM_{2.5}$. In Latvia, Portugal, Estonia, Greece and Lithuania only the 'beta absorption' method is used for both PM_{10} and $PM_{2.5}$. See Table 33 for a breakdown of the PM_{10} and $PM_{2.5}$ measuring methods per Member State in 2006.

Correction factor Particulate matter

What are the PM_{10} and $PM_{2.5}$ correction factor used and how many stations used it?

For PM_{10} 61% of all stations reported on the correction factor. Almost half (46%) the stations reported a CF of one and 40% reported a CF larger than one.
For $PM_{2.5}$ all stations reported on a CF. 69% reported a correction factor of one and 15% of the stations reported a CF larger than one. Table 14 summarizes the results on correction factors for the EU27. Table 34 in the annex of this chapter shows the correction factor breakdown of monitoring stations using a non-reference method for PM_{10} and $PM_{2.5}$ per Member State.

Added value from the knowledge of the actual correction is limited as the factor itself is crucially dependent on the implementation of the non-reference method (instrument version, internal calibration etc.) as well as on the local climatic conditions and PM composition. Report on the demonstration on equivalence (can be based on drat Guidance on the demonstration of equivalence

published by the Commission in 2005[20]) provides more comprehensive information on the actual equivalence.

Member State	CF>1	CF=1	CF<1	CF Variable	CF Other	CF reporting PM10 *stations*
EU27	40%	46%	2%	8%	4%	61%

Member State	CF>1	CF=1	CF<1	CF Variable	CF Other	CF reporting PM2.5 *stations*
EU27	15%	69%	2%	1%	13%	100%

Table 14: Station correction factors for PM_{10}, $PM_{2.5}$ using a non-reference method, 2006

[20] http://ec.europa.eu/environment/air/pdf/equivalence_report3.pdf

5 Other statistics

Twelve of the 27 Member States use modelling to determine the exceedance status in their zones.
Lead (17.9%), Benzene (13.1%) and CO (11.9%) are the pollutants where the exceedance status is most frequent based on modelling in 2006. A decrease in the share of the use of modelling is noticeable for SO_2, NO_2, NO_x and PM_{10} between 2004 and 2006.

Supplementary Assessment (SA) or assessment other than measurement is carried out in five Member States in 2006. In the UK exceedance status for O_3 was based 100% on SA, for France this share was approximately one-third of all zones.

279 Stations in 21 Members States reported on $PM_{2.5}$. In the EU27 the average annual mean concentration is 20 µg/m^3. Member States in excess of 25 µg/m^3 are found in central and eastern Europe (CZ, PL, RO, and BG) and Italy.

Four Member States (CY, GR, ES, and PT) claimed PM_{10} derogation on the basis of natural events and five MS (EE, FI, LT, LV and SK) due to winter sanding.

To what extent is modelling and supplementary assessment (Table 15) being used to assess the air quality?

The use of modelling in the 2006 air quality assessment of zones varies per pollutant. In the case of O_3 only 2 - 3 % of the EU27 zones is based on modelling. At the other end of the range is lead where 18% of the zone air quality is based on modelling.

Mention has to be made that the modelling and SA statistics are based on only twelve Members States that reported making use of modelling whereas only 5 report use of supplementary assessment (see Table 35 and Table 36). The fact that for example 75% of all O_3 zones in 2006 use SA is only based on two Member States, the GB and France. So 75% of all zones in France and the GB use SA in the assessment of the air quality.

Exceedance based on modelling			2004	2005	2006
SO2	Health	Hr	13.0%	12.1%	10.6%
		Day	8.0%	8.8%	7.7%
	Eco	Yr	21.0%	14.4%	7.2%
		Winter	19.0%	19.4%	5.4%
NO2	Health	Hr	10.0%	10.3%	8.5%
		Yr	12.0%	10.6%	4.4%
NOx	Veg	Yr	19.0%	2.8%	6.9%
PM10	Day		10.0%	9.3%	7.2%
	Yr		9.0%	8.0%	6.0%
Lead	Yr		15.0%	19.3%	17.9%
Benzene	Yr		13.0%	12.5%	13.1%
CO	Yr		14.0%	9.6%	11.9%
O3	Health		2.1%	3.3%	2.0%
	Veg		2.2%	3.6%	2.9%

Supplementary Assessment	2004	2005	2006
SO_2	1.2%	16.6%	5.8%
NO_2/NO_x	1.4%	16.7%	6.2%
PM_{10}	2.5%	16.5%	7.7%
Lead	4.8%	25.9%	11.9%
Benzene	7.4%	25.6%	9.3%
CO	4.7%	19.0%	6.5%
O_3	27.0%	60.1%	75.0%

Table 15: EU27 share of zones - exceedance based on modelling or SA, 2006

The Daughter Directives encourages Member States to assess their air quality not only with measurements, which gives the concentrations only at the locations of the monitoring stations, but also with other methods *e.g.* model calculations. This type of assessment is expected to become more important in future but this is however not supported by trend data (2004-2006) of the modelling

shares of pollutants.

Member States could also report whether Supplementary Assessment, i.e. assessment based on information from sources other than measurement, such as emission inventories, indicative measurement methods and air quality modelling, was applied. The number of zones for which this was reported, is for some limit values lower than the number of zones for which the exceedance status was determined by modelling. This unexpected result – modelling implies Supplementary Assessment – may be point at lack of clarity in the concept of Supplementary Assessment.

Statistics of $PM_{2.5}$ measurements

What are the Member States that have reported on $PM_{2.5}$? And what are the number of stations and reported concentrations?

Six Member States (EE, LT, LU, LV, NL, and SI) did not report on $PM_{2.5}$ (Table 37). The total number of $PM_{2.5}$ monitoring stations in the 21 reporting Member States is 279. The average annual mean of all reporting stations is 20 µg/m^3 (Table 16).

MS	Number of stations	Averaged annual mean (µg/m³)	Max of annual mean (µg/m³)	Min of annual mean (µg/m³)
EU27	279	20	50	3

Table 16: EU27 $PM_{2.5}$ monitoring stations statistics, 2006

In order to gather data for evaluating a possible $PM_{2.5}$ threshold, the First Daughter Directive requires that "each Member State shall choose the number and the siting of the stations at which $PM_{2.5}$ is to be measured as representative of concentrations of $PM_{2.5}$ and to report the results of those measurements.

According to the newly adopted Air Quality Directive the proposed limit value to be met in 2015 is 25 µg/m3. Stations with a measured concentration above 25 µg/m3 are mainly in central and Eastern Europe (CZ, PL, RO, and BG) and Italy.

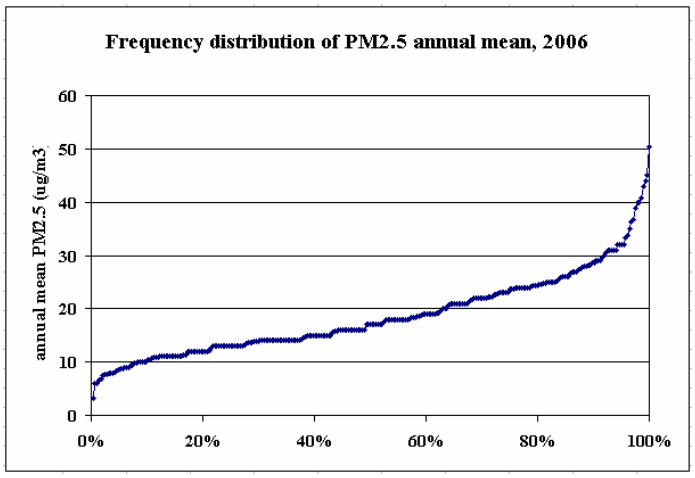


Figure 13: EU27 frequency distribution $PM_{2.5}$ annual mean, 2006

The frequency distribution (Figure 13) shows that the level of 25 µg/m^3 is exceeded at about 15% of the stations; at 35% of the stations the annual mean is in excess of 20 µg/m^3.

Statistics of ozone (vegetation and forest)

What is the number of stations that measure for the ozone vegetation and forest targets? And are the reported concentrations in the Member States in line with the set out targets?

The ozone AOT vegetation target value (to be met in 2010) is 18.000 µg/m^3, the long term objective (to be met in 2020) is 6000 µg/m^3. For the protection of forests the UNECE has defined an ozone critical level as an AOT of 10.000 µg/m^3. Note that for forest the AOT is aggregated over the full summer period while for crops only the 3 months of the growing season are considered.
The EU27 average exceeds both the vegetation 2010 target and 2020 LTO. The critical level for AOT forest concentration is exceeded more than 2.5 times in 2006.

	AOTvegetation (ug/m^3.h)				AOT forest (ug/m^3.h)			
	Lowest[1)]	Average	Highest	Nr of stations	Lowest[1)]	Average	Highest	Nr of stations
EU27	0	19513	70578	1001	53	26707	118927	977

Table 17: EU27 annual statistics of ozone, AOT threshold and annual average, 2006

Ten Member States report above the AOT vegetation target of 18.000 µg/m^3 (Table 38) in 2006. Only two countries (IE and IS) report under the Long Term Objective. The critical level for AOT forest is not exceeded by two countries namely Greece and Ireland. These averages are however only based on one station in each Member State.

Statistics and derogation

How many Member States and incidents are reported on derogation situations for pollutants?

In 2006 derogation was only applied for PM_{10}. Four Member States (CY, GR, ES and PT) reported (Table 18) on derogation - 'natural events', five Member States (EE, FI, LT, LV and SK) reported (Table 19) on derogation – 'winter sanding'.

The First Daughter Directive gives Member States the possibility of subtracting the contribution due to winter sanding of roads and the contribution of natural events before comparing PM_{10} concentrations with the limit values.

MS	Number of stations with exceedance of PM_{10}:			
	Daily limit value		Annual limit value	
	before correction	After correction	before correction	After correction
CY	1	1	1	0
GR	6	6	6	6
ES	148	105	91	62
PT	8	0	3	0

Table 18: Influence PM_{10} natural events correction, 2006

NB: The numbers indicate the number of stations to which the correction was applied, not the total number of stations with exceedance in the Member States mentioned.

Table 18 shows the effect of the 'natural events' correction on the number of stations with PM_{10} exceedance. The corrections brought 51 stations below the daily limit value; for the annual limit

value the compliance status was brought down under exceedance status with 32 stations.

MS	Number of exceedance reporting cases of PM_{10} daily and estimated annual mean concentration due to WINTER SANDING:			
	Daily limit value		Annual limit value	
	before correction	After correction	before correction	After correction
EE	105 (4)	n.a.	100 (4)	n.a.
FI	96 (2)	39 (2)		
LT	325 (12)	172 (12)	315 (12)	295 (12)
LV	244 (2)	76 (2)	105 (2)	97 (2)
SK	2151 (28)	1961 (28)	1067 (28)	1018 (28)

Table 19: PM_{10} winter sanding correction, 2006

NB: between parentheses is the number of stations on which the number of exceedances is based.

Table 19 shows the effects of the winter sanding correction for the PM_{10} daily and annual limit value. Five Member States reported corrections on the daily limit value and 19% of the reported exceedance cases were adjusted. The adjustment for the PM_{10} annual limit value was only 4% based on four reporting Member States.

None of the Member States indicated exceedances due to natural SO_2 sources in 2006. No exceedances were also reported for lead 'specific sources', i.e. sources in an area in the immediate vicinity of specific sources designated according to Annex IV of the First Daughter Directive. Belgium reported 2 stations in the immediate vicinity of 'specific sources' and France one.

6 Annex tables, figures and maps

Chapter 2

Member State	Total area km2	SO_2		NO_2	NO_x	PM_{10}	Lead	Benzene	CO	O_3
		Health	Eco-Systems	Health	Vegetation					
AT	83 870	100	99	100	99	100	100	100	100	100
BE	30 530	98	98	97	97	97	97	100	100	100
BG	110 910	100	23	100	23	100	100	77	100	100
CY	9 250	100	100	100	100	100	100	100	100	100
CZ	78 870	100	99	100	99	100	100	100	100	100
DE	357 050	22	0	22	0	22	22	22	22	22
DK	43 090	99	99	101	99	101	99	101	101	101
EE	45 230	96	96	96	96	96	96	25	96	96
ES	505 370	100	70	100	75	100	100	100	100	100
FI	338 150	100	100	100	100	100	100	100	100	100
FR	643 427	86	71	93	78	89	10	25	13	70
GB	243 610	100	100	100	100	100	100	100	100	100
GR	131 960	100	100	100	100	100	0	1	100	100
HU	93 030	100	100	100	100	100	100	100	100	100
IE	70 270	100	99	100	99	100	100	100	100	100
IT	301 340	56	40	64	44	52	22	33	42	60
LT	65 300	101	101	101	101	101	101	101	101	101
LU	2 590	100	81	100	81	19	100	9	0	0
LV	64 590	100	100	100	100	100	100	100	0	100
MT	320	12	12	12	12	12	0	12	12	99
NL	41 530	84	84	84	53	84	84	84	84	84
PL	312 690	101	99	101	99	101	101	101	101	101
PT	92 120	100	100	100	100	100	96	67	6	100
RO	237 500	1	1	1	1	1	1	1	1	1
SE	450 290	91	91	91	91	91	91	91	91	91
SI	20 270	104	104	102	102	100	100	100	100	100
SK	49 030	100	100	100	100	100	100	100	100	87
EU27	**4 422 187**	**82**	**72**	**84**	**73**	**82**	**66**	**67**	**67**	**80**
IS	103 000	1	1	1	0	100	1	1	1	100
NO	323 802	105	105	119	0	119	0	119	48	119

Table 20: Total MS area covered by zones, in % of total area

Member State	Total population	SO_2		NO_2	NO_x	PM_{10}	Lead	Benzene	CO	O_3
		Health	Eco-Systems	Health	Vegetation					
AT	8 265 925	98	72	98	72	98	98	98	98	98
BE	10 511 382	98	98	98	98	98	98	98	98	98
BG	7 718 750	100	15	100	15	100	100	85	100	100
CY	766 414	98	98	98	98	98	98	98	98	98
CZ	10 251 079	100	85	100	85	100	100	100	100	100
DE	82 437 995	89	1	90	1	90	84	90	90	88
DK	5 427 459	100	100	100	100	100	100	100	100	100
EE	1 344 684	103	103	103	103	103	103	57	103	103
ES	43 758 250	102	21	102	23	102	102	102	102	102
FI	5 255 580	100	100	100	100	100	100	100	100	100
FR	62 998 773	92	90	95	93	92	39	49	38	69
GB	60 393 100	98	98	98	98	98	98	98	98	98
GR	11 125 179	99	99	99	99	99	0	32	99	99
HU	10 076 581	100	100	100	100	100	100	100	100	100
IE	4 209 019	93	57	93	57	93	93	93	93	93
IT	58 751 711	61	36	69	45	60	25	44	59	61
LT	3 403 284	100	100	100	100	100	100	100	100	100
LU	469 086	82	32	82	32	50	82	25	0	0
LV	2 294 590	100	100	100	100	100	100	100	32	100
MT	405 006	68	68	68	68	68	0	68	68	97
NL	16 334 210	97	97	97	37	97	97	97	97	97
PL	38 157 055	101	67	101	67	101	101	101	101	101
PT	10 569 592	95	95	95	95	95	93	87	48	95
RO	21 610 213	15	15	15	15	15	15	15	15	15
SE	9 047 752	99	99	99	99	99	99	99	99	99
SI	2 003 358	104	104	103	103	98	98	98	98	98
SK	5 389 180	100	100	100	100	100	100	100	100	87
EU27	**492 975 207**	**88**	**58**	**90**	**58**	**88**	**74**	**79**	**80**	**85**
IS	299 891	64	64	64	0	102	64	64	64	102
NO	4 640 219	55	55	97	0	97	0	97	76	93

Table 21: Total population area covered by zones, in % of total population, 2006

Chapter 3

MS	SO_2 health Hr		SO_2 health Day		SO_2 eco Yr		SO_2 eco Wntr		NO_2 Hr			NO_2 Yr			NO_x	
	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑mot	lv-mot	↓lv	↑mot	lv-mot	↓lv	↑lv	↓lv
AT	0	11	0	11	0	8	0	8	0	2	9	7	2	2	1	7
BE	0	12	0	12	0	0	0	0	1	0	10	1	3	7	0	0
BG	1	5	3	3	0	1	0	1	1	2	3	1	1	4	0	1
CY	0	1	0	1	0	1	0	1	0	0	1	0	0	1	0	1
CZ	0	15	2	13	0	15	0	15	0	1	14	3	3	9	0	15
DE	0	74	0	74	0	15	0	15	2	4	74	35	8	37	0	15
DK	0	3	0	3	0	3	0	3	0	0	9	1	2	6	0	5
EE	0	4	0	4	0	4	0	4	0	0	4	0	0	4	1	3
ES	4	125	3	126	1	26	1	26	3	2	123	9	8	111	0	26
FI	0	14	0	14	0	1	0	1	0	0	14	1	0	13	0	1
FR	4	69	5	68	0	43	0	42	2	5	66	13	8	51	1	33
GB	1	43	1	43	0	15	0	15	1	0	43	38	2	4	0	15
GR	0	3	0	3	0	0	0	0	0	1	2	1	1	1	0	0
HU	0	11	0	11	0	0	0	0	0	1	10	2	1	8	0	0
IE	0	4	0	4	0	1	0	1	0	0	4	0	0	4	0	1
IT	2	80	2	80	0	22	0	14	5	11	82	35	16	47	6	10
LT	0	3	0	3	0	1	0	1	0	1	2	0	0	3	0	1
LU	0	3	0	3	0	1	0	1	0	0	3	1	0	2	0	1
LV	0	2	0	2	0	2	0	2	0	0	2	0	1	1	1	1
MT	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0
NL	0	9	0	9	0	1	0	1	0	2	7	9	0	0	0	1
PL	2	238	14	348	0	314	0	0	1	0	239	4	9	349	0	314
PT	0	22	0	22	0	5	0	5	2	0	21	2	1	20	0	6
RO	1	3	0	4	0	1	0	1	1	0	3	0	0	4	0	1
SE	0	6	0	6	0	6	0	6	0	0	6	2	1	3	0	6
SI	2	7	1	8	2	7	2	7	0	0	6	0	0	6	4	2
SK	0	10	0	10	0	3	0	3	0	0	10	0	3	7	0	3
EU27	18	777	31	886	3	496	3	173	20	32	767	165	70	705	14	469
IS	0	1	0	1	0	1	0	1	0	0	1	0	0	1	0	0
NO	0	7	0	7	0	0	0	0	1	0	6	3	1	3	0	0
ALL	18	785	31	894	3	497	3	174	21	32	774	168	71	709	14	469

Table 22: Zone exceedance per Member State and pollutant (SO_2, NO_2 and NO_x)

MS	PM_{10} Day		PM_{10} Yr		Lead Yr		Benzene Yr			CO Yr		Ozone Health			Ozone Vegetation		
	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑mot	lv-mot	↓lv	↑lv	↓lv	↑tv	lto-tv	↓lto	↑tv	lto-tv	↓lto
AT	11	0	3	8	0	11	0	0	11	0	11	11	0	0	8	0	0
BE	10	1	3	8	0	13	0	0	10	0	7	2	7	0	1	8	0
BG	6	0	6	0	1	5	0	0	5	2	4	1	5	0	0	1	0
CY	1	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0
CZ	15	0	9	6	0	15	1	0	14	0	15	15	0	0	15	0	0
DE	36	41	5	72	0	67	0	1	78	0	79	28	35	0	28	18	0
DK	3	6	2	7	0	2	0	0	9	0	9	0	9	0	0	9	0
EE	2	2	0	4	0	4	0	0	3	0	4	2	2	0	2	2	0
ES	61	67	40	88	0	115	0	0	76	0	125	53	52	18	53	45	23
FI	1	13	0	14	0	14	0	0	3	0	14	0	2	0	0	2	0
FR	9	63	1	69	0	42	0	0	51	0	56	44	30	4	31	33	3
GB	31	13	2	42	0	44	0	1	43	0	44	0	44	0	0	42	2
GR	3	0	3	0	0	0	0	1	0	0	3	3	0	1	3	0	1
HU	10	1	4	7	0	11	0	0	11	0	11	4	7	0	0	0	0
IE	0	4	0	4	0	4	0	0	4	0	4	0	1	3	0	0	1
IT	64	22	35	51	0	34	0	4	67	1	87	60	8	3	37	3	1
LT	3	0	0	3	0	3	0	0	3	0	3	1	2	0	0	1	0
LU	0	3	0	3	0	0	0	0	1	0	3	1	2	0	0	1	0
LV	0	2	0	2	0	2	0	0	2	0	1	0	0	2	0	0	2
MT	1	0	0	1	0	0	0	0	1	0	0	2	0	0	1	0	0
NL	9	0	5	4	0	4	0	0	5	0	9	1	8	0	0	7	2
PL	99	244	53	309	0	362	1	7	354	1	361	87	275	0	1	313	0
PT	9	14	4	19	0	1	0	0	15	0	13	13	8	1	4	0	1
RO	3	0	1	2	0	2	0	0	3	1	3	4	0	0	1	0	0
SE	3	3	0	6	0	6	0	0	6	0	6	1	5	0	1	5	0
SI	5	1	2	4	0	6	0	0	6	0	6	5	1	0	5	0	1
SK	10	0	4	6	0	10	0	0	10	0	10	5	4	0	6	1	0
EU27	405	500	183	739	1	778	2	14	792	5	889	344	507	32	198	491	37
IS	1	1	1	1	0	0	0	0	1	0	1	0	0	2	0	0	2
NO	4	3	1	6	0	7	0	0	7	0	7	0	3	1	0	2	2
ALL	410	504	185	746	1	785	2	14	800	5	897	344	510	35	198	493	41

