TECHNICAL REPORT

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Summary of the 2014 Data Collection on Contaminant Occurrence Data

European Food Safety Authority

Abstract

A qualitative analysis of the 2014 annual collection of analytical results on chemical contaminants in food and feed covering the sampling year 2013 was performed. Data are submitted annually to EFSA by European data providers to support EFSA's work programme in the area of contaminants. Overall, 465 754 analytical results were submitted. The analyses were performed on 106 809 samples collected by different European organisations. The data providers were academic, governmental and commercial organisations; more than 98 % of the data were analytical results submitted by governmental organisations. The report provides an overview of the number of results reported by substance, country of the data provider and FoodEx1 food or feed group; the distribution of results by country of the data provider is also presented.

Key words: Data Collection, Contaminant Occurrence

Requestor: EFSA

Question number: EFSA-Q-2015-00725

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1. Introduction

1.1. Background and Terms of Reference as provided by the requestor

1.1.1. Background

In the framework of Articles 23 and 33 of Regulation (EC) No 178/2002, as amended, the European Food Safety Authority (EFSA) has received from the European Commission (EC) mandate to collect, on a continuous basis, all available data on occurrence of different chemical contaminants in food and feed (mandates M-2009-0131, M-2010-0374). In particular, in mandate M-2010-0374[1] the Commission summarises the scope of the continuous data collection by referring to previous mandates and indicating additional substances.

The permanent data collection exercise could in principle encompass the whole field of contaminants in feed and food. However, to focus the work, it is appropriate also for the competent authorities and stakeholder organisations which have to provide data, to identify specific topics for which a permanent occurrence data collection exercise is to be set up. On this basis, a call for continuous collection of data was issued by EFSA in 2010 for a list of chemical contaminants, including a backlog of data not yet included in the EFSA database. This call is published on the EFSA website. In addition, calls for data on specific substances are issued when required.

1.1.2. Terms of reference

National food authorities, academia, food business operators and other stakeholders are invited to submit chemical occurrence data to EFSA through a call for continuous collection of chemical contaminant occurrence data in food and feed on the EFSA website (http://www.efsa.europa.eu/en/data/call/datex101217.htm). The call covers several contaminants including those for which Commission Recommendations on chemical occurrence monitoring are in place.

2. Data and Methodologies

2.1. Data

Collecting, collating, analysing and summarising data on food consumption and chemical and biological hazards occurrence are core tasks of EFSA as stated in Regulation (EC) No 178/2002, as amended[2]. An additional core task is serving as a central repository for pan-European data to undertake exposure assessments. EFSA has consequently launched a series of harmonisation activities in the area of food consumption and chemical occurrence data collection to facilitate the collection of data for use in EFSA exposure assessments.

In the domain of contaminant occurrence they include:

- The Standard Sample Description (SSD) (EFSA, 2010a; EFSA, 2013a) – the EFSA standard for transmission of occurrence data – and Guidance on Data Exchange (GDE) (EFSA 2010b) - electronic data transmission in SSD format. A series of Article 36 grants were launched by EFSA to support the implementation of the SSD and the electronic data transmission from all European data providers to EFSA.

Based on this common harmonised standard, data on chemical contaminants are collected on a yearly basis. Every year the results on food and feed sampled and analysed in the previous year are submitted to EFSA with a deadline of 1 October. The results are stored in the EFSA European chemical occurrence database if they comply with the SSD standard, including the specific requirements defined for different substance classes. The present report is based on data with sampling year 2013 as recorded in the SAMPY variable of the SSD (thus constituting the core of the 2014 data collection) which were extracted from the EFSA European chemical occurrence database on 8 September 2015

[1] available at http://registerofquestions.efsa.europa.eu/roqFrontend

[2] Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety, as amended. OJ L 31, 1.2.2002, p. 1-24.

and updated with the latest re-submissions in December 2015. Many substance groups for chemical contaminants are present in the PARAMCODE catalogue of the SSD and are organised in a hierarchy with different levels of aggregation. Since a general revision of the PARAMCODE hierarchy is foreseen and different substance groups need to be deprecated, for the present report only the most aggregated groups (the two upper levels of the PARAMCODE hierarchy, level 1 and level 2) and their most relevant sub-groups were chosen; the substance groups considered in the report are listed in Table 1. The sub-groups of the PARAMCODE catalogue not included in Table 1 were aggregated in the upper level group they pertain to. For example, different toxins (e.g. RF-00000065-TOX Okadaic acid, RF-00000066-TOX Dinophysistoxins 1 (DTX1), RF-00000067-TOX Dinophysistoxins 2 (DTX2)) are defined in PARAMCODE as sub-groups of the substance group (RF-00000064-TOX) Okadaic acid group toxins; the results reported for these toxins are all aggregated in the parent group (RF-00000064-TOX) Okadaic acid group toxins.

Table 1 provides for each substance group the code and the name as defined in the PARAMCODE catalogue of the SSD. The substance groups have different indentation to reflect the levels and relationship among groups in the PARAMCODE hierarchy; for each substance group a sequential number facilitates the connection between Table 1 and the following summary sections per substance group.

Not for all the substances listed in Table 1 results were reported to EFSA from sampling year 2013; for substances with no results reported, the corresponding summary section is omitted.

Table 1: Substance groups (from the PARAMCODE catalogue) considered in this report to summarise the number of results reported. For each substance group, the code and corresponding name in the Standard Sample Description catalogue are reported.

No.[(a)]	Code and name of substance group (referred to as parameter in SSD)
1	**(RF-00000001-ORG) POPs[(b)] and other organic contaminants**
2	(RF-00000002-ORG) Alkyl phthalates
3	(RF-00000070-ORG) Aromatic hydrocarbons
4	(RF-00000435-ORG) Brominated dioxins and furans
5	(RF-00000434-ORG) Brominated dibenzo-p-dioxins
6	(RF-00000433-ORG) Brominated dibenzofurans
7	(RF-00000074-ORG) Brominated flame retardants
8	(RF-00000096-ORG) Polybrominated diphenyl ether
9	(RF-00000085-ORG) Polybrominated biphenyl
10	(RF-00000081-ORG) Other brominated flame retardant (BFR)
11	(RF-00000076-ORG) Hexabromocyclodecane (HBCD)
12	(RF-00000075-ORG) Tetrabromobisphenol-A
13	(RF-00000114-ORG) Dioxins and Polychlorinated biphenyls (PCBs
14	(RF-00000003-REP) Toxic equivalents (TEQ) dioxins
15	(RF-00000328-ORG) Dioxins
16	(RF-00000340-ORG) Chlorinated dibenzo-p-dioxins
17	(RF-00000329-ORG) Chlorinated dibenzofurans
18	(RF-00000115-ORG) Polychlorinated biphenyls (PCBs)
19	(RF-00000130-ORG) Non-dioxin-like PCBs
20	(RF-00000125-ORG) Non-ortho substituted PCBs
21	(RF-00000116-ORG) Mono-ortho substituted PCBs
22	(RF-00000003-PAR) Melamine and analogues
23	(RF-00000396-ORG) Mineral oils
24	(RF-00000398-ORG) Mineral oil aromatic hydrocarbons
25	(RF-00000397-ORG) Mineral oil saturated hydrocarbons
26	(RF-00000004-PAR) Organochlorine compounds
27	(RF-0021-001-PPP) Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)
28	(RF-0059-003-PPP) Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62)
29	(RF-0075-001-PPP) Chlordane (sum of *cis*- and *trans*-chlordane)
30	(RF-0119-001-PPP) DDT (sum of p-p-DDT, o p-DDT, p-p-DDE and p-p-TDE (DDD) expressed as DDT)
31	(RF-0155-001-PPP) Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)
32	(RF-0236-001-PPP) Heptachlor (sum of heptachlor and heptachlor epoxide expressed as

No.[a]	Code and name of substance group (referred to as parameter in SSD)
	heptachlor)
33	(RF-00000006-PAR) Hexachlorocyclohexane (HCH) sum of alpha beta and gamma isomers
34	(RF-00000348-ORG) Perfluorinated compounds
35	(RF-00000010-ORG) Phenolic compounds
36	(RF-00001240-PAR) Bisphenol compounds
37	(RF-00000005-REP) Miscellaneous phenolic compounds
38	(RF-00000002-REP) Miscellaneous organic contaminants
39	**(RF-00000001-REP) Process Contaminants**
40	(RF-00000410-ORG) Acrylamide
41	(RF-00000072-ORG) Cyclic hydrocarbons
42	(RF-00000379-ORG) Hydroxymethylfurfural
43	(RF-00000073-ORG) Furan
44	(RF-00000375-ORG) Ethyl carbamate
45	(RF-00000033-ORG) Halogenated hydrocarbons
46	(RF-00002831-PAR) 2-monochloropropane-1-3-diol (2-MCPDs)
47	(RF-00001344-PAR) Glycidyl esters (expressed as glycidol moiety)
48	(RF-00000376-ORG) 3-monochloropropane-1-2-diol (3-MCPDs)
49	(RF-00000004-REP) Other halogenated hydrocarbons
50	(RF-00000040-ORG) Polycyclic aromatic hydrocarbons
51	**(RF-00000001-TOX) Toxins**
52	(RF-00000454-TOX) Toxins, unspecified
53	(RF-00000002-TOX) Bacterial toxins
54	(RF-00000001-BGA) Biogenic amines
55	(RF-00000009-TOX) Marine biotoxins
56	(RF-00001355-PAR) Spirolides
57	(RF-00000451-TOX) Marine biotoxins – muscle-paralysing toxin
58	(RF-00000450-TOX) Marine biotoxins – ciguatoxin
59	(RF-00000129-TOX) Brevetoxins
60	(RF-00000116-TOX) Yessotoxin group toxins
61	(RF-00000090-TOX) Saxitoxin group toxins
62	(RF-00000080-TOX) Pectenotoxin group toxins
63	(RF-00000069-TOX) Palytoxin group toxins
64	(RF-00000064-TOX) Okadaic acid group toxins
65	(RF-00000052-TOX) Domoic acid group toxins
66	(RF-00000044-TOX) Ciguatoxin group toxins
67	(RF-00000043-TOX) Cyclic imine group toxins
68	(RF-00000010-TOX) Azaspiracid- group toxins
69	(RF-00000452-TOX) Mushroom toxins
70	(RF-00000132-TOX) Mycotoxins
71	(RF-00000434-TOX) Mycophenolic acid
72	(RF-00000430-TOX) Ochratoxins
73	(RF-00000210-TOX) Phomopsins
74	(RF-00000209-TOX) Enniatins
75	(RF-00000208-TOX) Beauvericin
76	(RF-00000207-TOX) Citrinin
77	(RF-00000190-TOX) Alternaria toxins
78	(RF-00000189-TOX) Neosolaniol
79	(RF-00000188-TOX) Moniliformine
80	(RF-00000187-TOX) Sterigmatocystins
81	(RF-00000186-TOX) Fusarenon X
82	(RF-00000158-TOX) Fusarium toxins
83	(RF-00000440-TOX) Zearalenone and derivatives
84	(RF-00000433-TOX) Deoxynivalenol and derivatives
85	(RF-00000432-TOX) T-2/HT-2 toxins
86	(RF-00000181-TOX) Fusaric acid
87	(RF-00000174-TOX) Fumonisins
88	(RF-00000166-TOX) Nivalenol
89	(RF-00000163-TOX) Diacetoxyscirpenol
90	(RF-00000157-TOX) Patulin
91	(RF-00000149-TOX) Aflatoxins

No.[(a)]	Code and name of substance group (referred to as parameter in SSD)
92	(RF-00000133-TOX) Ergot alkaloids
93	(RF-00000223-TOX) Phytotoxins
94	(RF-00000006-REP) Tetrahydrocannabinol (THC) and related substances
95	(RF-00002598-PAR) Delta-9-tetrahydrocannabinol
96	(RF-00000007-REP) Miscellaneous phytotoxins
97	(RF-00000330-TOX) Glucosinolates
98	(RF-00000249-TOX) Opium alkaloids
99	(RF-00000245-TOX) Tropane alkaloids
100	(RF-00000230-TOX) Pyrrolizidine alkaloids
101	**(RF-00000001-CHE) Chemical elements (including derivatives) and others**
102	(RF-00000123-CHE) Aluminium and derivatives
103	(RF-00000125-CHE) Antimony and derivatives
104	(RF-00000127-CHE) Arsenic and derivatives
105	(RF-00000135-CHE) Inorganic arsenic
106	(RF-00000132-CHE) Organic arsenic
107	(RF-00000129-CHE) Total arsenic
108	(RF-00000142-CHE) Barium and derivatives
109	(RF-00000144-CHE) Beryllium and derivatives
110	(RF-00000146-CHE) Boron and derivatives
111	(RF-00000002-CHE) Bromine and derivatives
112	(RF-00000149-CHE) Cadmium and derivatives
113	(RF-00000006-CHE) Calcium and derivatives
114	(RF-00000013-CHE) Chlorine and derivatives
115	(RF-00000015-CHE) Chlorates
116	(RF-00001336-PAR) Perchlorate
117	(RF-00000151-CHE) Chromium and derivatives
118	(RF-00000159-CHE) Chromium (VI)
119	(RF-00000156-CHE) Chromium (III)
120	(RF-00000154-CHE) Total chromium
121	(RF-00000160-CHE) Cobalt and derivatives
122	(RF-00000166-CHE) Copper and derivatives
123	(RF-00000020-CHE) Cyanide and derivatives
124	(RF-00000025-CHE) Fluorine and derivatives
125	(RF-00000048-CHE) Iodine and derivatives
126	(RF-00000163-CHE) Iron and derivatives
127	(RF-00000173-CHE) Lead and derivatives
128	(RF-00000171-CHE) Lithium and derivatives
129	(RF-00000059-CHE) Magnesium and derivatives
130	(RF-00000175-CHE) Manganese and derivatives
131	(RF-00000169-CHE) Mercury and derivatives
132	(RF-00001725-PAR) Methylmercuric chloride
133	(RF-00000251-CHE) Inorganic mercury
134	(RF-00000250-CHE) Methylmercury
135	(RF-00000170-CHE) Total mercury
136	(RF-00000178-CHE) Molybdenum and derivatives
137	(RF-00000181-CHE) Nickel and derivatives
138	(RF-00000080-CHE) Nitrogen and derivatives
139	(RF-00000087-CHE) Nitrites
140	(RF-00000085-CHE) Nitrate
141	(RF-00001449-PAR) Palladium and derivatives
142	(RF-00000029-CHE) Phosphorus and derivatives
143	(RF-00000052-CHE) Potassium and derivatives
144	(RF-00000001-RAD) Radioactivity and isotopes
145	(RF-00000183-CHE) Selenium and derivatives
146	(RF-00000071-CHE) Silica and derivatives
147	(RF-00000202-CHE) Silver and derivatives
148	(RF-00000066-CHE) Sodium derivatives
149	(RF-00000188-CHE) Strontium and derivatives
150	(RF-00000110-CHE) Sulphur and derivatives
151	(RF-00000190-CHE) Thallium and derivatives

No.[a]	Code and name of substance group (referred to as parameter in SSD)
152	(RF-00000192-CHE) Tin and derivatives
153	(RF-00000266-CHE) Organic tin
154	(RF-00000252-CHE) Inorganic tin
155	(RF-00000193-CHE) Tin (Sn) (total)
156	(RF-00000194-CHE) Titanium and derivatives
157	(RF-00000200-CHE) Tungsten and derivatives
158	(RF-00000196-CHE) Uranium and derivatives
159	(RF-00000103-CHE) Urea and derivatives
160	(RF-00000198-CHE) Vanadium and derivatives
161	(RF-00000204-CHE) Zinc and derivatives

(a) Sequential number given to the substance group to facilitate navigating the summary sections.
(b) POPs = persistent organic pollutants.

2.2. Methodologies

The number of samples and results reported (frequency of reporting) by substance group, by country and by food group were analysed using SAS® Statistical Software.

The frequency of reporting by country is presented in the form of tables. It is also presented in graphical form in a colour scale on a European map adapted from the SAS standard Table for Europe as shown in Figure 1.

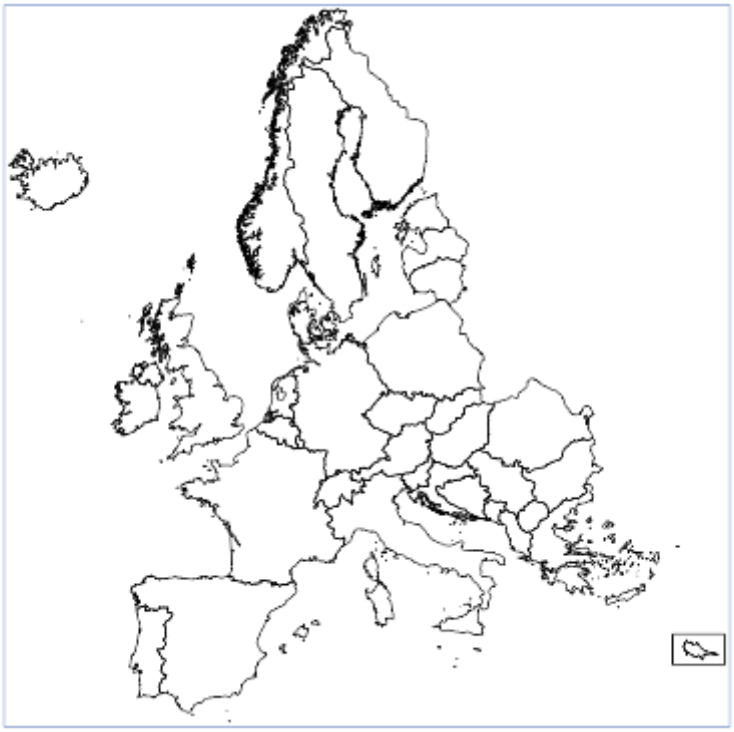

Figure 1: Map of Europe used to plot in colour scale the contribution of different countries to data collection.

The number of results reported per country is represented by colour intensity; a relative colour scale with 10 steps was adopted as shown in Table 2.

Table 2: Colour steps used to represent graphically on the map of Europe the contribution of results reported from different countries in the dataset. The colours are defined with the RGB[(a)] scale.

Step	Colour	R	G	B
Step 1		255	255	255
Step 2		245	245	255
Step 3		214	214	250
Step 4		192	192	236
Step 5		169	169	222
Step 6		145	145	208
Step 7		94	94	176
Step 8		35	35	130
Step 9		0	0	100
Step 10		0	0	0

(a): RGB is an additive colour mode in which each colour is represented by a combination in different proportions of red, green and blue light. The amount of each component is represented in the table in a scale from 0 to 255.

Step 1 colour was used for countries with no data; step 10 colour was used for the country with the highest frequency of reporting. The other colours were attributed proportionally to the maximum value (represented by step 10 colour) in the respective table. The colour scale ranges between maximum and minimum values in each single map therefore comparison of colours among different maps is not appropriate.

For each table by country, two maps were created, the first using the number of results as such, the second re-calculating the Number of results on 'population basis (i.e. dividing by the population of the respective country and multiplying by 10 000 000). For this purpose, the population of the European countries at January 2014 was extracted from the Eurostat database[3]. The data on the population of the European countries are shown in Table 3 and on the map of Europe in Figure 2.

Table 3: European population in January 2014 (based on Eurostat data).

Country	Country acronym	Population at January 2014
Austria	AT	8 506 889
Belgium	BE	11 203 992
Bulgaria	BG	7 245 677
Croatia	HR	4 246 809
Cyprus	CY	858 000
Czech Republic	CZ	10 512 419
Denmark	DK	5 627 235
Estonia	EE	1 315 819
Finland	FI	5 451 270
France	FR	65 835 579
Germany	DE	80 767 463
Greece	GR	10 926 807
Hungary	HU	9 877 365
Iceland	IS	325 671
Ireland	IE	4 605 501
Italy	IT	60 782 668
Latvia	LV	2 001 468
Lithuania	LT	2 943 472
Luxembourg	LU	549 680
Malta	MT	425 384
Netherlands	NL	16 829 289
Norway	NO	5 107 970
Poland	PL	38 017 856

[3] http://ec.europa.eu/eurostat/data/database accessed on 10 September 2015.

Country	Country acronym	Population at January 2014
Portugal	PT	10 427 301
Romania	RO	19 947 311
Slovakia	SK	5 415 949
Slovenia	SI	2 061 085
Spain	ES	46 512 199
Sweden	SE	9 644 864
United Kingdom	GB	64 308 261

Figure 2: Colour map of the European population at January 2014 (Eurostat data).

Different organisations were the data providers, many of which were governmental and some were academia or commercial organisation. The country of the data provider was considered as the country of origin of the data and is reflected in the tables and maps. As different European industry associations covering specific food sectors across countries were among the data providers, the results provided by these industry associations were generically attributed to the European Union; in the colour maps, their contribution is represented by the colour of the background box.

3. Summary of the 2014 data collection

The 2014 contaminant occurrence data collection included 465 754 analytical results measured on 106 809 different samples collected in 2013 by different organisations in various European countries. The organisations contributing to the 2014 data collection are listed in Table 4.

Table 4: Organisations which provided data for the 2014 data collection from sampling year 2013.

Acronym	Organisation	Country
AGES	Austrian Agency for Health and Food Safety	Austria
FVPHouse	Belgapom/Vegebe/Fresh Trade Belgium	Belgium
UGENT	Ghent University	Belgium
BFSA	Bulgarian Food Safety Agency	Bulgaria
CFA	Croatian Food Agency	Croatia
SGL	Ministry of Health - State General Laboratory	Cyprus
NIPH	National Institute of Public Health - Centre for Health, Nutrition and Food	Czech Republic
DTU	National Food Institute - The Technical University of Denmark	Denmark
VFB	Veterinary and Food Board	Estonia
FEDIOL	EU Vegetable Oil and Proteinmeal Industry Federation	European Union
CEEREAL	European Breakfast Cereal Association	European Union
ECF	European Coffee Federation	European Union
ESA	European Snacks Association	European Union
FDE	Food Drink Europe	European Union
Freshfel	Freshfel European Fresh Produce Association	European Union
PROFEL	PROFEL	European Union
SNE	Specialised Nutrition Europe	European Union
EVIRA	Finnish Food Safety Authority	Finland
ETL-FI	Finnish Food and Drink Industries' Federation	Finland
ANSES	French Agency for Food, Environmental and Occupational Health & Safety	France
BFR	Federal Institute for Risk Assessment	Germany
BVL	Federal Office of Consumer Protection and Food Safety	Germany
LCI	Lebensmittelchemisches Institut des Bundesverbandes der Deutschen Süßwarenindustrie Köln	Germany
QS	QS Fachgesellschaft Obst-Gemüse-Kartoffeln GmbH	Germany
VDG	Verband Deutscher Großbäckereien e.V.	Germany
NFCSO	National Food Chain Safety Office	Hungary
AGFOOD	Department of Agriculture, Food and the Marine	Ireland
FSAI	The Food Safety Authority of Ireland	Ireland
MSAL	Ministry of Health	Italy
NMVRVI	National Food and Veterinary Risk Assessment Institute	Lithuania
MSAN	Ministry of Health	Luxembourg
MCCAA	Malta Competition and Consumer Affairs Authority	Malta
FRUGIVENTA	FRUGI VENTA Groenten en Fruit Handelsplatform Nederland	Netherlands
RIVM	National Institute for Public Health and the Environment - Ministry of Health, Welfare and Sport	Netherlands
RIKILT	RIKILT - Institute of Food Safety	Netherlands
NIFES	National Institute of Nutrition and and Seafood Research	Norway
NVRI	National Veterinary Research Institute	Poland
INSA	Instituto Nacional de Saúde Dr. Ricardo Jorge	Portugal
ANSVSA	National Sanitary Veterinary and Food Safety Authority	Romania
VUP	Food Research Institute, National Agricultural and Food Centre	Slovakia
UVHVVR	Ministry of Agriculture and the Environment -Administration of the Republic of Slovenia for food safety, veterinary sector and plant protection	Slovenia
UM	University of Maribor-Slovenia	Slovenia
AECOSAN	Agencia Española de Consumo, Seguridad Alimentaria y Nutrición	Spain
SLV	National Food Agency	Sweden
FERA	Food and Environment Research Agency	United Kingdom
FSA	Food Standards Agency	United Kingdom

The distribution of the data by type of data provider (academia, commercial organisations and governmental institutions) is shown in Table 5. Most of the results were submitted by governmental institutions (> 98 % of the total), with fewer data from academia and commercial organisations.

Table 5: Frequency of reporting in the 2014 data collection (results from 2013) by type of data provider and by country.

Country	Number of results by data provider type		
	Academia	Commercial	Governmental
Austria			18216
Belgium	516	66	
Bulgaria			7608
Croatia			10128
Cyprus			3460
Czech Republic			34239
Denmark			19805
Estonia			711
European Union[(a)]		2512	
Finland		29	4162
France			72520
Germany		2364	163512
Hungary			18624
Ireland			9413
Italy			1857
Lithuania			3719
Luxembourg			1324
Malta			620
Netherlands		857	7399
Norway			13484
Poland			8072
Portugal			5117
Romania			8240
Slovakia			14943
Slovenia	1305		7664
Spain			12526
Sweden			3226
United Kingdom			7516
Total	*1821*	*5479*	*453059*

(a): European Union is used for organisations operating across different countries like European food business associations

The first data (approximately 5%) were submitted already during the year of sampling, in June 2013, as an answer to specific requests for data, while the most recent data (re-)submissions date December 2015. The majority of data were submitted between June 2014 and end of 2014 with a peak around September–October; this reflects the efforts of the data providers to comply with the annual deadline of 1 October. Overall about 80% of the data were submitted by October 2014 (including October submissions). The date of submission refers to the data presently included in the database. If the data were replaced or updated after the first submission the submission date is the date of the last submission. This explains the presence of several submissions in 2015. An overview of the frequency of data submissions by month is provided in Figure 3.