Table 23: Zone exceedance per Member State and pollutant (PM_{10}, Pb, CO, benzene, O_3)

		ag.	non-ag.	Total
SO_2-yr	<lv	46	451	497
	>lv		3	3
SO_2-w	<lv	39	135	174
	>lv		3	3
NOx-y	<lv	24	445	469
	>lv	6	8	14
O_3-v	<lto	23	18	41
	>tv	48	150	198
	lto-tv	85	408	493

Table 24: EU 27 AQ zone status, vegetation 2006

		ag.	non-ag.	Total
SO_2-d	<lv	235	659	894
	>lv	8	23	31
SO_2-h	<lv	238	547	785
	>lv	5	13	18
NO_2-h	<lv	215	559	774
	>mot	18	3	21
	lv-mot	21	11	32
NO_2-y	<lv	103	606	709
	>mot	115	53	168
	lv-mot	36	35	71
PM_{10}-d	<lv	72	432	504
	>lv	176	234	410
PM_{10}-y	<lv	166	580	746
	>lv	81	104	185
Lead	<lv	176	609	785
	>lv	1		1
Benzene	<lv	208	592	800
	>mot	1	1	2
	lv-mot	7	7	14
CO	<lv	243	654	897
	>lv	3	2	5
O_3-h	<lto	18	17	35
	>tv	91	253	344
	lto-tv	127	383	510

Member State	0 pollutants	1 pollutants	2 pollutants	3 pollutants	4 pollutants
AT		12	4	3	
BE	6	8	3		
BG		2	1	2	1
CY			1		
CZ			10	5	
DE	57	37	16	10	
DK	7	2	1		
EE		4			
ES	46	57	33	2	
FI	17		1		
FR	32	34	9	5	1
GB	5	9	29	1	
GR	1		2	1	
HU	1	6	2	2	
IE	4				
IT	23	26	36	20	1
LT		2	1		
LU	1	2			
LV	2				
MT		1			1
NL			8	1	
PL	201	120	37	4	
PT	8	13	4	1	
RO			3		1
SE	3		3		
SI	1	4	4		
SK		5	5		
EU27	415	344	213	57	5
IS	1	1			
NO	3	1	3		
Grand Total	419	346	216	57	5

Table 25: EU27 AQ zone status, health 2006

Table 26: Number of zones with multi-pollutant exceedances per MS, 2006

Maps

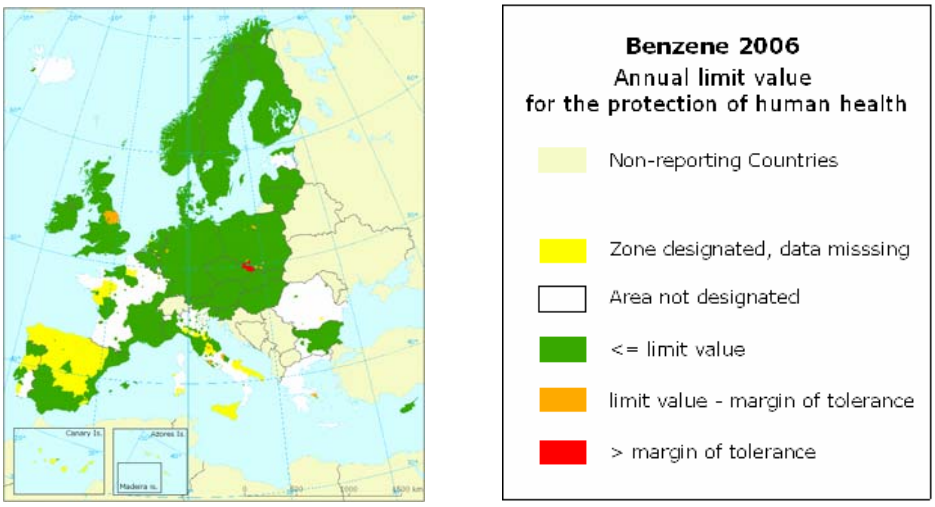


Figure 14: EU27 zone exceedance benzene, 2006

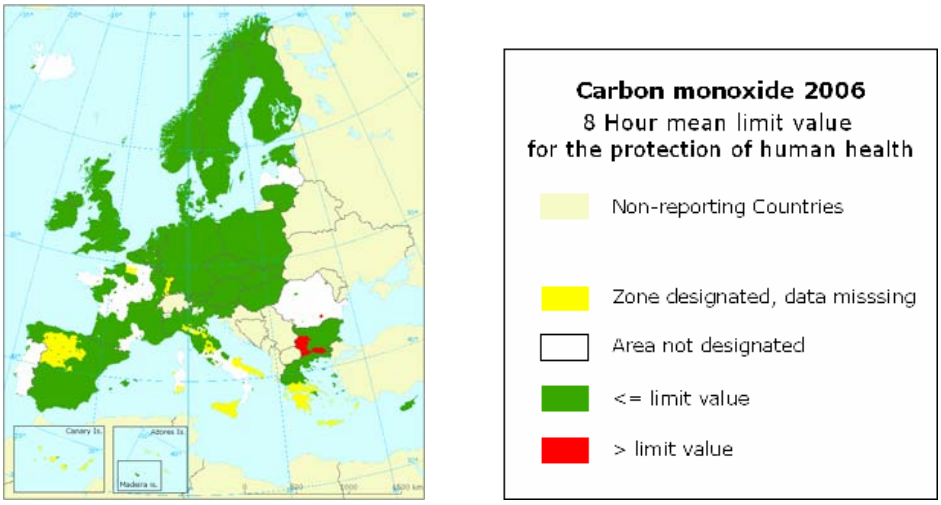


Figure 15: EU27 zone exceedance CO, 2006

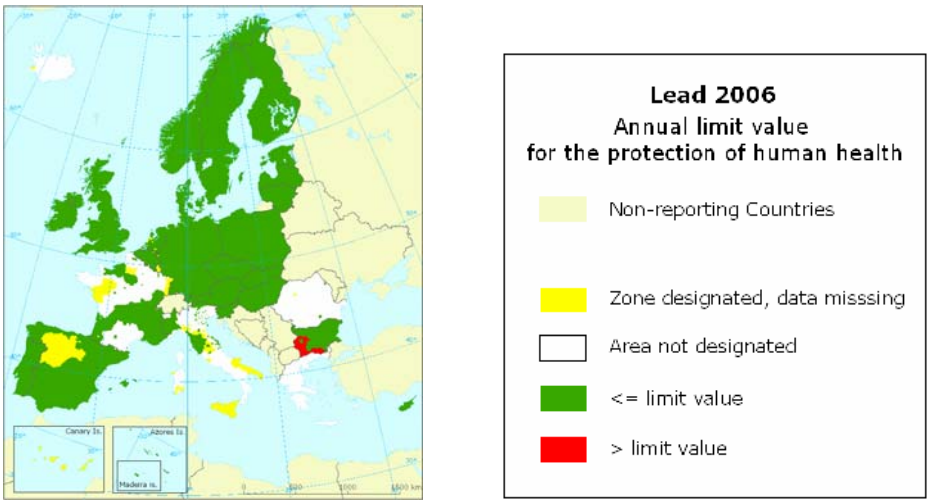


Figure 16: EU27 zone exceedance Pb, 2006

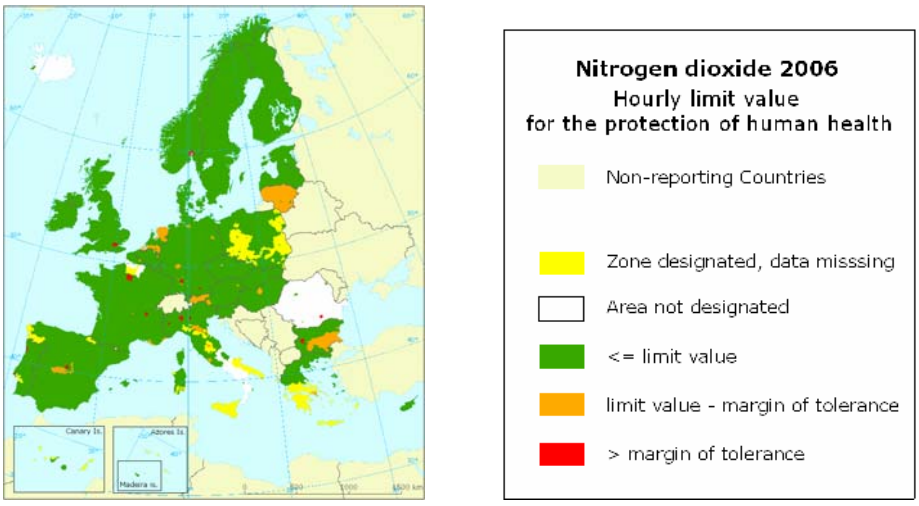


Figure 17: zone exceedance NO_2 hour, 2006

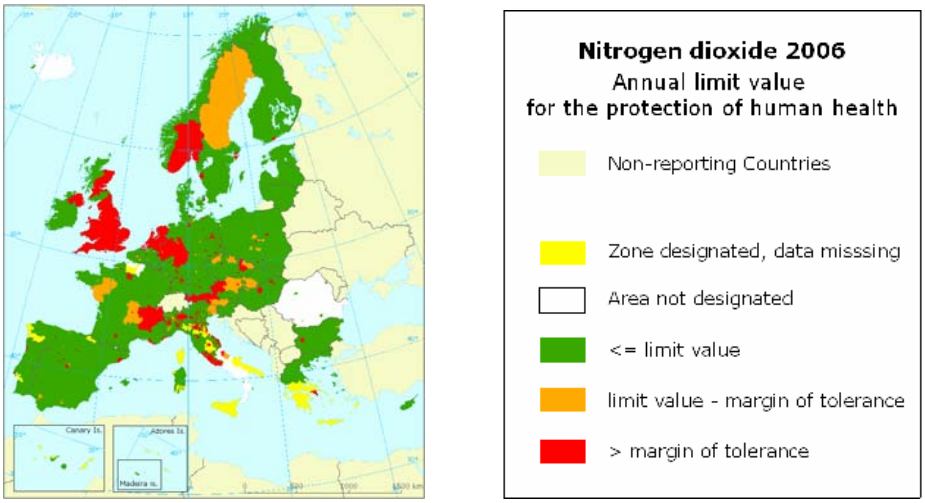


Figure 18: EU27 zone exceedance NO_2 year, 2006

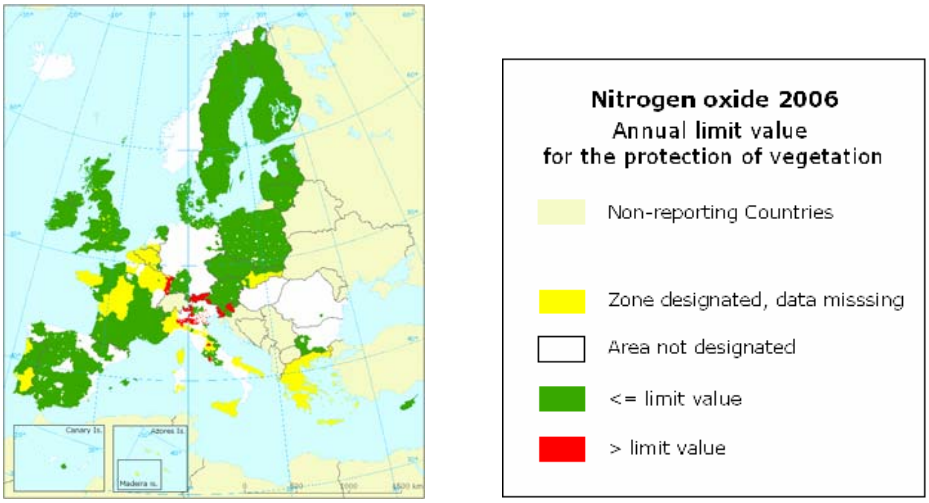


Figure 19: EU27 zone exceedance NO_x year, 2006

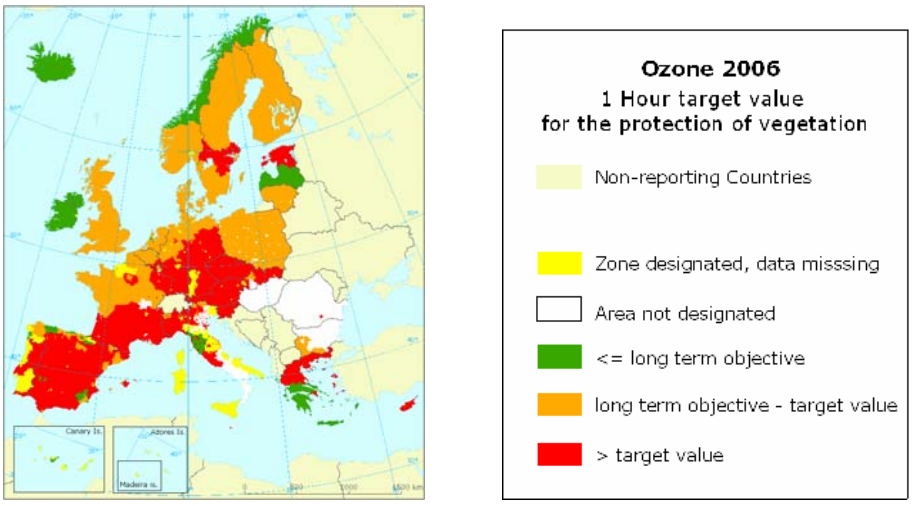


Figure 20: EU27 zone exceedance O_3 vegetation, 2006

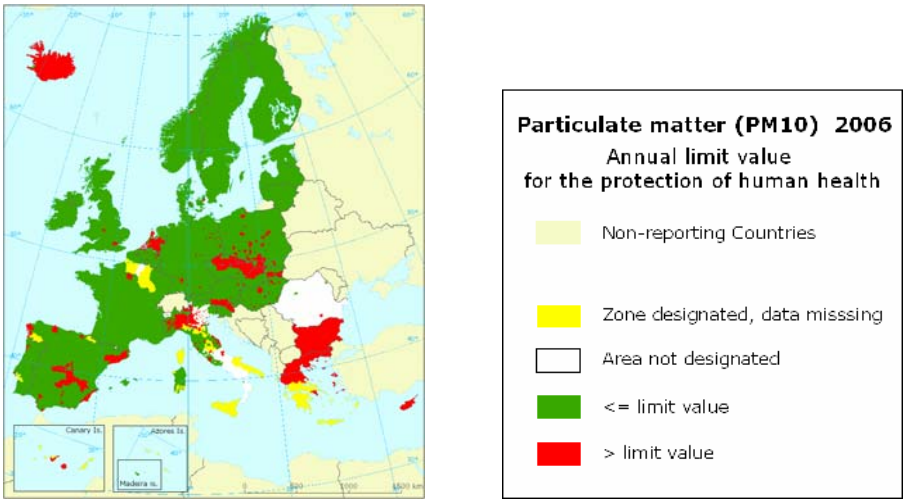


Figure 21: EU27 zone exceedance PM_{10} year, 2006

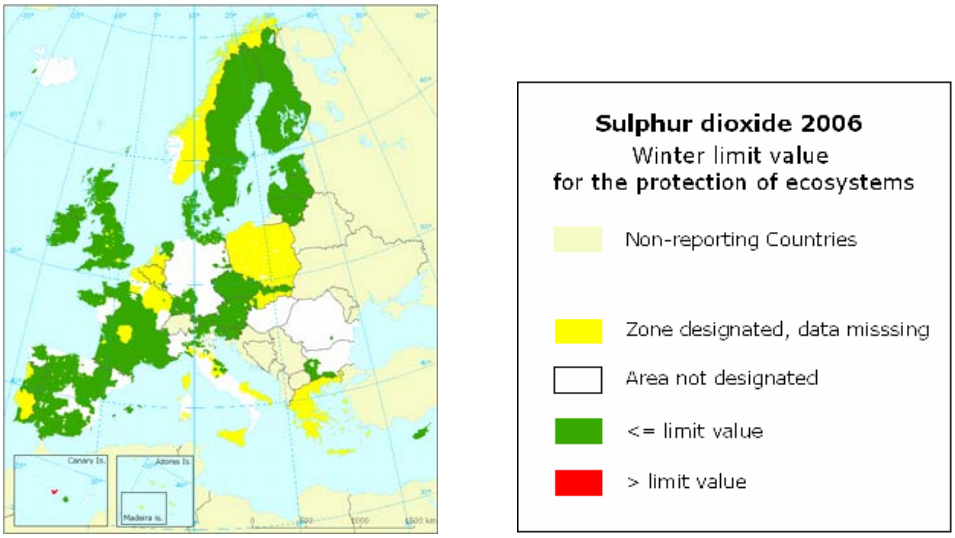


Figure 22: EU27 zone exceedance SO_2 winter, 2006

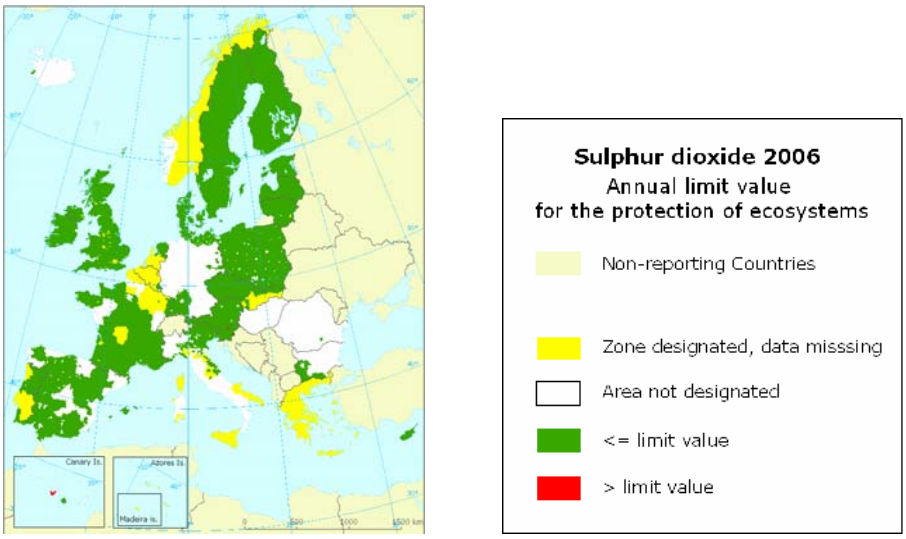


Figure 23: EU27 zone exceedance SO_2 year, 2006

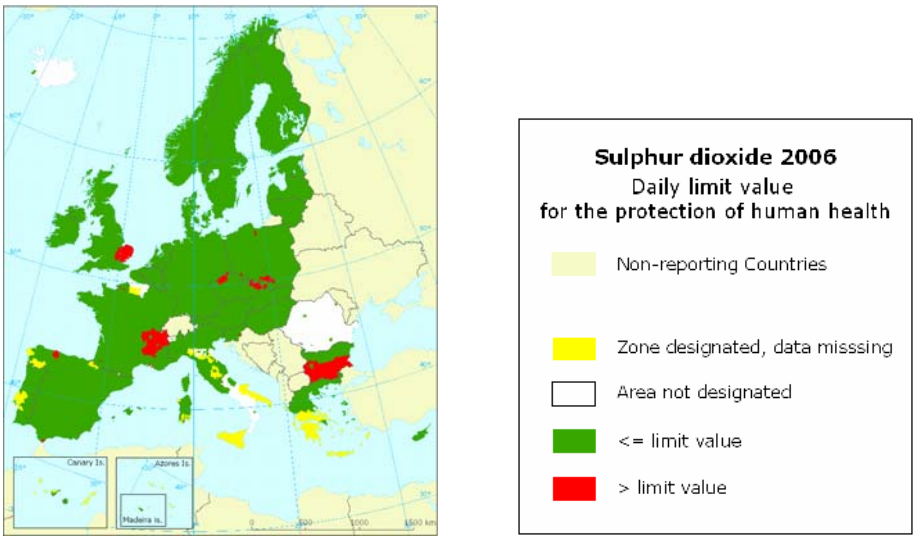


Figure 24: EU27 zone exceedance SO_2 day, 2006

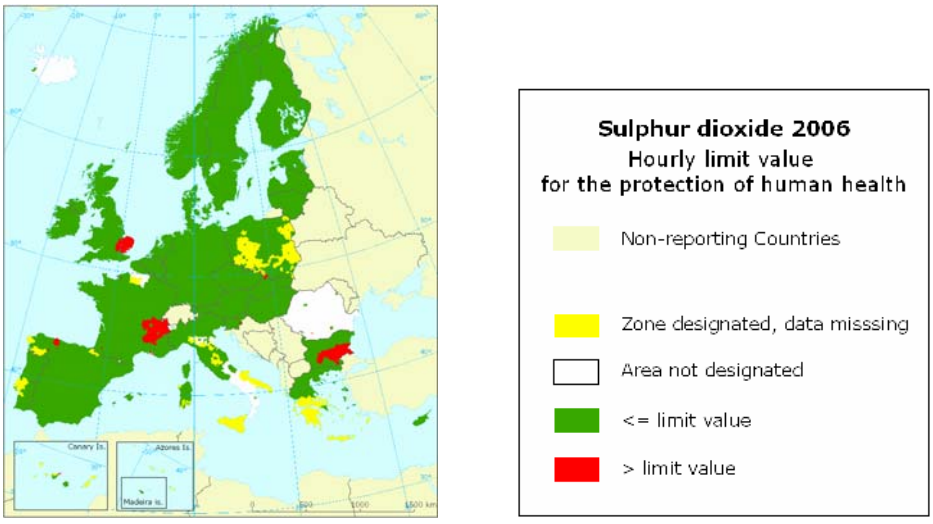


Figure 25: EU27 zone exceedance SO_2 hour, 2006

Chapter 4

MS	Health	Ecosystems (SO2)	Vegetation (NOx)
AT	156	16	17
BE	161	0	0
BG	37	1	1
CY	2	1	1
CZ	155	39	23
DE	0	0	0
DK	9	1	2
EE	11	8	8
ES	478	49	50
FI	33	0	0
FR	499	17	19
GB	191	9	9
GR	27	0	0
HU	26	1	0
IE	21	3	3
IT	411	19	28
LT	16	3	3
LU	6	3	3
LV	9	2	2
MT	4	0	0
NL	51	1	1
PL	0	0	0
PT	45	6	6
RO	23	1	1
SE	43	4	5
SI	0	0	0
SK	26	5	5
EU27	**2440**	**189**	**187**
IS	**3**	**0**	**0**
NO	**14**	**1**	**0**
Grand Total	**2457**	**184**	**181**

MS	All Stations	SO2	SO2-E	NO2	NOx	Lead	Benzene	CO	PM10	PM2.5	O3
AT	**176**	111	15	144	17	15	25	39	111	7	113
BE	**198**	61	0	67	0	46	34	17	47	12	39
BG	**37**	15	1	15	15	19	12	13	37	4	9
CY	**2**	2	1	2	2	2	1	1	2	1	2
CZ	**159**	117	39	121	93	26	27	33	141	29	75
DE	**545**	229	0	463	46	116	150	166	433	37	284
DK	**13**	3	0	12	12	12	1	7	11	3	8
EE	**11**	7	4	7	7	6	3	6	7	0	7
ES	**535**	390	47	407	64	91	82	195	360	68	351
FI	**44**	1	0	15	0	0	0	2	27	7	16
FR	**790**	335	9	482	111	30	106	87	360	55	454
GB	**198**	78	3	114	9	28	46	80	74	2	92
GR	**27**	11	0	23	0	0	1	9	11	2	19
HU	**26**	24	1	24	0	0	13	21	24	3	17
IE	**25**	11	3	12	3	8	4	6	17	1	10
IT	**522**	187	15	361	62	34	100	240	215	23	177
LT	**17**	12	3	15	12	7	4	8	12	0	13
LU	**6**	6	3	6	3	0	2	3	3	1	5
LV	**9**	6	2	7	1	4	4	1	3	0	6
MT	**5**	4	0	4	4	3	3	4	4	2	5
NL	**51**	35	1	44	1	4	8	22	39	0	37
PL	**804**	553	0	576	119	107	198	79	407	7	55
PT	**50**	35	5	40	6	1	8	21	35	15	32
RO	**23**	23	1	23	1	9	7	17	10	2	17
SE	**47**	17	4	30	7	0	12	4	27	8	14
SI	**25**	22	0	11	10	7	7	7	12	3	12
SK	**41**	31	5	28	31	25	11	12	31	4	18
EU 27	**4386**	**2326**	**162**	**3053**	**636**	**600**	**869**	**1100**	**2460**	**296**	**1887**
IS	**5**	1	0	2	0	0	1	1	3	2	3
NO	**22**	1	1	11	2	0	7	0	12	6	9
Grand Tota	**4409**	**2328**	**163**	**3066**	**638**	**600**	**877**	**1101**	**2475**	**304**	**1899**

Table 27: EU27 stations and protection targets, 2006

Table 28: Number of stations per pollutant per MS, 2006

MS	Background					Industrial					Traffic					Unknown total	All Stations
	rural	suburban	unknown	urban	Total	rural	suburban	unknown	urban	Total	rural	suburban	unknown	urban	Total		
AT	51	26	0	26	**103**	15	3	0	4	**22**	8	11	0	32	**51**	0	**176**
BE	41	55	0	11	**107**	8	44	0	4	**56**	0	10	0	22	**32**	3	**198**
BG	1	16	0	16	**33**	0	0	0	0	**0**	0	2	0	2	**4**	0	**37**
CY	1	0	0	0	**1**	0	0	0	0	**0**	0	0	0	1	**1**	0	**2**
CZ	59	33	0	37	**129**	0	0	0	3	**3**	0	1	0	26	**27**	0	**159**
DE	80	87	0	114	**281**	7	25	0	17	**49**	2	9	0	203	**214**	0	**544**
DK	3	0	0	5	**8**	0	0	0	0	**0**	0	0	0	5	**5**	0	**13**
EE	3	0	0	1	**4**	0	0	0	2	**2**	0	0	0	2	**2**	0	**8**
ES	67	59	0	52	**178**	75	91	0	42	**208**	2	25	0	120	**147**	1	**534**
FI	10	3	0	6	**19**	1	0	0	0	**1**	0	3	0	21	**24**	0	**44**
FR	86	184	30	201	**501**	27	73	3	20	**123**	4	21	0	47	**72**	12	**708**
GB	33	10	0	97	**140**	0	2	0	14	**16**	1	0	0	41	**42**	0	**198**
GR	1	7	0	3	**11**	0	1	0	3	**4**	0	1	0	11	**12**	0	**27**
HU	3	7	0	5	**15**	1	0	0	2	**3**	0	0	0	8	**8**	0	**26**
IE	7	9	0	0	**16**	2	0	0	0	**2**	0	4	0	3	**7**	0	**25**
IT	54	57	0	90	**201**	2	54	0	11	**67**	0	10	2	146	**158**	5	**431**
LT	4	0	0	4	**8**	0	0	0	2	**2**	0	0	0	7	**7**	0	**17**
LU	3	0	0	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	2	**5**
LV	2	0	0	5	**7**	0	0	0	0	**0**	0	0	0	2	**2**	0	**9**
MT	0	1	0	1	**2**	0	0	0	1	**1**	0	0	0	2	**2**	0	**5**
NL	20	7	0	7	**34**	0	0	0	0	**0**	1	1	0	15	**17**	0	**51**
PL	24	5	0	162	**191**	3	1	0	5	**9**	0	0	0	14	**14**	0	**214**
PT	8	8	0	16	**32**	1	2	0	1	**4**	0	1	0	13	**14**	0	**50**
RO	2	3	0	6	**11**	0	1	0	5	**6**	0	0	0	6	**6**	0	**23**
SE	8	1	0	25	**34**	0	0	0	0	**0**	0	1	0	10	**11**	0	**45**
SI	5	4	0	5	**14**	7	2	0	0	**9**	0	0	0	2	**2**	0	**25**
SK	13	2	0	19	**34**	0	1	0	0	**1**	0	0	0	6	**6**	0	**41**
EU 27	**589**	**584**	**30**	**914**	**2117**	**149**	**300**	**3**	**136**	**588**	**18**	**100**	**2**	**767**	**887**	**23**	**3615**
IS	**1**	0	0	1	**2**	0	0	0	0	0	0	1	0	2	**3**	0	**5**
NO	**9**	1	0	3	**13**	0	0	0	0	0	0	0	0	8	**8**	0	**21**
Grand Total	**599**	**585**	**30**	**918**	**2132**	**149**	**300**	**3**	**136**	**588**	**18**	**101**	**2**	**777**	**898**	**23**	**3641**

Table 29: Number of stations per type, location and MS, 2006

MS	All Stations		SO2		NO2		NOx		Lead		Benzene		CO		PM10		PM2.5		O3	
	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase	Quest	Airbase
AT	176	176	111	111	144	144	17	17	15	15	25	25	39	39	111	111	7	7	113	113
BE	198	198	61	61	67	67			46	46	34	34	17	17	47	47	12	12	39	39
BG	37	37	15	15	15	15	15	15	19	19	12	12	13	13	37	37	4	4	9	9
CY	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	2
CZ	159	159	117	117	121	121	93	93	26	26	27	27	33	33	141	141	29	29	75	57
DE	545	544	229	229	463	463	46	46	116	116	150	150	166	166	433	433	37	37	284	284
DK	13	13	3	3	12	12	12	12	12	12	1	1	7	7	11	11	3	3	8	8
EE	11	8	7	7	7	7	7	7	6	4	3	1	6	5	7	5			7	7
ES	535	535	390	390	407	407	64	64	91	91	82	82	195	195	360	360	68	68	351	352
FI	44	44	1	1	15	15			0		0	103	2	2	27	27	7	7	16	16
FR	790	743	335	333	482	476	111	107	30	27	106		87	85	360	353	55	55	454	441
GB	198	198	78	78	114	114	9	9	28	28	46	46	80	80	74	74	2	2	92	92
GR	27	27	11	11	23	23			0		1	1	9	9	11	11	2	2	19	19
HU	26	26	24	24	24	24			0		13	13	21	21	24	24	3	3	17	17
IE	25	25	11	11	12	12	3	3	8	8	4	4	6	6	17	17	1	1	10	10
IT	522	433	187	151	361	287	62	56	34	24	100	92	240	184	215	182	23	21	177	159
LT	17	17	12	12	15	15	12	12	7	7	4	4	8	8	12	12			13	13
LU	6	5	6	5	6	5	3	3	0		2	2	3	2	3	2	1		5	4
LV	9	9	6	6	7	7	1	1	4	4	4	4	1	1	3	3			6	6
MT	5	5	4	4	4	4	4	4	3	3	3	3	4	4	4	4	2	2	5	5
NL	51	51	35	35	44	44	1	1	4	4	8	8	22	22	39	39			37	37
PL	804	214	553	156	576	155	119	62	107	60	198	53	79	56	407	175	7	5	55	54
PT	50	50	35	35	40	40	6	6	1	1	8	8	21	21	35	35	15	15	32	32
RO	23	23	23	23	23	23	1	1	9	9	7	7	17	17	10	10	2	2	17	17
SE	47	45	17	17	30	30	7	7	0		12	12	4	4	27	27	8	8	14	13
SI	25	25	22	22	11	11	10	10	7	7	7	7	7	7	12	12	3	3	12	12
SK	41	41	31	31	28	28	31	31	25	25	11	11	12	12	31	31	4	4	18	18
EU27	4386	3653	2326	1890	3053	2551	636	569	600	538	869	711	1100	1017	2460	2185	296	291	1887	1836
IS	5	5	1	1	2	2			0		1	1	1	1	3	3	2	2	3	3
NO	22	21	1	1	11	11	2	2	0		7	7	0		12	11	6	5	9	9
Grand Total	4409	3679	2328	1892	3066	2564	638	571	600	538	877	719	1101	1018	2475	2199	304	298	1899	1848

Table 30: Reporting stations in the Questionnaire and corresponding Airbase match, 2006

Assesment regime	Nr. of zones[1]	SO_2 health	NO_2 health	PM_{10}	Lead	Benzene	CO
> UAT	Total	45	241	453	5	39	15
	Too few stations	5	47	97	0	19	5
	Modelled	3	7	22	1	5	1
>LAT <UAT	Total	28	75	27	7	98	15
	Too few stations	6	2	0	0	13	0
	Modelled	7	3	11	0	23	0
Aggls & < LAT	Total	165	21	na	na	na	na
	Too few stations	0	0	na	na	na	na
	Modelled	8	0	na	na	na	na

Table 31: Zones with too few stations reported, per assessment regime, 2006

MS	SO2 health	NO2 health	PM10	Lead	Benzene	CO	O3
AT							
BE			1				
BG	4	2				5	3
CY		1	1				
CZ							1
DE	n.a	n.a	n.a	n.a	n.a	n.a	n.a
DK		1	3		1		2
EE							1
ES		3	15				7
FI							
FR			10	1	5		1
GB	7	32	39		14		21
GR		1	1		1		1
HU			1				1
IE							
IT		5	12		4		3
LT		1	1		1		
LU							
LV			1				1
MT							
NL		1	3				
PL	n.a	n.a	n.a	n.a	n.a	n.a	n.a
PT	n.a	n.a	n.a	n.a	n.a	n.a	n.a
RO			2				
SE		1	2		3		4
SI			3				
SK		1	1		2		2
EU27	11	49	96	1	31	5	48
IS	0	0	0	0	0	0	0
NO	0	1	1	1	1	1	1
Grand Total	11	50	97	2	32	6	49

Table 32: Zones per MS and pollutant with 'missing' stations, 2006

PM_{10}

MS	Beta absorption	Gravimetric	Oscillating microbalance	Other or unspecified	Total
AT	18	40	53	0	111
BE	29	0	18	0	47
BG	12	25	0	0	37
CY	0	0	2	0	2
CZ	83	57	1	0	141
DE	239	179	77	0	495
DK	0	10	3	0	13
EE	4	0	0	0	4
ES	175	103	72	10	360
FI	10	0	17	0	27
FR	57	0	303	0	360
GB	0	9	65	0	74
GR	11	0	0	0	11
HU	23	0	1	0	24
IE	0	12	5	0	17
IT	124	40	37	15	216
LT	12	0	0	0	12
LU	0	0	0	0	0
LV	3	0	0	0	3
MT	0	0	0	0	0
NL	39	0	0	0	39
PL	106	151	0	150	407
PT	35	0	0	0	35
RO	0	10	0	0	10
SE	1	12	14	0	27
SI	0	1	10	0	11
SK	5	3	23	0	31
EU27	986	652	701	175	2514
IS	0	0	0	0	0
NO	3	0	9	0	12
Total	989	652	710	175	2526

$PM_{2.5}$

MS	Beta absorption	Gravimetric	Oscillating microbalance	Other or unspecified	Total
AT	0	7	0	0	7
BE	5	0	7	0	12
BG	0	4	0	0	4
CY	0	1	0	0	1
CZ	24	5	0	0	29
DE	6	26	5	0	37
DK	0	0	3	0	3
EE	0	0	0	0	0
ES	13	41	7	7	68
FI	5	0	2	0	7
FR	0	0	55	0	55
GB	0	1	1	0	2
GR	2	0	0	0	2
HU	3	0	0	0	3
IE	0	1	0	0	1
IT	12	6	5	0	23
LT	0	0	0	0	0
LU	0	0	0	0	0
LV	0	0	0	0	0
MT	0	0	0	0	0
NL	0	0	0	0	0
PL	1	6	0	0	7
PT	15	0	0	0	15
RO	0	2	0	0	2
SE	0	1	7	0	8
SI	0	3	0	0	3
SK	2	0	2	0	4
EU 27	88	104	94	7	293
IS	0	0	0	0	0
NO	0	0	6	0	6
Total	88	104	100	7	299

Table 33: Measurement methods PM_{10} and $PM_{2.5}$ per MS, 2006

PM_{10}

Member State	CF>1	CF=1	CF<1	CF Variable	CF Other	CF reporting stations	Total PM10 stations
AT	47	1	0	8	0	56	111
BE	38	0	0	0	8	46	47
BG	12	0	0	0	0	12	37
CY	0	0	0	0	0	0	2
CZ	0	0	0	0	0	0	141
DE	208	122	3	93	6	432	433
DK	1	8	0	2	0	11	11
EE	4	0	0	0	3	7	7
ES	110	117	33	3	0	263	360
FI	7	20	0	0	0	27	27
FR	0	360	0	0	0	360	360
GB	64	10	0	0	0	74	74
GR	0	0	0	0	0	0	11
HU	11	13	0	0	0	24	24
IE	5	12	0	0	0	17	17
IT	0	10	0	0	25	35	215
LT	0	0	0	0	13	13	12
LU	3	0	0	0	0	3	3
LV	0	3	0	0	0	3	3
MT	0	4	0	0	0	4	4
NL	39	0	0	0	0	39	39
PL	0	0	0	0	0	0	407
PT	35	0	0	0	0	35	35
RO	0	0	0	0	0	0	10
SE	14	13	0	0	0	27	27
SI	1	0	0	10	0	11	12
SK	7	0	0	0	0	7	31
EU27	606	693	36	116	55	1506	2460
IS	0	0	0	0	0	0	3
NO	0	0	0	0	0	0	12
Grand Total	606	693	36	116	55	1506	2475

$PM_{2.5}$

Member State	CF>1	CF=1	CF<1	CF Variable	CF Other	CF reporting stations	Total PM2.5 stations
AT	0	0	0	0	0	0	7
BE	0	0	0	0	12	12	12
BG	0	0	0	0	0	0	4
CY	0	0	0	0	0	0	1
CZ	0	0	0	0	0	0	29
DE	8	19	0	2	1	30	37
DK	0	3	0	0	0	3	3
EE	0	0	0	0	0	0	0
ES	3	7	3	0	5	18	68
FI	2	5	0	0	0	7	7
FR	0	55	0	0	0	55	55
GB	0	7	0	0	0	7	2
GR	0	0	0	0	0	0	2
HU	2	1	0	0	0	3	3
IE	0	0	0	0	0	0	1
IT	0	0	0	0	0	0	23
LT	0	0	0	0	0	0	0
LU	0	0	0	0	0	0	1
LV	0	0	0	0	0	0	0
MT	0	2	0	0	0	2	2
NL	0	0	0	0	0	0	0
PL	0	0	0	0	0	0	7
PT	0	0	0	0	0	0	15
RO	0	0	0	0	0	0	2
SE	7	0	0	0	0	7	8
SI	0	0	0	0	0	0	3
SK	0	0	0	0	0	0	4
EU27	22	99	3	2	18	144	296
IS	0	0	0	0	0	0	2
NO	0	0	0	0	0	0	6
Grand Total	22	99	3	2	18	144	304

Table 34: Stations using non reference-method CF for PM_{10}, $PM_{2.5}$ in 2006

MS	SO_2				NO_2		NO_x	PM_{10}		PM_{10} stage 2		Lead	Benzene	CO	Ozone	
	Hlth hour	Hlth day	Eco year	Eco winter	Hlth hour	Hlth year	Veg year	Day	Year	Day	Year	Year	Year	Year	Hlth	Veg
BE												1				
CZ		2	1	3		2	3									
DE												7		12		
DK							2	3	3	3	3		8	4	2	2
ES	15	15	4	4	9		4	5	5			65	36	55	4	4
FR												2				
GB	5	5	11	11	2	33	7	25	3	14	29	25	10	3	2	9
HU	1	1			1			1	1			11	2	1	1	
IT	11	11	3	3	4			6	6				16	10	6	7
NL					2	7		1	5							
PL	52	36	35		51		35	24	32			30	32	20		
SK	1	1			1			1	1	1	1		3	2	2	
EU27	**85 (10.6%)**	**71 (7.7%)**	**54 (7.2%)**	**21 (5.4%)**	**70 (8.5%)**	**42 (4.4%)**	**51 (6.9%)**	**66 (7.2%)**	**56 (6.0%)**	**18 (8.8%)**	**33 (16.1%)**	**141 (17.9%)**	**107 (13.1%)**	**107 (11.9%)**	**17 (2.0%)**	**22 (2.9%)**

Table 35: Zones with exceedance status determined by modelling in 2006

MS	SO2	NO2	PM10	Lead	Benzene	CO	O3
DK		2 (2)	2 (6)		2 (2)	2 (5)	
FR	6 (75)	9 (75)	6 (78)	21(47)	22 (51)	7 (61)	6 (19)
GB	43 (43)	43 (43)	43 (43)	43 (43)	43 (43)	43 (43)	42 (42)
GR				4 (4)	3 (4)		
IT				1 (64)	3 (75)	1 (85)	
EU27	**49 (848)**	**54 (868)**	**51 (659)**	**69(582)**	**73 (783)**	**53 (821)**	**48 (64)**

Table 36: Zones with Supplementary Assessment in 2006.

MS	Number of stations	Averaged annual mean (µg/m³)	Max of annual mean (µg/m³)	Min of annual mean (µg/m³)
AT	6	25	29	21
BE	12	18	24	13
BG	4	31	45	6
CY	2	25	27	23
CZ	24	27	50	14
DE	37	19	32	8
DK	3	13	15	11
EE	n.a.	n.a.	n.a.	n.a.
ES	63	18	30	6
FI	7	9	11	7
FR	56	14	27	10
GB	6	16	21	12
GR	2	20	31	8
HU	3	22	25	21
IE	1	9	9	9
IT	18	27	41	11
LT	n.a.	n.a.	n.a.	n.a.
LU	n.a.	n.a.	n.a.	n.a.
LV	n.a.	n.a.	n.a.	n.a.
MT	2	20	24	16
NL	n.a.	n.a.	n.a.	n.a.
PL	4	27	39	21
PT	15	14	25	3
RO	2	37	43	31
SE	8	14	21	11
SI	n.a.	n.a.	n.a.	n.a.
SK	4	25	33	14
EU27	**279**	**20**	**50**	**3**
IS	**2**	**18**	**27**	**9**
NO	**12**	**14**	**23**	**10**
Grand Total	**293**	**19**	**50**	**3**

Table 37: $PM_{2.5}$ monitoring stations statistics per Member State, 2006

MS	AOTvegetation (ug/m^3.h)				AOT forest (ug/m^3.h)			
	Lowest[1)]	Average	Highest	Nr of stations	Lowest[1)]	Average	Highest	Nr of stations
AT	3952	25137	46609	115	4597	33799	72124	115
BE	10877	20804	30232	39	11397	23434	33172	38
CZ	18926	29638	47930	22	27440	40466	69648	22
DK	8312	13999	18398	7	10712	20215	27980	7
EE	2000	7765	16696	7	3522	12434	27076	7
ES	0	13612	41757	308	53	21383	65537	313
FI	4509	10300	17066	16	5455	16484	26196	16
FR	5684	24543	51199	207	7215	31748	79009	208
GB	244	10145	32811	81	258	12253	45445	81
GR	311	21720	44025	9	698	698	698	1
IE	2280	3627	5790	6	4683	4683	4683	1
IS	295	2360	4424	2	468	10471	20474	2
IT	355	34830	70578	60	5073	51360	118927	45
LT	7254	9864	14373	4	10083	14767	21555	4
LU	16047	23666	28187	4	442	20740	33624	4
NL	5609	15755	34701	37	5552	17279	36989	37
PL	17088	27560	40165	18	27054	39102	59348	17
PT	3932	16214	45960	15	7001	30438	78120	15
SE	2540	9791	20644	14	2607	14131	32846	14
SI	8921	31233	55752	12	11148	44087	85554	12
SK	15044	25019	33118	18	21285	37579	55843	18
EU27	**0**	**19513**	**70578**	**1001**	**53**	**26707**	**118927**	**977**

Table 38: Annual ozone statistics, vegetation and forest, 2006

7 List of tables and figures

7.1: list of tables

7.2: List of figures

List of zones in EU Member States in relation to air quality thresholds

laid down in Council Directives 96/62/EC, 1999/30/EC, 2000/69/EC and 2002/3/EC

Year 2006

ETC/ACC Technical paper 2008/2
June, 2008

E. Vixseboxse, F.A.A.M de Leeuw

Content of this document

This document lists how the air quality in 2006 in zones in Member States related to air quality thresholds laid down in the EU air quality directives. The list is based on the information submitted by the Member States to the European Commission. Resubmissions after 1st of May 2008 or further communication by Member states are not included in the list and in the aggregated tables.