Almost 88 % of the data were fully compliant with the SSD reporting standard and 75% were SSD-compliant and transmitted as XML. The remaining data were reported either in MS Excel® Simplified Reporting Format[4] (8.5%) or in other non-SSD formats (3.7 %) and needed further processing by EFSA to be converted into fully compliant SSD format prior to acceptance in the EFSA database.

[4] available at http://www.efsa.europa.eu/sites/default/files/assets/GenericReportingFormat.xls

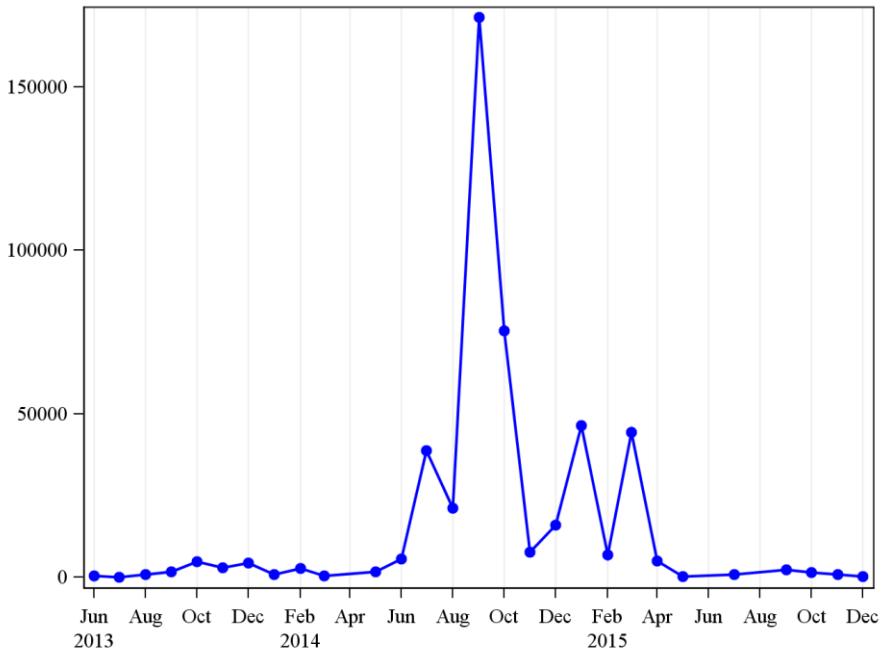

Figure 3: Overview of the number of results on chemical contaminants with sampling year 2013 submitted to EFSA by month of submission.

Analytical results were reported for many different substance groups with a predominance of persistent organic pollutants and other organic contaminants, followed by toxins. The SSD catalogue of substances (PARAMCODE) is organised in different levels of aggregation depending on the substance group. The frequency of reporting by level 1 and 2 of the PARAMCODE catalogue of the SSD is summarised in Table 6.

Table 6: Number of results reported by substance group at level 1 and 2 of the PARAMCODE catalogue of the SSD.

Parameter level 1	Parameter level 2	n
(RF-00000001-ORG) POPs[(a)] and other organic contaminants		*218581*
	(RF-00000070-ORG) Aromatic hydrocarbons	82
	(RF-00000074-ORG) Brominated flame retardants	3653
	(RF-00000114-ORG) Dioxins and PCBs	189898
	(RF-00000003-PAR) Melamine and analogues	210
	(RF-00000004-PAR) Organochlorine compounds	20073
	(RF-00000348-ORG) Perfluorinated compounds	4198
	(RF-00000002-REP) Miscellaneous organic contaminants	467
(RF-00000001-REP) Process Contaminants		*28201*
	(RF-00000410-ORG) Acrylamide	3397
	(RF-00000072-ORG) Cyclic hydrocarbons	468
	(RF-00000375-ORG) Ethyl carbamate	442
	(RF-00000033-ORG) Halogenated hydrocarbons	2037
	(RF-00000040-ORG) Polycyclic aromatic hydrocarbons	21857
(RF-00000001-TOX) Toxins		*124183*
	(RF-00000001-BGA) Biogenic amines	1369
	(RF-00000009-TOX) Marine biotoxins	118
	(RF-00000132-TOX) Mycotoxins	114335
	(RF-00000223-TOX) Phytotoxins	8361
(RF-00000001-CHE) Chemical elements (including derivatives) and others		*94789*
	(RF-00000123-CHE) Aluminium and derivatives	468

Parameter level 1	Parameter level 2	n
	(RF-00000125-CHE) Antimony and derivatives	154
	(RF-00000127-CHE) Arsenic and derivatives	9601
	(RF-00000142-CHE) Barium and derivatives	42
	(RF-00000146-CHE) Boron and derivatives	156
	(RF-00000149-CHE) Cadmium and derivatives	24163
	(RF-00000006-CHE) Calcium and derivatives	110
	(RF-00000013-CHE) Chlorine and derivatives	8495
	(RF-00000151-CHE) Chromium and derivatives	530
	(RF-00000166-CHE) Copper and derivatives	403
	(RF-00000025-CHE) Fluorine and derivatives	243
	(RF-00000048-CHE) Iodine and derivatives	141
	(RF-00000163-CHE) Iron and derivatives	314
	(RF-00000173-CHE) Lead and derivatives	24446
	(RF-00000059-CHE) Magnesium and derivatives	110
	(RF-00000175-CHE) Manganese and derivatives	299
	(RF-00000169-CHE) Mercury and derivatives	13816
	(RF-00000178-CHE) Molybdenum and derivatives	110
	(RF-00000181-CHE) Nickel and derivatives	804
	(RF-00000080-CHE) Nitrogen and derivatives	7149
	(RF-00000029-CHE) Phosphorus and derivatives	110
	(RF-00000052-CHE) Potassium and derivatives	500
	(RF-00000183-CHE) Selenium and derivatives	959
	(RF-00000202-CHE) Silver and derivatives	32
	(RF-00000066-CHE) Sodium derivatives	638
	(RF-00000110-CHE) Sulphur and derivatives	115
	(RF-00000192-CHE) Tin and derivatives	525
	(RF-00000204-CHE) Zinc and derivatives	356
Total		*465754*

(a) POPs = persistent organic pollutants.

The following sections show the frequency of reporting (number of analytical results and number of samples) by different points of view:

- by country of the data provider in tabular format;
- by country of the data provider as a colour map proportional to the number of reported analytical results;
- by country of the data provider as a colour map proportional to the number of reported analytical results normalised to the country's population;
- by FoodEx1 food group.

The first set of tables and maps shows the overall analysis for all contaminants aggregated. The following sets of tables and maps show the analysis by substance group for the substances listed in Table 1. Substance groups for which no results were reported are omitted.

All chemical contaminants

Table 7: Frequency of reporting on 'All chemical contaminants' per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	18 216	3 442
Belgium	582	195
Bulgaria	7 608	941
Croatia	10 128	5 851
Cyprus	3 460	768
Czech Republic	34 239	9 268
Denmark	19 805	1 464
Estonia	711	198
European Union	2 512	1 864
Finland	4 191	1 293
France	72 520	9 531
Germany	165 876	36 703
Hungary	18 624	5 322
Ireland	9 413	2 092
Italy	1 857	841
Lithuania	3 719	1 221
Luxembourg	1 324	610
Malta	620	580
Netherlands	8 256	3 491
Norway	13 484	906
Poland	8 072	207
Portugal	5 117	1 134
Romania	8 240	5 109
Slovakia	14 943	5 050
Slovenia	8 969	2 615
Spain	12 526	4 452
Sweden	3 226	206
United Kingdom	7 516	1 455
Total	*465 754*	*106 809*

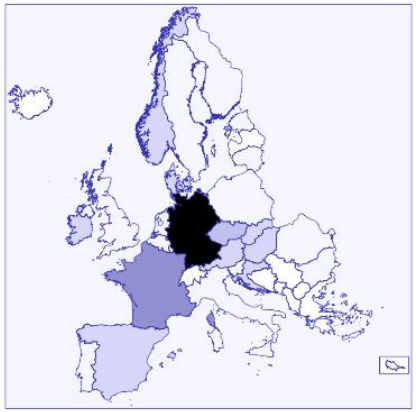

Figure 4: Number of results on 'All chemical contaminants' reported in Europe – colour scale proportional to the number of reported data.

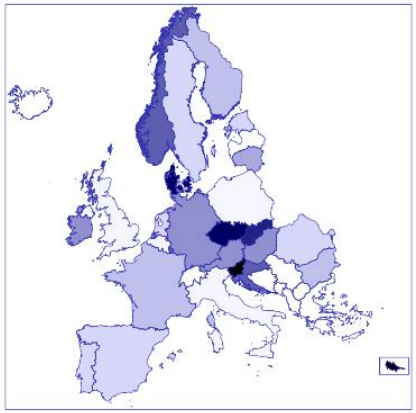

Figure 5: Number of results on 'All chemical contaminants' reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 8: Frequency of reporting on 'All chemical contaminants' per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	57 634	18 404
Vegetables and vegetable products (including fungi) (A.02)	31 751	14 848
Starchy roots and tubers (A.03)	3 745	1 953
Legumes, nuts and oilseeds (A.04)	22 500	6 488
Fruit and fruit products (A.05)	24 510	8 086
Meat and meat products (including edible offal) (A.06)	83 757	15 017
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	69 023	7 273
Milk and dairy products (A.08)	21 415	5 549
Eggs and egg products (A.09)	28 158	1 304
Sugar and confectionary (A.10)	8 000	1 418
Animal and vegetable fats and oils (A.11)	22 939	2 950
Fruit and vegetable juices (A.12)	3 519	2 051
Non-alcoholic beverages (excepting milk based beverages) (A.13)	856	452
Alcoholic beverages (A.14)	5 207	3 020
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	5 945	1 625
Herbs, spices and condiments (A.16)	11 255	2 530
Food for infants and small children (A.17)	9 683	3 136
Products for special nutritional use (A.18)	4 292	843
Composite food (including frozen products) (A.19)	977	467
Snacks, desserts and other foods (A.20)	2 811	1 484
Other foods (foods which cannot be included in any other group) (A.20.03)	56	21
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	90	4
Cereal grains, their products and by-products (G.01)	10 618	2 577
Oil seeds, oil fruits and products derived thereof (G.02)	3 118	431
Legume seeds and products derived thereof (G.03)	77	16
Tubers, roots and products derived thereof (G.04)	155	27
Other seeds and fruits and products derived thereof (G.05)	150	27
Forages and roughage and products derived thereof (G.06)	3 290	424
Other plants, algae and products derived thereof (G.07)	101	8
Milk products and products derived thereof (G.08)	255	13
Land animal products and products derived thereof (G.09)	1 004	44
Fish, other aquatic animals and products derived thereof (G.10)	1 716	138
Minerals and products derived thereof (G.11)	768	140
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	16	7
Miscellaneous (G.13)	924	62
COMPOUND FEED (G.14)	25 439	3 972
Total	*465 754*	*106 809*

Persistent organic pollutants (POPs) and other organic contaminants (No.1 - Level 1 in Table 1)

Table 9: Frequency of reporting on 'Persistent organic pollutants (POPs) and other organic contaminants' (No.1 - Level 1 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	770	22
Bulgaria	355	71
Croatia	552	16
Cyprus	1 357	128
Czech Republic	20 906	2 310
Denmark	14 523	423
Estonia	323	24
France	50 771	2 456
Germany	84 252	6 573
Hungary	7 262	283
Ireland	726	58
Lithuania	1 638	63
Luxembourg	40	40
Norway	11 088	565
Poland	8 072	207
Portugal	2 510	127
Slovakia	4 554	685
Slovenia	2 800	74
Spain	3 664	255
Sweden	2 418	62
Total	*218 581*	*14 442*

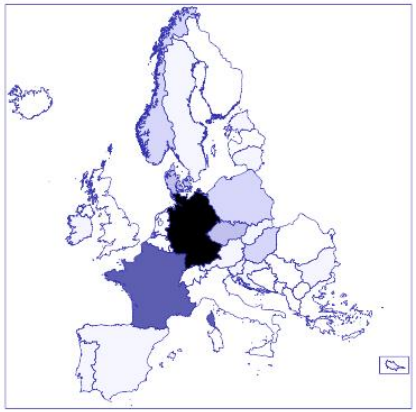

Figure 6: Number of results on 'Persistent organic pollutants (POPs) and other organic contaminants' (No.1 - Level 1 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

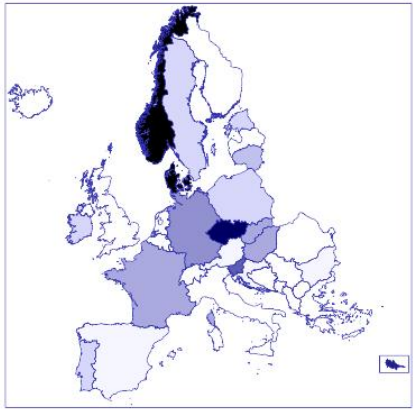

Figure 7: Number of results on 'Persistent organic pollutants (POPs) and other organic contaminants' (No.1 - Level 1 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 10: Frequency of reporting on 'Persistent organic pollutants (POPs) and other organic contaminants' (No.1 - Level 1 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	2 151	270
Vegetables and vegetable products (including fungi) (A.02)	8 677	1 388
Starchy roots and tubers (A.03)	1 411	238
Legumes, nuts and oilseeds (A.04)	514	55
Fruit and fruit products (A.05)	6 750	1 137
Meat and meat products (including edible offal) (A.06)	52 434	3 747
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	52 235	2 513
Milk and dairy products (A.08)	14 996	1 000
Eggs and egg products (A.09)	27 943	1 192
Sugar and confectionary (A.10)	1 725	203
Animal and vegetable fats and oils (A.11)	13 932	541
Fruit and vegetable juices (A.12)	384	64
Non-alcoholic beverages (excepting milk based beverages) (A.13)	101	36
Alcoholic beverages (A.14)	466	396
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	835	108
Herbs, spices and condiments (A.16)	4 840	190
Food for infants and small children (A.17)	3 345	224
Products for special nutritional use (A.18)	1 235	36
Composite food (including frozen products) (A.19)	83	5
Snacks, desserts and other foods (A.20)	98	28
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	86	3
Cereal grains, their products and by-products (G.01)	1 579	105
Oil seeds, oil fruits and products derived thereof (G.02)	1 634	92
Legume seeds and products derived thereof (G.03)	24	3
Tubers, roots and products derived thereof (G.04)	113	10
Other seeds and fruits and products derived thereof (G.05)	35	1
Forages and roughage and products derived thereof (G.06)	1 266	75
Other plants, algae and products derived thereof (G.07)	81	2
Milk products and products derived thereof (G.08)	245	8
Land animal products and products derived thereof (G.09)	972	37
Fish, other aquatic animals and products derived thereof (G.10)	1 579	64
Minerals and products derived thereof (G.11)	352	19
Miscellaneous (G.13)	828	33
COMPOUND FEED (G.14)	15 632	619
Total	*218 581*	*14 442*

Aromatic Hydrocarbons (No.3 - Level 2 in Table 1)

Table 11: Frequency of reporting on 'Aromatic Hydrocarbons' (No.3 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	42	42
Luxembourg	40	40
Total	*82*	*82*

Figure 8: Number of results on 'Aromatic Hydrocarbons' (No.3 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

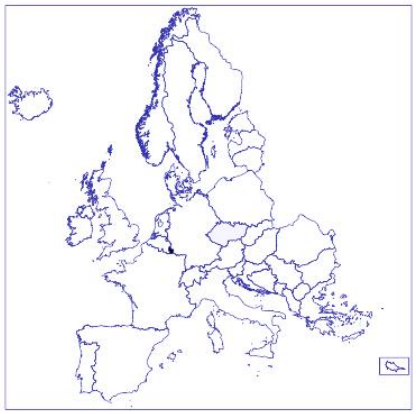

Figure 9: Number of results on 'Aromatic Hydrocarbons' (No.3 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 12: Frequency of reporting on 'Aromatic Hydrocarbons' (No.3 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Vegetables and vegetable products (including fungi) (A.02)	1	1
Non-alcoholic beverages (excepting milk based beverages) (A.13)	15	15
Alcoholic beverages (A.14)	26	26
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	15	15
Food for infants and small children (A.17)	25	25
Total	*82*	*82*

Brominated flame retardants (No.7 - Level 2 in Table 1)

Table 13: Frequency of reporting on 'Brominated flame retardants' (No.7 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	350	50
France	105	7
Germany	709	157
Norway	1 610	230
Spain	879	96
Total	*3 653*	*540*

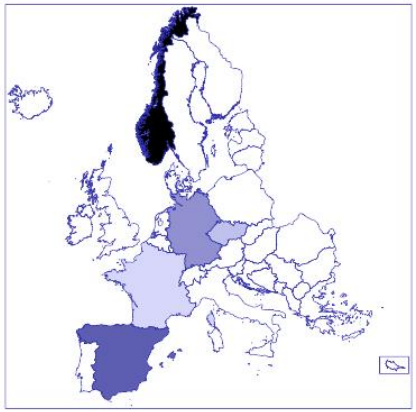

Figure 10: Number of results on 'Brominated flame retardants' (No.7 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

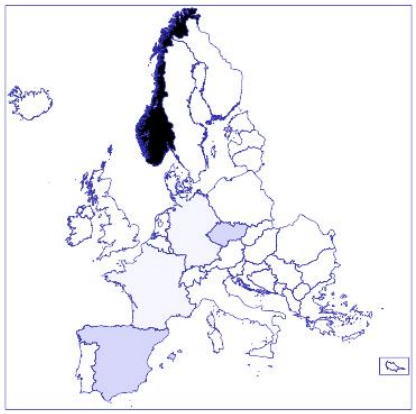

Figure 11: Number of results on 'Brominated flame retardants' (No.7 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 14: Frequency of reporting on 'Brominated flame retardants' (No.7 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	261	35
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	2 676	405
Milk and dairy products (A.08)	99	13
Eggs and egg products (A.09)	92	12
Land animal products and products derived thereof (G.09)	28	4
COMPOUND FEED (G.14)	497	71
Total	*3 653*	*540*

Polybrominated diphenyl ether (No.8 - Level 3 in Table 1)

Table 15: Frequency of reporting on 'Polybrominated diphenyl ether' (No.8 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	350	50
France	56	7
Germany	646	157
Norway	1 610	230
Spain	829	95
Total	*3 491*	*539*

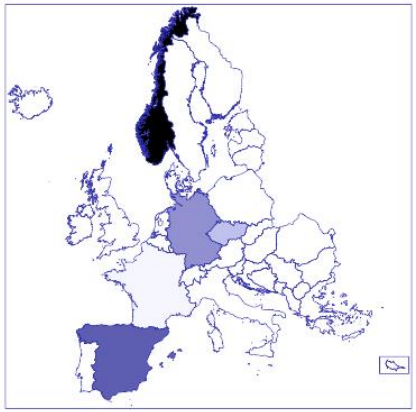

Figure 12: Number of results on 'Polybrominated diphenyl ether' (No.8 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

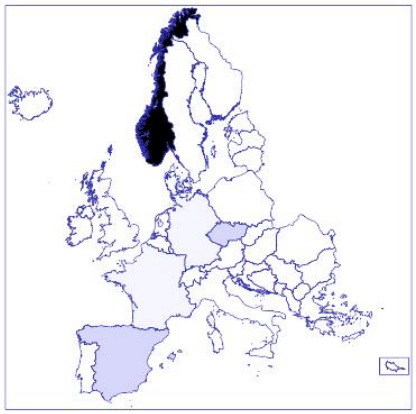

Figure 13: Number of results on 'Polybrominated diphenyl ether' (No.8 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 16: Frequency of reporting on 'Polybrominated diphenyl ether' (No.8 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	247	35
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	2 542	404
Milk and dairy products (A.08)	92	13
Eggs and egg products (A.09)	85	12
Land animal products and products derived thereof (G.09)	28	4
COMPOUND FEED (G.14)	497	71
Total	*3 491*	*539*

Polybrominated biphenyl (No.9 - Level 3 in Table 1)

Table 17: Frequency of reporting on 'Polybrominated biphenyl' (No.9 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	21	7
Spain	50	50
Total	*71*	*57*

Figure 14: Number of results on 'Polybrominated biphenyl' (No.9 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 15: Number of results on 'Polybrominated biphenyl' (No.9 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 18: Frequency of reporting on 'Polybrominated biphenyl' (No.9 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	6	2
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	59	53
Milk and dairy products (A.08)	3	1
Eggs and egg products (A.09)	3	1
Total	*71*	*57*

Hexabromocyclodecane (HBCD) (No.11 - Level 3 in Table 1)

Table 19: Frequency of reporting on 'Hexabromocyclodecane (HBCD)' (No.11 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	21	7
Germany	63	21
Total	*84*	*28*

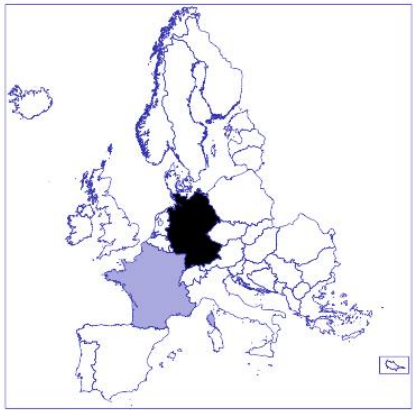

Figure 16: Number of results on 'Hexabromocyclodecane (HBCD)' (No.11 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

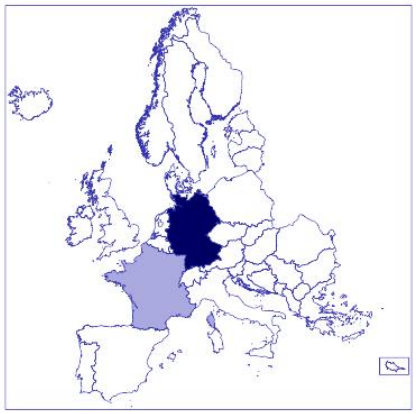

Figure 17: Number of results on 'Hexabromocyclodecane (HBCD)' (No.11 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 20: Frequency of reporting on 'Hexabromocyclodecane (HBCD)' (No.11 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	6	2
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	72	24
Milk and dairy products (A.08)	3	1
Eggs and egg products (A.09)	3	1
Total	*84*	*28*

Tetrabromobisphenol-A (No.12 - Level 3 in Table 1)

Table 21: Frequency of reporting on 'Tetrabromobisphenol-A' (No.12 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	7	7
Total	*7*	*7*

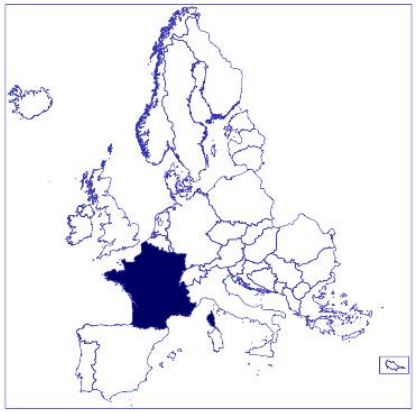

Figure 18: Number of results on 'Tetrabromobisphenol-A' (No.12 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

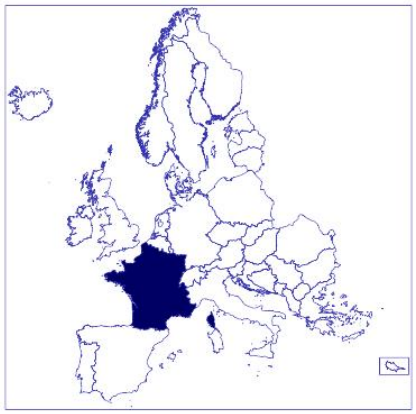

Figure 19: Number of results on 'Tetrabromobisphenol-A' (No.12 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 22: Frequency of reporting on 'Tetrabromobisphenol-A' (No.12 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	2	2
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3	3
Milk and dairy products (A.08)	1	1
Eggs and egg products (A.09)	1	1
Total	*7*	*7*

Dioxins and polychlorinated biphenyls (PCBs) (No.13 - Level 2 in Table 1)

Table 23: Frequency of reporting on 'Dioxins and polychlorinated biphenyls (PCBs)' (No.13 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	770	22
Croatia	552	16
Cyprus	1 347	123
Czech Republic	6 201	667
Denmark	13 710	351
Estonia	155	5
France	48 887	2 316
Germany	80 003	5 836
Hungary	7 205	226
Ireland	266	38
Lithuania	441	63
Norway	8 540	403
Poland	8 072	207
Portugal	2 494	111
Slovakia	3 283	553
Slovenia	2 798	72
Spain	2 756	150
Sweden	2 418	62
Total	*189 898*	*11 221*