Legislative background

Council Directive 96/62/EC (the Air Quality Framework Directive) requires Member States to divide their territory in zones (Article 2) and to assess the air quality in these zones. Under Article 11.1(b) Member States must annually submit lists of zones in which the levels of one or more pollutants are respectively:

- higher than the limit value plus the margin of tolerance,
- between the limit value and the limit value plus the margin of tolerance,
- below the limit value.

In the case of ozone, Member States should submit lists of zones in which the level of ozone are:

- higher than the target value
- between the target value and the long term objective value
- below the long term objective

Council Decision 2004/461/EC specifies the questionnaire that Member States have to use for submitting this and other information on the air quality.

Council Directive 1999/30/EC (the First Daughter Directive) sets limit values and margins of tolerance for the substances sulphur dioxide (SO2), nitrogen dioxide (NO2), oxides of nitrogen (NOx), particulate matter (PM10) and lead. Council Directive 2000/69/EC (the Second Daughter Directive) sets such thresholds for benzene and carbon monoxide (CO). The third Daughter Directive (2002/3/EC), deals with ground-level ozone, was adopted early in 2002 and sets target values and long term objective values. Under these three directives, air quality data on 2006 had to be reported by the EU27 Member States. Italy and Romania did not cover their total National area in reporting, zones were missing. Norway and Iceland voluntarily submitted the questionnaire but this information is not included in this summary of EU Member States.

Article 11.2(a) of the Framework Directive requires the European Commission to publish annually a list of the agglomeration and non-agglomeration zones In relation to air quality thresholds.

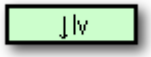
Legend to the list

The list shows the exceedance status for all zones in the EU27 Member States. This list is preceded by two summary tables, which give the total number of zones per exceedance status per Member State.

The list gives for each zone the zone name, the agglomeration status (ag: agglomeration; n: not an agglomeration), the area of the zone in km^2 and the population (number of inhabitants). Where this information has not been submitted, the cell has been left empty.

The compliance status of a zone is indicated as follows:

- Concerning SO_2; NO_2; NO_x; PM_{10}; Lead; Benzene and CO:



Concentrations are everywhere below (or equal to) the *limit value*. This indication refers to all limit values (irrespective of whether they had to be met in 2006).

Concentrations are at one or more locations above the *limit value* that had to be met in 2006.

Concentrations are at one or more locations between the *limit value* and the *limit value plus the margin of tolerance*, but everywhere below *the limit value plus the margin of tolerance*. This limit value did not yet have to be met in 2006.

Concentrations are at one or more locations above the *limit value plus the margin of tolerance*. This indicator refers to limit values that did not yet have to be met in 2006. A plan or programme had to be prepared or implemented and sent to the Commission to ensure that this limit value will be attained in time.

- Concerning ozone concentrations

Concentrations are everywhere below (or equal to) the *long term objective value.*

Concentrations are at one or more locations between the *long term objective value* and the *target value*, but everywhere below the *long term objective value plus the target value*.

Concentrations are at one or more locations above the *target value* that had to be met in 2006.

In addition to this, there are two more indications in the list:

A dash indicates that the zone had not been designated for this pollutant or this type of limit value.


An empty cell indicates that the information is missing.

[SS] = an area in the immediate vicinity of a specific source (SS - Lead)

The names of the 27 EU Member States have been abbreviated as follows:
AT: Austria; BE: Belgium; BG: Bulgaria; CY: Cyprus; CZ: Czech Republic; DE: Germany; DK: Denmark; EE: Estonia; EL: Greece; ES: Spain; FI: Finland; FR: France; HU: Hungary; IE: Ireland; IT: Italy; LT: Lithuania; LU: Luxembourg; LV: Latvia; MT: Malta; NL: Netherlands; PL: Poland; PT: Portugal; RO: Romania; SE: Sweden; SI: Slovenia; SK: Slovakia; UK: United Kingdom. Additional reporting countries are: IS: Iceland and NO: Norway.

The list refers to the following limit values:

Abbreviation in the list	Limit value			Had the limit value to be met in 2006?	Had the limit value a margin of tolerance?
	Pollutant	Protection target	Averaging time		
SO_2 health Hr	Sulphur dioxide	Health	Hour	Yes	No
SO_2 health Day	Sulphur dioxide	Health	Day	Yes	No
SO_2 eco Yr	Sulphur dioxide	Ecosystems	Year	Yes	No
SO_2 eco Wntr	Sulphur dioxide	Ecosystems	Winter	Yes	No
NO_2 Hr	Nitrogen dioxide	Health	Hour	No (2010)	Yes
NO_2 Yr	Nitrogen dioxide	Health	Year	No (2010)	Yes
NO_x Yr	Nitrogen dioxide	Vegetation	Year	Yes	No
PM_{10} Day	Particulate Matter	Health	Day	Yes	No
PM_{10} Yr	Particulate Matter	Health	Year	Yes	No
Lead Yr	Lead	Health	Year	Yes	No
Lead Yr[1]	Lead	Health	Year	No (2010)	Yes
Benzene Yr	Benzene	Health	Year	No (2010)	Yes
CO 8hr	Carbon monoxide	Health	8 hours	Yes	No
O_3 Day	Ozone	Health	Day	-	-
O_3 3month	Ozone	Vegetation	3 Month	-	-

[1)] Only valid for specific point sources (SS = Specific Sources), of which the Commission must be notified (according to annex IV of the first Daughter Directive); in these cases the intermediate limit value of 1.0 µg/m^3 must be met by 01/01/2010.

Maps of zones

Maps of zones in Member States, as far as available to the Commission, are given in a separate annex, which can be found next to the current document on the Commission's internet site.

Caveat

Not all information has been submitted to the Commission in the correct format. For some zones, interpretation of the data was needed and hence it cannot be excluded that the compliance status is incorrectly indicated. For some zones, the corresponding information on exceedances could not be identified in the report to the Commission, possibly due to a mismatch of zone codes submitted in different forms of the questionnaire.

Reporting of errors or observations

To report errors, inconsistencies or suggestion to the Commission please use the functional mailbox: airinfo@ec.europa.eu

Summary of exceedance status of zones in EU Member States in 2006 with respect to the limit values and limit values plus margin of tolerances for Sulphur dioxide, Nitrogen dioxide and nitrogen oxides.

Table: Number of zones in exceedance 2006, per MS and pollutant (SO2; NO2; NOx)

MS	SO_2 health Hr		SO_2 health Day		SO_2 eco Yr		SO_2 eco Wntr		NO_2 Hr			NO_2 Yr			NO_x	
	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑mot	lv-mot	↓lv	↑mot	lv-mot	↓lv	↑lv	↓lv
AT	0	11	0	11	0	8	0	8	0	2	9	7	2	2	1	7
BE	0	12	0	12	0	0	0	0	1	0	10	1	3	7	0	0
BG	1	5	3	3	0	1	0	1	1	2	3	1	1	4	0	1
CY	0	1	0	1	0	1	0	1	0	0	1	0	0	1	0	1
CZ	0	15	2	13	0	15	0	15	0	1	14	3	3	9	0	15
DE	0	74	0	74	0	15	0	15	2	4	74	35	8	37	0	15
DK	0	3	0	3	0	3	0	3	0	0	9	1	2	6	0	5
EE	0	4	0	4	0	4	0	4	0	0	4	0	0	4	1	3
ES	4	125	3	126	1	26	1	26	3	2	123	9	8	111	0	26
FI	0	14	0	14	0	1	0	1	0	0	14	1	0	13	0	1
FR	4	69	5	68	0	43	0	42	2	5	66	13	8	51	1	33
GB	1	43	1	43	0	15	0	15	1	0	43	38	2	4	0	15
GR	0	3	0	3	0	0	0	0	0	1	2	1	1	1	0	0
HU	0	11	0	11	0	0	0	0	0	1	10	2	1	8	0	0
IE	0	4	0	4	0	1	0	1	0	0	4	0	0	4	0	1
IT	2	80	2	80	0	22	0	14	5	11	82	35	16	47	6	10
LT	0	3	0	3	0	1	0	1	0	1	2	0	0	3	0	1
LU	0	3	0	3	0	1	0	1	0	0	3	1	0	2	0	1
LV	0	2	0	2	0	2	0	2	0	0	2	0	1	1	1	1
MT	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0
NL	0	9	0	9	0	1	0	1	0	2	7	9	0	0	0	1
PL	2	238	14	348	0	314	0	0	1	0	239	4	9	349	0	314
PT	0	22	0	22	0	5	0	5	2	0	21	2	1	20	0	6
RO	1	3	0	4	0	1	0	1	1	0	3	0	0	4	0	1
SE	0	6	0	6	0	6	0	6	0	0	6	2	1	3	0	6
SI	2	7	1	8	2	7	2	7	0	0	6	0	0	6	4	2
SK	0	10	0	10	0	3	0	3	0	0	10	0	3	7	0	3
EU27	**18**	**777**	**31**	**886**	**3**	**496**	**3**	**173**	**20**	**32**	**767**	**165**	**70**	**705**	**14**	**469**

Summary of exceedance status of zones in EU Member States in 2006 with respect to the limit values and limit values plus margin of tolerances

for particulate matter, lead, benzene and carbon monoxide.

Table: Number of zones in exceedance 2006, per MS and pollutant (PM; Lead, Benzene, CO, Ozone)

MS	PM_{10} Day		PM_{10} Yr		Lead Yr		Benzene Yr			CO Yr		Ozone Health			Ozone Vegetation		
	↑lv	↓lv	↑lv	↓lv	↑lv	↓lv	↑mot	lv-mot	↓lv	↑lv	↓lv	↑tv	lto-tv	↓lto	↑tv	lto-tv	↓lto
AT	11	0	3	8	0	11	0	0	11	0	11	11	0	0	8	0	0
BE	10	1	3	8	0	13	0	0	10	0	7	2	7	0	1	8	0
BG	6	0	6	0	1	5	0	0	5	2	4	1	5	0	0	1	0
CY	1	0	1	0	0	1	0	0	1	0	1	1	0	0	1	0	0
CZ	15	0	9	6	0	15	1	0	14	0	15	15	0	0	15	0	0
DE	36	41	5	72	0	67	0	1	78	0	79	28	35	0	28	18	0
DK	3	6	2	7	0	2	0	0	9	0	9	0	9	0	0	9	0
EE	2	2	0	4	0	4	0	0	3	0	4	2	2	0	2	2	0
ES	61	67	40	88	0	115	0	0	76	0	125	53	52	18	53	45	23
FI	1	13	0	14	0	14	0	0	3	0	14	0	2	0	0	2	0
FR	9	63	1	69	0	42	0	0	51	0	56	44	30	4	31	33	3
GB	31	13	2	42	0	44	0	1	43	0	44	0	44	0	0	42	2
GR	3	0	3	0	0	0	0	1	0	0	3	3	0	1	3	0	1
HU	10	1	4	7	0	11	0	0	11	0	11	4	7	0	0	0	0
IE	0	4	0	4	0	4	0	0	4	0	4	0	1	3	0	0	1
IT	64	22	35	51	0	34	0	4	67	1	87	60	8	3	37	3	1
LT	3	0	0	3	0	3	0	0	3	0	3	1	2	0	0	1	0
LU	0	3	0	3	0	0	0	0	1	0	3	1	2	0	0	1	0
LV	0	2	0	2	0	2	0	0	2	0	1	0	0	2	0	0	2
MT	1	0	0	1	0	0	0	0	1	0	0	2	0	0	1	0	0
NL	9	0	5	4	0	4	0	0	5	0	9	1	8	0	0	7	2
PL	99	244	53	309	0	362	1	7	354	1	361	87	275	0	1	313	0
PT	9	14	4	19	0	1	0	0	15	0	13	13	8	1	4	0	1
RO	3	0	1	2	0	2	0	0	3	1	3	4	0	0	1	0	0
SE	3	3	0	6	0	6	0	0	6	0	6	1	5	0	1	5	0
SI	5	1	2	4	0	6	0	0	6	0	6	5	1	0	5	0	1
SK	10	0	4	6	0	10	0	0	10	0	10	5	4	0	6	1	0
EU27	405	500	183	739	1	778	2	14	792	5	889	344	507	32	198	491	37

List of zones in EU Member States in relation to air quality thresholds for 2006.

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
AT	Burgenland	AT_01	nonag	3962	279000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Kärnten	AT_02	nonag	9538	561000	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	>lv	>lv	<lv	<lv	<lv	-	-
AT	Niederösterreich	AT_03	nonag	19185	1550000	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Oberösterreich ohne AG Linz	AT_04	nonag	11717	1113000	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Salzburg	AT_05	nonag	7156	521000	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Steiermark ohne AG Graz	AT_06	nonag	16203	931000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Tirol	AT_07	nonag	12641	675000	<lv	<lv	<lv	<lv	lv-mot	>mot	>lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Vorarlberg	AT_08	nonag	2600	352000	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	-	-
AT	Wien	AT_09	ag	415	1563000	<lv	<lv	-	-	lv-mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	
AT	AG Linz	AT_40	ag	264	269000	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	
AT	AG Graz	AT_60	ag	198	255000	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	
AT	Nordostösterreich ohne AG Wien	AT_O3_1	nonag	21677.16	1754244	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Südostösterreich ohne AG Graz	AT_O3_2	nonag	10572.51	837146	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Oberösterreich und nördliches Salzburg ohne AG Linz	AT_O3_3	nonag	13456.24	1442452	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Pinzgau, Pongau und Steiermark nördlich des Alpenhauptkamms	AT_O3_4	nonag	8441.502	257825	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Nordtirol	AT_O3_5	nonag	10622.87	625552	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Vorarlberg	AT_O3_6	nonag	2600	352000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Kärnten und Osttirol	AT_O3_7	nonag	11557.31	609808	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
AT	Lungau und oberes Murtal	AT_O3_8	nonag	4078.96	130634	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
BE	BRUSSELS	BEB10A	ag	161	950000	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
BE	PORT OF ANTWERP	BEF01A	nonag	252	50000	<lv	<lv			>mot	lv-mot		>lv	<lv	<lv	<lv		lto-tv	lto-tv
BE	ANTWERP	BEF02A	ag	170	530000	<lv	<lv			<lv	lv-mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
BE	PORT OF GHENT	BEF03A	nonag	117	45000	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
BE	GHENT	BEF04A	ag	136	250000	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
BE	CITIES>50000 inhabitants	BEF05A	nonag	786	750000	<lv	<lv			<lv	<lv		>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
BE	FLANDERS	BEF06A	nonag	12126	4370000	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
BE	HOBOKEN	BEF07S	nonag	4	34500	-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
BE	BEERSE	BEF08S	nonag	1.4	250	-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
BE	LOMMEL	BEF09S	nonag	103	31000	<lv	<lv			-	-	-	-	-	-	-	-	-	-
BE	LIEGE	BEW11S	ag	220	410074	<lv	<lv			<lv	<lv		>lv	>lv	<lv	<lv		-	-
BE	ENGIS	BEW12S	nonag	45	14460	<lv	<lv			<lv	<lv		>lv	<lv	<lv	-	-	-	-
BE	CHARLEROI	BEW13S	ag	141	247615	<lv	<lv			<lv	lv-mot		>lv	>lv	<lv	<lv		-	-
BE	WALLONIE	BEW14S	nonag	15545	2667367	<lv	<lv			<lv	<lv		<lv	<lv	<lv	-	-	-	-
BE	WALLONIEII	BEW16S	nonag	16484	2669018	-	-	-	-	-	-	-	-	-	-	<lv	<lv	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
BE	ARDENNE	BEW17S	nonag	7275	637744	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
BE	WALLONIE III	BEW18S	nonag	9569	2688963	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	lto-tv
BG	Sofia	BG0001	ag	1350	1234622	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	>lv	lto-tv	-
BG	Plovdiv	BG0002	ag	1390	446274	<lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
BG	Varna	BG0003	ag	504	341278	<lv	<lv	-	-	lv-mot	lv-mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
BG	North	BG0004	ag	48063	2562901	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
BG	South-West	BG0005	ag	25355	1176784	<lv	>lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	>lv	-	>lv	lto-tv	lto-tv
BG	South-East	BG0006	ag	34371	1959891	>lv	>lv	-	-	lv-mot	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	-
CY	CYPRUS - National Network for Ambient Air Quality Monitoring in Cyprus	CY001A	ag	9251	750000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Jihomoravská	062	nonag	6966	763601	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Praha	CZ010	ag	496	1181610	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Středočeská	CZ020	nonag	11015	1158108	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Jihočeská	CZ031	nonag	10057	627766	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Plzeňská	CZ032	nonag	7561	551528	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Karlovarská	CZ041	nonag	3315	304274	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Ústecká	CZ042	nonag	5335	823173	<lv	>lv	<lv	<lv	<lv	lv-mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Liberecká	CZ051	nonag	3163	429031	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Královéhradecká	CZ052	nonag	4758	548368	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Pardubická	CZ053	nonag	4518	506024	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Vysočina	CZ061	nonag	6796	510767	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
CZ	Brno	CZ0622	ag	230	366757	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Olomoucká	CZ071	nonag	5267	639161	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Zlínská	CZ072	nonag	3963	590142	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
CZ	Moravskoslezská	CZ080	ag	5427	1250769	<lv	>lv	<lv	<lv	<lv	lv-mot	<lv	>lv	>lv	<lv	>mot	<lv	>tv	>tv
DE	Naturpark Märkische Schweiz	DEZAXX0001O	nonag	205	5700	-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Spreewald	DEZAXX0002O	nonag	475	50000	-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Land Brandenburg Ozon	DEZAXX0003S	nonag	29479	2559483	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Orte erhöhter verkehrsbedingter Schadstoffbelastung im Land Brandenburg ab 2005	DEZAXX0006S	nonag	1707	649729	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	-	-
DE	Kleinstädtischer und ländlicher Raum im Land Brandenburg ab 2005	DEZAXX0007S	nonag	27772	1909754	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	-	-
DE	Ballungsraum Berlin	DEZBXX0001A	ag		3348805	<lv	<lv	-	-	lv-mot	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	>tv
DE	Ballungsraum Freiburg	DEZCXX0004A	ag		221274	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	
DE	Ballungsraum Karlsruhe	DEZCXX0005A	ag		324289	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Ballungsraum	DEZCXX0006A	ag		544570	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
	Mannheim/Heidelberg																		
DE	Ballungsraum Stuttgart	DEZCXX0007A	ag		1393258	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
DE	Regierungsbezirk Karlsruhe (ohne Ballungsräume)	DEZCXX0041S	nonag			<lv	<lv	<lv	<lv	-	-	<lv	-	-	<lv	<lv	<lv	>tv	>tv
DE	Regierungsbezirk Freiburg (ohne Ballungsraum)	DEZCXX0042S	nonag			<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Regierungsbezirk Tübingen	DEZCXX0043S	nonag			<lv	<lv	<lv	<lv	-	-	<lv	-	-	<lv	<lv	<lv	>tv	>tv
DE	Regierungsbezirk Tübingen mit NO2-Werten < GW	DEZCXX0048S	nonag			-	-	-	-	<lv	<lv		-	-	-	-	-	-	-
DE	Regierungsbezirk Stuttgart (ohne Ballungsraum)	DEZCXX0063S	nonag			<lv	<lv	<lv	<lv	-	-	<lv	-	-	<lv	<lv	<lv	>tv	>tv
DE	Regierungsbezirk Stuttgart ohne Ballungsraum mit NO2-Werten < GW	DEZCXX0064S	nonag			-	-	-	-	<lv	<lv		-	-	-	-	-	-	-
DE	Regierungsbezirk Karlsruhe (ohne Ballungsräume) mit NO2-Werten < GW	DEZCXX0065S	nonag			-	-	-	-	<lv	<lv		-	-	-	-	-	-	-
DE	Gebiet (ohne Ballungsräume) mit NO2-Werten > GW+TM	DEZCXX0066S	nonag			-	-	-	-	lv-mot	>mot		-	-	-	-	-	-	-
DE	Regierungsbezirk Stuttgart (ohne Ballungsraum) mit PM10-Werten < GW	DEZCXX0067S	nonag			-	-	-	-	-	-	-	<lv	<lv	-	-	-	-	-
DE	Regierungsbezirk Karlsruhe (ohne Ballungsräume) mit PM10-Werten < GW	DEZCXX0068S	nonag			-	-	-	-	-	-	-	<lv	<lv	-	-	-	-	-
DE	Regierungsbezirk Tübingen mit PM10-Werten < GW	DEZCXX0069S	nonag			-	-	-	-	-	-	-	<lv	<lv	-	-	-	-	-
DE	Gebiet (ohne Ballungsräume) mit PM10-Werten > GW	DEZCXX0070S	nonag			-	-	-	-	-	-	-	>lv	>lv	-	-	-	-	-
DE	Ballungsraum München	DEZDXX0001A	ag		1250000	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	>tv
DE	Ballungsraum Augsburg	DEZDXX0002A	ag		260000	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Ballungsraum Nürnberg/Fürth/Erlangen	DEZDXX0003A	ag		700000	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
DE	Oberbayern ohne Ballungsraum München	DEZDXX0010S	nonag		2950000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Niederbayern	DEZDXX0011S	nonag		1200000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Oberpfalz	DEZDXX0012S	nonag		1100000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Oberfranken	DEZDXX0013S	nonag		1100000	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	>tv
DE	Mittelfranken ohne Ballungsraum Nürnberg/Fürth/Erlangen	DEZDXX0014S	nonag		1000000	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	
DE	Unterfranken	DEZDXX0015S	nonag		1350000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Schwaben ohne Ballungsraum Augsburg	DEZDXX0016S	nonag		1500000	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	
DE	Restgebiet Bayern 1 > GW+TM	DEZDXX0021S	nonag		570000	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
DE	Restgebiet Bayern 2	DEZDXX0022S	nonag		9650000	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Ballungsraum Niedersachsen-Bremen	DEZEIX0107A	ag	806	770016	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Bremen (Bremerhaven)	DEZEXX0101S	nonag	79	117281	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Ballungsraum I (Rhein-Main)	DEZFXX0001A	ag		2323566	<lv	<lv	-	-	lv-mot	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	
DE	Ballungsraum II (Kassel)	DEZFXX0002A	ag		298231	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Gebiet I (Südhessen)	DEZFXX0003S	nonag		664041	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Gebiet II (Lahn-Dill-Gebiet)	DEZFXX0004S	nonag		515611	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Gebiet III (Mittel- und Nordhessen)	DEZFXX0005S	nonag		2275850	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Ballungsraum Hamburg	DEZGLX0001A	ag		2083043	<lv	<lv	-	-	lv-mot	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Ballungsraum Rostock	DEZHXX0003A	ag		226500	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Mittlere Städte im Land Mecklenburg-Vorpommern	DEZHXX0004S	nonag		523700	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Ländlicher Raum im Land Mecklenburg-Vorpommern	DEZHXX0005S	nonag		950800	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Ländlicher Hintergrund im Land Mecklenburg-Vorpommern	DEZHXX0006O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Mecklenburg-Vorpommern (ohne Ballungsraum Rostock)	DEZHXX0007S	nonag		1474500	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	lto-tv
DE	Nationalpark Wattenmeer	DEZIXX0021O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Nationalpark Harz	DEZIXX0022O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Niedersachsen-Nord	DEZIXX0101S	nonag	12936	1809405	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Niedersachsen-Mitte	DEZIXX0102S	nonag	22159	2444936	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Niedersachsen-Sued	DEZIXX0103S	nonag	10104	1602659	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Ballungsraum Hannover-Braunschweig	DEZIXX0104A	ag	1762	1551253	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Ballungsraum Osnabrueck	DEZIXX0105A	ag	290	246385	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Ballungsraum Goettingen	DEZIXX0106A	ag	117	122187	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	urbane Bereiche und ländlicher Raum im Land Nordrhein-Westfalen	DEZJXX0001S	nonag		8495332	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
DE	Wuppertal	DEZJXX0002A	ag		811094	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
DE	Münster	DEZJXX0003A	ag		269577	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Köln	DEZJXX0004A	ag		2022706	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Hagen	DEZJXX0005A	ag		303795	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	
DE	Essen	DEZJXX0006A	ag		1878515	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	lv-mot	<lv	lto-tv	lto-tv
DE	Duisburg	DEZJXX0007A	ag		1303553	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Dortmund	DEZJXX0008A	ag		953121	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Düsseldorf	DEZJXX0009A	ag		965759	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
DE	Bielefeld	DEZJXX0010A	ag		326268	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Aachen	DEZJXX0011A	ag		388460	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Stolberg	DEZJXX0012L	ag		58618	-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	Mönchengladbach	DEZJXX0013A	ag		261257	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
DE	Braubach	DEZKXX0001L	nonag			-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	Krautscheid/ Seifen	DEZKXX0002L	nonag			-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	ländliche Gebiete im Land Rheinland-Pfalz	DEZKXX0003L	nonag			-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	Koblenz/Neuwied	DEZKXX0004S	nonag		175105	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	-	<lv	<lv	-	-
DE	Trier	DEZKXX0005S	nonag		100163	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Mainz	DEZKXX0006S	nonag		186061	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	-	-
DE	Worms/Fankenthal/Ludwigshafen	DEZKXX0007S	nonag		292149	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	-	-
DE	Oberrheingraben	DEZKXX0008S	nonag		1096947	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Nord-West Gebiet im Land Rheinland-Pfalz	DEZKXX0009S	nonag		2209418	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Rheinland-Pfalz	DEZKXX0010S	nonag		4061105	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Ballungsraum Kiel	DEZLXX0001A	ag		303919	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	ländlicher Raum im Land Schleswig-Holstein	DEZLXX0001O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	urbane Bereiche und ländlicher Raum im Land Schleswig-Holstein	DEZLXX0001S	nonag		1882218	<lv	<lv	-	-	-	-	-	<lv	<lv	<lv	-	-	lto-tv	lto-tv
DE	Ballungsraum Lübeck	DEZLXX0002A	ag		266477	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	
DE	ländlicher Raum im Land Schleswig-Holstein	DEZLXX0003S	nonag		1157711	-	-	-	-	<lv	<lv	-	-	-	-	<lv	<lv	-	-
DE	Itzehoe	DEZLXX0005S	nonag		34308	-	-	-	-	<lv	>mot	-	-	-	-	<lv	<lv	-	-
DE	Ratzeburg	DEZLXX0006S	nonag		13830	-	-	-	-	<lv	>mot	-	-	-	-	<lv	<lv	-	-
DE	Städte 10-100000 Einwohner ohne Itzehoe und Ratzeburg im Land Schleswig-Holstein	DEZLXX0007S	nonag		676369	-	-	-	-	<lv	lv-mot	-	-	-	-	<lv	<lv	-	-
DE	Ballungsraum Saarbrücken (BSB)	DEZMXX0001A	ag		277337	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Gebiet Dillingen-Saarlouis (UDS)	DEZMXX0002S	nonag		59757	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Rest-Saarland (RS)	DEZMXX0003S	nonag		708024	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Saarland	DEZMXX0004S	nonag		1045118	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Leipzig	DEZNXX0001A	ag		516365	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Dresden	DEZNXX0002A	ag		633496	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
DE	Chemnitz	DEZNXX0003A	ag		259246	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	
DE	Leipziger Umland	DEZNXX0004S	nonag		434043	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Untere Elbe / Lausitz	DEZNXX0005S	nonag		651999	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
DE	Erzgebirge / Vogtland	DEZNXX0006S	nonag		1282355	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	-	-
DE	Nordwestsachsen	DEZNXX0007S	nonag		174240	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Oberlausitzer Heide- und Teichlandschaft	DEZNXX0008S	nonag		247942	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Mittelgebirgskamm	DEZNXX0009S	nonag		226170	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
DE	Ozongebiet Sachsen (ohne Ballungsräume)	DEZNXX0010S	nonag		3016749	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Waldgebiet Oberes Erzgebirge	DEZNXX0011O	nonag		226170	-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Waldgebiete Nordsachsen	DEZNXX0012O	nonag		422182	-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Magdeburg	DEZOXX0001A	ag		262949	<lv	<lv	-	-	<lv	lv-mot	-	>lv	<lv	-	<lv	<lv	lto-tv	
DE	Halle	DEZOXX0002A	ag		237198	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DE	Altmark	DEZOXX0003S	nonag		227307	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Börde	DEZOXX0004S	nonag		325585	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Harz	DEZOXX0005S	nonag		399889	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	<lv	>tv	>tv
DE	Anhalt-Bitterfeld-Wittenberg	DEZOXX0006S	nonag		500776	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	<lv	-	-
DE	Saale-Unstrut	DEZOXX0007S	nonag		516012	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Mansfelder Land	DEZOXX0008L	nonag		100191	-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	Sachsen-Anhalt-Rest	DEZOXX0009L	nonag		2369525	-	-	-	-	-	-	-	-	-	<lv	-	-	-	-
DE	Sachsen-Anhalt-Nord	DEZOXX0010S	nonag		519069	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	>tv
DE	Sachsen-Anhalt-Südost	DEZOXX0011S	nonag		1016788	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
DE	Naturpark Drömling	DEZOXX0012O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Naturpark Harz	DEZOXX0013O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Gebiet Thüringen 3	DEZPXX0003S	nonag		1200517	-	-	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DE	Gebiet Thüringen-Gesamt	DEZPXX0006S	nonag		1200517	<lv	<lv	-	-	-	-	-	-	-	<lv	-	-	>tv	>tv
DE	Gebiet Thüringen Ökosystem/Vegetation	DEZPXX0007O	nonag			-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
DE	Gebiet Thüringen 1	DEZPXX0008S	nonag		473889	-	-	-	-	<lv	lv-mot	-	>lv	>lv	-	<lv	<lv	-	-
DE	Gebiet Thüringen 2	DEZPXX0009S	nonag		670721	-	-	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
DK	Copenhagen	DK0001	ag	629.7353	1211542	<lv	<lv	<lv	<lv	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
DK	Odense	DK0002	ag	305	186595	-	-	-	-	<lv	<lv	-	>lv	>lv	-	<lv	<lv	lto-tv	lto-tv
DK	Århus	DK0003	ag	469.6324	295513	-	-	-	-	<lv	lv-mot	-	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	Aalborg	DK0004	ag	560	163952	<lv	<lv	<lv	<lv	<lv	lv-mot	-	>lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	Zealand	DK0005	nonag	9322	1233279	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	Funen	DK0006	nonag	3230	291752	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	SW Jutland	DK0007	nonag	11901	751263	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	E. Jutland	DK0008	nonag	11261	961674	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	N. Jutland	DK0009	nonag	5634	333929	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
DK	Country	DK0010	nonag	42682	5447084	<lv	<lv	<lv	<lv	-	-		-	-	<lv	-	-	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
EE	Tallinn	EE0010	ag	158	408000	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
EE	Kohtla-Järve	EE0011	ag	41.8	46032	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
EE	Põhja-Eesti	EE0012	nonag	11161.6	314460	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
EE	Lõuna-Eesti	EE0013	nonag	32176.27	623106	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	>tv	>tv
ES	ZONA INDUSTRIAL DE HUELVA	ES0103	nonag	710.75	197889	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	ZONA INDUSTRIAL DE BAHÍA DE ALGECIRAS	ES0104	nonag	583.98	223403	<lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	ZONA INDUSTRIAL DE PUENTE NUEVO	ES0105	nonag	448.04	3109	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv		
ES	ZONA INDUSTRIAL DE BAILÉN	ES0108	nonag	117.81	18362	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv		
ES	ANDALUCIA-NÚCLEOS DE 50.000 A 250.000 HABITANTES	ES0109	nonag	1777.77	811152	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	CÓRDOBA	ES0111	ag	141.03	322867	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	ANDALUCIA-ZONAS RURALES	ES0115	nonag	80838.91	3338184	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	ZONA INDUSTRIAL DE CARBONERAS	ES0116	nonag	695.88	33578	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	>tv
ES	BAHÍA DE CÁDIZ	ES0117	ag	399.33	345560	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
ES	GRANADA Y ÁREA METROPOLITANA	ES0118	ag	559.32	436028	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	MÁLAGA Y COSTA DEL SOL	ES0119	ag	1239.29	1095758	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	SEVILLA Y ÁREA METROPOLITANA	ES0120	ag	1390.47	1149782	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	COMUNIDAD DE ARAGÓN PIRINEOS	ES0201	nonag	16932.24	199800	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	>tv	>tv
ES	VALLE DEL EBRO	ES0202	nonag	10488.67	177125	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	<lv		<lv	>tv	>tv
ES	BAJO ARAGÓN	ES0203	nonag	4417.16	57959	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	>tv	>tv
ES	CORDILLERA IBÉRICA	ES0204	nonag	15725.66	142530	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	>tv	>tv
ES	ZARAGOZA	ES0205	ag	166	626801	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv		<lv	<lto	<lto
ES	OCCIDENTAL	ES0301	nonag	4596.5	99987	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	lto-tv	<lto
ES	CENTRAL	ES0302	nonag	3052.36	622024	>lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv		<lv	lto-tv	<lto
ES	ORIENTAL	ES0303	nonag	2773.04	80413	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	GIJÓN	ES0304	ag	181.6	274472	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	<lto	<lto
ES	PALMA	ES0401	ag	74	362203	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	SIERRA DE TRAMUNTANA	ES0402	nonag	740	52482	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	MENORCA-MAÓ-ES CASTELL	ES0409	nonag	47	36623	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lto	lto-tv
ES	RESTO MENORCA	ES0410	nonag	650	51811	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lto	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
ES	EIVISSA	ES0411	ag	11	42884	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	RESTO EIVISSA-FORMENTERA	ES0412	nonag	643	78981	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	RESTO MALLORCA	ES0413	nonag	2827	376078	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
ES	LAS PALMAS DE GRAN CANARIA	ES0501	ag	100.55	377056	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv			<lv	<lto	<lto
ES	CENTRO ISLA DE GRAN CANARIA	ES0502	ag	614.91	321270	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv					
ES	SUR-OESTE ISLA DE GRAN CANARIA	ES0503	nonag	844.65	82130	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv					
ES	FUERTEVENTURA-LANZAROTE	ES0504	nonag	2505.67	217137			-	-			-							
ES	STA. CRUZ DE TENERIFE-LA LAGUNA	ES0505	ag	252.62	365309	>lv	<lv	-	-	<lv	<lv	-	>lv	>lv		<lv	<lv	lto-tv	<lto
ES	NORTE ISLA DE TENERIFE	ES0506	ag	758.91	255171			-	-			-							
ES	SUR ISLA DE TENERIFE	ES0507	nonag	1022.83	232465	<lv	<lv	>lv	>lv	<lv	<lv	-	>lv	>lv				<lto	<lto
ES	LA GOMERA, EL HIERRO Y LA PALMA	ES0508	nonag	1346.67	118702			-	-			-							
ES	BAHÍA DE SANTANDER	ES0601	ag	50	234047	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	
ES	COMARCA DE TORRELAVEGA	ES0602	nonag	185.676	81168	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv		<lv	lto-tv	
ES	CANTABRIA ZONA LITORAL	ES0603	nonag	1463.462	190365	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	lto-tv	<lto
ES	CANTABRIA ZONA INTERIOR	ES0604	nonag	3492.831	62511	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	COMARCA DE PUERTOLLANO	ES0705	nonag	3305	72513	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	CASTILLA LA MANCHA - ZONAS INDUSTRIALES Y DENSAMENTE POBLADAS	ES0706	nonag	9534	608754	<lv	<lv	-	-	lv-mot	<lv	-	>lv	>lv	<lv		<lv	>tv	>tv
ES	LA MANCHA	ES0707	nonag	21025	827681	<lv	<lv	-	-	<lv	<lv	<lv	>lv	>lv	<lv		<lv	>tv	>tv
ES	CASTILLA LA MANCHA - SIERRAS Y ZONAS RURALES.	ES0708	nonag	45560	573206	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	>tv	>tv
ES	BURGOS	ES0801	ag	22.4	161984	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv			<lv	>tv	>tv
ES	LEÓN Y SAN ÁNDRES DEL RABANEDO	ES0802	ag	19	163296	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv		<lv	<lv	lto-tv	lto-tv
ES	SALAMANCA Y SANTA MARTA DE TORMES	ES0803	ag	19	168341	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv		<lv	<lv	lto-tv	lto-tv
ES	VALLADOLID-LAGUNA DE DUERO	ES0804	ag	47	360000	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv		<lv	<lv	>tv	>tv
ES	ARANDA DE DUERO	ES0805	nonag	8.3	29641	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv			<lv	lto-tv	lto-tv
ES	MIRANDA DE EBRO	ES0806	nonag	5.2	35397	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv				lto-tv	lto-tv
ES	ANLLARES	ES0807	nonag	530	11209	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv					