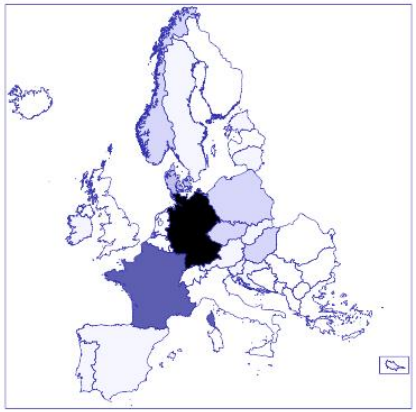

Figure 20: Number of results on 'Dioxins and polychlorinated biphenyls (PCBs)' (No.13 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

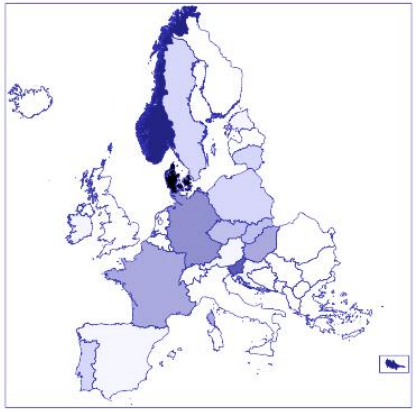

Figure 21: Number of results on 'Dioxins and polychlorinated biphenyls (PCBs)' (No.13 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 24: Frequency of reporting on 'Dioxins and polychlorinated biphenyls (PCBs)' (No.13 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 719	156
Vegetables and vegetable products (including fungi) (A.02)	7 176	1 081
Starchy roots and tubers (A.03)	1 304	212
Legumes, nuts and oilseeds (A.04)	473	42
Fruit and fruit products (A.05)	5 882	966
Meat and meat products (including edible offal) (A.06)	43 935	3 144
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	47 598	1 937
Milk and dairy products (A.08)	13 124	772
Eggs and egg products (A.09)	25 792	1 112
Sugar and confectionary (A.10)	1 023	150
Animal and vegetable fats and oils (A.11)	13 495	468
Fruit and vegetable juices (A.12)	384	64
Non-alcoholic beverages (excepting milk based beverages) (A.13)	44	7
Alcoholic beverages (A.14)	37	6
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	24	4
Herbs, spices and condiments (A.16)	4 835	185
Food for infants and small children (A.17)	3 231	152
Products for special nutritional use (A.18)	1 235	36
Composite food (including frozen products) (A.19)	82	4
Snacks, desserts and other foods (A.20)	33	5
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	82	2
Cereal grains, their products and by-products (G.01)	1 028	39
Oil seeds, oil fruits and products derived thereof (G.02)	1 257	54
Legume seeds and products derived thereof (G.03)	24	3
Tubers, roots and products derived thereof (G.04)	113	10
Other seeds and fruits and products derived thereof (G.05)	35	1
Forages and roughage and products derived thereof (G.06)	1 146	64
Other plants, algae and products derived thereof (G.07)	81	2
Milk products and products derived thereof (G.08)	245	8
Land animal products and products derived thereof (G.09)	919	34
Fish, other aquatic animals and products derived thereof (G.10)	1 363	40
Minerals and products derived thereof (G.11)	341	15
Miscellaneous (G.13)	775	25
COMPOUND FEED (G.14)	11 063	421
Total	*189 898*	*11 221*

Toxic equivalents (TEQ) dioxins (No.14 - Level 3 in Table 1)

Table 25: Frequency of reporting on 'Toxic equivalents (TEQ) dioxins' (No.14 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	92	46
Denmark	680	340
Estonia	10	5
France	5 945	995
Hungary	451	226
Norway	146	146
Poland	828	207
Portugal	182	104
Slovakia	80	20
Slovenia	496	62
Spain	135	38
Sweden	248	62
Total	*9 293*	*2 251*

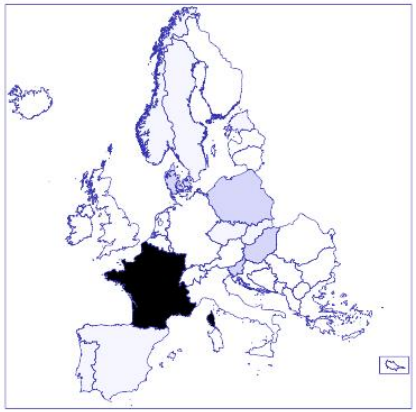

Figure 22: Number of results on 'Toxic equivalents (TEQ) dioxins' (No.14 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

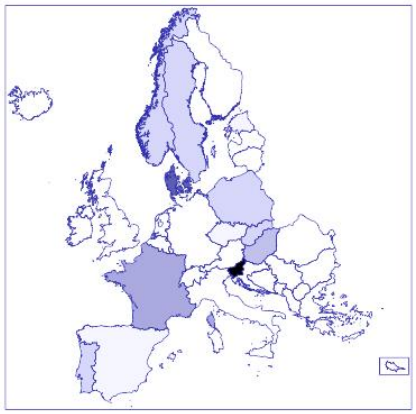

Figure 23: Number of results on 'Toxic equivalents (TEQ) dioxins' (No.14 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 26: Frequency of reporting on 'Toxic equivalents (TEQ) dioxins' (No.14 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	26	4
Vegetables and vegetable products (including fungi) (A.02)	69	10
Legumes, nuts and oilseeds (A.04)	40	5
Fruit and fruit products (A.05)	16	2
Meat and meat products (including edible offal) (A.06)	1 727	362
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3 452	821
Milk and dairy products (A.08)	606	146
Eggs and egg products (A.09)	567	178
Sugar and confectionary (A.10)	2	1
Animal and vegetable fats and oils (A.11)	750	297
Herbs, spices and condiments (A.16)	76	13
Food for infants and small children (A.17)	154	49
Products for special nutritional use (A.18)	98	17
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	12	2
Cereal grains, their products and by-products (G.01)	87	18
Oil seeds, oil fruits and products derived thereof (G.02)	131	26
Tubers, roots and products derived thereof (G.04)	6	1
Forages and roughage and products derived thereof (G.06)	132	24
Other plants, algae and products derived thereof (G.07)	11	2
Milk products and products derived thereof (G.08)	32	6
Land animal products and products derived thereof (G.09)	82	25
Fish, other aquatic animals and products derived thereof (G.10)	110	25
Minerals and products derived thereof (G.11)	18	7
Miscellaneous (G.13)	104	18
COMPOUND FEED (G.14)	985	192
Total	*9 293*	*2 251*

Dioxins (No.15 - Level 3 in Table 1)

Table 27: Frequency of reporting on 'Dioxins' (No.15 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	374	22
Croatia	271	16
Cyprus	357	21
Czech Republic	854	50
Denmark	5 780	340
Estonia	85	5
France	17 011	1 086
Germany	27 959	1 680
Hungary	3 841	226
Norway	4 080	240
Poland	3 519	207
Portugal	1 309	77
Slovakia	532	212
Slovenia	1 054	62
Spain	986	58
Sweden	1 054	62
Total	*69 066*	*4 364*

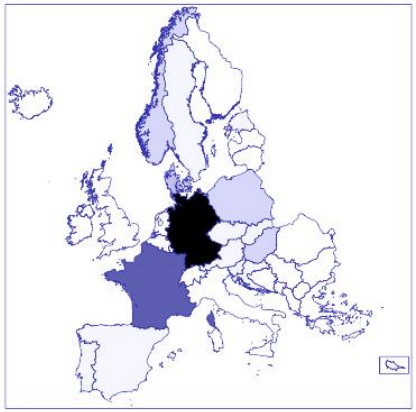

Figure 24: Number of results on 'Dioxins' (No.15 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

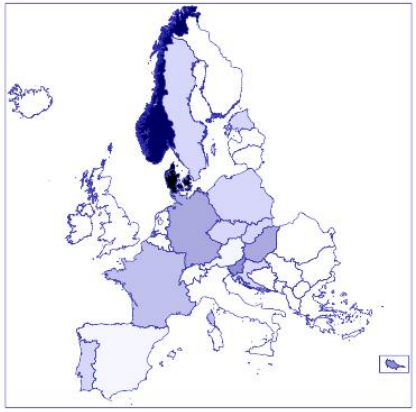

Figure 25: Number of results on 'Dioxins' (No.15 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 28: Frequency of reporting on 'Dioxins' (No.15 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	444	28
Vegetables and vegetable products (including fungi) (A.02)	408	24
Starchy roots and tubers (A.03)	17	1
Legumes, nuts and oilseeds (A.04)	102	6
Fruit and fruit products (A.05)	34	2
Meat and meat products (including edible offal) (A.06)	14 183	870
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	19 704	1 209
Milk and dairy products (A.08)	5 102	334
Eggs and egg products (A.09)	11 383	686
Sugar and confectionary (A.10)	51	3
Animal and vegetable fats and oils (A.11)	5 868	365
Herbs, spices and condiments (A.16)	2 163	138
Food for infants and small children (A.17)	1 377	82
Products for special nutritional use (A.18)	595	35
Composite food (including frozen products) (A.19)	34	2
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	34	2
Cereal grains, their products and by-products (G.01)	444	29
Oil seeds, oil fruits and products derived thereof (G.02)	470	54
Legume seeds and products derived thereof (G.03)	3	3
Tubers, roots and products derived thereof (G.04)	26	10
Other seeds and fruits and products derived thereof (G.05)	17	1
Forages and roughage and products derived thereof (G.06)	441	57
Other plants, algae and products derived thereof (G.07)	34	2
Milk products and products derived thereof (G.08)	103	7
Land animal products and products derived thereof (G.09)	428	28
Fish, other aquatic animals and products derived thereof (G.10)	595	35
Minerals and products derived thereof (G.11)	138	10
Miscellaneous (G.13)	308	20
COMPOUND FEED (G.14)	4 560	321
Total	*69 066*	*4 364*

Chlorinated dibenzo-p-dioxins (No.16 - Level 4 in Table 1)

Table 29: Frequency of reporting on 'Chlorinated dibenzo-p-dioxins' (No.16 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	154	22
Croatia	112	16
Cyprus	147	21
Czech Republic	350	50
Denmark	2 380	340
Estonia	35	5
France	6 971	994
Germany	11 549	1 679
Hungary	1 582	226
Norway	1 680	240
Poland	1 449	207
Portugal	539	77
Slovakia	140	20
Slovenia	434	62
Spain	406	58
Sweden	434	62
Total	*28 362*	*4 079*

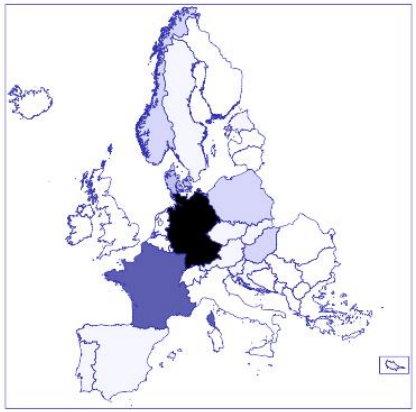

Figure 26: Number of results on 'Chlorinated dibenzo-p-dioxins' (No.16 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

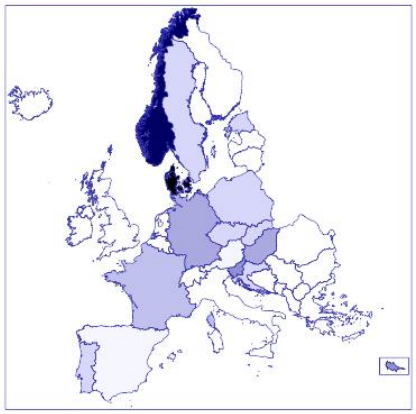

Figure 27: Number of results on 'Chlorinated dibenzo-p-dioxins' (No.16 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 30: Frequency of reporting on 'Chlorinated dibenzo-p-dioxins' (No.16 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	182	26
Vegetables and vegetable products (including fungi) (A.02)	168	24
Starchy roots and tubers (A.03)	7	1
Legumes, nuts and oilseeds (A.04)	42	6
Fruit and fruit products (A.05)	14	2
Meat and meat products (including edible offal) (A.06)	5 821	834
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	8 177	1 170
Milk and dairy products (A.08)	2 086	298
Eggs and egg products (A.09)	4 662	678
Sugar and confectionary (A.10)	21	3
Animal and vegetable fats and oils (A.11)	2 408	344
Herbs, spices and condiments (A.16)	875	136
Food for infants and small children (A.17)	567	81
Products for special nutritional use (A.18)	245	35
Composite food (including frozen products) (A.19)	14	2
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	14	2
Cereal grains, their products and by-products (G.01)	182	26
Oil seeds, oil fruits and products derived thereof (G.02)	182	26
Tubers, roots and products derived thereof (G.04)	7	1
Other seeds and fruits and products derived thereof (G.05)	7	1
Forages and roughage and products derived thereof (G.06)	168	24
Other plants, algae and products derived thereof (G.07)	14	2
Milk products and products derived thereof (G.08)	42	6
Land animal products and products derived thereof (G.09)	175	25
Fish, other aquatic animals and products derived thereof (G.10)	245	35
Minerals and products derived thereof (G.11)	56	8
Miscellaneous (G.13)	126	18
COMPOUND FEED (G.14)	1 855	265
Total	*28 362*	*4 079*

Chlorinated dibenzofurans (No.17 - Level 4 in Table 1)

Table 31: Frequency of reporting on 'Chlorinated dibenzofurans' (No.17 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	220	22
Croatia	159	16
Cyprus	210	21
Czech Republic	500	50
Denmark	3 400	340
Estonia	50	5
France	9 950	996
Germany	16 410	1 680
Hungary	2 259	226
Norway	2 400	240
Poland	2 070	207
Portugal	770	77
Slovakia	200	20
Slovenia	620	62
Spain	580	58
Sweden	620	62
Total	*40 418*	*4 082*

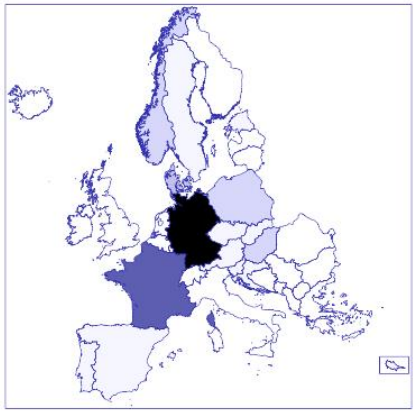

Figure 28: Number of results on 'Chlorinated dibenzofurans' (No.17 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

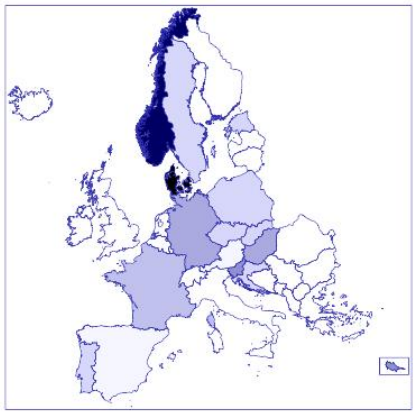

Figure 29: Number of results on 'Chlorinated dibenzofurans' (No.17 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 32: Frequency of reporting on 'Chlorinated dibenzofurans' (No.17 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	260	26
Vegetables and vegetable products (including fungi) (A.02)	240	24
Starchy roots and tubers (A.03)	10	1
Legumes, nuts and oilseeds (A.04)	60	6
Fruit and fruit products (A.05)	20	2
Meat and meat products (including edible offal) (A.06)	8 322	834
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	11 489	1 171
Milk and dairy products (A.08)	2 980	298
Eggs and egg products (A.09)	6 713	678
Sugar and confectionary (A.10)	30	3
Animal and vegetable fats and oils (A.11)	3 440	345
Herbs, spices and condiments (A.16)	1 286	136
Food for infants and small children (A.17)	810	82
Products for special nutritional use (A.18)	350	35
Composite food (including frozen products) (A.19)	20	2
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	20	2
Cereal grains, their products and by-products (G.01)	259	26
Oil seeds, oil fruits and products derived thereof (G.02)	260	26
Tubers, roots and products derived thereof (G.04)	10	1
Other seeds and fruits and products derived thereof (G.05)	10	1
Forages and roughage and products derived thereof (G.06)	240	24
Other plants, algae and products derived thereof (G.07)	20	2
Milk products and products derived thereof (G.08)	60	6
Land animal products and products derived thereof (G.09)	250	25
Fish, other aquatic animals and products derived thereof (G.10)	350	35
Minerals and products derived thereof (G.11)	80	8
Miscellaneous (G.13)	180	18
COMPOUND FEED (G.14)	2 649	265
Total	*40 418*	*4 082*

Polychlorinated biphenyls (No.18 - Level 3 in Table 1)

Table 33: Frequency of reporting on 'Polychlorinated biphenyls' (No.18 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	396	22
Croatia	281	16
Cyprus	990	123
Czech Republic	5 251	667
Denmark	7 250	351
Estonia	60	5
France	25 931	2 314
Germany	52 044	5 810
Hungary	2 913	225
Ireland	266	38
Lithuania	441	63
Norway	4 314	401
Poland	3 725	207
Portugal	1 003	82
Slovakia	2 671	372
Slovenia	1 248	72
Spain	1 635	150
Sweden	1 116	62
Total	*111 535*	*10 980*

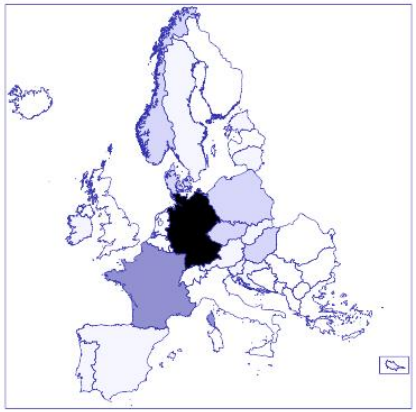

Figure 30: Number of results on 'Polychlorinated biphenyls' (No.18 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

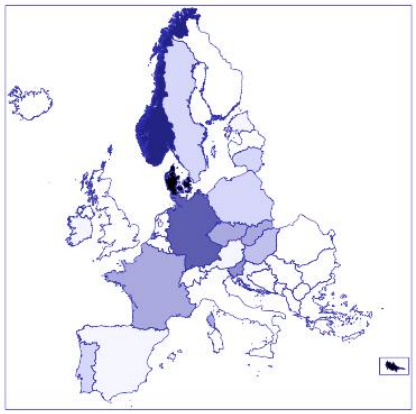

Figure 31: Number of results on 'Polychlorinated biphenyls' (No.18 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 34: Frequency of reporting on 'Polychlorinated biphenyls' (No.18 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 249	154
Vegetables and vegetable products (including fungi) (A.02)	6 699	1 076
Starchy roots and tubers (A.03)	1 287	212
Legumes, nuts and oilseeds (A.04)	331	42
Fruit and fruit products (A.05)	5 832	966
Meat and meat products (including edible offal) (A.06)	28 021	3 097
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	24 442	1 900
Milk and dairy products (A.08)	7 416	733
Eggs and egg products (A.09)	13 842	1 086
Sugar and confectionary (A.10)	970	150
Animal and vegetable fats and oils (A.11)	6 877	439
Fruit and vegetable juices (A.12)	384	64
Non-alcoholic beverages (excepting milk based beverages) (A.13)	44	7
Alcoholic beverages (A.14)	37	6
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	24	4
Herbs, spices and condiments (A.16)	2 596	183
Food for infants and small children (A.17)	1 700	149
Products for special nutritional use (A.18)	542	36
Composite food (including frozen products) (A.19)	48	4
Snacks, desserts and other foods (A.20)	33	5
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	36	2
Cereal grains, their products and by-products (G.01)	497	36
Oil seeds, oil fruits and products derived thereof (G.02)	656	54
Legume seeds and products derived thereof (G.03)	21	3
Tubers, roots and products derived thereof (G.04)	81	10
Other seeds and fruits and products derived thereof (G.05)	18	1
Forages and roughage and products derived thereof (G.06)	573	45
Other plants, algae and products derived thereof (G.07)	36	2
Milk products and products derived thereof (G.08)	110	7
Land animal products and products derived thereof (G.09)	409	31
Fish, other aquatic animals and products derived thereof (G.10)	658	40
Minerals and products derived thereof (G.11)	185	14
Miscellaneous (G.13)	363	25
COMPOUND FEED (G.14)	5 518	397
Total	*111 535*	*10 980*

Non-dioxin-like PCBs (No.19 - Level 4 in Table 1)

Table 35: Frequency of reporting on 'Non-dioxin-like PCBs' (No.19 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	132	22
Croatia	90	15
Cyprus	738	123
Czech Republic	4 002	667
Denmark	2 457	351
France	13 886	2 314
Germany	32 310	5 388
Ireland	228	38
Lithuania	378	63
Norway	1 434	239
Poland	1 241	207
Portugal	36	6
Slovakia	2 228	372
Slovenia	432	72
Spain	842	137
Sweden	372	62
Total	*60 806*	*10 076*

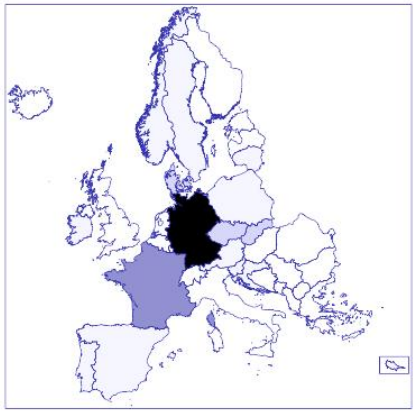

Figure 32: Number of results on 'Non-dioxin-like PCBs' (No.19 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

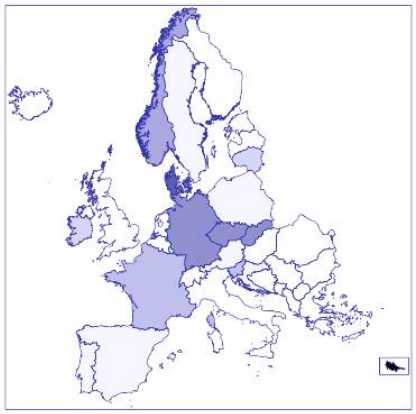

Figure 33: Number of results on 'Non-dioxin-like PCBs' (No.19 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 36: Frequency of reporting on 'Non-dioxin-like PCBs' (No.19 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	918	153
Vegetables and vegetable products (including fungi) (A.02)	6 444	1 074
Starchy roots and tubers (A.03)	1 272	212
Legumes, nuts and oilseeds (A.04)	252	42
Fruit and fruit products (A.05)	5 796	966
Meat and meat products (including edible offal) (A.06)	17 656	2 944
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	9 989	1 646
Milk and dairy products (A.08)	3 703	618
Eggs and egg products (A.09)	5 631	927
Sugar and confectionary (A.10)	894	149
Animal and vegetable fats and oils (A.11)	2 249	347
Fruit and vegetable juices (A.12)	384	64
Non-alcoholic beverages (excepting milk based beverages) (A.13)	42	7
Alcoholic beverages (A.14)	36	6
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	24	4
Herbs, spices and condiments (A.16)	1 002	167
Food for infants and small children (A.17)	697	117
Products for special nutritional use (A.18)	120	20
Composite food (including frozen products) (A.19)	24	4
Snacks, desserts and other foods (A.20)	30	5
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	12	2
Cereal grains, their products and by-products (G.01)	193	32
Oil seeds, oil fruits and products derived thereof (G.02)	309	51
Legume seeds and products derived thereof (G.03)	18	3
Tubers, roots and products derived thereof (G.04)	60	10
Other seeds and fruits and products derived thereof (G.05)	6	1
Forages and roughage and products derived thereof (G.06)	266	44
Other plants, algae and products derived thereof (G.07)	12	2
Milk products and products derived thereof (G.08)	36	6
Land animal products and products derived thereof (G.09)	102	17
Fish, other aquatic animals and products derived thereof (G.10)	222	36
Minerals and products derived thereof (G.11)	76	12
Miscellaneous (G.13)	144	24
COMPOUND FEED (G.14)	2 187	364
Total	*60 806*	*10 076*

Non-ortho substituted PCBs (No.20 - Level 4 in Table 1)

Table 37: Frequency of reporting on 'Non-ortho substituted PCBs' (No.20 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	88	22
Croatia	64	16
Cyprus	84	21
Czech Republic	200	50
Denmark	1 360	340
Estonia	20	5
France	3 984	994
Germany	6 555	1 650
Hungary	895	224
Norway	960	240
Poland	828	207
Portugal	300	75
Slovakia	80	20
Slovenia	248	62
Spain	244	61
Sweden	248	62
Total	*16 158*	*4 049*

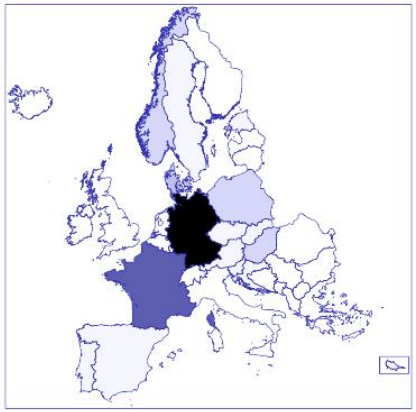

Figure 34: Number of results on 'Non-ortho substituted PCBs' (No.20 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