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
ES	PONFERRADA	ES0808	nonag	10	61469	>lv	<lv	-	-	<lv	<lv	-	<lv	<lv			<lv	>tv	lto-tv
ES	LA ROBLA	ES0809	nonag	2	3862	>lv	>lv	-	-	<lv	<lv	-	>lv	<lv				lto-tv	lto-tv
ES	VELILLA DEL RÍO CARRIÓN Y GUARDO	ES0810	nonag	4	10665	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv				lto-tv	lto-tv
ES	ÁREA DE PALENCIA	ES0811	nonag	25	90646	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv		<lv	<lv	lto-tv	>tv
ES	RESTO DEL TERRITORIO II	ES0813	nonag	93500	1400000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv				>tv	>tv
ES	ÁREA DE NÚCLEOS MEDIANOS	ES0814	nonag	25	230000	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv			<lv	>tv	>tv
ES	ÀREA DE BARCELONA	ES0901	ag	340.82	2817330	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	VALLÈS-BAIX LLOBREGAT	ES0902	ag	1177.04	1302372	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	PENEDÈS - GARRAF	ES0903	nonag	1418.41	413975	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
ES	CAMP DE TARRAGONA	ES0904	nonag	993.54	393888	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	CATALUNYA CENTRAL	ES0905	nonag	2764	269283	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	PLANA DE VIC	ES0906	nonag	806.23	138036	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	MARESME	ES0907	nonag	500.79	485086	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	COMARQUES DE GIRONA	ES0908	nonag	3671.89	368073	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	EMPORDÀ	ES0909	nonag	1345.83	237659	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	ALT LLOBREGAT	ES0910	nonag	2089.96	63632	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	PIRINEU ORIENTAL	ES0911	nonag	2793.54	62192	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	PIRINEU OCCIDENTAL	ES0912	nonag	2917.88	25349	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	PREPIRINEU	ES0913	nonag	2413.75	21649	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	TERRES DE PONENT	ES0914	nonag	4710.14	339765	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	TERRES DE L'EBRE	ES0915	nonag	3951.43	193326	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
ES	CERVOL-ELS PORTS. ÁREA COSTERA	ES1001	nonag	1213	85250	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
ES	CERVOL-ELS PORTS. ÁREA INTERIOR	ES1002	nonag	1964	16492	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	MIJARES-PEÑAGOLOSA . ÁREA COSTERA	ES1003	nonag	1006	205202	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	MIJARES-PEÑAGOLOSA. ÁREA INTERIOR	ES1004	nonag	1221	10046	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	PALANCIA-JAVALAMBRE. ÁREA COSTERA	ES1005	nonag	436	130381	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	PALANCIA-JAVALAMBRE. ÁREA INTERIOR	ES1006	nonag	966	24085	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	TURIA. ÁREA COSTERA	ES1007	nonag	1087	287458	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	TURIA. ÁREA INTERIOR	ES1008	nonag	2152	43779	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	JUCAR-CABRIEL. ÁREA COSTERA	ES1009	nonag	1250	292774	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	JUCAR-CABRIEL. ÁREA INTERIOR	ES1010	nonag	3950	80551	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
ES	BÉTICA-SERPIS. ÁREA COSTERA	ES1011	nonag	1777	455497	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	BÉTICA-SERPIS. ÁREA INTERIOR	ES1012	nonag	2228	247522	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	SEGURA-VINALOPÓ. ÁREA COSTERA	ES1013	nonag	2177	703218	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	SEGURA-VINALOPO. ÁREA INTERIOR	ES1014	nonag	798	166989	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
ES	CASTELLÓ	ES1015	ag	109	172110	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	L'HORTA	ES1016	ag	393	1344118	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	ALACANT	ES1017	ag	201	322431	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	ELX	ES1018	ag	326	219032	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	<lto	<lto
ES	CÁCERES	ES1101	ag	8.76	79306	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	BADAJOZ	ES1102	ag	13.54	132832	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
ES	NÚCLEOS DE POBLACIÓN DE MÁS DE 20.000 HABITANTES	ES1103	nonag	1967.32	173164	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	<lto	<lto
ES	EXTREMADURA RURAL	ES1104	nonag	39689.2	688079	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	A CORUÑA	ES1201	ag	8	243785	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	<lto	<lto
ES	FERROL	ES1202	ag	6	83048			-	-			-			<lv		<lv		
ES	SANTIAGO	ES1203	ag	4	93672	<lv	<lv	-	-	>mot	<lv	-			<lv		<lv	<lto	<lto
ES	LUGO	ES1204	ag	5	85174	<lv	<lv	-	-	<lv	<lv	-					<lv	<lto	<lto
ES	OURENSE	ES1205	ag	6	107060			-	-	<lv	<lv	-			<lv		<lv	<lto	<lto
ES	PONTEVEDRA	ES1206	ag	4	74287	<lv	<lv	-	-	<lv	<lv	-			<lv		<lv	<lto	<lto
ES	VIGO	ES1207	ag	6	286774	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	<lto	<lto
ES	A (FERROLTERRA-ORTEGAL)	ES1208	nonag	999	102388	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	C (TERRA CHÁ)	ES1210	nonag	10023	310676	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	D (VALDEORRAS)	ES1211	nonag	840	26526			-	-			-	<lv	<lv			<lv		
ES	E (A LÍMIA-MIÑO)	ES1212	nonag	7458	323236			-	-			-			<lv		<lv		
ES	F (SUR DAS RIAS BAIXAS)	ES1213	nonag	1892	363855	<lv	<lv	-	-			-	>lv	>lv	<lv		<lv	lto-tv	<lto
ES	G (FRANJA FISTERRA-SANTIAGO)	ES1214	nonag	3880	327250			-	-			-	>lv	>lv	<lv		<lv		
ES	H (A MARIÑA)	ES1215	nonag	172	16681	<lv	<lv	-	-			-	<lv	<lv	<lv		<lv		
ES	B2 (FRANJA ÓRDES-EUME II)	ES1216	nonag	4137	276146	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	I (ARTEIXO)	ES1217	nonag	94	23175	<lv	<lv	-	-	lv-mot	<lv	-	<lv	<lv	<lv		<lv		
ES	MADRID	ES1301	ag	215.5	3128600	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	COMUNIDAD DE MADRID AEROPUERTO-CORREDOR DEL HENARES	ES1302	ag	356.8	634006	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
ES	COMUNIDAD DE MADRID SUR	ES1303	ag	410.4	1102065	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	COMUNIDAD DE MADRID AUTOPISTA A-6	ES1304	ag	480.7	376081	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	COMUNIDAD DE MADRID SIERRA NORTE	ES1305	nonag	2892.8	248049	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	>tv	>tv
ES	COMUNIDAD DE MADRID OESTE	ES1306	nonag	1693.8	226342	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv		>tv	>tv
ES	COMUNIDAD DE MADRID SUDESTE	ES1307	nonag	1970.1	292740	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv		>tv	>tv
ES	COMUNIDAD DE MURCIA NORTE	ES1401	nonag	7169.43	62651	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lto	<lto
ES	COMUNIDAD DE MURCIA CENTRO	ES1402	nonag	1271.71	208838	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	COMUNIDAD DE MURCIA LITORAL	ES1403	nonag	2197.56	146187	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv		<lv	lto-tv	lto-tv
ES	VALLE DE ESCOMBRERAS	ES1404	nonag	59.8	5221	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
ES	MAR MENOR	ES1405	nonag	243.23	62651	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lto	<lto
ES	CARTAGENA	ES1406	ag	93.62	182733	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	<lto	<lto
ES	CIUDAD DE MURCIA	ES1407	ag	276.47	522096	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
ES	MONTAÑA DE LA COMUNIDAD DE NAVARRA	ES1501	nonag	3208	40940			-	-			-			<lv		<lv		
ES	ZONA MEDIA DE LA COMUNIDAD DE NAVARRA	ES1502	nonag	2577	52954	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	<lto	<lto
ES	RIBERA DE LA COMUNIDAD DE NAVARRA	ES1503	nonag	4496	178648	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	>tv	>tv
ES	COMARCA DE PAMPLONA	ES1504	ag	116	270515	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	ENCARTACIONES - ALTO NERVION	ES1601	nonag	969.2	70264	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	BAJO NERVION	ES1602	ag	378	880095	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	KOSTALDEA	ES1603	nonag	992.2	178703	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	DONOSTIALDEA	ES1604	ag	348.4	373767	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	<lto
ES	ALTO IBAIZABAL - ALTO DEBA	ES1605	nonag	942.9	195710	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv		<lv	lto-tv	<lto
ES	GOIHERRI	ES1606	nonag	917.9	147149	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	LLANADA ALAVESA	ES1607	nonag	1305.6	237958	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	lto-tv	lto-tv
ES	PAIS VASCO RIBERA	ES1608	nonag	1376.9	17542	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv		<lv	>tv	>tv
ES	LOGROÑO	ES1704	ag	20.44	151221	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
ES	LA RIOJA	ES1705	nonag	5021.87	152509	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv		<lv	>tv	lto-tv
FI	Uudenmaan ympäristö-keskus poislukien pääkaupunkiseutu	FI0001	nonag	8829.79	464335	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Lounais-Suomen ympäristökeskus	FI0002	nonag	19557.39	687034	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
FI	Hämeen ympäristökeskus	FI0003	nonag	11963.01	367485	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Pirkanmaan ympäristökeskus	FI0004	nonag	15701.48	486547	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Kaakkois-Suomen ympäristökeskus	FI0005	nonag	12830.3	320674	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Etelä-Savon ympäristökeskus	FI0006	nonag	18768.33	160473	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Pohjois-Savon ympäristökeskus	FI0007	nonag	20366.73	250052	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Pohjois-Karjalan ympäristökeskus	FI0008	nonag	21584.33	168339	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Keski-Suomen ympäristökeskus	FI0009	nonag	19761.51	267931	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Länsi-Suomen ympäristökeskus	FI0010	nonag	26357	420888	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Pohjois-Pohjanmaan ympäristökeskus	FI0011	nonag	37144.05	378305	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Kainuun ympäristökeskus	FI0012	nonag	24452.42	85219	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Lapin ympäristökeskus	FI0013	nonag	98987.16	185791	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	-	<lv	-	-
FI	Pääkaupunkiseutu (YTV-alue)	FI0014	ag	765.71	989372	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
FI	Koko Suomi	FI0015	nonag	337069.2	5232345	-	-	<lv	<lv	-	-	<lv	-	-	-	-	-	-	-
FI	Etelä-Suomi poislukien pääkaupunkiseutu	FI0016	nonag	133768.8	3175367	-	-	-	-	-	-	-	-	-	-	<lv	-	-	-
FI	Pohjois-Suomi	FI0017	nonag	202534.7	1067606	-	-	-	-	-	-	-	-	-	-	<lv	-	-	-
FI	Muu Suomi poislukien pääkaupunkiseutu	FI0018	nonag	336303.5	4242973	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	lto-tv
FR	Unité urbaine de Metz	FR01A00001	ag	326	322526	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Zone industrielle sidérurgique lorraine	FR01N00002	nonag	256	195963	<lv	<lv			<lv	<lv		>lv	<lv	<lv		<lv	>tv	lto-tv
FR	Zone Industrielle Fos-Berre	FR02N00001	nonag	598	292679	>lv	>lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Agglomération de Marseille	FR03A00001	ag	1028	1165933	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	-
FR	Agglomération de Toulon	FR03A00002	ag	738	519118	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	-
FR	Agglomération d'Avignon	FR03A00003	ag	506	253931	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	-
FR	Département des Bouches-du-Rhône	FR03N00004	nonag	3310	320430	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Département du Var	FR03N00005	nonag	5347	409287	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Département du Vaucluse	FR03N00006	nonag	3214	290028	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Agglomération de Paris	FR04A00001	ag	2739	9469547	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
FR	Région Ile-de-France hors agglomération de Paris	FR04N00001	nonag	9334	1191007	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Estuaire	FR05N00003	nonag	661	308819	>lv	>lv	<lv	<lv	<lv	lv-mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
FR	agglomération de Valenciennes	FR06A00001	ag	581	373288	<lv	<lv			lv-mot	lv-mot		<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
FR	Agglomération de Clermont-Ferrand	FR07A00001	ag	184	267987	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Auvergne	FR07N00002	nonag	25828	1039219	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
FR	Montpellier	FR08A00001	ag	141	287981	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	-	<lv	<lv	>tv	>tv
FR	Nîmes	FR08A00007	ag	221	148889	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	>tv	>tv
FR	Perpignan	FR08A00008	ag	181	162678	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	-	>tv	>tv
FR	Reste Région	FR08N00009	nonag	27376	1696809	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	-	>tv	>tv
FR	LA Rochelle /Rochefort	FR09A00002	ag	52	192100	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
FR	Poitiers/Chatellerault	FR09A00003	ag	48	179600	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	-	<lv	<lv	lto-tv	lto-tv
FR	Région Poitou-Charentes	FR09N00001	nonag	25809	1650400	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	-	<lv	-	lto-tv	lto-tv
FR	Dunkerque PPA	FR10A00001	ag	273	212790	<lv	<lv			<lv	<lv		<lv	<lv	<lv	-	<lv	lto-tv	lto-tv
FR	Lille PPA	FR11A00001	ag	425	958849	<lv	<lv			<lv	lv-mot		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
FR	Territoire Nord Pas-de-Calais	FR11N00002	nonag	10264	1623199	<lv	<lv			<lv	<lv		<lv	<lv	-	-	<lv	>tv	lto-tv
FR	zone PPA Toulouse	FR12A00001	ag	1138.5	801505	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Région Midi-Pyrénées hors zone PPA	FR12N00002	nonag	44310	1750182	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	<lv	>tv	>tv
FR	Agglomérations de Reims et Troyes	FR14A00002	ag	245	338773	<lv	<lv			<lv	<lv				<lv	<lv	<lv	lto-tv	lto-tv
FR	Région Champagne Ardenne sans Reims et Troyes	FR14N00003	nonag	25360	1003590	<lv	<lv			<lv	<lv				-	-	-	>tv	lto-tv
FR	Grenoble PPA	FR15A00001	ag	426	455336	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Zone d'agglomération de Strabourg (CUS + Hoerdt)	FR16A00001	ag	331	471972	<lv	<lv	<lv	<lv	<lv	>mot		<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Zone d'agglomération de Mulhouse + Chalampé	FR16A00002	ag	325	250467	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv		<lv	<lv	>tv	>tv
FR	Zone territoriale Alsace	FR16N00001	nonag	7625	1071422	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv		<lv		>tv	>tv
FR	Franche-Comté	FR17N00002	nonag	15855	825663	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
FR	Communauté d'Agglomération du Grand Besançon	FR17N00003	nonag	200	170295	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv		>tv	>tv
FR	Montbeliard / Belfort	FR17N00004	nonag	357	213224	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	-	>tv	>tv
FR	Amiens Métropole	FR18N00001	nonag	111	161000											-		lto-tv	lto-tv
FR	Communauté d'agglo de Saint Quentin	FR18N00002	nonag	57	69300	-	-	-	-						-	-	-	lto-tv	lto-tv
FR	Communauté d'agglo de Creil	FR18N00003	nonag	131	97500										-	-	-	lto-tv	lto-tv
FR	Compiègne	FR18N00004	nonag	134	69900	-	-	-	-						-	-	-	lto-tv	lto-tv
FR	Beauvais	FR18N00005	nonag	70	59000								-	-	-	-	-	lto-tv	lto-tv
FR	Reste du département de la Somme	FR18N00009	nonag	6017	368500	-	-	-	-	-	-	-			-	-	-	lto-tv	lto-tv
FR	Reste du département de l'Aisne	FR18N00010	nonag	7223	401300	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	lto-tv
FR	RENNES	FR19A00001	ag	558	375600	<lv	<lv			<lv	lv-mot		<lv	<lv	-	-	<lv	lto-tv	lto-tv
FR	BREST	FR19A00002	ag	218	221600	<lv	<lv			<lv	lv-mot		<lv	<lv	-	-	<lv	lto-tv	
FR	LORIENT-VANNES	FR19A00003	ag	986	293900	<lv	<lv			<lv	<lv		<lv	<lv	-	-	-	lto-tv	
FR	BRETAGNE	FR19N00004	nonag	25446	2015100	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	-	-	-	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
FR	Lyon PPA	FR20A00001	ag	987	1354843	<lv	<lv	<lv	<lv	>mot	>mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	
FR	Reste Région Rhône Alpes	FR20N00001	nonag	41991	3480891	>lv	>lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Calvados	FR21N00001	nonag	5590	658385	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
FR	Manche	FR21N00002	nonag	6011	481471	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	-	lto-tv	lto-tv
FR	Orne	FR21N00003	nonag	6139	292937	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	-	lto-tv	lto-tv
FR	Zone urbaine de FORBACH	FR22A00003	ag	139	99700	<lv	<lv			<lv	<lv		<lv	<lv	-	<lv	<lv	>tv	>tv
FR	Zone industrielle Carling - Saint-Avold - L'Hôpital	FR22N00001	nonag	80	26627	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	-	-
FR	Zone territoriale LORRAINE	FR22N00002	nonag		1428753	<lv	<lv			<lv	<lv		<lv	<lv	-	-	<lv	>tv	>tv
FR	Nantes + périmètre PPA	FR23A00001	ag	1680	740000	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv		<lv	<lv	lto-tv	lto-tv
FR	Région pays de Loire	FR23N00001	nonag	30610	2318500	<lv	<lv	-	-	<lv	lv-mot	<lv	<lv	<lv			<lv	>tv	lto-tv
FR	Zone littorale urbanisée des Alpes Maritimes	FR24A00001	ag	1500	963087	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	-
FR	Alpes Maritimes	FR24N00002	nonag	2100	48239	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Alpes de Haute Provence et Hautes Alpes	FR24N00003	nonag	12660	260980	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Rouen	FR25A00001	ag	325	398823	<lv	>lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	
FR	Haute-Normandie + Honfleur et Trouville	FR25N00001	nonag	11777	1129242	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	
FR	Agglomération de Dijon	FR26A00001	ag	172	244466	<lv	<lv	<lv	<lv	<lv	>mot		>lv	<lv	-	<lv	<lv	>tv	>tv
FR	Départ Côte d'Or + Nièvre + Yonne	FR26N00002	nonag	22887	820708	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	-	lto-tv	lto-tv
FR	ZAS Béthune-Lens-Douai	FR28A00001	ag	879	777925	<lv	<lv			<lv	<lv		<lv	<lv	<lv	-	<lv	>tv	lto-tv
FR	Saint Etienne PPA	FR29A00001	ag	292	354337	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	Nancy	FR30A00001	ag	314	331363	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	<lv	>tv	lto-tv
FR	BORDEAUX	FR31A00001	ag	1086	772308	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	>tv
FR	LACQ	FR31N00002	nonag	164	19508	>lv	>lv			<lv	<lv		<lv	<lv	-	-	-	lto-tv	-
FR	AQUITAINE	FR31N00003	nonag	40059	2116543	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	>tv	>tv
FR	Saône et Loire	FR32N00001	nonag	8565	544893	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-
FR	Tours	FR34A00001	ag	429	298089	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
FR	Orléans	FR34A00002	ag	335	266706	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
FR	Région Centre	FR34N00001	nonag	39472	1875980	<lv	<lv	<lv	<lv	<lv	<lv		<lv	<lv	-	-	-	>tv	lto-tv
FR	Agglomération de Limoges	FR35A00001	ag	468	191024	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	lto-tv	>tv
FR	Limousin hors agglomération de Limoges	FR35N00002	nonag	16474	519768	<lv	<lv			<lv	<lv		<lv	<lv	<lv	-	-	lto-tv	>tv
FR	Agglomération Pointoise	FR37A00001	ag	175	119492								>lv		-	-	-	<lto	
FR	réunion	FR38N00001	nonag	2500	784000	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv		<lv	<lv	<lto	<lto
FR	Conurbation foyalaise	FR39A00001	ag	189	170187	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	-	<lv	<lv	<lto	<lto
FR	Commune Urbaine - Agglomération multicommunale	FR40A00001	ag	29	50594	<lv	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-	-	<lto	<lto