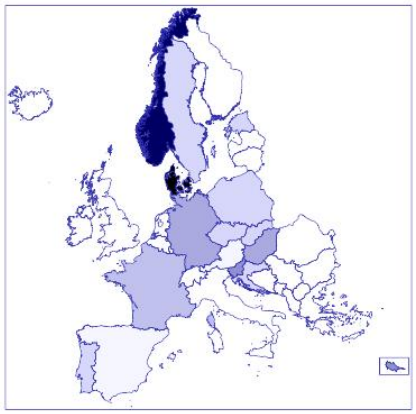

Figure 35: Number of results on 'Non-ortho substituted PCBs' (No.20 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 38: Frequency of reporting on 'Non-ortho substituted PCBs' (No.20 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	104	26
Vegetables and vegetable products (including fungi) (A.02)	76	19
Starchy roots and tubers (A.03)	4	1
Legumes, nuts and oilseeds (A.04)	24	6
Fruit and fruit products (A.05)	8	2
Meat and meat products (including edible offal) (A.06)	3 293	824
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	4 688	1 170
Milk and dairy products (A.08)	1 188	297
Eggs and egg products (A.09)	2 636	663
Sugar and confectionary (A.10)	12	3
Animal and vegetable fats and oils (A.11)	1 387	347
Herbs, spices and condiments (A.16)	519	136
Food for infants and small children (A.17)	324	81
Products for special nutritional use (A.18)	140	35
Composite food (including frozen products) (A.19)	8	2
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	8	2
Cereal grains, their products and by-products (G.01)	100	25
Oil seeds, oil fruits and products derived thereof (G.02)	104	26
Tubers, roots and products derived thereof (G.04)	4	1
Other seeds and fruits and products derived thereof (G.05)	4	1
Forages and roughage and products derived thereof (G.06)	96	24
Other plants, algae and products derived thereof (G.07)	8	2
Milk products and products derived thereof (G.08)	24	6
Land animal products and products derived thereof (G.09)	96	24
Fish, other aquatic animals and products derived thereof (G.10)	140	35
Minerals and products derived thereof (G.11)	32	8
Miscellaneous (G.13)	72	18
COMPOUND FEED (G.14)	1 059	265
Total	*16 158*	*4 049*

Mono-ortho substituted PCBs (No.21 - Level 4 in Table 1)

Table 39: Frequency of reporting on 'Mono-ortho substituted PCBs' (No.21 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	176	22
Croatia	127	16
Cyprus	168	21
Czech Republic	510	160
Denmark	2 753	351
Estonia	40	5
France	7 968	994
Germany	13 179	1 649
Hungary	1 794	225
Norway	1 920	240
Poland	1 656	207
Portugal	600	75
Slovakia	161	21
Slovenia	496	62
Spain	541	114
Sweden	496	62
Total	*32 585*	*4 224*

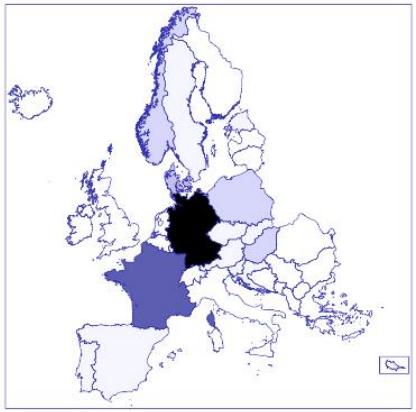

Figure 36: Number of results on 'Mono-ortho substituted PCBs' (No.21 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

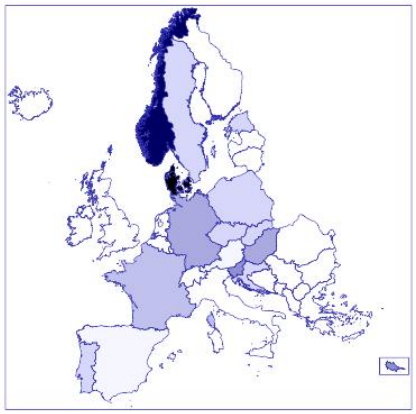

Figure 37: Number of results on 'Mono-ortho substituted PCBs' (No.21 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 40: Frequency of reporting on 'Mono-ortho substituted PCBs' (No.21 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	223	41
Vegetables and vegetable products (including fungi) (A.02)	173	40
Starchy roots and tubers (A.03)	11	4
Legumes, nuts and oilseeds (A.04)	50	8
Fruit and fruit products (A.05)	26	12
Meat and meat products (including edible offal) (A.06)	6 636	868
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	9 435	1 207
Milk and dairy products (A.08)	2 397	318
Eggs and egg products (A.09)	5 298	664
Sugar and confectionary (A.10)	27	6
Animal and vegetable fats and oils (A.11)	2 784	355
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	1	1
Herbs, spices and condiments (A.16)	1 075	136
Food for infants and small children (A.17)	651	84
Products for special nutritional use (A.18)	280	35
Composite food (including frozen products) (A.19)	16	2
Snacks, desserts and other foods (A.20)	3	3
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	16	2
Cereal grains, their products and by-products (G.01)	200	25
Oil seeds, oil fruits and products derived thereof (G.02)	208	26
Tubers, roots and products derived thereof (G.04)	8	1
Other seeds and fruits and products derived thereof (G.05)	8	1
Forages and roughage and products derived thereof (G.06)	192	24
Other plants, algae and products derived thereof (G.07)	16	2
Milk products and products derived thereof (G.08)	48	6
Land animal products and products derived thereof (G.09)	194	25
Fish, other aquatic animals and products derived thereof (G.10)	280	35
Minerals and products derived thereof (G.11)	64	8
Miscellaneous (G.13)	144	18
COMPOUND FEED (G.14)	2 119	265
Total	*32 585*	*4 224*

Melamine and analogues (No.22 - Level 2 in Table 1)

Table 41: Frequency of reporting on 'Melamine and analogues' (No.22 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	18	9
France	61	25
Hungary	57	57
Portugal	16	16
Slovakia	27	27
Slovenia	2	2
Spain	29	29
Total	*210*	*165*

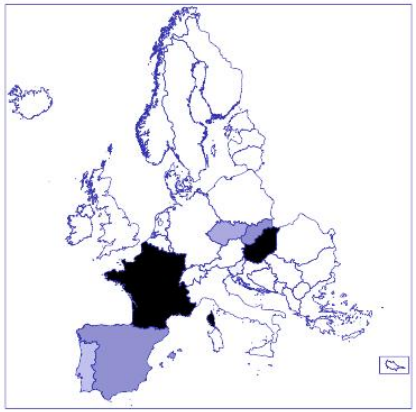

Figure 38: Number of results on 'Melamine and analogues' (No.22 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

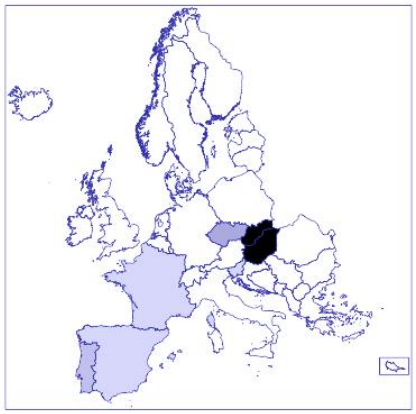

Figure 39: Number of results on 'Melamine and analogues' (No.22 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 42: Frequency of reporting on 'Melamine and analogues' (No.22 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	9	9
Vegetables and vegetable products (including fungi) (A.02)	1	1
Starchy roots and tubers (A.03)	1	1
Legumes, nuts and oilseeds (A.04)	1	1
Meat and meat products (including edible offal) (A.06)	15	15
Milk and dairy products (A.08)	29	29
Sugar and confectionary (A.10)	20	20
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Herbs, spices and condiments (A.16)	5	5
Food for infants and small children (A.17)	28	28
Composite food (including frozen products) (A.19)	1	1
Snacks, desserts and other foods (A.20)	1	1
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	4	1
Cereal grains, their products and by-products (G.01)	4	1
Oil seeds, oil fruits and products derived thereof (G.02)	23	11
Land animal products and products derived thereof (G.09)	1	1
Minerals and products derived thereof (G.11)	2	2
Miscellaneous (G.13)	20	5
COMPOUND FEED (G.14)	43	31
Total	*210*	*165*

Organochlorine compounds (No.26 - Level 2 in Table 1)

Table 43: Frequency of reporting on 'Organochlorine compounds' (No.26 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Bulgaria	355	71
Czech Republic	13 828	1 639
Denmark	165	11
Estonia	168	20
France	1 718	108
Ireland	460	20
Lithuania	1 197	63
Norway	938	68
Slovakia	1 244	300
Total	*20 073*	*2 300*

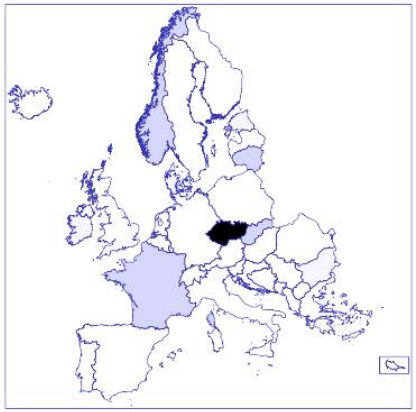

Figure 40: Number of results on 'Organochlorine compounds' (No.26 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

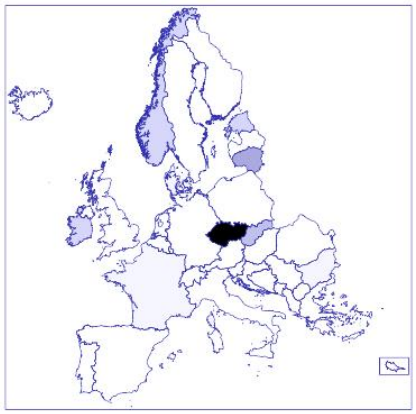

Figure 41: Number of results on 'Organochlorine compounds' (No.26 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 44: Frequency of reporting on 'Organochlorine compounds' (No.26 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	315	93
Vegetables and vegetable products (including fungi) (A.02)	452	130
Starchy roots and tubers (A.03)	84	21
Legumes, nuts and oilseeds (A.04)	40	12
Fruit and fruit products (A.05)	248	66
Meat and meat products (including edible offal) (A.06)	7 563	803
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1 398	118
Milk and dairy products (A.08)	1 278	188
Eggs and egg products (A.09)	2 059	200
Sugar and confectionary (A.10)	682	76
Animal and vegetable fats and oils (A.11)	437	86
Non-alcoholic beverages (excepting milk based beverages) (A.13)	40	12
Alcoholic beverages (A.14)	20	6
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	4	1
Food for infants and small children (A.17)	61	19
Snacks, desserts and other foods (A.20)	60	18
Cereal grains, their products and by-products (G.01)	547	66
Oil seeds, oil fruits and products derived thereof (G.02)	354	27
Forages and roughage and products derived thereof (G.06)	120	11
Land animal products and products derived thereof (G.09)	24	2
Fish, other aquatic animals and products derived thereof (G.10)	216	24
Minerals and products derived thereof (G.11)	9	2
Miscellaneous (G.13)	33	4
COMPOUND FEED (G.14)	4 029	315
Total	*20 073*	*2 300*

Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (No.27 - Level 3 in Table 1)

Table 45: Frequency of reporting on 'Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)' (No.27 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Bulgaria	142	71
Czech Republic	1 699	607
Denmark	22	11
Estonia	40	20
France	248	84
Ireland	40	20
Lithuania	126	63
Norway	135	68
Total	*2 452*	*944*

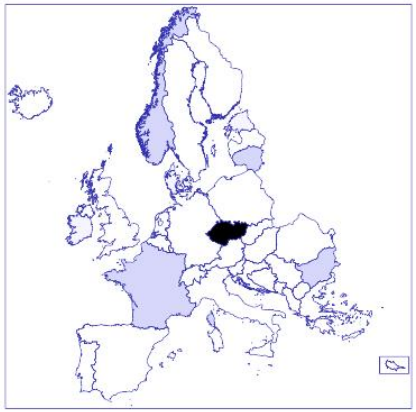

Figure 42: Number of results on 'Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)' (No.27 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 43: Number of results on 'Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)' (No.27 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 46: Frequency of reporting on 'Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)' (No.27 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	36	18
Vegetables and vegetable products (including fungi) (A.02)	42	21
Starchy roots and tubers (A.03)	6	3
Legumes, nuts and oilseeds (A.04)	4	2
Fruit and fruit products (A.05)	20	10
Meat and meat products (including edible offal) (A.06)	919	319
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	140	63
Milk and dairy products (A.08)	138	51
Eggs and egg products (A.09)	236	86
Sugar and confectionary (A.10)	73	29
Animal and vegetable fats and oils (A.11)	20	10
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	2
Alcoholic beverages (A.14)	2	1
Food for infants and small children (A.17)	6	3
Snacks, desserts and other foods (A.20)	6	3
Cereal grains, their products and by-products (G.01)	133	60
Oil seeds, oil fruits and products derived thereof (G.02)	67	27
Forages and roughage and products derived thereof (G.06)	15	5
Land animal products and products derived thereof (G.09)	4	2
Fish, other aquatic animals and products derived thereof (G.10)	25	11
Miscellaneous (G.13)	6	3
COMPOUND FEED (G.14)	550	215
Total	*2 452*	*944*

Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62) (No.28 - Level 3 in Table 1)

Table 47: Frequency of reporting on 'Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62)' (No.28 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	261	87
France	80	20
Ireland	60	20
Total	*401*	*127*

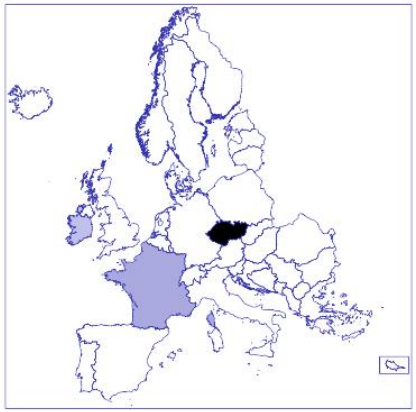

Figure 44: Number of results on 'Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62)' (No.28 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 45: Number of results on 'Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62)' (No.28 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 48: Frequency of reporting on 'Camphechlor (sum of the three indicator compounds Parlar No 26 50 and 62)' (No.28 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	93	31
Fish, other aquatic animals and products derived thereof (G.10)	36	9
COMPOUND FEED (G.14)	272	87
Total	*401*	*127*

Chlordane (sum of cis- and trans-chlordane) (No.29 - Level 3 in Table 1)

Table 49: Frequency of reporting on 'Chlordane (sum of cis- and trans-chlordane)' (No.29 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Bulgaria	71	71
Czech Republic	2 302	607
Denmark	33	11
France	330	84
Ireland	60	20
Lithuania	252	63
Norway	194	67
Slovakia	13	13
Total	*3 255*	*936*

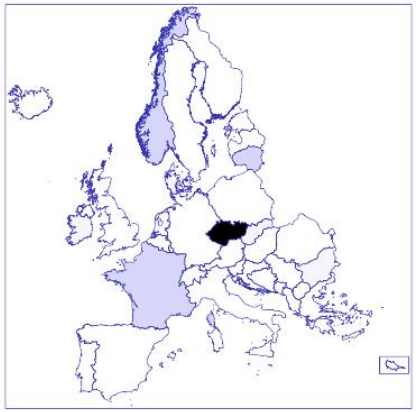

Figure 46: Number of results on 'Chlordane (sum of cis- and trans-chlordane)' (No.29 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

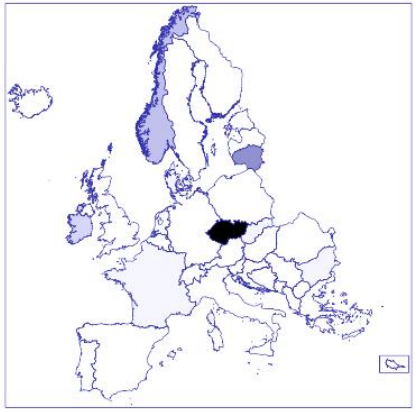

Figure 47: Number of results on 'Chlordane (sum of cis- and trans-chlordane)' (No.29 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 50: Frequency of reporting on 'Chlordane (sum of cis- and trans-chlordane)' (No.29 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	48	18
Vegetables and vegetable products (including fungi) (A.02)	67	25
Starchy roots and tubers (A.03)	12	6
Legumes, nuts and oilseeds (A.04)	6	2
Fruit and fruit products (A.05)	36	16
Meat and meat products (including edible offal) (A.06)	1 252	319
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	216	63
Milk and dairy products (A.08)	191	51
Eggs and egg products (A.09)	342	86
Sugar and confectionary (A.10)	113	29
Animal and vegetable fats and oils (A.11)	37	10
Non-alcoholic beverages (excepting milk based beverages) (A.13)	6	2
Alcoholic beverages (A.14)	3	1
Food for infants and small children (A.17)	9	3
Snacks, desserts and other foods (A.20)	9	3
Cereal grains, their products and by-products (G.01)	87	48
Oil seeds, oil fruits and products derived thereof (G.02)	58	19
Forages and roughage and products derived thereof (G.06)	20	5
Land animal products and products derived thereof (G.09)	4	2
Fish, other aquatic animals and products derived thereof (G.10)	30	11
Miscellaneous (G.13)	5	3
COMPOUND FEED (G.14)	704	214
Total	*3 255*	*936*

DDT (sum of p-p-DDT o-p-DDT p-p-DDE and p-p-TDE (DDD) expressed as DDT) (No.30 - Level 3 in Table 1)

Table 51: Frequency of reporting on 'DDT (sum of p-p-DDT o-p-DDT p-p-DDE and p-p-TDE (DDD) expressed as DDT)' (No.30 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	3 133	613
Denmark	44	11
Estonia	12	12
France	376	84
Ireland	120	20
Lithuania	441	63
Norway	408	68
Slovakia	285	285
Total	*4 819*	*1 156*

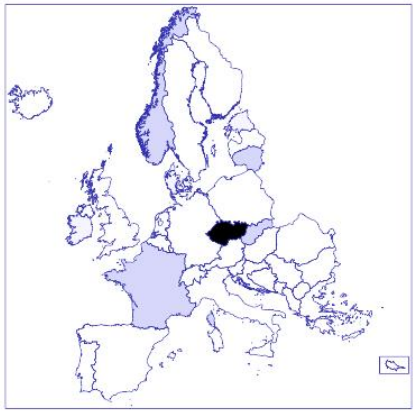

Figure 48: Number of results on 'DDT (sum of p-p-DDT o-p-DDT p-p-DDE and p-p-TDE (DDD) expressed as DDT)' (No.30 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

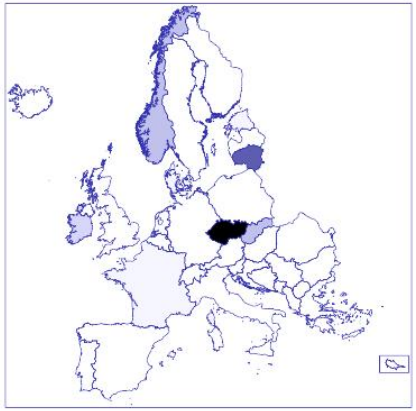

Figure 49: Number of results on 'DDT (sum of p-p-DDT o-p-DDT p-p-DDE and p-p-TDE (DDD) expressed as DDT)' (No.30 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 52: Frequency of reporting on 'DDT (sum of p-p-DDT o-p-DDT p-p-DDE and p-p-TDE (DDD) expressed as DDT)' (No.30 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	90	15
Vegetables and vegetable products (including fungi) (A.02)	126	21
Starchy roots and tubers (A.03)	18	3
Legumes, nuts and oilseeds (A.04)	12	2
Fruit and fruit products (A.05)	60	10
Meat and meat products (including edible offal) (A.06)	1 725	405
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	374	82
Milk and dairy products (A.08)	310	89
Eggs and egg products (A.09)	513	127
Sugar and confectionary (A.10)	187	46
Animal and vegetable fats and oils (A.11)	128	71
Non-alcoholic beverages (excepting milk based beverages) (A.13)	12	2
Alcoholic beverages (A.14)	6	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	1	1
Food for infants and small children (A.17)	18	3
Snacks, desserts and other foods (A.20)	18	3
Cereal grains, their products and by-products (G.01)	75	31
Oil seeds, oil fruits and products derived thereof (G.02)	57	13
Forages and roughage and products derived thereof (G.06)	27	11
Land animal products and products derived thereof (G.09)	4	2
Fish, other aquatic animals and products derived thereof (G.10)	35	11
Minerals and products derived thereof (G.11)	3	2
Miscellaneous (G.13)	5	3
COMPOUND FEED (G.14)	1 015	202
Total	*4 819*	*1 156*

Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan) (No.31 - Level 3 in Table 1)

Table 53: Frequency of reporting on 'Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)' (No.31 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Bulgaria	71	71
Czech Republic	2 302	607
Denmark	11	11
Estonia	36	20
France	342	88
Ireland	60	20
Norway	201	68
Slovakia	52	13
Total	*3 075*	*898*

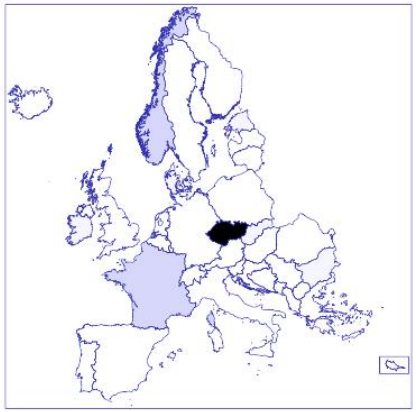

Figure 50: Number of results on 'Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)' (No.31 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 51: Number of results on 'Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)' (No.31 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 54: Frequency of reporting on 'Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)' (No.31 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	48	18
Vegetables and vegetable products (including fungi) (A.02)	79	25
Starchy roots and tubers (A.03)	21	6
Legumes, nuts and oilseeds (A.04)	6	2
Fruit and fruit products (A.05)	54	16
Meat and meat products (including edible offal) (A.06)	1 212	309
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	142	50
Milk and dairy products (A.08)	183	49
Eggs and egg products (A.09)	262	66
Sugar and confectionary (A.10)	69	18
Animal and vegetable fats and oils (A.11)	9	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	6	2
Alcoholic beverages (A.14)	3	1
Food for infants and small children (A.17)	9	3
Snacks, desserts and other foods (A.20)	9	3
Cereal grains, their products and by-products (G.01)	99	60
Oil seeds, oil fruits and products derived thereof (G.02)	82	27
Forages and roughage and products derived thereof (G.06)	20	5
Land animal products and products derived thereof (G.09)	4	2
Fish, other aquatic animals and products derived thereof (G.10)	42	15
Miscellaneous (G.13)	5	3
COMPOUND FEED (G.14)	711	215
Total	*3 075*	*898*

Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor) (No.32 - Level 3 in Table 1)

Table 55: Frequency of reporting on 'Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)' (No.32 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Bulgaria	71	71
Czech Republic	2 292	607
Denmark	22	11
Estonia	20	20
France	86	84
Ireland	60	20
Lithuania	189	63
Slovakia	40	14
Total	*2 780*	*890*

Figure 52: Number of results on 'Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)' (No.32 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 53: Number of results on 'Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)' (No.32 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 56: Frequency of reporting on 'Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)' (No.32 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	48	18
Vegetables and vegetable products (including fungi) (A.02)	75	25
Starchy roots and tubers (A.03)	18	6
Legumes, nuts and oilseeds (A.04)	6	2
Fruit and fruit products (A.05)	48	16
Meat and meat products (including edible offal) (A.06)	1 240	319
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	191	63
Milk and dairy products (A.08)	189	51
Eggs and egg products (A.09)	322	86
Sugar and confectionary (A.10)	102	29
Animal and vegetable fats and oils (A.11)	30	10
Non-alcoholic beverages (excepting milk based beverages) (A.13)	6	2
Alcoholic beverages (A.14)	3	1
Food for infants and small children (A.17)	10	4
Snacks, desserts and other foods (A.20)	9	3
Cereal grains, their products and by-products (G.01)	60	60
Oil seeds, oil fruits and products derived thereof (G.02)	27	27
Forages and roughage and products derived thereof (G.06)	5	5
Land animal products and products derived thereof (G.09)	2	2
Fish, other aquatic animals and products derived thereof (G.10)	11	11
Miscellaneous (G.13)	3	3
COMPOUND FEED (G.14)	375	147
Total	*2 780*	*890*

Hexachlorocyclohexane (HCH) sum of alpha- beta- and gamma- isomers (No.33 - Level 3 in Table 1)

Table 57: Frequency of reporting on 'Hexachlorocyclohexane (HCH) sum of alpha- beta- and gamma- isomers' (No.33 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	1 839	613
Denmark	33	11
Estonia	60	20
France	256	88
Ireland	60	20
Lithuania	189	63
Slovakia	854	286
Total	*3 291*	*1 101*

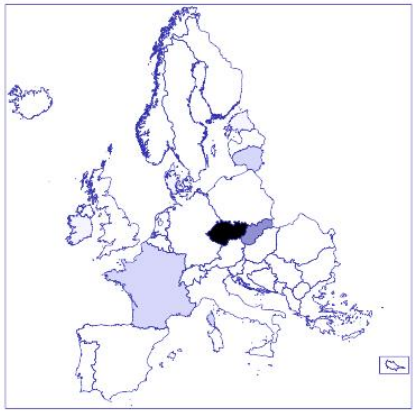

Figure 54: Number of results on 'Hexachlorocyclohexane (HCH) sum of alpha- beta- and gamma- isomers' (No.33 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