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
	de Cayenne - Ville Centre Cayenne																		
FR	corse	FR41N00001	nonag	8569	279000	<lv	<lv			<lv			<lv		-	-	-		
GB	Gibraltar	UK(GIB)	nonag	6.5	27928	<lv	<lv	-	-	<lv	lv-mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Greater London Urban Area	UK0001	ag	1628	8278251	<lv	<lv			>mot	>mot		>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	West Midlands Urban Area	UK0002	ag	594	2284093	<lv	<lv			<lv	>mot		>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Greater Manchester Urban Area	UK0003	ag	557	2244931	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	West Yorkshire Urban Area	UK0004	ag	363	1499465	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Tyneside	UK0005	ag	217	879996	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Liverpool Urban Area	UK0006	ag	184	816216	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Sheffield Urban Area	UK0007	ag	165	640720	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Nottingham Urban Area	UK0008	ag	169	666358	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Bristol Urban Area	UK0009	ag	142	551066	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Brighton/Worthing/Littlehampton	UK0010	ag	97	461181	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Leicester Urban Area	UK0011	ag	102	441213	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Portsmouth Urban Area	UK0012	ag	91	442252	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Teesside Urban Area	UK0013	ag	111	365323	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	The Potteries	UK0014	ag	91	362403	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Bournemouth Urban Area	UK0015	ag	113	383713	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Reading/Wokingham Urban Area	UK0016	ag	97	369804	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Coventry/Bedworth	UK0017	ag	76	336452	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Kingston upon Hull	UK0018	ag	80	301416	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Southampton Urban Area	UK0019	ag	77	304400	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Birkenhead Urban Area	UK0020	ag	88	319675	<lv	<lv			<lv	>mot		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Southend Urban Area	UK0021	ag	64	269415	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Blackpool Urban Area	UK0022	ag	63	261088	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Preston Urban Area	UK0023	ag	58	264601	<lv	<lv			<lv	lv-mot		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Glasgow Urban Area	UK0024	ag	366	1168270	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Edinburgh Urban Area	UK0025	ag	117	452194	<lv	<lv			<lv	>mot		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Cardiff Urban Area	UK0026	ag	72	327706	<lv	<lv			<lv	>mot		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Swansea Urban Area	UK0027	ag	84	270506	<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Belfast Metropolitan Urban Area	UK0028	ag	193	580276	<lv	<lv			<lv	>mot		>lv	<lv	<lv	<lv	<lv	lto-tv	<lto
GB	Eastern	UK0029	nonag	19113	4850132	>lv	>lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	South West	UK0030	nonag	23506	3980991	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	South East	UK0031	nonag	18645	6016677	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	East Midlands	UK0032	nonag	15491	3084598	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	North West & Merseyside	UK0033	nonag	13149	2826622	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
GB	Yorkshire & Humberside	UK0034	nonag	14787	2514947	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	lv-mot	<lv	lto-tv	lto-tv
GB	West Midlands	UK0035	nonag	12192	2271650	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	North East	UK0036	nonag	8282	1269803	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Central Scotland	UK0037	nonag	9305	1813314	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	North East Scotland	UK0038	nonag	18587	1001499	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Highland	UK0039	nonag	38269	380062	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Scottish Borders	UK0040	nonag	11145	254690	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	South Wales	UK0041	nonag	12221	1578773	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	North Wales	UK0042	nonag	8368	720022	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
GB	Northern Ireland	UK0043	nonag	13579	1104991	<lv	<lv	<lv	<lv	<lv	>mot	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	<lto
GR	Βόρεια Ελλάδα	EL0001	nonag	60202.6	3312018	<lv	<lv			<lv	<lv		>lv	>lv	-	-	<lv	>tv	>tv
GR	Νότια Ελλάδα	EL0002	nonag	69746.8	3306302										-	-		<lto	<lto
GR	Οικισμός Αθήνα	EL0003	ag	1948.3	3551370	<lv	<lv			lv-mot	>mot		>lv	>lv	-	lv-mot	<lv	>tv	>tv
GR	Οικισμός Θεσσαλονίκη	EL0004	ag	129.2	794330	<lv	<lv			<lv	lv-mot		>lv	>lv	-	-	<lv	>tv	>tv
HU	Budapest region	HU0001	ag	2401	2408068	<lv	<lv	-	-	lv-mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	-
HU	Győr-Mosonmagyaróvár	HU0002	nonag	629	183671	<lv	<lv	-	-	<lv	lv-mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Komárom-Tatabánya-Esztergom	HU0003	nonag	735	224611	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Székesfehérvár-Veszprém	HU0004	nonag	607	216044	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Dunaújváros region	HU0005	nonag	228	64399	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	-
HU	Pécs region	HU0006	nonag	333	195845	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
HU	Visonta region	HU0007	nonag	318	51303	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Sajó valley	HU0008	nonag	1106	359255	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	-
HU	Debrecen region	HU0009	nonag	462	204297	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Other areas of the country, except the allotted cities	HU0010	nonag	84004	5225882	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
HU	Allotted cities	HU0011	nonag	2206	964174	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	-
IE	Zone A	IE0001	ag	485.2	1050834	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	<lto	
IE	Zone B	IE0002	nonag	184.79	178271	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	<lto	
IE	Zone C	IE0003	nonag	222.2	299716	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	<lto	
IE	Zone D	IE0004	nonag	69381	2388515	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	<lto
IS	Dreifbyli	IS1000	nonag	102000	115342	-	-	-	-	-	-	-	>lv	>lv	-	-	-	<lto	<lto
IS	Reykjavik	IS2000	ag	1000	191919	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv		<lv	<lv	<lto	<lto
IT	Torino 01	IT0101	nonag	1832	654738	<lv	<lv	-	-	<lv	>mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Torino 02	IT0102	nonag	4630	290635	<lv	<lv	-	-	<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Torino agglomerato	IT0103	ag	367	1297402	<lv	<lv	-	-	>mot	>mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Vercelli 01	IT0104	nonag	587	93905	<lv	<lv	-	-	<lv	lv-mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Vercelli 02	IT0105	nonag	1496	83122	<lv	<lv	-	-	<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	>tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
IT	Novara 01	IT0106	nonag	791	297863	<lv	<lv	-	-	<lv	>mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Novara 02	IT0107	nonag	549	57491	<lv	<lv	-	-	<lv	<lv		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Cuneo 01	IT0108	nonag	1074	267178	<lv	<lv	-	-	<lv	lv-mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Cuneo 02	IT0109	nonag	5822	304649	<lv	<lv	-	-	<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Asti 01	IT0110	nonag	709	160577	<lv	<lv	-	-	<lv	<lv		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Asti 02	IT0111	nonag	802	53628	<lv	<lv	-	-	<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Alessandria 01	IT0112	nonag	1162	305413	<lv	<lv	-	-	<lv	>mot		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Alessandria 02	IT0113	nonag	2400	125933	<lv	<lv	-	-	<lv	<lv		>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Biella 01	IT0114	nonag	419	138014	<lv	<lv	-	-	<lv	lv-mot		>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Biella 02	IT0115	nonag	495	49605	<lv	<lv	-	-	<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Verbania 01	IT0116	nonag	433	115066	<lv	<lv	-	-	<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Verbania 02	IT0117	nonag	1829	46514	<lv	<lv	-	-	<lv	<lv		<lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Zona di risanamento	IT0201	nonag	14	34403	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Zona di miglioramento e tutela	IT0202	nonag	311	84779	<lv	<lv	-	-	<lv	lv-mot	<lv	>lv	<lv	-	-	<lv	>tv	>tv
IT	Zona di mantenimento	IT0203	nonag	2936	3687	-	-	-	-	<lv	<lv	<lv	-	-	-	-	-	<lto	lto-tv
IT	Bergamo	IT0304	ag	195.078	298120	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	-	-	<lv	lto-tv	
IT	Brescia	IT0305	ag	397.524	368642	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Cremona	IT0306	ag	70.2915	72129	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	-	<lv	<lv	-	-
IT	Mantova	IT0307	ag	63.952	49064	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Sondrio	IT0308	ag	20.6035	22045	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	-	-	<lv	-	-
IT	Lecco	IT0309	ag	44.8832	45324	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	-	<lv	-	-
IT	Varese	IT0310	ag	54.6313	84187	<lv	<lv	-	-	<lv	lv-mot	-	>lv	<lv	-	-	<lv	>tv	
IT	Lodi	IT0311	ag	41.5261	41990	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	-	<lv	<lv	-	-
IT	Pavia	IT0312	ag	62.8879	74065	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Zona risanamento A	IT0313	nonag	5407.55	2420527	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	-	-	<lv	>tv	>tv
IT	Zona risanamento B	IT0314	nonag	7510.65	557352	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	-	<lv	>tv	>tv
IT	Zona mantenimento	IT0315	nonag	13520.04	1591433	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	>lv	-	-	<lv	>tv	>tv
IT	Unica (Milano/Como/Sempione)	IT0316	ag	1056.81	3361921	<lv	<lv	-	-	>mot	>mot	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Zona A	IT0401	nonag	816.87	259942	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	
IT	Zona B	IT0402	nonag	5390.01	217917	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	-	-	-	-	>tv	>tv
IT	Montagne	IT0411	nonag	6562.2	123343	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
IT	pendici e valli laterali	IT0412	nonag	444.7	47962	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
IT	valli principali	IT0413	nonag	195	69918	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	-	-
IT	città ed autostrada	IT0414	ag	198	199132	<lv	<lv	<lv	<lv	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	-	-
IT	NORD	IT0423	nonag	5915.4	193233	-	-	-	-	-	-	-	-	-	-	-	-	lto-tv	lto-tv
IT	SUD	IT0424	nonag	1484.5	247122	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
IT	rilievi	IT0433	nonag	6767.7		-	-	-	-	-	-	<lv	-	-	-	-	-	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
IT	fondovalle	IT0434	nonag	632.2		-	-	-	-	-	-	>lv	-	-	-	-	-	-	-
IT	A	IT0501	ag	1786,1	1157199	<lv	<lv	<lv	<lv	<lv	>mot	>lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	B	IT0502	nonag	829,1	328416	<lv	<lv	<lv	<lv	<lv	lv-mot	>lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	C1	IT0503	nonag	140,4	60905	<lv	<lv	<lv	-	<lv	<lv	-	-	-	-	-	<lv	-	-
IT	C3	IT0504	nonag	15614,6	2968191	<lv	<lv	<lv	-	<lv	<lv	-	-	-	-	-	<lv	-	-
IT	Area Udinese	IT0601	nonag	55.68	95030	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv	-	<lv	<lv	>tv	
IT	Area Triestina	IT0602	nonag	83.64	211184	<lv	<lv	-	-	>mot	>mot	-	>lv	<lv	-	<lv	>lv	>tv	
IT	Area Pordenonese	IT0603	nonag	124.5	82665	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	>tv	
IT	Area Goriziana	IT0604	nonag	41.11	36531	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	>tv	
IT	Area Monfalconese	IT0605	nonag	20.52	27743	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	>tv	
IT	Zona di mantenimento	IT0606	nonag	7531.03	754717	<lv	<lv	<lv	<lv	<lv	lv-mot	-	<lv	<lv	-	<lv	<lv	>tv	
IT	Comune di Genova	IT0701	ag	243.6	610307	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	-	lv-mot	<lv		
IT	Aree urbane con fonti emittenti miste - Savonese -	IT0702	nonag	138.39	74930	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	<lv	-	-
IT	Aree urbane con fonti emittenti miste -La Spezia -	IT0703	nonag	99.52	119794	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	-	-
IT	Aree urbane in cui prevale la fonte traffico	IT0704	nonag	517.52	321561	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
IT	Aree urbane in cui prevale la fonte produttiva-Bormida-	IT0705	nonag	121.6	21327	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	<lv	-	-
IT	Aree urbane in cui prevale la fonte produttiva-Busalla-	IT0706	nonag	17.12	5943	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	-	-
IT	Zona di mantenimento	IT0707	nonag	4282.49	417921	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	-	<lv	<lv	-	-
IT	Zona A per l'ozono	IT0708	ag	381.99	685237	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
IT	Zona B per l'ozono	IT0709	nonag	5038.25	886546	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
IT	Zona A Provincia di Piacenza	IT0800	nonag	1324.927	232557	-	-	-	-	<lv	<lv	-	>lv	>lv	-	-	<lv	-	-
IT	Agglomerato R1 Piacenza	IT0802	ag	733.836	187491	<lv	<lv	<lv	-	<lv	<lv	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Agglomerato R2 Parma	IT0812	ag	749.3	242621	-	-	-	-	<lv	lv-mot	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Zona A Provincia di Reggio Emilia	IT0820	nonag	1321.387	409638	-	-	-	-	lv-mot	lv-mot	-	-	-	-	-	<lv	-	-
IT	Zona B Provincia di Reggio Emilia	IT0821	nonag	968.9039	43401	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	-	-	-	-
IT	Agglomerato R3 Reggio Emilia	IT0822	ag	441.1	208141	<lv	<lv	<lv	-	lv-mot	>mot	-	>lv	>lv	-	<lv	<lv	>tv	
IT	Agglomerato R12 Reggio Emilia	IT0823	ag	170.3	60118	-	-	-	-	<lv	<lv	-	>lv	<lv	-	-	-	-	-
IT	Zona A Provincia di Modena	IT0830	nonag	1473.778	565698	-	-	-	-	lv-mot	>mot	-	-	-	-	-	<lv	>tv	
IT	Agglomerato R4	IT0832	ag	648.31	326494	-	-	-	-	lv-mot	>mot	-	>lv	>lv	-	<lv	<lv	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
	Modena																		
IT	Agglomerato R5 Fiorano Modenese	IT0833	ag	194.49	108547	-	-	-	-	<lv	>mot	-	-	-	-	<lv	<lv	-	-
IT	Zona A Provincia di Bologna	IT0840	nonag	2311.25	819258	<lv	<lv	<lv	<lv	lv-mot	<lv	-			-	-	-	-	-
IT	Agglomerato R6 Bologna	IT0842	ag	737.76	550630	-	-	-	-	lv-mot	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	
IT	Agglomerato R7 Imola	IT0843	ag	204.93	64021	-	-	-	-	<lv	<lv	-	>lv	<lv	-	-	<lv	-	-
IT	Zona A Provincia di Ferrara	IT0850	nonag	1494.156	245612	-	-	-	-	<lv	lv-mot	-	-	-	-	-	<lv	-	-
IT	Zona B Provincia di Ferrara	IT0851	nonag	1139.1	97092	-	-	-	-	<lv	<lv	<lv	<lv	<lv	-	-	-	>tv	>tv
IT	Agglomerato R8 Ferrara	IT0852	ag	404.28	130461	<lv	<lv	<lv	-	<lv	>mot	-	>lv	>lv	-	<lv	<lv	-	-
IT	Agglomerato R9 Ravenna	IT0862	ag	652.83	138204	-	-	-	-	lv-mot	>mot	-	>lv	<lv	-	<lv	<lv	>tv	
IT	Agglomerato R10 Faenza	IT0863	ag	248	61581	<lv	<lv	<lv	-	lv-mot	lv-mot	-	>lv	<lv	-	-	<lv	-	-
IT	Agglomerato R11 Forlì/Cesena	IT0872	ag	590.17	233186	<lv	<lv	<lv	-	<lv	lv-mot	-	>lv	<lv	-	<lv	<lv	>tv	
IT	Agglomerato R13 Rimini	IT0882	ag	290.34	229438	<lv	<lv	<lv	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	>tv	
IT	Zona di mantenimento A-B	IT0901	ag	21130.86	2251224	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	<lto
IT	Zona di risanamento comunale	IT0902	nonag	524	160362	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Zona di risanamento di Pisa-Livorno	IT0903	ag	368.61	289014	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Zona di risanamento della Piana Lucchese	IT0904	nonag	360.01	133147	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Zona di risanamento dell'Area metropolitana di Firenze-Prato	IT0905	ag	606.7	786125	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	>tv	>tv
IT	Area metropolitana di Perugia	IT1001	nonag	415.7	149125	<lv	<lv	<lv	<lv	lv-mot	>mot	>lv	>lv	<lv	<lv	lv-mot	<lv	>tv	>tv
IT	Conca Ternana	IT1002	nonag	195.8	105018	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
IT	Zona A	IT1101	nonag	2666.65	1054989	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
IT	Zona B	IT1102	nonag	7027.41	473820	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	<lv	<lto	
IT	Roma	IT1201	ag	1282	2460000	<lv	<lv	-	-	lv-mot	>mot	>lv	>lv	>lv		lv-mot	<lv	>tv	>tv
IT	Frosinone	IT1202	ag	47	45000	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	-	<lv	<lv	-	-
IT	Z2	IT1203	nonag	2932	1063000	<lv	<lv	-	-	<lv	>mot	-	>lv	<lv	-	<lv	<lv	-	-
IT	Z3	IT1204	nonag	6771	1076000	<lv	<lv	-	-	<lv	>mot	<lv	<lv	<lv	-	-	-	-	-
IT	Z4	IT1205	nonag	6145	333000	<lv	<lv	-	-	<lv	<lv	<lv	-	-	-	-	-	-	-
IT	Z10	IT1210	nonag	14895	2517000	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
IT	Chieti	IT13CH	nonag	2587	389000	<lv	<lv	-	-	<lv	lv-mot	-	-	-	-	<lv	<lv	lto-tv	