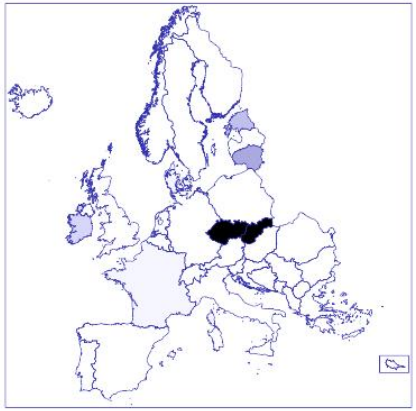

Figure 55: Number of results on 'Hexachlorocyclohexane (HCH) sum of alpha- beta- and gamma- isomers' (No.33 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 58: Frequency of reporting on 'Hexachlorocyclohexane (HCH) sum of alpha- beta- and gamma- isomers' (No.33 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	45	15
Vegetables and vegetable products (including fungi) (A.02)	63	21
Starchy roots and tubers (A.03)	9	3
Legumes, nuts and oilseeds (A.04)	6	2
Fruit and fruit products (A.05)	30	10
Meat and meat products (including edible offal) (A.06)	1 215	405
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	242	82
Milk and dairy products (A.08)	267	89
Eggs and egg products (A.09)	384	128
Sugar and confectionary (A.10)	138	46
Animal and vegetable fats and oils (A.11)	213	71
Non-alcoholic beverages (excepting milk based beverages) (A.13)	6	2
Alcoholic beverages (A.14)	3	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	3	1
Food for infants and small children (A.17)	9	3
Snacks, desserts and other foods (A.20)	9	3
Cereal grains, their products and by-products (G.01)	93	31
Oil seeds, oil fruits and products derived thereof (G.02)	63	21
Forages and roughage and products derived thereof (G.06)	33	11
Land animal products and products derived thereof (G.09)	6	2
Fish, other aquatic animals and products derived thereof (G.10)	37	15
Minerals and products derived thereof (G.11)	6	2
Miscellaneous (G.13)	9	3
COMPOUND FEED (G.14)	402	134
Total	*3 291*	*1 101*

Perfluorinated compounds (No.34 - Level 2 in Table 1)

Table 59: Frequency of reporting on 'Perfluorinated compounds' (No.34 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Cyprus	10	5
Denmark	648	72
Germany	3 540	580
Total	*4 198*	*657*

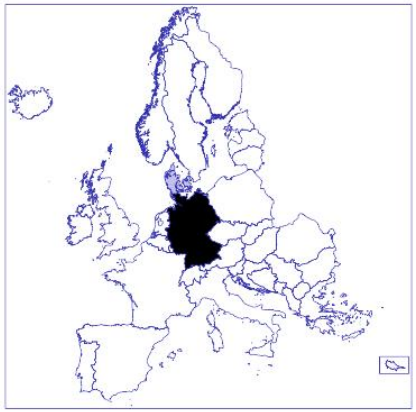

Figure 56: Number of results on 'Perfluorinated compounds' (No.34 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

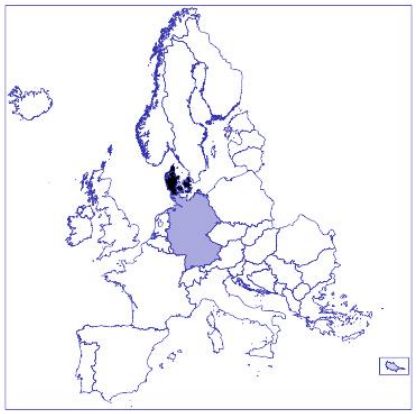

Figure 57: Number of results on 'Perfluorinated compounds' (No.34 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 60: Frequency of reporting on 'Perfluorinated compounds' (No.34 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	108	12
Vegetables and vegetable products (including fungi) (A.02)	1 047	175
Starchy roots and tubers (A.03)	22	4
Fruit and fruit products (A.05)	620	105
Meat and meat products (including edible offal) (A.06)	660	138
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	483	56
Milk and dairy products (A.08)	466	79
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	792	88
Total	*4 198*	*657*

Miscellaneous organic contaminants (No.38 - Level 2 in Table 1)

Table 61: Frequency of reporting on 'Miscellaneous organic contaminants' (No.38 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	467	466
Total	*467*	*466*

Figure 58: Number of results on 'Miscellaneous organic contaminants' (No.38 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 59: Number of results on 'Miscellaneous organic contaminants' (No.38 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 62: Frequency of reporting on 'Miscellaneous organic contaminants' (No.38 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	80	80
Alcoholic beverages (A.14)	383	382
Snacks, desserts and other foods (A.20)	4	4
Total	*467*	*466*

Process Contaminants (No.39 - Level 1 in Table 1)

Table 63: Frequency of reporting on 'Process Contaminants' (No.39 - Level 1 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	6 535	823
Croatia	71	71
Cyprus	551	86
Czech Republic	870	300
Denmark	3 219	315
Estonia	32	22
European Union	1 635	987
Finland	36	36
France	1 116	651
Germany	3 920	2 488
Hungary	3 331	250
Italy	242	242
Lithuania	87	81
Luxembourg	226	90
Malta	15	15
Norway	508	82
Portugal	25	25
Romania	82	82
Slovakia	2 234	648
Slovenia	653	207
Spain	1 977	500
Sweden	473	23
United Kingdom	363	363
Total	*28 201*	*8 387*

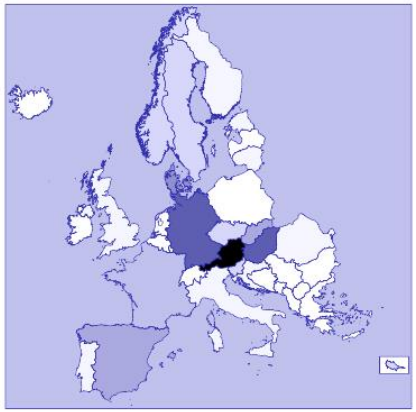

Figure 60: Number of results on 'Process Contaminants' (No.39 - Level 1 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

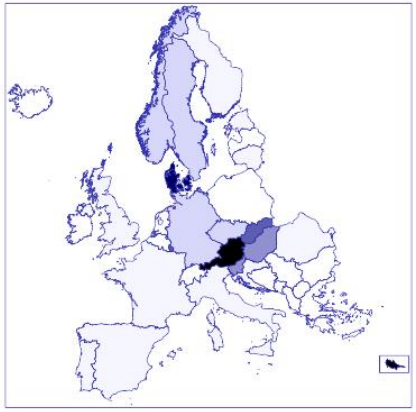

Figure 61: Number of results on 'Process Contaminants' (No.39 - Level 1 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 64: Frequency of reporting on 'Process Contaminants' (No.39 - Level 1 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	2 256	1 673
Vegetables and vegetable products (including fungi) (A.02)	1 454	744
Starchy roots and tubers (A.03)	661	661
Legumes, nuts and oilseeds (A.04)	539	50
Fruit and fruit products (A.05)	922	96
Meat and meat products (including edible offal) (A.06)	6 487	899
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	4 164	610
Milk and dairy products (A.08)	39	18
Sugar and confectionary (A.10)	537	97
Animal and vegetable fats and oils (A.11)	7 032	1 426
Fruit and vegetable juices (A.12)	6	6
Non-alcoholic beverages (excepting milk based beverages) (A.13)	102	60
Alcoholic beverages (A.14)	439	439
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	74	26
Herbs, spices and condiments (A.16)	382	197
Food for infants and small children (A.17)	2 001	696
Products for special nutritional use (A.18)	157	94
Composite food (including frozen products) (A.19)	124	78
Snacks, desserts and other foods (A.20)	505	431
Cereal grains, their products and by-products (G.01)	5	5
Oil seeds, oil fruits and products derived thereof (G.02)	3	3
Forages and roughage and products derived thereof (G.06)	44	11
COMPOUND FEED (G.14)	268	67
Total	*28 201*	*8 387*

Acrylamide (No.40 - Level 2 in Table 1)

Table 65: Frequency of reporting on 'Acrylamide' (No.40 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	70	70
Croatia	33	33
Cyprus	40	40
Czech Republic	55	55
Denmark	129	129
Estonia	12	12
European Union	285	285
Finland	36	36
France	194	194
Germany	1 524	1 524
Hungary	17	17
Italy	242	242
Lithuania	42	42
Luxembourg	36	36
Romania	82	82
Slovakia	71	71
Slovenia	51	51
Spain	228	228
United Kingdom	250	250
Total	*3 397*	*3 397*

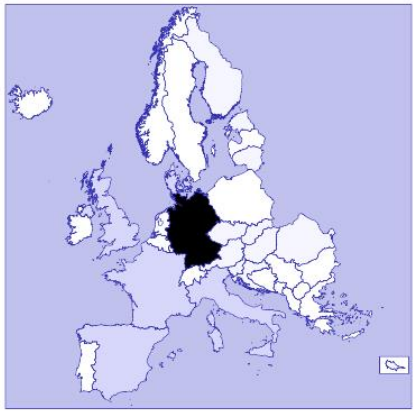

Figure 62: Number of results on 'Acrylamide' (No.40 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

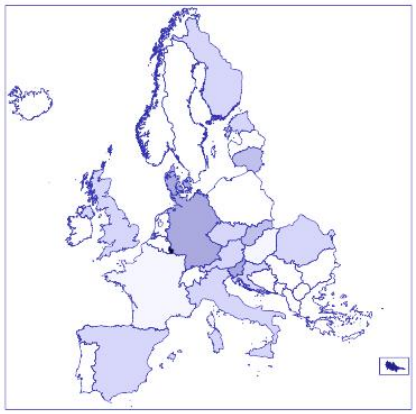

Figure 63: Number of results on 'Acrylamide' (No.40 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 66: Frequency of reporting on 'Acrylamide' (No.40 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 463	1 463
Vegetables and vegetable products (including fungi) (A.02)	574	574
Starchy roots and tubers (A.03)	634	634
Legumes, nuts and oilseeds (A.04)	7	7
Fruit and fruit products (A.05)	23	23
Sugar and confectionary (A.10)	12	12
Non-alcoholic beverages (excepting milk based beverages) (A.13)	13	13
Food for infants and small children (A.17)	308	308
Products for special nutritional use (A.18)	1	1
Composite food (including frozen products) (A.19)	7	7
Snacks, desserts and other foods (A.20)	350	350
Cereal grains, their products and by-products (G.01)	5	5
Total	*3 397*	*3 397*

Cyclic hydrocarbons (No.41 - Level 2 in Table 1)

Table 67: Frequency of reporting on 'Cyclic hydrocarbons' (No.41 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	137	137
Cyprus	15	15
Denmark	65	65
Germany	16	16
Hungary	17	17
Lithuania	10	10
Luxembourg	20	20
Portugal	25	25
Slovenia	19	19
Spain	31	31
United Kingdom	113	113
Total	*468*	*468*

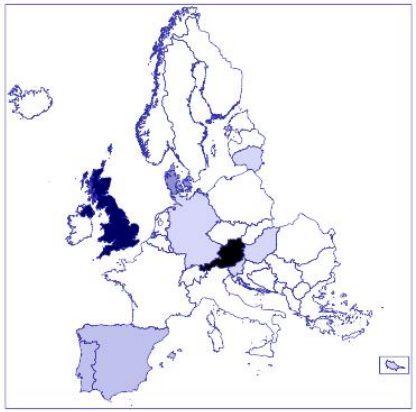

Figure 64: Number of results on 'Cyclic hydrocarbons' (No.41 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

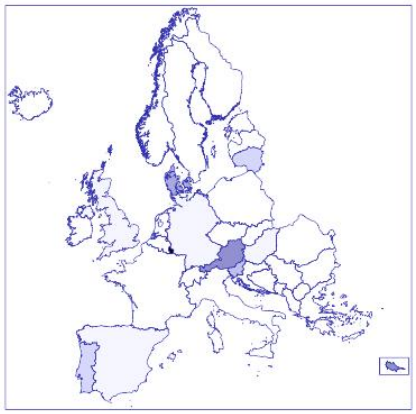

Figure 65: Number of results on 'Cyclic hydrocarbons' (No.41 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 68: Frequency of reporting on 'Cyclic hydrocarbons' (No.41 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	109	109
Vegetables and vegetable products (including fungi) (A.02)	99	99
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	1	1
Fruit and fruit products (A.05)	14	14
Meat and meat products (including edible offal) (A.06)	3	3
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	6	6
Milk and dairy products (A.08)	11	11
Sugar and confectionary (A.10)	26	26
Fruit and vegetable juices (A.12)	6	6
Non-alcoholic beverages (excepting milk based beverages) (A.13)	29	29
Alcoholic beverages (A.14)	10	10
Herbs, spices and condiments (A.16)	7	7
Food for infants and small children (A.17)	71	71
Composite food (including frozen products) (A.19)	59	59
Snacks, desserts and other foods (A.20)	14	14
Total	*468*	*468*

Hydroxymethylfurfural (No.42 - Level 3 in Table 1)

Table 69: Frequency of reporting on 'Hydroxymethylfurfural' (No.42 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Portugal	25	25
Total	*25*	*25*

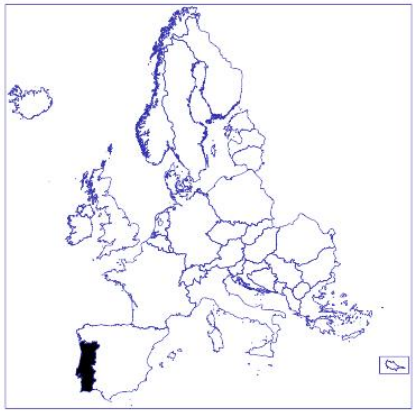

Figure 66: Number of results on 'Hydroxymethylfurfural' (No.42 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

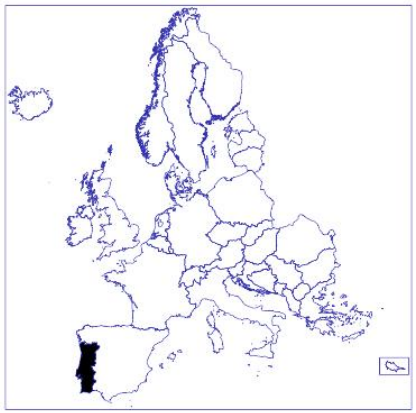

Figure 67: Number of results on 'Hydroxymethylfurfural' (No.42 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 70: Frequency of reporting on 'Hydroxymethylfurfural' (No.42 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Sugar and confectionary (A.10)	25	25
Total	*25*	*25*

Furan (No.43 - Level 3 in Table 1)

Table 71: Frequency of reporting on 'Furan' (No.43 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	137	137
Cyprus	15	15
Denmark	65	65
Germany	16	16
Hungary	17	17
Lithuania	10	10
Luxembourg	20	20
Slovenia	19	19
Spain	31	31
United Kingdom	113	113
Total	*443*	*443*

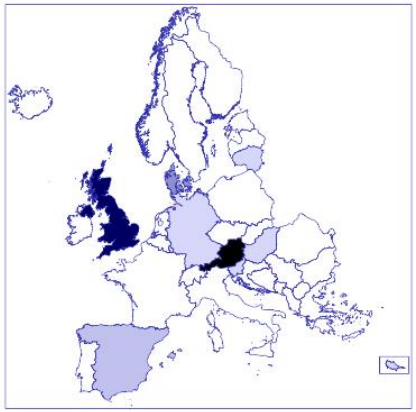

Figure 68: Number of results on 'Furan' (No.43 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

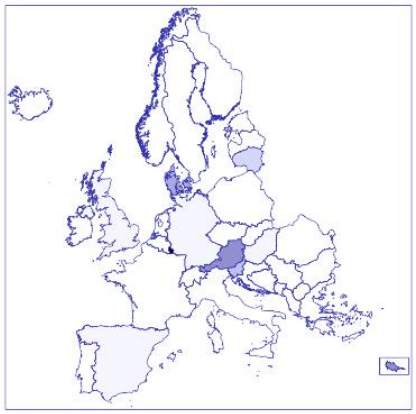

Figure 69: Number of results on 'Furan' (No.43 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 72: Frequency of reporting on 'Furan' (No.43 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	109	109
Vegetables and vegetable products (including fungi) (A.02)	99	99
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	1	1
Fruit and fruit products (A.05)	14	14
Meat and meat products (including edible offal) (A.06)	3	3
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	6	6
Milk and dairy products (A.08)	11	11
Sugar and confectionary (A.10)	1	1
Fruit and vegetable juices (A.12)	6	6
Non-alcoholic beverages (excepting milk based beverages) (A.13)	29	29
Alcoholic beverages (A.14)	10	10
Herbs, spices and condiments (A.16)	7	7
Food for infants and small children (A.17)	71	71
Composite food (including frozen products) (A.19)	59	59
Snacks, desserts and other foods (A.20)	14	14
Total	*443*	*443*

Ethyl carbamate (No.44 - Level 2 in Table 1)

Table 73: Frequency of reporting on 'Ethyl carbamate' (No.44 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	75	75
Czech Republic	32	32
Germany	275	275
Hungary	9	9
Slovakia	24	24
Slovenia	20	20
Spain	7	7
Total	*442*	*442*

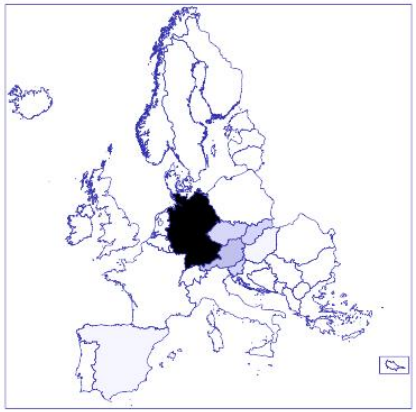

Figure 70: Number of results on 'Ethyl carbamate' (No.44 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

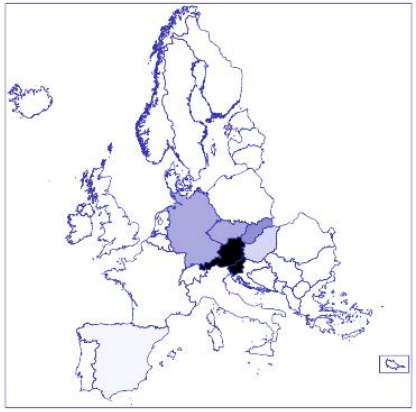

Figure 71: Number of results on 'Ethyl carbamate' (No.44 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 74: Frequency of reporting on 'Ethyl carbamate' (No.44 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Alcoholic beverages (A.14)	429	429
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	7	7
Herbs, spices and condiments (A.16)	6	6
Total	*442*	*442*

Halogenated Hydrocarbons (No.45 - Level 2 in Table 1)

Table 75: Frequency of reporting on 'Halogenated Hydrocarbons' (No.45 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	100	63
European Union	1 350	702
France	50	50
Germany	469	262
Luxembourg	10	10
Malta	15	15
Slovakia	24	24
Spain	19	19
Total	*2 037*	*1 145*

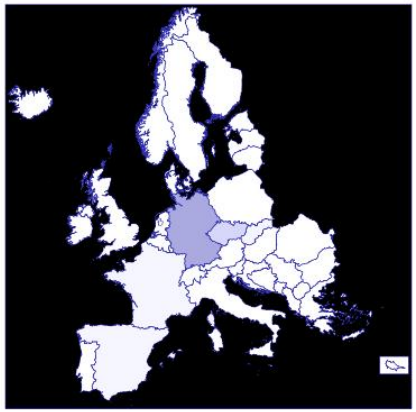

Figure 72: Number of results on 'Halogenated Hydrocarbons' (No.45 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

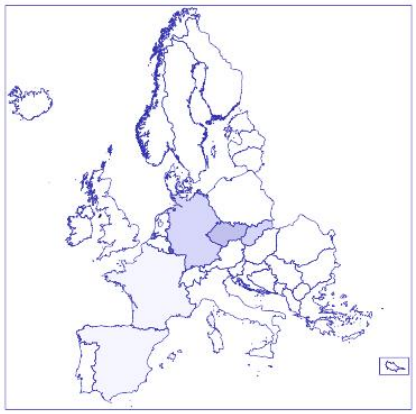

Figure 73: Number of results on 'Halogenated Hydrocarbons' (No.45 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 76: Frequency of reporting on 'Halogenated Hydrocarbons' (No.45 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	34	34
Starchy roots and tubers (A.03)	20	20
Animal and vegetable fats and oils (A.11)	1 386	726
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	50	13
Herbs, spices and condiments (A.16)	135	135
Food for infants and small children (A.17)	290	154
Composite food (including frozen products) (A.19)	1	1
Snacks, desserts and other foods (A.20)	121	62
Total	*2 037*	*1 145*

2-monochloropropane-1-3-diol (2-MCPDs) (No.46 - Level 3 in Table 1)

Table 77: Frequency of reporting on '2-monochloropropane-1-3-diol (2-MCPDs)' (No.46 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Germany	68	68
Total	*68*	*68*

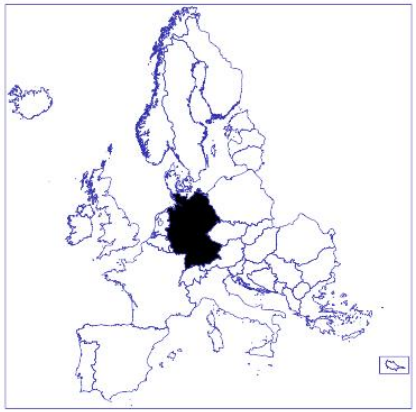

Figure 74: Number of results on '2-monochloropropane-1-3-diol (2-MCPDs)' (No.46 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

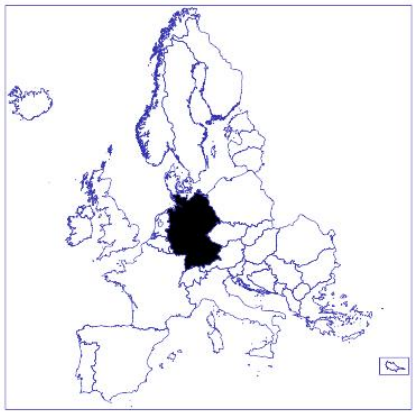

Figure 75: Number of results on '2-monochloropropane-1-3-diol (2-MCPDs)' (No.46 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 78: Frequency of reporting on '2-monochloropropane-1-3-diol (2-MCPDs)' (No.46 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Food for infants and small children (A.17)	68	68
Total	*68*	*68*

Glycidyl esters (expressed as glycidol moiety) (No.47 - Level 3 in Table 1)

Table 79: Frequency of reporting on 'Glycidyl esters (expressed as glycidol moiety)' (No.47 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
European Union	648	648
Germany	139	139
Total	*787*	*787*

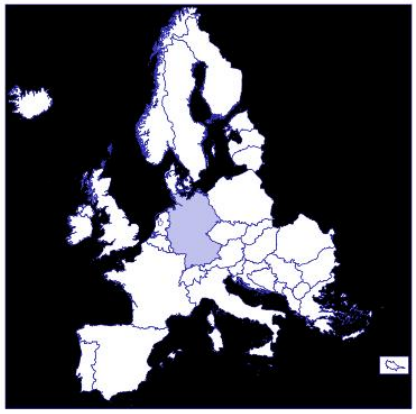

Figure 76: Number of results on 'Glycidyl esters (expressed as glycidol moiety)' (No.47 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

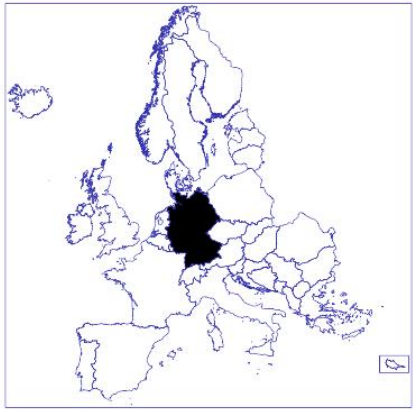

Figure 77: Number of results on 'Glycidyl esters (expressed as glycidol moiety)' (No.47 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 80: Frequency of reporting on 'Glycidyl esters (expressed as glycidol moiety)' (No.47 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Animal and vegetable fats and oils (A.11)	660	660
Food for infants and small children (A.17)	68	68
Snacks, desserts and other foods (A.20)	59	59
Total	*787*	*787*

3-monochloropropane-1-2-diol (3-MCPDs) (No.48 - Level 3 in Table 1)

Table 81: Frequency of reporting on '3-monochloropropane-1-2-diol (3-MCPDs)' (No.48 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	50	50
European Union	702	702
France	50	50
Germany	262	262
Luxembourg	10	10
Malta	15	15
Slovakia	24	24
Spain	19	19
Total	*1 132*	*1 132*

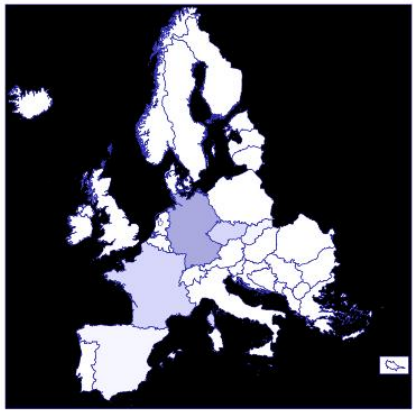

Figure 78: Number of results on '3-monochloropropane-1-2-diol (3-MCPDs)' (No.48 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