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
IT	Pescara	IT13PE	ag	1224	294000	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	-	lv-mot	<lv	>tv	
IT	zona industriale Rossano Corigliano	IT1801	nonag	345.43	71662	<lv	<lv	-	-	-	-	-	-	-	-	-	-	-	-
IT	zona urbana Crotone	IT1802	nonag	179.83	59998	-	-	-	-	<lv	<lv	-			-	-	<lv	lto-tv	
IT	zona Altomonte Firmo Saracena	IT1803	nonag	188.33	11881	-	-	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	>tv	
IT	Cagliari	IT2001	ag	242.81	291324	-	-	-	-	lv-mot	<lv	-	<lv	<lv	-		<lv	lto-tv	
IT	Area industriale Sarroch	IT2003	nonag	67.88	5243	>lv	>lv	-	-	<lv	<lv	-	<lv	<lv	-	<lv	<lv	lto-tv	
IT	Area industriale Portoscuso	IT2004	nonag	39.06	5392	>lv	>lv	-	-	<lv	<lv	-	>lv	<lv	-	<lv	-	<lto	
IT	Zona di mantenimento	IT2006	nonag	23092.74	1195898	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	-	-	-	lto-tv	
LT	Vilnius	LT0100	ag	401	553553	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	>tv	
LT	Kaunas	LT0200	ag	157	360637	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	lto-tv	
LT	Lietuva	LT0300	nonag	65300	2489094	<lv	<lv	<lv	<lv	lv-mot	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
LU	Ore bassin of Luxembourg (represented mainly by the Canton Esch/Alzette)	CES	nonag	243	117	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv			<lv	lto-tv	-
LU	City of Luxembourg and its periurban area (represented mainly by the canton Luxembourg)	LCPU	nonag	238	117	<lv	<lv	-	-	<lv	>mot	-	<lv	<lv		<lv	<lv	lto-tv	-
LU	Rural area in the country of Luxembourg (represented mainly by the ten remaining cantons)	RAL	nonag	2105	151	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv		-	<lv	>tv	lto-tv
LV	Riga	LV0001	ag	307	727578	<lv	<lv	<lv	<lv	<lv	lv-mot	>lv	<lv	<lv	<lv	<lv	<lv	<lto	<lto
LV	Latvia	LV0002	nonag	64282	1567012	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lto	<lto
MT	Maltese Agglomeration	MT0001	ag	39.3539	274482	>lv	<lv			>mot	<lv		>lv	<lv	-	<lv		>tv	
MT	Maltese Zone	MT0002	nonag	276.0061	116933	-	-	-	-	-	-	-	-	-	-	-	-	>tv	>tv
NL	Noord	NL0100	nonag	13486.17	2804377	<lv	<lv	<lv	<lv	lv-mot	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
NL	Midden	NL0200	nonag	10371.13	4834110	<lv	<lv			<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
NL	Amsterdam/Haarlem	NL0210	ag	829.7551	1530779	<lv	<lv			<lv	>mot	-	>lv	<lv			<lv	lto-tv	<lto
NL	Utrecht	NL0220	ag	236.4496	447817	<lv	<lv			<lv	>mot	-	>lv	>lv		<lv	<lv	lto-tv	<lto
NL	Den Haag/Leiden	NL0230	ag	420.9457	1075402	<lv	<lv			<lv	>mot	-	>lv	<lv			<lv	lto-tv	lto-tv
NL	Rotterdam/Dordrecht	NL0240	ag	586.2849	1280286	<lv	<lv			<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
NL	Zuid	NL0300	nonag	8571.087	3258128	<lv	<lv			lv-mot	>mot		>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
NL	Eindhoven	NL0310	ag	275.8167	425247	<lv	<lv			<lv	>mot	-	>lv	>lv			<lv	lto-tv	lto-tv
NL	Heerlen/Kerkrade	NL0320	ag	174.315	241982	<lv	<lv			<lv	>mot	-	>lv	>lv			<lv	>tv	lto-tv
NO	Stor-Oslo	NO1	ag	1659	871000	<lv	<lv	-	-	>mot	>mot	-	>lv	<lv	<lv	<lv	<lv		
NO	Bergen	NO2	ag	465	229000	<lv	<lv	-	-	<lv	lv-mot	-	<lv	<lv	<lv	<lv	<lv		
NO	Trondheim	NO3	ag	514	160000	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	-	-
NO	Øst- and Sørlandet	NO4	nonag	109425	1594000	<lv	<lv			<lv	>mot	-	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
NO	Vestlandet	NO5	nonag	42929	687000	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
NO	Midt-Norge and Nordland	NO6	nonag	94281	712000	<lv	<lv			<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	<lto
NO	Troms, Finnmark and Svalbard	NO7	nonag	135882	225000	<lv	<lv			<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	<lto	<lto
PL	Powiat bolesławiecki	4.02.01.01	nonag	1303.26	88343		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat dzierżoniowski	4.02.01.02	nonag	478.72	104852	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat jaworski	4.02.01.05	nonag	581.25	52058		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat jeleniogórski	4.02.01.06	nonag	628.21	63817		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat kamiennogórski	4.02.01.07	nonag	396.13	46470		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat kłodzki	4.02.01.08	nonag	1643.37	166447	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
PL	Powiat lubański	4.02.01.10	nonag	428.19	57061	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat lwówecki	4.02.01.12	nonag	709.94	48144		<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat strzeliński	4.02.01.17	nonag	622.27	44146		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat świdnicki	4.02.01.19	nonag	742.89	160337		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wałbrzyski	4.02.01.21	nonag	514.18	184594	<lv	>lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat ząbkowicki	4.02.01.24	nonag	801.75	69297		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat zgorzelecki	4.02.01.25	nonag	838.11	94408	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat złotoryjski	4.02.01.26	nonag	575.45	45744		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat m. Jelenia Góra	4.02.01.61	nonag	108.36	86663	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	>lv	>tv	-
PL	Powiat głogowski	4.02.02.03	nonag	443.37	87651	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat górowski	4.02.02.04	nonag	738.11	36556		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat legnicki	4.02.02.09	nonag	744.6	52995		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat lubiński	4.02.02.11	nonag	711.99	105582		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat polkowicki	4.02.02.16	nonag	779.62	61138		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wołowski	4.02.02.22	nonag	675	47445	<lv	<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat m. Legnica	4.02.02.62	nonag	56.29	105485	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	-
PL	Powiat milicki	4.02.03.13	nonag	715.01	36845		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat oleśnicki	4.02.03.14	nonag	1049.74	103366		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
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PL	Powiat średzki	4.02.03.18	nonag	703.68	49208		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat trzebnicki	4.02.03.20	nonag	1025.55	77285		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wrocławski	4.02.03.23	nonag	1116.15	101913		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Aglomeracja Wrocławska	4.02.04.00	ag	292.84	635280	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	-
PL	Aglomeracja Bydgoska	4.04.05.00	ag	174.48	364468	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	lv-mot	<lv	lto-tv	-
PL	Powiat bydgoski	4.04.05.03	nonag	1394.8	96487	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat inowrocławski	4.04.05.07	nonag	1224.94	165117	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat mogileński	4.04.05.09	nonag	675.86	46867	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nakielski	4.04.05.10	nonag	1120.48	84791	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat sępoleński	4.04.05.13	nonag	790.86	40913	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat świecki	4.04.05.14	nonag	1472.78	96992	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tucholski	4.04.05.16	nonag	1075.27	47269	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat żniński	4.04.05.19	nonag	984.55	69761	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat aleksandrowski	4.04.06.01	nonag	475.61	55184	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat brodnicki	4.04.06.02	nonag	1038.79	75026	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	lto-tv	lto-tv
PL	Powiat chełmiński	4.04.06.04	nonag	527.62	51414	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat golubsko-dobrzyński	4.04.06.05	nonag	612.98	45111	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat grudziądzki	4.04.06.06	nonag	728.39	38483	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat rypiński	4.04.06.12	nonag	587.08	44304	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat toruński	4.04.06.15	nonag	1229.71	89986	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wąbrzeski	4.04.06.17	nonag	501.31	34892	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat włocławski	4.04.06.18	nonag	1472.34	85362	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Grudziądz	4.04.06.62	nonag	58.74	99135	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Toruń	4.04.06.63	nonag	115.75	207139	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Włocławek	4.04.06.64	nonag	84.78	119309	<lv	<lv	-	-	>mot	lv-mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat bialski	4.06.07.01	nonag	2753.67	113759		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat parczewski	4.06.07.13	nonag	952.62	36439		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat radzyński	4.06.07.15	nonag	965.21	61315		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat włodawski	4.06.07.19	nonag	1256.27	39987		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Biała Podlaska	4.06.07.61	nonag	49.41	57957		<lv	-	-		<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat biłgorajski	4.06.08.02	nonag	1677.79	104220		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat chełmski	4.06.08.03	nonag	1779.64	79886		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat hrubieszowski	4.06.08.04	nonag	1269.45	68651		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat krasnostawski	4.06.08.06	nonag	1137.87	69104		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tomaszowski	4.06.08.18	nonag	1487.1	88205		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat zamojski	4.06.08.20	nonag	1872.27	110124		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Chełm	4.06.08.62	nonag	35.26	67939		<lv	-	-		<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Zamość	4.06.08.64	nonag	30.48	66607		<lv	-	-		<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Aglomeracja Lubelska	4.06.09.00	ag	147.5	354135	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat janowski	4.06.09.05	nonag	875.34	47862		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kraśnicki	4.06.09.07	nonag	1005.34	99649		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lubartowski	4.06.09.08	nonag	1290.35	90451		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lubelski	4.06.09.09	nonag	1679.42	140964		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat łęczyński	4.06.09.10	nonag	633.75	57325		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat łukowski	4.06.09.11	nonag	1394.09	108276		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat opolski	4.06.09.12	nonag	804.14	62927		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat puławski	4.06.09.14	nonag	933	116714		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat rycki	4.06.09.16	nonag	615.54	59004		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat świdnicki	4.06.09.17	nonag	468.97	72290		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat gorzowski	4.08.10.01	nonag	1213	65301	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat międzyrzecki	4.08.10.03	nonag	1388	58402	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat słubicki	4.08.10.05	nonag	1000	46811	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat strzelecko-drezdenecki	4.08.10.06	nonag	1248	50262	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sulęciński	4.08.10.07	nonag	1177	35431	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Gorzów Wielkopolski	4.08.10.61	nonag	86	125416	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat krośnieński	4.08.11.02	nonag	1390	56656	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nowosolski	4.08.11.04	nonag	771	86816	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat świebodziński	4.08.11.08	nonag	937	56008	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat zielonogórski	4.08.11.09	nonag	1571	89442	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat żagański	4.08.11.10	nonag	1131	82423	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat żarski	4.08.11.11	nonag	1393	99031	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wschowski	4.08.11.12	nonag	625	38978	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Zielona Góra	4.08.11.62	nonag	58	118221	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat kutnowski	4.10.12.02	nonag	886.29	107135	<lv	<lv	<lv		<lv	lv-mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat łaski	4.10.12.03	nonag	617.38	51300	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
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PL	Powiat łódzki wschodni	4.10.12.06	nonag	499	62801	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat pabianicki	4.10.12.08	nonag	490.77	119909	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat poddębicki	4.10.12.11	nonag	880.91	43144	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat sieradzki	4.10.12.14	nonag	1491.04	122560	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wieluński	4.10.12.17	nonag	927.69	78891	<lv	<lv	<lv		<lv	lv-mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wieruszowski	4.10.12.18	nonag	576.22	42592	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat zduńskowolski	4.10.12.19	nonag	369.19	67984	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat zgierski	4.10.12.20	nonag	853.71	159746	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat brzeziński	4.10.12.21	nonag	359	30787	<lv	<lv	<lv		<lv	lv-mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat bełchatowski	4.10.13.01	nonag	969.21	112323	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat łowicki	4.10.13.05	nonag	987.13	83584	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat opoczyński	4.10.13.07	nonag	1038.77	79606	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat pajęczański	4.10.13.09	nonag	804.14	54342	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat piotrkowski	4.10.13.10	nonag	1429.12	90259	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat radomszczański	4.10.13.12	nonag	1442.78	120328	<lv	<lv	<lv		<lv	lv-mot	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat rawski	4.10.13.13	nonag	646.6	49979	<lv	<lv	<lv		<lv	lv-mot	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat skierniewicki	4.10.13.15	nonag	756.12	38433	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat tomaszowski	4.10.13.16	nonag	1025.7	122175	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat m. Piotrków Trybunalski	4.10.13.62	nonag	67.26	80923	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Skierniewice	4.10.13.63	nonag	32.86	48688	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	-
PL	Aglomeracja Łódzka	4.10.14.00	ag	423.6	958764	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	>tv	-
PL	Powiat bocheński	4.12.15.01	nonag	631.48	100332	<lv	>lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat brzeski	4.12.15.02	nonag	590	90116	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat chrzanowski	4.12.15.03	nonag	371.49	128313	<lv	>lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat dąbrowski	4.12.15.04	nonag	527.04	58657	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat krakowski	4.12.15.06	nonag	1229.62	244283	<lv	>lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat miechowski	4.12.15.08	nonag	676.73	50927	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat olkuski	4.12.15.12	nonag	622	114402	<lv	>lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat oświęcimski	4.12.15.13	nonag	393.96	153475	<lv	<lv	<lv		<lv	>mot	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat proszowicki	4.12.15.14	nonag	414.57	43497	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tarnowski	4.12.15.16	nonag	1333.66	193399	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wielicki	4.12.15.19	nonag	427.78	104788	<lv	>lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Tarnów	4.12.15.63	nonag	72.38	117560	<lv	<lv	-	-	<lv	lv-mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat gorlicki	4.12.16.05	nonag	967.36	106544	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat limanowski	4.12.16.07	nonag	951.96	121508	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat myślenicki	4.12.16.09	nonag	673.3	116484	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nowosądecki	4.12.16.10	nonag	1550.24	197279	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nowotarski	4.12.16.11	nonag	1474.66	181587	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat suski	4.12.16.15	nonag	685.75	82016	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	lv-mot	<lv	lto-tv	lto-tv
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PL	Powiat wadowicki	4.12.16.18	nonag	657.81	154201	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Nowy Sącz	4.12.16.62	nonag	57.06	84729	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Aglomeracja Krakowska	4.12.17.00	ag	326.84	756629	<lv	>lv	-	-	<lv	>mot	-	>lv	>lv	<lv	lv-mot	<lv	lto-tv	-
PL	Powiat ciechanowski	4.14.18.02	nonag	1062.62	93921	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat gostyniński	4.14.18.04	nonag	615.56	49393	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat mławski	4.14.18.13	nonag	1171.15	75871	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat płocki	4.14.18.19	nonag	1798.71	107471	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat płoński	4.14.18.20	nonag	1383.67	90639	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sierpecki	4.14.18.27	nonag	852.89	55983	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat żuromiński	4.14.18.37	nonag	805.01	42079	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Płock	4.14.18.62	nonag	88.06	130609	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat łosicki	4.14.19.10	nonag	771.77	34684	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat makowski	4.14.19.11	nonag	1064.56	49363	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat ostrołęcki	4.14.19.15	nonag	2099.32	84976	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat ostrowski	4.14.19.16	nonag	1224.68	78657	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat przasnyski	4.14.19.22	nonag	1217.82	55225	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat pułtuski	4.14.19.24	nonag	829.51	51673	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat siedlecki	4.14.19.26	nonag	1603.22	81693	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sokołowski	4.14.19.29	nonag	1131.42	60663	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat węgrowski	4.14.19.33	nonag	1219.18	70794	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wyszkowski	4.14.19.35	nonag	876.49	72170	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Ostrołęka	4.14.19.61	nonag	29	55659	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Siedlce	4.14.19.64	nonag	31.87	76820	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat grodziski	4.14.20.05	nonag	366.87	73226	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat grójecki	4.14.20.06	nonag	1382.97	108522	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat legionowski	4.14.20.08	nonag	392.78	89559	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat miński	4.14.20.12	nonag	1186.97	153033	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nowodworski	4.14.20.14	nonag	687.85	74565	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat otwocki	4.14.20.17	nonag	615.09	112783	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat piaseczyński	4.14.20.18	nonag	506.89	111455	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat pruszkowski	4.14.20.21	nonag	246.31	137804	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sochaczewski	4.14.20.28	nonag	731.02	84936	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat warszawski zachodni	4.14.20.32	nonag	532.99	90006	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wołomiński	4.14.20.34	nonag	955.37	185770	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat żyrardowski	4.14.20.38	nonag	532.63	76473	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat białobrzeski	4.14.21.01	nonag	639.28	34233	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat garwoliński	4.14.21.03	nonag	1284.29	108793	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kozienicki	4.14.21.07	nonag	916.96	66411	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lipski	4.14.21.09	nonag	747.58	40270	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat przysuski	4.14.21.23	nonag	800.68	46774	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat radomski	4.14.21.25	nonag	1529.75	144233	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat szydłowiecki	4.14.21.30	nonag	469.07	42859	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat zwoleński	4.14.21.36	nonag	571.24	38342	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Radom	4.14.21.63	nonag	111.71	230836	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Aglomeracja Warszawska	4.14.22.00	ag	494	1615369	<lv	<lv	-	-	<lv	>mot	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat brzeski	4.16.23.01	nonag	876.52	93993		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat głubczycki	4.16.23.02	nonag	673.1	53234		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kędzierzyńsko-kozielski	4.16.23.03	nonag	625.28	108599	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	>mot	<lv	>tv	lto-tv
PL	Powiat kluczborski	4.16.23.04	nonag	851.59	72193		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat krapkowicki	4.16.23.05	nonag	442.35	72531	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	lv-mot	<lv	lto-tv	lto-tv
PL	Powiat namysłowski	4.16.23.06	nonag	747.67	44532		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nyski	4.16.23.07	nonag	1223.87	149264		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat oleski	4.16.23.08	nonag	973.62	70974		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat opolski	4.16.23.09	nonag	1586.82	138860		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat prudnicki	4.16.23.10	nonag	571.16	62308		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat strzelecki	4.16.23.11	nonag	744.28	85426		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Opole	4.16.23.61	nonag	96.21	128591	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat dębicki	4.18.24.03	nonag	776.36	133734		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kolbuszowski	4.18.24.06	nonag	773.93	61163	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat leżajski	4.18.24.08	nonag	583.01	70258	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat łańcucki	4.18.24.10	nonag	451.95	78098	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat mielecki	4.18.24.11	nonag	880.21	135299	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat niżański	4.18.24.12	nonag	785.58	67594	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat ropczycko-sędziszowski	4.18.24.15	nonag	548.89	71564	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat rzeszowski	4.18.24.16	nonag	1218.8	168903	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat stalowowolski	4.18.24.18	nonag	832.92	114908	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tarnobrzeski	4.18.24.20	nonag	520.02	55826	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Rzeszów	4.18.24.63	nonag	53.7	162153	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Tarnobrzeg	4.18.24.64	nonag	85.83	51188	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat bieszczadzki	4.18.25.01	nonag	1973.03	50615		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat brzozowski	4.18.25.02	nonag	540.39	66385		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat jarosławski	4.18.25.04	nonag	1029.15	123956		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat jasielski	4.18.25.05	nonag	912.65	124596	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat krośnieński	4.18.25.07	nonag	923.79	109978	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lubaczowski	4.18.25.09	nonag	1308.37	58019	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat przemyski	4.18.25.13	nonag	1213.73	72274	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat przeworski	4.18.25.14	nonag	698.35	79740	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sanocki	4.18.25.17	nonag	1225.12	95738	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat strzyżowski	4.18.25.19	nonag	503.36	62633	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat leski	4.18.25.21	nonag	835	26593	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Krosno	4.18.25.61	nonag	43.48	48791	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat m. Przemyśl	4.18.25.62	nonag	43.66	67955	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Aglomeracja Białostocka	4.20.26.00	ag	89.75	291800	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat augustowski	4.20.26.01	nonag	1658.27	59000	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat białostocki	4.20.26.02	nonag	2986.96	139854		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat bielski	4.20.26.03	nonag	1385.2	60300		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat hajnowski	4.20.26.05	nonag	1623.65	48400	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat moniecki	4.20.26.08	nonag	1384.28	43100		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sejneński	4.20.26.09	nonag	856.07	21400		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat siemiatycki	4.20.26.10	nonag	1459.58	48800		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sokólski	4.20.26.11	nonag	2054.42	72700		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat suwalski	4.20.26.12	nonag	1307.57	35200		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Suwałki	4.20.26.63	nonag	65.24	69200	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat grajewski	4.20.27.04	nonag	967.24	51569	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kolneński	4.20.27.06	nonag	939.73	39800		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat łomżyński	4.20.27.07	nonag	1353.93	50900		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wysokomazowiecki	4.20.27.13	nonag	1281.87	59900		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat zambrowski	4.20.27.14	nonag	733.11	44900		<lv	<lv			<lv	<lv		<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Łomża	4.20.27.62	nonag	32.71	63800	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat bytowski	4.22.28.01	nonag	2192.81	77294	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat chojnicki	4.22.28.02	nonag	1364.25	91541	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat człuchowski	4.22.28.03	nonag	1574.41	58918	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lęborski	4.22.28.08	nonag	706.99	65997	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat słupski	4.22.28.12	nonag	2304	95063	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Słupsk	4.22.28.63	nonag	43.15	101894	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat gdański	4.22.29.04	nonag	793.17	78869	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat kościerski	4.22.29.06	nonag	1165.85	66617	<lv	<lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat malborski	4.22.29.09	nonag	1225.48	108954	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat starogardzki	4.22.29.13	nonag	1345.28	123143	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tczewski	4.22.29.14	nonag	697.54	114505	<lv	>lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat wejherowski	4.22.29.15	nonag	1282.62	175286	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sztumski	4.22.29.16	nonag	642.1	42043	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Aglomeracja Trójmiejska	4.22.30.00	ag	414.83	752358	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat częstochowski	4.24.31.04	nonag	1519.5	133900	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
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PL	Powiat myszkowski	4.24.31.09	nonag	478.62	72100		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Częstochowa	4.24.31.64	nonag	159.61	248032	<lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat bielski	4.24.32.02	nonag	457.23	149400		<lv	<lv			<lv	<lv	<lv	<lv	<lv	lv-mot	<lv	lto-tv	lto-tv
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CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat żywiecki	4.24.32.17	nonag	1034	149400	>lv	>lv	<lv		<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Bielsko-Biała	4.24.32.61	nonag	124.93	176900	<lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	lv-mot	<lv	lto-tv	-
PL	Aglomeracja Górnośląska	4.24.33.00	ag	1217	2016000	<lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	>tv	-
PL	Powiat będziński	4.24.33.01	nonag	354	151300		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat gliwicki	4.24.33.05	nonag	663.35	115600		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lubliniecki	4.24.33.07	nonag	822.13	76800		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat mikołowski	4.24.33.08	nonag	231.53	90700		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat pszczyński	4.24.33.10	nonag	473.46	104100		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat tarnogórski	4.24.33.13	nonag	642.74	138600		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat zawierciański	4.24.33.16	nonag	1003.3	124900		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Aglomeracja Rybnicko-Jastrzębska	4.24.45.00	ag	298.34	300700	>lv	>lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat raciborski	4.24.45.11	nonag	543.98	112600		<lv	<lv			<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat rybnicki	4.24.45.12	nonag	224.63	73400		<lv	<lv			<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat jędrzejowski	4.26.34.02	nonag	1257	89304	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kazimierski	4.26.34.03	nonag	422	35770		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat konecki	4.26.34.05	nonag	1140	84239		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PL	Powiat pińczowski	4.26.34.08	nonag	613	42127		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat sandomierski	4.26.34.09	nonag	676	81733		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat skarżyski	4.26.34.10	nonag	395	80024		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat starachowicki	4.26.34.11	nonag	523	94395		<lv	<lv			<lv	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat staszowski	4.26.34.12	nonag	925	74004		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat włoszczowski	4.26.34.13	nonag	908	47137		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Kielce	4.26.34.61	nonag	110	207718	<lv	<lv	-	-	<lv	<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat braniewski	4.28.35.02	nonag	1204.54	44299	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat działdowski	4.28.35.03	nonag	953.18	65298	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat elbląski	4.28.35.04	nonag	1430.55	56429	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat iławski	4.28.35.07	nonag	1385	89734	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nowomiejski	4.28.35.12	nonag	695.01	43438	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat ostródzki	4.28.35.15	nonag	1764.89	105683	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Elbląg	4.28.35.61	nonag	79.52	127732	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat bartoszycki	4.28.36.01	nonag	1308.54	62023	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat kętrzyński	4.28.36.08	nonag	1212.97	67110	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat lidzbarski	4.28.36.09	nonag	924.42	43299	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat mrągowski	4.28.36.10	nonag	1065.23	50339	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat nidzicki	4.28.36.11	nonag	960.7	34039	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat olsztyński	4.28.36.14	nonag	2840.29	112102	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat szczycieński	4.28.36.17	nonag	1933.1	69536	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat m. Olsztyn	4.28.36.62	nonag	87.89	173350	<lv	<lv	-	-	<lv	<lv	-	<lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat ełcki	4.28.37.05	nonag	1111.87	84077	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat giżycki	4.28.37.06	nonag	2017.19	56926	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat olecki	4.28.37.13	nonag	1776.17	34269	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat piski	4.28.37.16	nonag	1776.17	57616	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat gołdapski	4.28.37.18	nonag	755	27179	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat węgorzewski	4.28.37.19	nonag	693	23907	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
PL	Powiat chodzieski	4.30.38.01	nonag	679.71	47503		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat czarnkowsko-trzcianecki	4.30.38.02	nonag	1808.19	87725		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat pilski	4.30.38.19	nonag	1267.97	138529	<lv	<lv	<lv		<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wągrowiecki	4.30.38.28	nonag	1040.8	68252		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat złotowski	4.30.38.31	nonag	1660.91	70474		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat gnieźnieński	4.30.39.03	nonag	1254.34	141773		<lv	<lv			<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat grodziski	4.30.39.05	nonag	643.72	48846		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat kościański	4.30.39.11	nonag	722.53	78375		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat leszczyński	4.30.39.13	nonag	804.65	48774		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat międzychodzki	4.30.39.14	nonag	736.66	36717		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat nowotomyski	4.30.39.15	nonag	1011.67	71705		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat obornicki	4.30.39.16	nonag	712.65	55974		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat poznański	4.30.39.21	nonag	1899.61	259418		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat szamotulski	4.30.39.24	nonag	1119.55	86067		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat średzki	4.30.39.25	nonag	623.18	55010		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat śremski	4.30.39.26	nonag	574.68	58599		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wolsztyński	4.30.39.29	nonag	680.03	55043		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat wrzesiński	4.30.39.30	nonag	704.19	74251		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat m. Leszno	4.30.39.63	nonag	31.9	63310		<lv	-	-		<lv	-	>lv	<lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat gostyński	4.30.40.04	nonag	810.34	76484		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat jarociński	4.30.40.06	nonag	587.7	71136		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat kaliski	4.30.40.07	nonag	1160.02	80783		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat kępiński	4.30.40.08	nonag	608.39	55599		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PL	Powiat krotoszyński	4.30.40.12	nonag	714.23	77796		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat ostrowski	4.30.40.17	nonag	1160.65	160154		<lv	<lv			<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat ostrzeszowski	4.30.40.18	nonag	772.37	54686		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat pleszewski	4.30.40.20	nonag	711.91	62219		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat rawicki	4.30.40.22	nonag	553.23	59653		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat m. Kalisz	4.30.40.61	nonag	69.77	107673		<lv	-	-		<lv	-	>lv	>lv	<lv	<lv	<lv	lto-tv	-
PL	Powiat kolski	4.30.41.09	nonag	1011.03	91168		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
PL	Powiat koniński	4.30.41.10	nonag	1578.71	121740		<lv	<lv			<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	lto-tv
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PL	Powiat wałecki	4.32.44.17	nonag	1414	54800	<lv	<lv	<lv		<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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PT	Braga	PT1001	ag	84	114259	<lv	<lv			<lv	<lv		>lv	>lv	-	<lv	<lv	lto-tv	
PT	Vale do Ave	PT1002	ag	399	322444	<lv	<lv			<lv	<lv		>lv	>lv	-	<lv	<lv	>tv	
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CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
PT	Norte Litoral	PT1005	nonag	5030	1011201	<lv	<lv			<lv	<lv		<lv	<lv	-	<lv	-	>tv	
PT	Norte Interior	PT1006	nonag	14830	643606	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-	<lv	-	>tv	>tv
PT	Aveiro/Ílhavo	PT2001	ag	120	72.169	<lv	<lv			<lv	<lv		<lv	<lv	-	<lv	<lv	>tv	
PT	Coimbra	PT2002	ag	63	86751	<lv	<lv			<lv	<lv		<lv	<lv	-			>tv	
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PT	Centro Litoral	PT2004	nonag	5424	660132	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-		-	>tv	
PT	Centro Interior	PT2005	nonag	17395	767113	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	-		-	>tv	>tv
PT	Área Metropolitana de Lisboa Norte	PT3001	ag	482	1740288	<lv	<lv			>mot	>mot		>lv	>lv	-	<lv	<lv	lto-tv	
PT	Área Metropolitana de Lisboa Sul	PT3002	ag	217	422436	<lv	<lv			<lv	<lv		>lv	<lv	-	<lv	<lv	lto-tv	
PT	Setúbal	PT3003	ag	51	85289	<lv	<lv			<lv	<lv		>lv	<lv	-	<lv	<lv	lto-tv	
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PT	Alentejo Interior	PT4002	nonag	21903	450843	<lv	<lv			<lv	<lv		<lv	<lv	-	-	-	lto-tv	
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PT	Faro/Olhão	PT5003	ag	152	99483	<lv	<lv			<lv	<lv		<lv	<lv	-	<lv	<lv	lto-tv	<lto
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PT	Funchal	PT6001	ag	102	149527	<lv	<lv			<lv	lv-mot		<lv	<lv	-		<lv	<lto	
PT	Madeira/ Porto Santo	PT6002	nonag	641	86188	<lv	<lv			<lv	<lv		<lv	<lv	-	-	<lv		
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RO	Iasi	RO0101	ag	446	389423	<lv	<lv	-	-	<lv	<lv	-	>lv	<lv	<lv	<lv	<lv	>tv	-
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SE	Zone Middle	SW2	nonag	59601	2041000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
SE	Zone South	SW3	nonag	73804	2736000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
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SE	Göteborg	SW5	ag	1892	713000	<lv	<lv	<lv	<lv	<lv	>mot	<lv	>lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
SE	Malmö	SW6	ag	912	453000	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	lto-tv	lto-tv
SI	Panonsko	SI1	nonag	3360	316728	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
SI	Alpsko in Panonsko	SI2	nonag	4574	440871	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv
SI	Velenjska kotlina	SI2a	nonag	197	45200	>lv	<lv	>lv	>lv				-	-	-	-	-	-	-
SI	Zasavje	SI2b	nonag	264	45360	<lv	<lv	<lv	<lv				-	-	-	-	-	-	-

CC	zone name	zone code	type	area	pop	SO2-1h	SO2-d	SO2-yr	SO2-W	NO2-h	NO2-y	NOx-y	PM10-d	PM10-y	Lead	Benz	CO	O3-H	O3-V
SI	Spodnjesavsko	SI2c	nonag	345	28060	>lv	>lv	>lv	>lv	-	-	-	-	-	-	-	-	-	-
SI	Alpsko - Dinarsko	SI3	nonag	7092	550496	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>tv	>tv
SI	Sredozemsko	SI4	nonag	4825	270824	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
SI	Ljubljana	SIL	ag	275	270227	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
SI	Maribor	SIM	ag	147	114890	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	>lv	<lv	<lv	<lv	lto-tv	<lto
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SK	Bratislavský kraj	SKBA02	nonag	1685	180662	<lv	<lv			<lv	<lv		>lv	<lv	<lv	<lv	<lv	lto-tv	
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SK	Prešovský kraj	SKPR01	nonag	8993	800483	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	<lv	<lv	<lv	<lv	>tv	>tv
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SK	Žilinský kraj	SKZI01	nonag	6788	695326	<lv	<lv	<lv	<lv	<lv	<lv	<lv	>lv	>lv	<lv	<lv	<lv	>tv	>tv

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