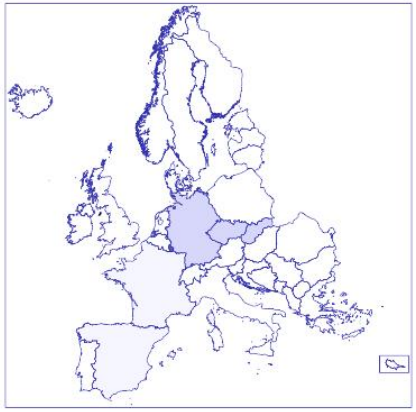

Figure 79: Number of results on '3-monochloropropane-1-2-diol (3-MCPDs)' (No.48 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 82: Frequency of reporting on '3-monochloropropane-1-2-diol (3-MCPDs)' (No.48 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	34	34
Starchy roots and tubers (A.03)	20	20
Animal and vegetable fats and oils (A.11)	726	726
Herbs, spices and condiments (A.16)	135	135
Food for infants and small children (A.17)	154	154
Composite food (including frozen products) (A.19)	1	1
Snacks, desserts and other foods (A.20)	62	62
Total	*1 132*	*1 132*

Other halogenated hydrocarbons (No.49 - Level 3 in Table 1)

Table 83: Frequency of reporting on 'Other halogenated hydrocarbons' (No.49 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	41	13
Total	*41*	*13*

Figure 80: Number of results on 'Other halogenated hydrocarbons' (No.49 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 81: Number of results on 'Other halogenated hydrocarbons' (No.49 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 84: Frequency of reporting on 'Other halogenated hydrocarbons' (No.49 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	41	13
Total	*41*	*13*

Polycyclic aromatic hydrocarbons (No.50 - Level 2 in Table 1)

Table 85: Frequency of reporting on 'Polycyclic aromatic hydrocarbons' (No.50 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	6 253	541
Croatia	38	38
Cyprus	496	31
Czech Republic	683	150
Denmark	3 025	121
Estonia	20	10
France	872	407
Germany	1 636	411
Hungary	3 288	207
Lithuania	35	29
Luxembourg	160	40
Norway	508	82
Slovakia	2 115	529
Slovenia	563	117
Spain	1 692	263
Sweden	473	23
Total	*21 857*	*2 999*

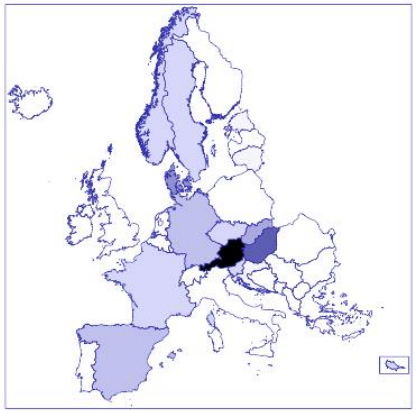

Figure 82: Number of results on 'Polycyclic aromatic hydrocarbons' (No.50 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

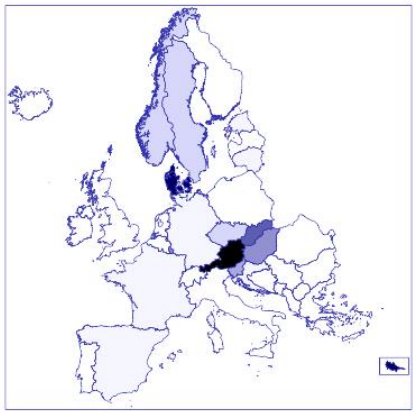

Figure 83: Number of results on 'Polycyclic aromatic hydrocarbons' (No.50 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 86: Frequency of reporting on 'Polycyclic aromatic hydrocarbons' (No.50 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	650	75
Vegetables and vegetable products (including fungi) (A.02)	781	115
Starchy roots and tubers (A.03)	4	4
Legumes, nuts and oilseeds (A.04)	531	42
Fruit and fruit products (A.05)	885	59
Meat and meat products (including edible offal) (A.06)	6 484	896
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	4 158	604
Milk and dairy products (A.08)	28	7
Sugar and confectionary (A.10)	499	59
Animal and vegetable fats and oils (A.11)	5 646	700
Non-alcoholic beverages (excepting milk based beverages) (A.13)	60	18
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	17	6
Herbs, spices and condiments (A.16)	234	49
Food for infants and small children (A.17)	1 332	175
Products for special nutritional use (A.18)	156	93
Composite food (including frozen products) (A.19)	57	11
Snacks, desserts and other foods (A.20)	20	5
Oil seeds, oil fruits and products derived thereof (G.02)	3	3
Forages and roughage and products derived thereof (G.06)	44	11
COMPOUND FEED (G.14)	268	67
Total	*21 857*	*2 999*

Toxins (No.51 - Level 1 in Table 1)

Table 87: Frequency of reporting on 'Toxins' (No.51 - Level 1 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	7 394	1 183
Belgium	516	129
Bulgaria	7 183	803
Croatia	4 225	3 424
Cyprus	1 048	325
Czech Republic	4 267	1 107
Denmark	775	207
Estonia	252	111
Finland	3 530	887
France	12 145	2 542
Germany	44 823	13 735
Hungary	4 189	3 009
Ireland	2 630	618
Italy	21	21
Lithuania	630	421
Luxembourg	644	240
Malta	286	264
Netherlands	7 057	2 292
Portugal	1 377	601
Romania	5 459	3 205
Slovakia	2 467	1 623
Slovenia	3 092	493
Spain	2 835	1 312
Sweden	245	61
United Kingdom	7 093	1 032
Total	*124 183*	*39 645*

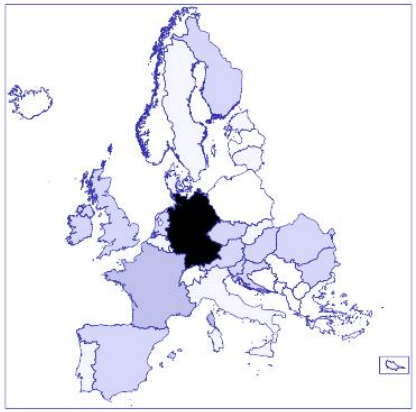

Figure 84: Number of results on 'Toxins' (No.51 - Level 1 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

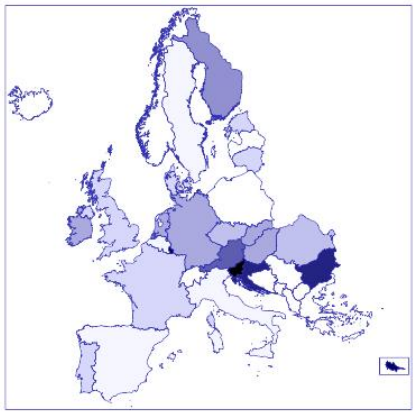

Figure 85: Number of results on 'Toxins' (No.51 - Level 1 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 88: Frequency of reporting on 'Toxins' (No.51 - Level 1 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	46 151	13 664
Vegetables and vegetable products (including fungi) (A.02)	5 976	1 693
Starchy roots and tubers (A.03)	16	2
Legumes, nuts and oilseeds (A.04)	18 611	4 962
Fruit and fruit products (A.05)	10 659	3 041
Meat and meat products (including edible offal) (A.06)	1 014	678
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1 527	552
Milk and dairy products (A.08)	3 242	3 205
Sugar and confectionary (A.10)	4 311	509
Animal and vegetable fats and oils (A.11)	1 128	302
Fruit and vegetable juices (A.12)	1 468	1 300
Non-alcoholic beverages (excepting milk based beverages) (A.13)	126	96
Alcoholic beverages (A.14)	3 250	1 431
Herbs, spices and condiments (A.16)	4 388	1 464
Food for infants and small children (A.17)	1 890	997
Products for special nutritional use (A.18)	678	60
Composite food (including frozen products) (A.19)	138	36
Snacks, desserts and other foods (A.20)	1 078	309
Other foods (foods which cannot be included in any other group) (A.20.03)	45	15
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	4	1
Cereal grains, their products and by-products (G.01)	8 623	2 355
Oil seeds, oil fruits and products derived thereof (G.02)	1 359	294
Legume seeds and products derived thereof (G.03)	43	9
Tubers, roots and products derived thereof (G.04)	8	5
Other seeds and fruits and products derived thereof (G.05)	113	24
Forages and roughage and products derived thereof (G.06)	1 864	303
Other plants, algae and products derived thereof (G.07)	5	1
Milk products and products derived thereof (G.08)	4	4
Land animal products and products derived thereof (G.09)	12	2
Minerals and products derived thereof (G.11)	1	1
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	30	6
COMPOUND FEED (G.14)	6 418	2 321
Total	*124 183*	*39 645*

Biogenic amines (No.54 - Level 2 in Table 1)

Table 89: Frequency of reporting on 'Biogenic amines' (No.54 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	147	19
Ireland	981	222
Portugal	231	231
Slovakia	10	10
Total	*1 369*	*482*

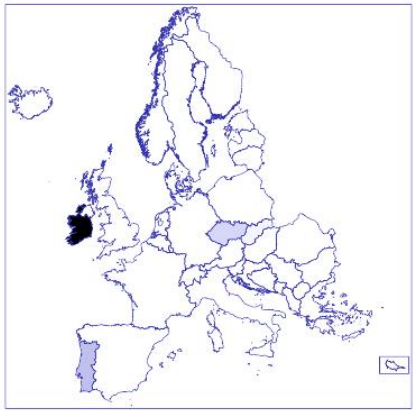

Figure 86: Number of results on 'Biogenic amines' (No.54 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

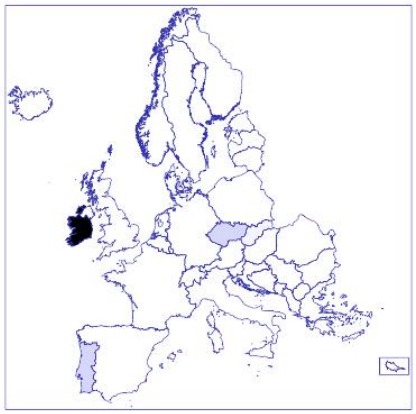

Figure 87: Number of results on 'Biogenic amines' (No.54 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 90: Frequency of reporting on 'Biogenic amines' (No.54 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Meat and meat products (including edible offal) (A.06)	1	1
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1 222	454
Herbs, spices and condiments (A.16)	56	8
Composite food (including frozen products) (A.19)	90	19
Total	*1 369*	*482*

Marine biotoxins (No.55 - Level 2 in Table 1)

Table 91: Frequency of reporting on 'Marine biotoxins' (No.55 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	118	17
Total	*118*	*17*

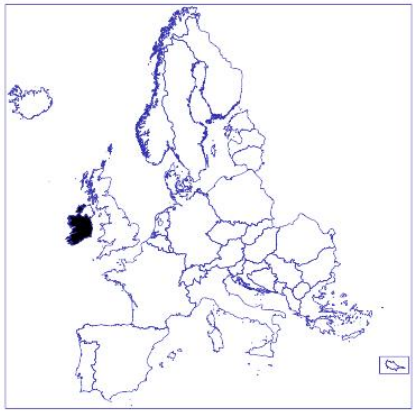

Figure 88: Number of results on 'Marine biotoxins' (No.55 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

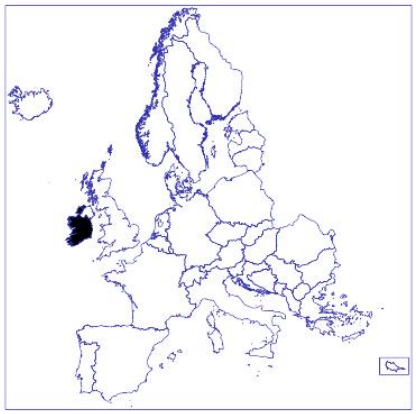

Figure 89: Number of results on 'Marine biotoxins' (No.55 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 92: Frequency of reporting on 'Marine biotoxins' (No.55 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	118	17
Total	*118*	*17*

Marine biotoxins – muscle-paralysing toxin (No.57 - Level 3 in Table 1)

Table 93: Frequency of reporting on 'Marine biotoxins – muscle-paralysing toxin' (No.57 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	2	2
Total	*2*	*2*

Number of results on 'Marine biotoxins – muscle-paralysing toxin' (No.57 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 90: Number of results on 'Marine biotoxins – muscle-paralysing toxin' (No.57 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 94: Frequency of reporting on 'Marine biotoxins – muscle-paralysing toxin' (No.57 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	2	2
Total	*2*	*2*

Okadaic acid group toxins (No.64 - Level 3 in Table 1)

Table 95: Frequency of reporting on 'Okadaic acid group toxins' (No.64 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	48	16
Total	*48*	*16*

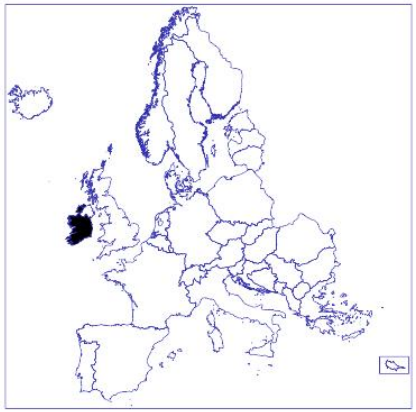

Figure 91: Number of results on 'Okadaic acid group toxins' (No.64 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

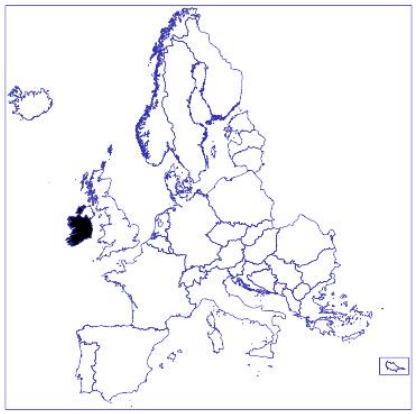

Figure 92: Number of results on 'Okadaic acid group toxins' (No.64 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 96: Frequency of reporting on 'Okadaic acid group toxins' (No.64 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	48	16
Total	*48*	*16*

Domoic acid group toxins (No.65 - Level 3 in Table 1)

Table 97: Frequency of reporting on 'Domoic acid group toxins' (No.65 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	17	17
Total	*17*	*17*

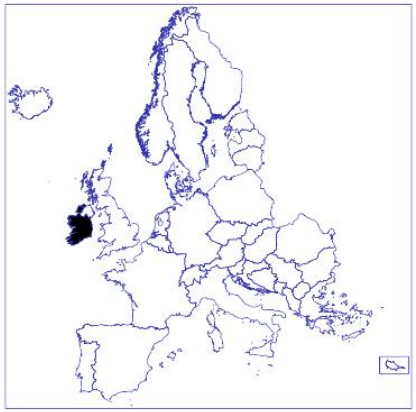

Figure 93: Number of results on 'Domoic acid group toxins' (No.65 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

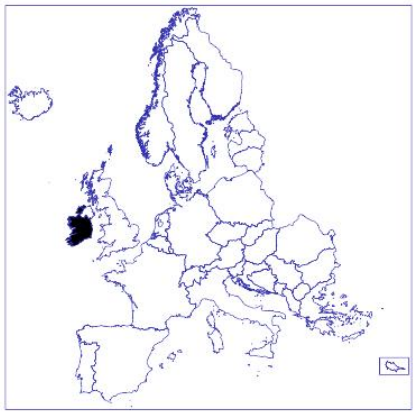

Figure 94: Number of results on 'Domoic acid group toxins' (No.65 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 98: Frequency of reporting on 'Domoic acid group toxins' (No.65 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	17	17
Total	*17*	*17*

Azaspiracid-group toxins (No.68 - Level 3 in Table 1)

Table 99: Frequency of reporting on 'Azaspiracid-group toxins' (No.68 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	51	17
Total	*51*	*17*

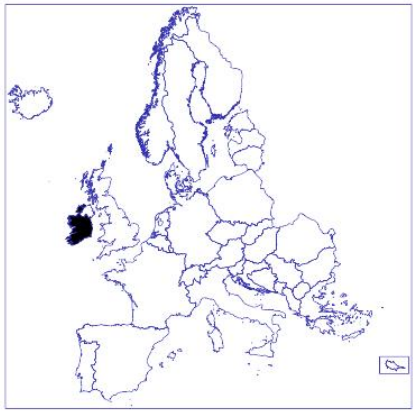

Figure 95: Number of results on 'Azaspiracid-group toxins' (No.68 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

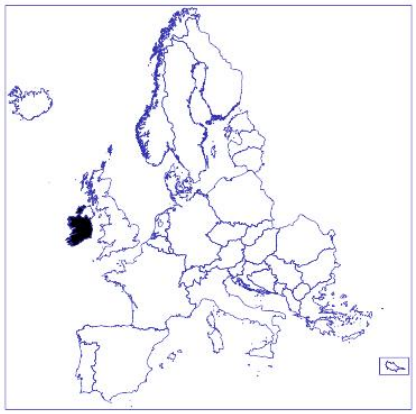

Figure 96: Number of results on 'Azaspiracid-group toxins' (No.68 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 100: Frequency of reporting on 'Azaspiracid-group toxins' (No.68 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	51	17
Total	*51*	*17*

Mycotoxins (No.70 - Level 2 in Table 1)

Table 101: Frequency of reporting on 'Mycotoxins' (No.70 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	7 386	1 181
Belgium	516	129
Bulgaria	7 183	803
Croatia	4 215	3 414
Cyprus	1 048	325
Czech Republic	4 103	1 071
Denmark	775	207
Estonia	252	111
Finland	3 530	887
France	10 322	2 365
Germany	38 419	13 259
Hungary	4 189	3 009
Ireland	1 484	332
Italy	21	21
Lithuania	630	421
Luxembourg	624	220
Malta	286	264
Netherlands	7 057	2 292
Portugal	1 146	370
Romania	5 459	3 205
Slovakia	2 457	1 613
Slovenia	3 060	477
Spain	2 835	1 312
Sweden	245	61
United Kingdom	7 093	1 032
Total	*114 335*	*38 381*

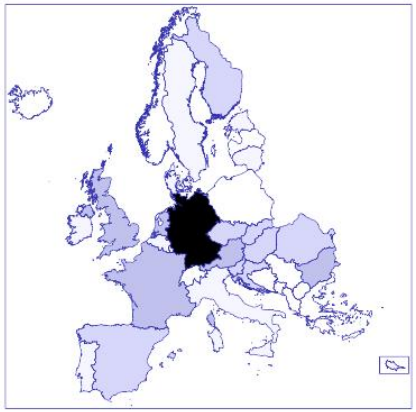

Figure 97: Number of results on 'Mycotoxins' (No.70 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

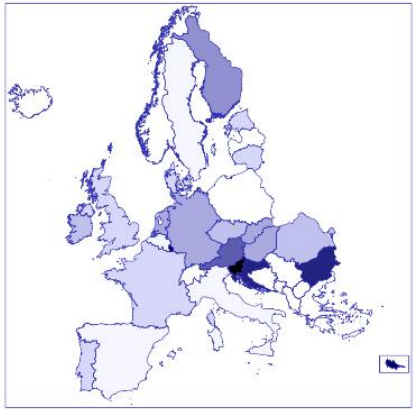

Figure 98: Number of results on 'Mycotoxins' (No.70 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 102: Frequency of reporting on 'Mycotoxins' (No.70 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	46 029	13 586
Vegetables and vegetable products (including fungi) (A.02)	2 228	1 451
Starchy roots and tubers (A.03)	16	2
Legumes, nuts and oilseeds (A.04)	18 440	4 898
Fruit and fruit products (A.05)	10 659	3 041
Meat and meat products (including edible offal) (A.06)	1 013	677
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	187	81
Milk and dairy products (A.08)	3 242	3 205
Sugar and confectionary (A.10)	731	214
Animal and vegetable fats and oils (A.11)	1 126	300
Fruit and vegetable juices (A.12)	1 468	1 300
Non-alcoholic beverages (excepting milk based beverages) (A.13)	101	91
Alcoholic beverages (A.14)	3 249	1 430
Herbs, spices and condiments (A.16)	4 319	1 453
Food for infants and small children (A.17)	1 822	993
Products for special nutritional use (A.18)	89	29
Composite food (including frozen products) (A.19)	48	17
Snacks, desserts and other foods (A.20)	1 075	308
Other foods (foods which cannot be included in any other group) (A.20.03)	45	15
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	4	1
Cereal grains, their products and by-products (G.01)	8 623	2 355
Oil seeds, oil fruits and products derived thereof (G.02)	1 349	284
Legume seeds and products derived thereof (G.03)	43	9
Tubers, roots and products derived thereof (G.04)	8	5
Other seeds and fruits and products derived thereof (G.05)	113	24
Forages and roughage and products derived thereof (G.06)	1 864	303
Other plants, algae and products derived thereof (G.07)	5	1
Milk products and products derived thereof (G.08)	4	4
Land animal products and products derived thereof (G.09)	12	2
Minerals and products derived thereof (G.11)	1	1
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	29	5
COMPOUND FEED (G.14)	6 390	2 293
Total	*114 335*	*38 381*

Ochratoxins (No.72 - Level 3 in Table 1)

Table 103: Frequency of reporting on 'Ochratoxins' (No.72 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	424	424
Bulgaria	289	289
Croatia	226	226
Cyprus	97	97
Czech Republic	431	431
Denmark	18	18
Estonia	28	28
Finland	439	439
France	356	356
Germany	4 478	4 478
Hungary	467	467
Ireland	169	169
Luxembourg	37	37
Malta	40	40
Portugal	46	46
Romania	789	789
Slovakia	456	456
Slovenia	255	253
Spain	678	678
Sweden	41	41
United Kingdom	106	106
Total	*9 870*	*9 868*

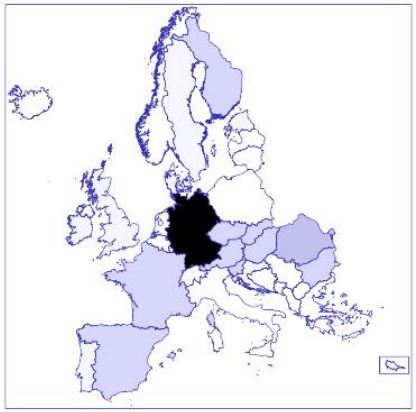

Figure 99: Number of results on 'Ochratoxins' (No.72 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

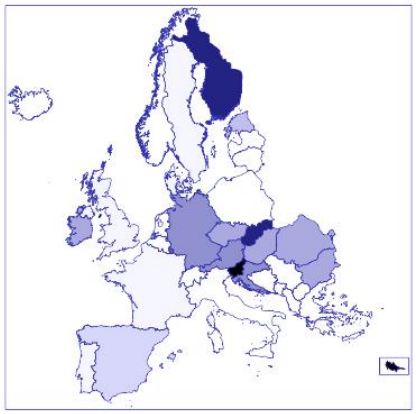

Figure 100: Number of results on 'Ochratoxins' (No.72 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 104: Frequency of reporting on 'Ochratoxins' (No.72 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	3 070	3 069
Vegetables and vegetable products (including fungi) (A.02)	1 109	1 109
Legumes, nuts and oilseeds (A.04)	686	686
Fruit and fruit products (A.05)	795	795
Meat and meat products (including edible offal) (A.06)	382	382
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	16	16
Sugar and confectionary (A.10)	68	68
Animal and vegetable fats and oils (A.11)	28	28
Fruit and vegetable juices (A.12)	480	480
Non-alcoholic beverages (excepting milk based beverages) (A.13)	64	64
Alcoholic beverages (A.14)	1 124	1 124
Herbs, spices and condiments (A.16)	881	880
Food for infants and small children (A.17)	181	181
Products for special nutritional use (A.18)	19	19
Composite food (including frozen products) (A.19)	4	4
Snacks, desserts and other foods (A.20)	31	31
Cereal grains, their products and by-products (G.01)	425	425
Oil seeds, oil fruits and products derived thereof (G.02)	52	52
Legume seeds and products derived thereof (G.03)	1	1
Forages and roughage and products derived thereof (G.06)	79	79
Land animal products and products derived thereof (G.09)	1	1
Miscellaneous (G.13)	2	2
COMPOUND FEED (G.14)	372	372
Total	*9 870*	*9 868*

Enniatins (No.74 - Level 3 in Table 1)

Table 105: Frequency of reporting on 'Enniatins' (No.74 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	40	10
Denmark	272	68
Germany	48	12
Spain	184	46
Total	*544*	*136*

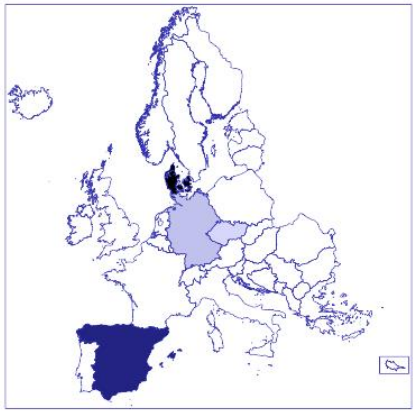

Figure 101: Number of results on 'Enniatins' (No.74 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 102: Number of results on 'Enniatins' (No.74 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 106: Frequency of reporting on 'Enniatins' (No.74 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Vegetables and vegetable products (including fungi) (A.02)	104	26
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	80	20
Animal and vegetable fats and oils (A.11)	48	12
Cereal grains, their products and by-products (G.01)	284	71
Legume seeds and products derived thereof (G.03)	4	1
Forages and roughage and products derived thereof (G.06)	16	4
COMPOUND FEED (G.14)	8	2
Total	*544*	*136*

Beauvericin (No.75 - Level 3 in Table 1)

Table 107: Frequency of reporting on 'Beauvericin' (No.75 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	10	10
Denmark	68	68
Germany	12	12
Spain	46	46
Total	*136*	*136*

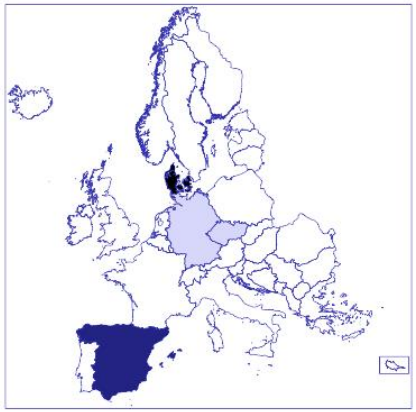

Figure 103: Number of results on 'Beauvericin' (No.75 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 104: Number of results on 'Beauvericin' (No.75 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 108: Frequency of reporting on 'Beauvericin' (No.75 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Vegetables and vegetable products (including fungi) (A.02)	26	26
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	20	20
Animal and vegetable fats and oils (A.11)	12	12
Cereal grains, their products and by-products (G.01)	71	71
Legume seeds and products derived thereof (G.03)	1	1
Forages and roughage and products derived thereof (G.06)	4	4
COMPOUND FEED (G.14)	2	2
Total	*136*	*136*

Citrinin (No.76 - Level 3 in Table 1)

Table 109: Frequency of reporting on 'Citrinin' (No.76 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	12	12
United Kingdom	143	143
Total	*155*	*155*

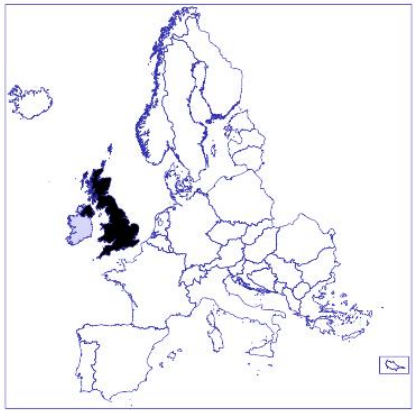

Figure 105: Number of results on 'Citrinin' (No.76 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

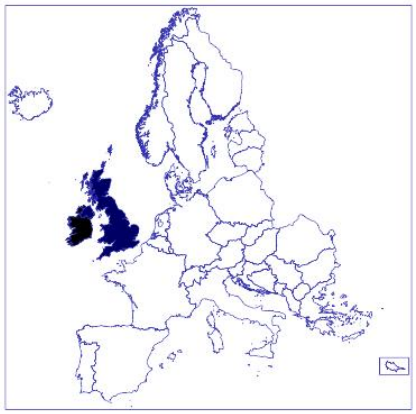

Figure 106: Number of results on 'Citrinin' (No.76 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 110: Frequency of reporting on 'Citrinin' (No.76 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	66	66
Legumes, nuts and oilseeds (A.04)	11	11
Fruit and fruit products (A.05)	28	28
Milk and dairy products (A.08)	4	4
Fruit and vegetable juices (A.12)	32	32
Herbs, spices and condiments (A.16)	12	12
Oil seeds, oil fruits and products derived thereof (G.02)	2	2
Total	*155*	*155*

Alternaria toxins (No.77 - Level 3 in Table 1)

Table 111: Frequency of reporting on 'Alternaria toxins' (No.77 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	158	79
United Kingdom	748	125
Total	*906*	*204*

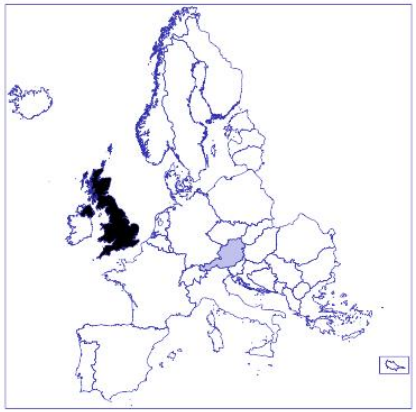

Figure 107: Number of results on 'Alternaria toxins' (No.77 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

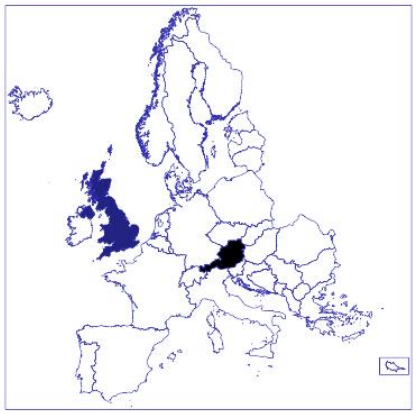

Figure 108: Number of results on 'Alternaria toxins' (No.77 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 112: Frequency of reporting on 'Alternaria toxins' (No.77 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	474	132
Vegetables and vegetable products (including fungi) (A.02)	66	11
Legumes, nuts and oilseeds (A.04)	42	7
Fruit and fruit products (A.05)	54	9
Milk and dairy products (A.08)	6	1
Animal and vegetable fats and oils (A.11)	60	10
Fruit and vegetable juices (A.12)	90	15
Alcoholic beverages (A.14)	114	19
Total	*906*	*204*

Sterigmatocystins (No.80 - Level 3 in Table 1)

Table 113: Frequency of reporting on 'Sterigmatocystins' (No.80 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Netherlands	178	178
United Kingdom	101	101
Total	*279*	*279*

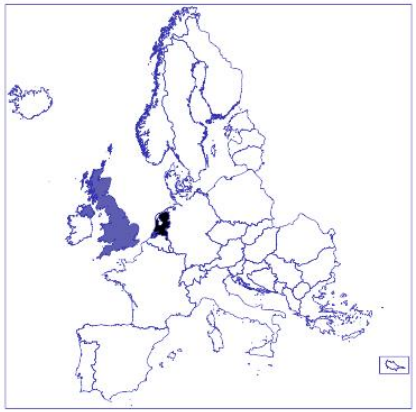

Figure 109: Number of results on 'Sterigmatocystins' (No.80 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

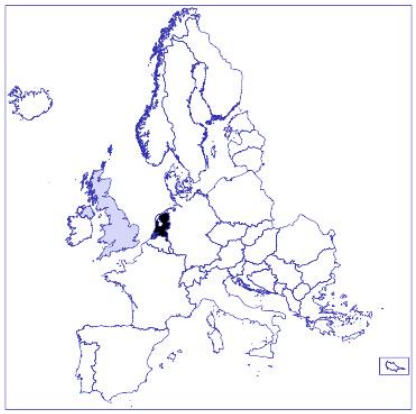

Figure 110: Number of results on 'Sterigmatocystins' (No.80 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 114: Frequency of reporting on 'Sterigmatocystins' (No.80 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	248	248
Legumes, nuts and oilseeds (A.04)	6	6
Milk and dairy products (A.08)	1	1
Fruit and vegetable juices (A.12)	1	1
Herbs, spices and condiments (A.16)	12	12
Food for infants and small children (A.17)	9	9
Oil seeds, oil fruits and products derived thereof (G.02)	2	2
Total	*279*	*279*

Fusarenon X (No.81 - Level 3 in Table 1)

Table 115: Frequency of reporting on 'Fusarenon X' (No.81 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	419	419
Finland	7	7
United Kingdom	346	346
Total	*772*	*772*

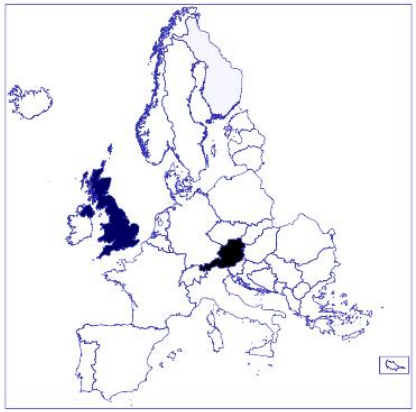

Figure 111: Number of results on 'Fusarenon X' (No.81 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 112: Number of results on 'Fusarenon X' (No.81 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 116: Frequency of reporting on 'Fusarenon X' (No.81 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	593	593
Alcoholic beverages (A.14)	150	150
Food for infants and small children (A.17)	2	2
Cereal grains, their products and by-products (G.01)	27	27
Total	*772*	*772*

Fusarium toxins (No.82 - Level 3 in Table 1)

Table 117: Frequency of reporting on 'Fusarium toxins' (No.82 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	3 171	541
Belgium	516	129
Bulgaria	3 232	271
Croatia	458	236
Cyprus	150	25
Czech Republic	1 586	432
Denmark	417	139
Estonia	109	41
Finland	259	107
France	1 598	271
Germany	11 321	4 702
Hungary	2 072	1 328
Ireland	465	51
Italy	21	21
Lithuania	162	116
Luxembourg	145	76
Malta	63	44
Netherlands	6 879	2 114
Portugal	38	29
Romania	3 161	2 051
Slovakia	517	398
Slovenia	765	197
Spain	294	154
Sweden	124	41
United Kingdom	3 763	669
Total	*41 286*	*14 183*

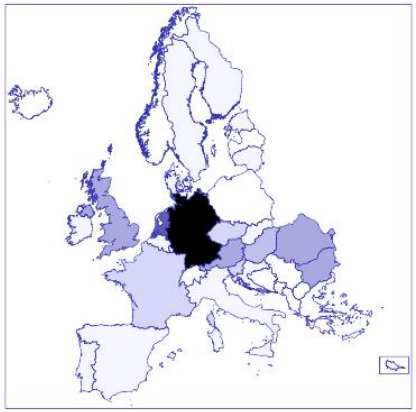

Figure 113: Number of results on 'Fusarium toxins' (No.82 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

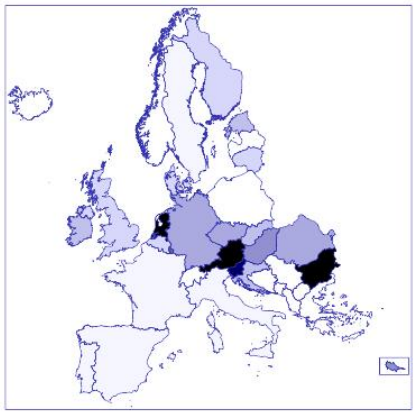

Figure 114: Number of results on 'Fusarium toxins' (No.82 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 118: Frequency of reporting on 'Fusarium toxins' (No.82 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	24 069	9 334
Vegetables and vegetable products (including fungi) (A.02)	554	258
Legumes, nuts and oilseeds (A.04)	1 927	629
Fruit and fruit products (A.05)	1 016	342
Meat and meat products (including edible offal) (A.06)	301	159
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1	1
Milk and dairy products (A.08)	29	11
Sugar and confectionary (A.10)	79	29
Animal and vegetable fats and oils (A.11)	368	231
Fruit and vegetable juices (A.12)	69	23
Alcoholic beverages (A.14)	1 775	374
Herbs, spices and condiments (A.16)	68	24
Food for infants and small children (A.17)	681	239
Products for special nutritional use (A.18)	17	5
Composite food (including frozen products) (A.19)	6	4
Snacks, desserts and other foods (A.20)	243	117
Other foods (foods which cannot be included in any other group) (A.20.03)	45	15
Cereal grains, their products and by-products (G.01)	4 040	794
Oil seeds, oil fruits and products derived thereof (G.02)	914	155
Legume seeds and products derived thereof (G.03)	11	2
Tubers, roots and products derived thereof (G.04)	4	1
Forages and roughage and products derived thereof (G.06)	1 347	225
Land animal products and products derived thereof (G.09)	10	2
Miscellaneous (G.13)	17	4
COMPOUND FEED (G.14)	3 695	1 205
Total	*41 286*	*14 183*

Zearalenone and derivatives (No.83 - Level 4 in Table 1)

Table 119: Frequency of reporting on 'Zearalenone and derivatives' (No.83 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	379	379
Bulgaria	809	271
Croatia	208	208
Cyprus	25	25
Czech Republic	450	308
Estonia	28	28
Finland	25	25
France	216	216
Germany	1 390	1 390
Hungary	291	291
Ireland	51	51
Lithuania	54	54
Luxembourg	51	51
Malta	20	20
Portugal	28	28
Romania	1 333	1 333
Slovakia	113	113
Slovenia	189	188
Spain	113	113
Sweden	41	41
United Kingdom	495	495
Total	*6 309*	*5 628*

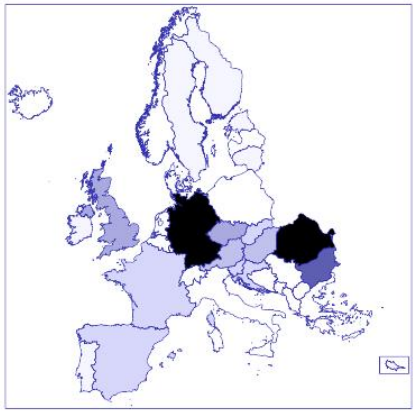

Figure 115: Number of results on 'Zearalenone and derivatives' (No.83 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

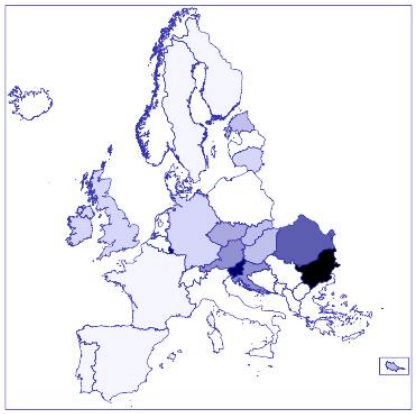

Figure 116: Number of results on 'Zearalenone and derivatives' (No.83 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 120: Frequency of reporting on 'Zearalenone and derivatives' (No.83 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	3 925	3 924
Vegetables and vegetable products (including fungi) (A.02)	77	77
Legumes, nuts and oilseeds (A.04)	34	34
Fruit and fruit products (A.05)	8	8
Meat and meat products (including edible offal) (A.06)	301	159
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1	1
Milk and dairy products (A.08)	2	2
Sugar and confectionary (A.10)	18	18
Animal and vegetable fats and oils (A.11)	179	179
Alcoholic beverages (A.14)	1	1
Herbs, spices and condiments (A.16)	5	5
Food for infants and small children (A.17)	119	119
Products for special nutritional use (A.18)	1	1
Snacks, desserts and other foods (A.20)	47	47
Cereal grains, their products and by-products (G.01)	705	489
Oil seeds, oil fruits and products derived thereof (G.02)	131	55
Legume seeds and products derived thereof (G.03)	1	1
Forages and roughage and products derived thereof (G.06)	164	82
Land animal products and products derived thereof (G.09)	1	1
Miscellaneous (G.13)	4	2
COMPOUND FEED (G.14)	585	423
Total	*6 309*	*5 628*

Deoxynivalenol and derivatives (No.84 - Level 4 in Table 1)

Table 121: Frequency of reporting on 'Deoxynivalenol and derivatives' (No.84 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	1 257	419
Belgium	516	129
Bulgaria	540	271
Croatia	147	147
Cyprus	25	25
Czech Republic	286	286
Denmark	139	139
Estonia	23	23
Finland	93	86
France	431	226
Germany	4 486	2 222
Hungary	1 054	1 054
Ireland	51	51
Lithuania	28	28
Luxembourg	52	52
Malta	43	43
Netherlands	6 879	2 114
Portugal	10	10
Romania	1 121	1 121
Slovakia	240	240
Slovenia	187	187
Spain	59	59
Sweden	41	41
United Kingdom	986	492
Total	*18 694*	*9 465*

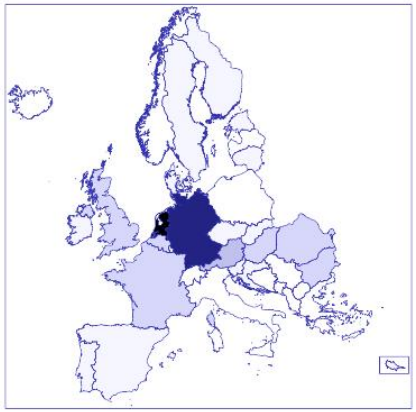

Figure 117: Number of results on 'Deoxynivalenol and derivatives' (No.84 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

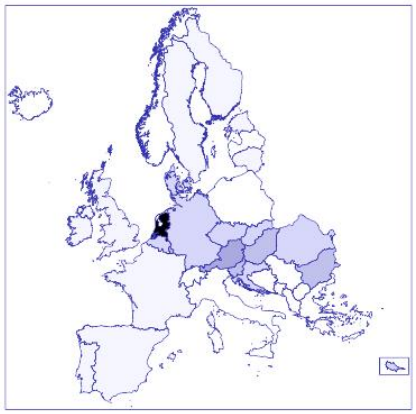

Figure 118: Number of results on 'Deoxynivalenol and derivatives' (No.84 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 122: Frequency of reporting on 'Deoxynivalenol and derivatives' (No.84 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	10 160	5 828
Vegetables and vegetable products (including fungi) (A.02)	250	96
Legumes, nuts and oilseeds (A.04)	1 675	561
Fruit and fruit products (A.05)	916	308
Sugar and confectionary (A.10)	39	27
Animal and vegetable fats and oils (A.11)	121	41
Fruit and vegetable juices (A.12)	69	23
Alcoholic beverages (A.14)	863	319
Herbs, spices and condiments (A.16)	56	22
Food for infants and small children (A.17)	196	152
Products for special nutritional use (A.18)	4	2
Composite food (including frozen products) (A.19)	6	4
Snacks, desserts and other foods (A.20)	47	31
Other foods (foods which cannot be included in any other group) (A.20.03)	45	15
Cereal grains, their products and by-products (G.01)	1 312	647
Oil seeds, oil fruits and products derived thereof (G.02)	446	147
Legume seeds and products derived thereof (G.03)	5	2
Tubers, roots and products derived thereof (G.04)	4	1
Forages and roughage and products derived thereof (G.06)	696	222
Land animal products and products derived thereof (G.09)	2	2
Miscellaneous (G.13)	5	4
COMPOUND FEED (G.14)	1 777	1 011
Total	*18 694*	*9 465*

T-2/HT-2 toxins (No.85 - Level 4 in Table 1)

Table 123: Frequency of reporting on 'T-2/HT-2 toxins' (No.85 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	602	301
Bulgaria	807	269
Croatia	55	55
Cyprus	50	25
Czech Republic	388	172
Denmark	278	139
Estonia	40	20
Finland	37	30
France	440	174
Germany	3 413	1 315
Hungary	544	311
Ireland	144	48
Italy	21	21
Lithuania	16	16
Romania	360	360
Slovakia	36	18
Slovenia	143	65
Spain	32	16
Sweden	42	21
United Kingdom	1 201	608
Total	*8 649*	*3 984*

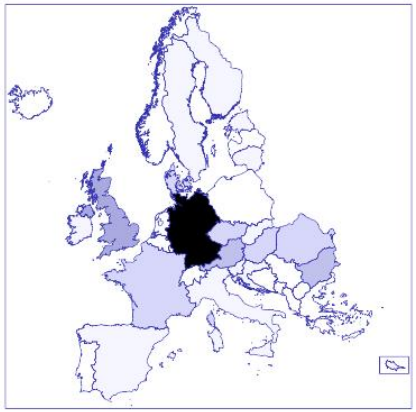

Figure 119: Number of results on 'T-2/HT-2 toxins' (No.85 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

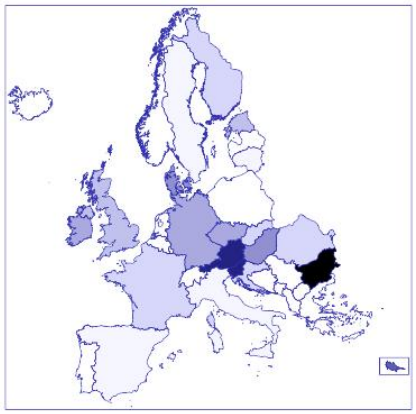

Figure 120: Number of results on 'T-2/HT-2 toxins' (No.85 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 124: Frequency of reporting on 'T-2/HT-2 toxins' (No.85 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	5 867	2 759
Vegetables and vegetable products (including fungi) (A.02)	49	17
Legumes, nuts and oilseeds (A.04)	97	33
Fruit and fruit products (A.05)	20	8
Sugar and confectionary (A.10)	19	19
Animal and vegetable fats and oils (A.11)	38	13
Alcoholic beverages (A.14)	440	197
Herbs, spices and condiments (A.16)	4	2
Food for infants and small children (A.17)	157	56
Products for special nutritional use (A.18)	6	2
Snacks, desserts and other foods (A.20)	19	7
Cereal grains, their products and by-products (G.01)	956	447
Oil seeds, oil fruits and products derived thereof (G.02)	145	57
Legume seeds and products derived thereof (G.03)	2	1
Forages and roughage and products derived thereof (G.06)	208	82
Land animal products and products derived thereof (G.09)	4	2
Miscellaneous (G.13)	4	2
COMPOUND FEED (G.14)	614	280
Total	*8 649*	*3 984*

Fumonisins (No.87 - Level 4 in Table 1)

Table 125: Frequency of reporting on 'Fumonisins' (No.87 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	514	257
Bulgaria	807	269
Croatia	48	48
Cyprus	50	25
Czech Republic	387	173
Estonia	18	9
Finland	90	30
France	429	143
Germany	985	495
Hungary	183	96
Ireland	144	48
Lithuania	64	22
Luxembourg	42	14
Romania	347	347
Slovakia	111	57
Slovenia	195	80
Spain	90	58
United Kingdom	389	164
Total	*4 893*	*2 335*

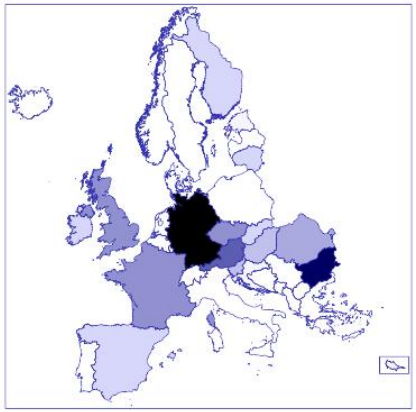

Figure 121: Number of results on 'Fumonisins' (No.87 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

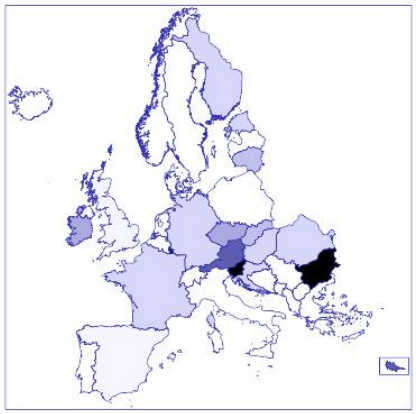

Figure 122: Number of results on 'Fumonisins' (No.87 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 126: Frequency of reporting on 'Fumonisins' (No.87 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	2 177	1 156
Vegetables and vegetable products (including fungi) (A.02)	163	112
Legumes, nuts and oilseeds (A.04)	90	37
Fruit and fruit products (A.05)	68	34
Milk and dairy products (A.08)	27	9
Sugar and confectionary (A.10)	3	1
Animal and vegetable fats and oils (A.11)	6	3
Alcoholic beverages (A.14)	321	157
Herbs, spices and condiments (A.16)	2	1
Food for infants and small children (A.17)	169	69
Products for special nutritional use (A.18)	5	2
Snacks, desserts and other foods (A.20)	119	58
Cereal grains, their products and by-products (G.01)	799	351
Oil seeds, oil fruits and products derived thereof (G.02)	152	59
Legume seeds and products derived thereof (G.03)	2	1
Forages and roughage and products derived thereof (G.06)	207	78
Land animal products and products derived thereof (G.09)	2	1
Miscellaneous (G.13)	3	1
COMPOUND FEED (G.14)	578	205
Total	*4 893*	*2 335*

Nivalenol (No.88 - Level 4 in Table 1)

Table 127: Frequency of reporting on 'Nivalenol' (No.88 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	419	419
Bulgaria	269	269
Czech Republic	75	75
Finland	7	7
France	82	82
Germany	426	426
Ireland	42	42
Slovakia	17	17
United Kingdom	346	346
Total	*1 683*	*1 683*

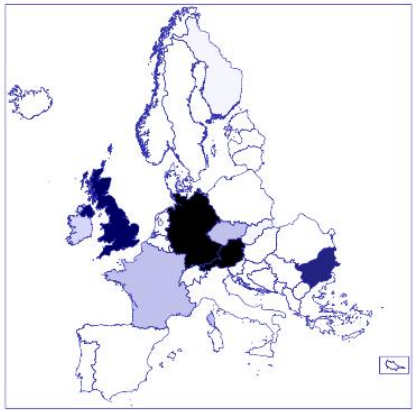

Figure 123: Number of results on 'Nivalenol' (No.88 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

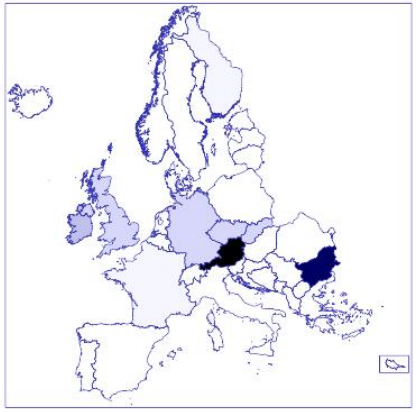

Figure 124: Number of results on 'Nivalenol' (No.88 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 128: Frequency of reporting on 'Nivalenol' (No.88 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 030	1 030
Vegetables and vegetable products (including fungi) (A.02)	1	1
Legumes, nuts and oilseeds (A.04)	11	11
Animal and vegetable fats and oils (A.11)	12	12
Alcoholic beverages (A.14)	150	150
Food for infants and small children (A.17)	21	21
Snacks, desserts and other foods (A.20)	5	5
Cereal grains, their products and by-products (G.01)	210	210
Oil seeds, oil fruits and products derived thereof (G.02)	38	38
Legume seeds and products derived thereof (G.03)	1	1
Forages and roughage and products derived thereof (G.06)	68	68
Land animal products and products derived thereof (G.09)	1	1
Miscellaneous (G.13)	1	1
COMPOUND FEED (G.14)	134	134
Total	*1 683*	*1 683*

Diacetoxyscirpenol (No.89 - Level 4 in Table 1)

Table 129: Frequency of reporting on 'Diacetoxyscirpenol' (No.89 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Finland	7	7
Germany	621	621
Ireland	33	33
Slovenia	51	51
United Kingdom	346	346
Total	*1 058*	*1 058*

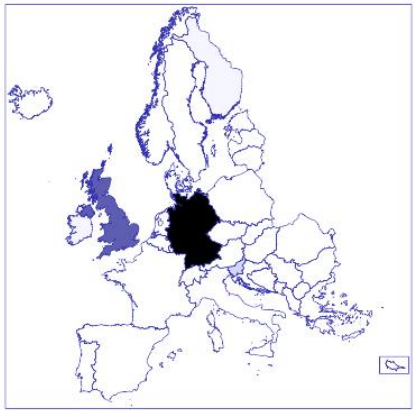

Figure 125: Number of results on 'Diacetoxyscirpenol' (No.89 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

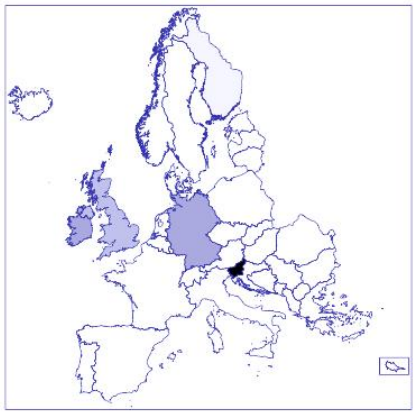

Figure 126: Number of results on 'Diacetoxyscirpenol' (No.89 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 130: Frequency of reporting on 'Diacetoxyscirpenol' (No.89 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	910	910
Vegetables and vegetable products (including fungi) (A.02)	14	14
Legumes, nuts and oilseeds (A.04)	20	20
Fruit and fruit products (A.05)	4	4
Animal and vegetable fats and oils (A.11)	12	12
Herbs, spices and condiments (A.16)	1	1
Food for infants and small children (A.17)	19	19
Products for special nutritional use (A.18)	1	1
Snacks, desserts and other foods (A.20)	6	6
Cereal grains, their products and by-products (G.01)	58	58
Oil seeds, oil fruits and products derived thereof (G.02)	2	2
Forages and roughage and products derived thereof (G.06)	4	4
COMPOUND FEED (G.14)	7	7
Total	*1 058*	*1 058*

Patulin (No.90 - Level 3 in Table 1)

Table 131: Frequency of reporting on 'Patulin' (No.90 - Level 3 in Table 1) per Total country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	90	90
Bulgaria	18	18
Croatia	3	3
Cyprus	16	16
Czech Republic	30	30
Estonia	8	8
Finland	50	50
France	92	92
Germany	385	385
Hungary	90	90
Ireland	27	27
Luxembourg	19	19
Portugal	1	1
Romania	240	240
Slovakia	147	147
Slovenia	26	26
Spain	70	70
Total	*1 312*	*1 312*

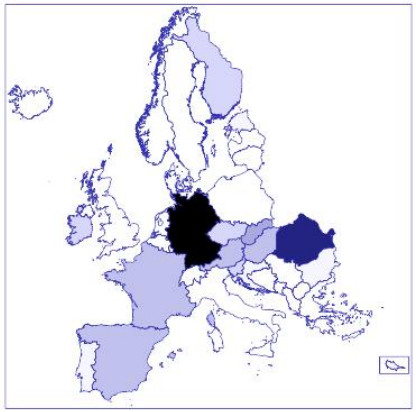

Figure 127: Number of results on 'Patulin' (No.90 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

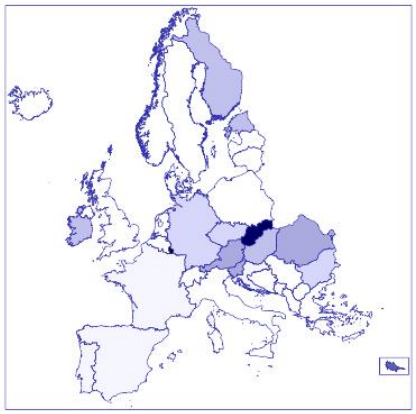

Figure 128: Number of results on 'Patulin' (No.90 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 132: Frequency of reporting on 'Patulin' (No.90 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1	1
Vegetables and vegetable products (including fungi) (A.02)	1	1
Fruit and fruit products (A.05)	168	168
Sugar and confectionary (A.10)	1	1
Fruit and vegetable juices (A.12)	771	771
Non-alcoholic beverages (excepting milk based beverages) (A.13)	17	17
Alcoholic beverages (A.14)	55	55
Herbs, spices and condiments (A.16)	4	4
Food for infants and small children (A.17)	291	291
Products for special nutritional use (A.18)	2	2
Composite food (including frozen products) (A.19)	1	1
Total	*1 312*	*1 312*

Aflatoxins (No.91 - Level 3 in Table 1)

Table 133: Frequency of reporting on 'Aflatoxins' (No.91 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	1 948	538
Bulgaria	3 644	776
Croatia	3 528	3 336
Cyprus	785	237
Czech Republic	1 670	542
Estonia	101	68
Finland	2 515	511
France	8 276	1 993
Germany	14 993	3 521
Hungary	1 560	1 523
Ireland	473	130
Lithuania	468	311
Luxembourg	423	95
Malta	183	183
Portugal	1 061	364
Romania	1 269	652
Slovakia	1 335	694
Slovenia	2 014	414
Spain	1 563	655
Sweden	80	20
United Kingdom	292	73
Total	*48 181*	*16 636*

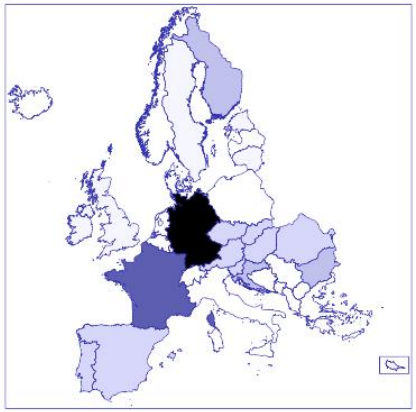

Figure 129: Number of results on 'Aflatoxins' (No.91 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

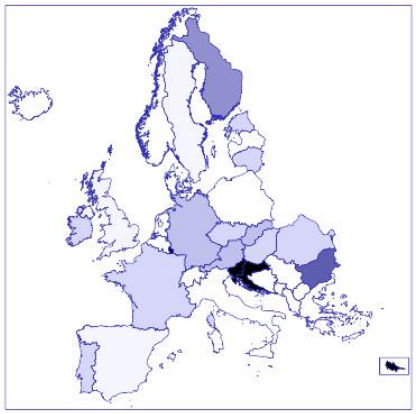

Figure 130: Number of results on 'Aflatoxins' (No.91 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 134: Frequency of reporting on 'Aflatoxins' (No.91 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	6 844	2 301
Vegetables and vegetable products (including fungi) (A.02)	368	90
Starchy roots and tubers (A.03)	4	1
Legumes, nuts and oilseeds (A.04)	15 768	3 616
Fruit and fruit products (A.05)	8 598	1 863
Meat and meat products (including edible offal) (A.06)	330	149
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	70	46
Milk and dairy products (A.08)	3 190	3 190
Sugar and confectionary (A.10)	583	153
Animal and vegetable fats and oils (A.11)	610	155
Fruit and vegetable juices (A.12)	25	17
Non-alcoholic beverages (excepting milk based beverages) (A.13)	20	11
Alcoholic beverages (A.14)	19	19
Herbs, spices and condiments (A.16)	3 342	848
Food for infants and small children (A.17)	526	323
Products for special nutritional use (A.18)	51	11
Composite food (including frozen products) (A.19)	37	9
Snacks, desserts and other foods (A.20)	801	181
Feed terms (Commission Regulation (EU) No 575/2011) (G.00.0)	4	1
Cereal grains, their products and by-products (G.01)	3 730	1 897
Oil seeds, oil fruits and products derived thereof (G.02)	379	184
Legume seeds and products derived thereof (G.03)	26	7
Tubers, roots and products derived thereof (G.04)	4	4
Other seeds and fruits and products derived thereof (G.05)	113	24
Forages and roughage and products derived thereof (G.06)	410	138
Other plants, algae and products derived thereof (G.07)	5	1
Milk products and products derived thereof (G.08)	4	4
Land animal products and products derived thereof (G.09)	1	1
Minerals and products derived thereof (G.11)	1	1
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	10	3
COMPOUND FEED (G.14)	2 305	1 385
Total	*48 181*	*16 636*

Ergot alkaloids (No.92 - Level 3 in Table 1)

Table 135: Frequency of reporting on 'Ergot alkaloids' (No.92 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	1 176	98
Czech Republic	336	31
Estonia	6	6
Finland	260	26
Germany	7 182	629
Ireland	338	26
United Kingdom	1 594	265
Total	*10 892*	*1 081*

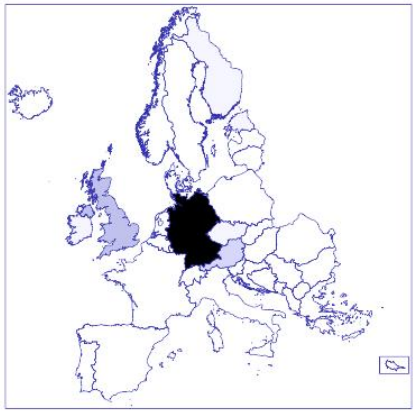

Figure 131: Number of results on 'Ergot alkaloids' (No.92 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

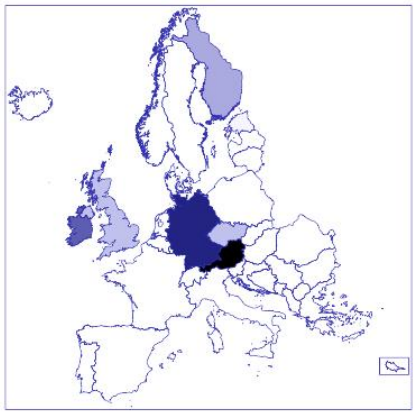

Figure 132: Number of results on 'Ergot alkaloids' (No.92 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 136: Frequency of reporting on 'Ergot alkaloids' (No.92 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	10 662	1 054
Starchy roots and tubers (A.03)	12	1
Milk and dairy products (A.08)	12	1
Alcoholic beverages (A.14)	12	1
Food for infants and small children (A.17)	132	11
Cereal grains, their products and by-products (G.01)	46	11
Forages and roughage and products derived thereof (G.06)	8	1
COMPOUND FEED (G.14)	8	1
Total	*10 892*	*1 081*

Phytotoxins (No.93 - Level 2 in Table 1)

Table 137: Frequency of reporting on 'Phytotoxins' (No.93 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	8	2
Croatia	10	10
Czech Republic	17	17
France	1 823	177
Germany	6 404	476
Ireland	47	47
Luxembourg	20	20
Slovenia	32	16
Total	*8 361*	*765*

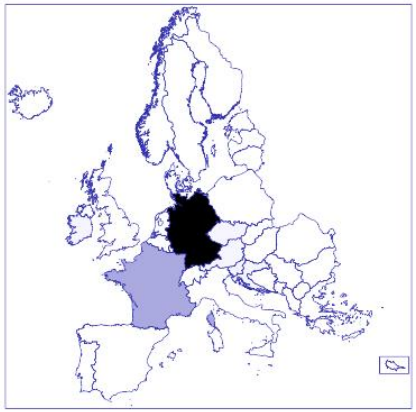

Figure 133: Number of results on 'Phytotoxins' (No.93 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

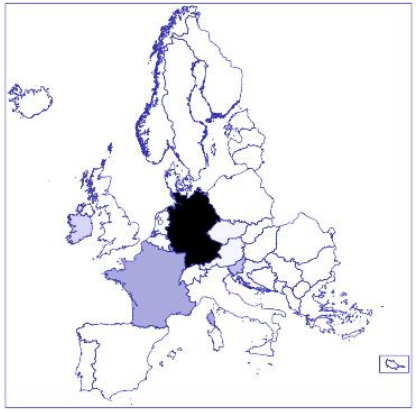

Figure 134: Number of results on 'Phytotoxins' (No.93 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 138: Frequency of reporting on 'Phytotoxins' (No.93 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	122	78
Vegetables and vegetable products (including fungi) (A.02)	3 748	242
Legumes, nuts and oilseeds (A.04)	171	64
Sugar and confectionary (A.10)	3 580	295
Animal and vegetable fats and oils (A.11)	2	2
Non-alcoholic beverages (excepting milk based beverages) (A.13)	25	5
Alcoholic beverages (A.14)	1	1
Herbs, spices and condiments (A.16)	13	3
Food for infants and small children (A.17)	68	4
Products for special nutritional use (A.18)	589	31
Snacks, desserts and other foods (A.20)	3	1
Oil seeds, oil fruits and products derived thereof (G.02)	10	10
Miscellaneous (G.13)	1	1
COMPOUND FEED (G.14)	28	28
Total	*8 361*	*765*

Tetrahydrocannabinol (THC) and related substances (No.94 - Level 3 in Table 1)

Table 139: Frequency of reporting on 'Tetrahydrocannabinol (THC) and related substances' (No.94 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Croatia	10	10
Germany	7	7
Total	*17*	*17*

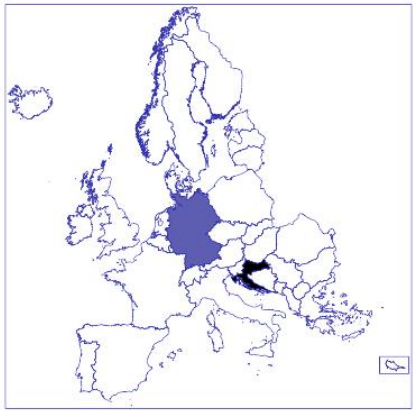

Figure 135: Number of results on 'Tetrahydrocannabinol (THC) and related substances' (No.94 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

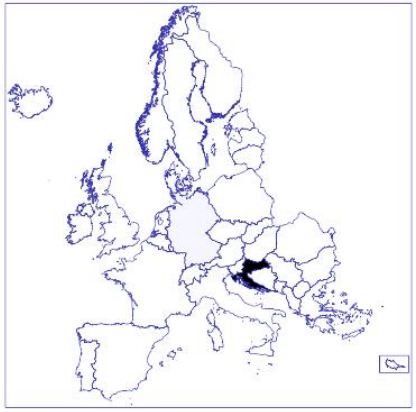

Figure 136: Number of results on 'Tetrahydrocannabinol (THC) and related substances' (No.94 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 140: Frequency of reporting on 'Tetrahydrocannabinol (THC) and related substances' (No.94 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Legumes, nuts and oilseeds (A.04)	11	11
Animal and vegetable fats and oils (A.11)	2	2
Non-alcoholic beverages (excepting milk based beverages) (A.13)	3	3
Alcoholic beverages (A.14)	1	1
Total	*17*	*17*

Delta-9-tetrahydrocannabinol (No.95 - Level 4 in Table 1)

Table 141: Frequency of reporting on 'Delta-9-tetrahydrocannabinol' (No.95 - Level 4 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Croatia	10	10
Total	*10*	*10*

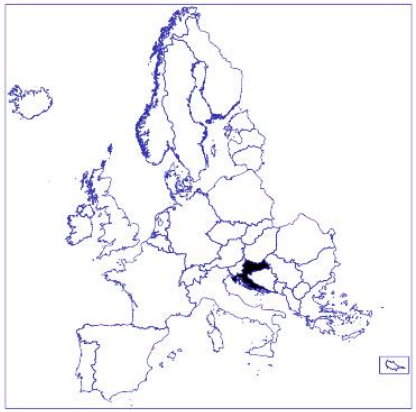

Figure 137: Number of results on 'Delta-9-tetrahydrocannabinol' (No.95 - Level 4 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

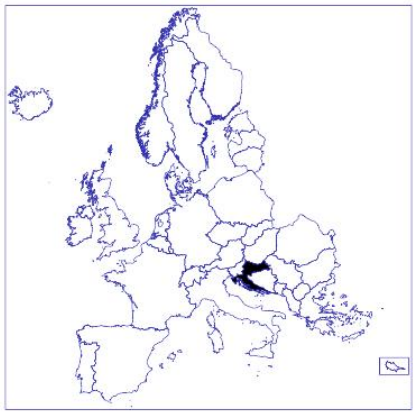

Figure 138: Number of results on 'Delta-9-tetrahydrocannabinol' (No.95 - Level 4 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 142: Frequency of reporting on 'Delta-9-tetrahydrocannabinol' (No.95 - Level 4 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Legumes, nuts and oilseeds (A.04)	10	10
Total	*10*	*10*

Miscellaneous phytotoxins (No.96 - Level 3 in Table 1)

Table 143: Frequency of reporting on 'Miscellaneous phytotoxins' (No.96 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	17	17
France	22	22
Ireland	29	29
Luxembourg	20	20
Total	*88*	*88*

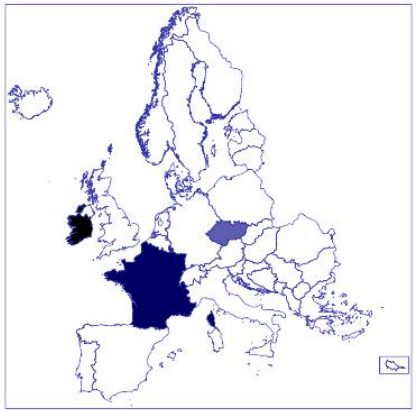

Figure 139: Number of results on 'Miscellaneous phytotoxins' (No.96 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

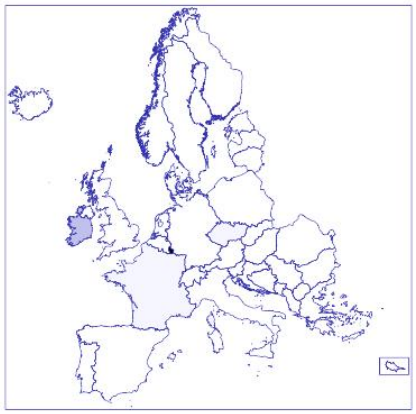

Figure 140: Number of results on 'Miscellaneous phytotoxins' (No.96 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 144: Frequency of reporting on 'Miscellaneous phytotoxins' (No.96 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	44	44
Sugar and confectionary (A.10)	3	3
Herbs, spices and condiments (A.16)	2	2
Oil seeds, oil fruits and products derived thereof (G.02)	10	10
Miscellaneous (G.13)	1	1
COMPOUND FEED (G.14)	28	28
Total	*88*	*88*

Opium alkaloids (No.98 - Level 3 in Table 1)

Table 145: Frequency of reporting on 'Opium alkaloids' (No.98 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	8	2
France	189	63
Total	*197*	*65*

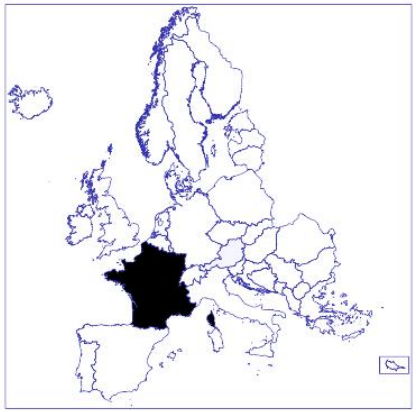

Figure 141: Number of results on 'Opium alkaloids' (No.98 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

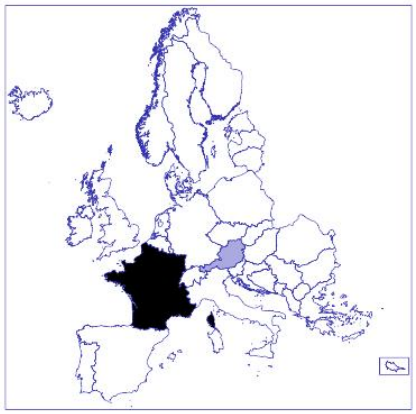

Figure 142: Number of results on 'Opium alkaloids' (No.98 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 146: Frequency of reporting on 'Opium alkaloids' (No.98 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	30	10
Legumes, nuts and oilseeds (A.04)	160	53
Sugar and confectionary (A.10)	4	1
Snacks, desserts and other foods (A.20)	3	1
Total	*197*	*65*

Tropane alkaloids (No.99 - Level 3 in Table 1)

Table 147: Frequency of reporting on 'Tropane alkaloids' (No.99 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	16	8
Slovenia	32	16
Total	*48*	*24*

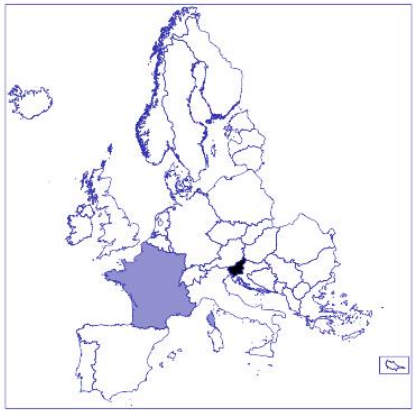

Figure 143: Number of results on 'Tropane alkaloids' (No.99 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

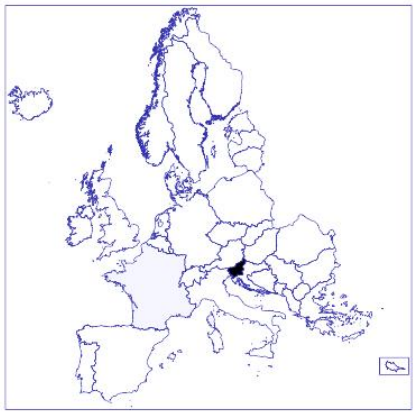

Figure 144: Number of results on 'Tropane alkaloids' (No.99 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 148: Frequency of reporting on 'Tropane alkaloids' (No.99 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	48	24
Total	*48*	*24*

Pyrrolizidine alkaloids (No.100 - Level 3 in Table 1)

Table 149: Frequency of reporting on 'Pyrrolizidine alkaloids' (No.100 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	1 596	84
Germany	6 397	469
Ireland	18	18
Total	*8 011*	*571*

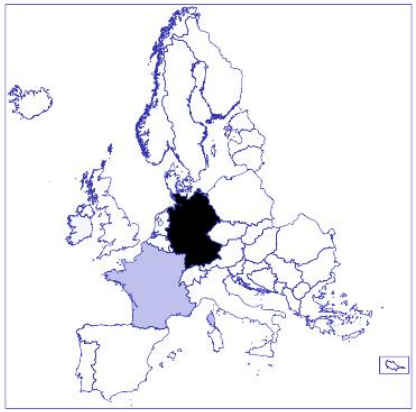

Figure 145: Number of results on 'Pyrrolizidine alkaloids' (No.100 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

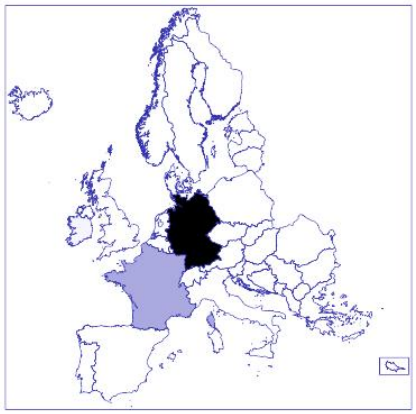

Figure 146: Number of results on 'Pyrrolizidine alkaloids' (No.100 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 150: Frequency of reporting on 'Pyrrolizidine alkaloids' (No.100 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Vegetables and vegetable products (including fungi) (A.02)	3 748	242
Sugar and confectionary (A.10)	3 573	291
Non-alcoholic beverages (excepting milk based beverages) (A.13)	22	2
Herbs, spices and condiments (A.16)	11	1
Food for infants and small children (A.17)	68	4
Products for special nutritional use (A.18)	589	31
Total	*8 011*	*571*

Chemical elements (including derivatives) and others (No.101 - Level 1 in Table 1)

Table 151: Frequency of reporting on 'Chemical elements (including derivatives) and others' (No.101 - Level 1 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	3 517	1 414
Belgium	66	66
Bulgaria	70	67
Croatia	5 280	2 340
Cyprus	504	229
Czech Republic	8 196	5 566
Denmark	1 288	519
Estonia	104	41
European Union	877	877
Finland	625	370
France	8 488	3 882
Germany	32 881	14 441
Hungary	3 842	1 924
Ireland	6 057	1 416
Italy	1 594	578
Lithuania	1 364	656
Luxembourg	414	280
Malta	319	307
Netherlands	1 199	1 199
Norway	1 888	394
Portugal	1 205	410
Romania	2 699	1 822
Slovakia	5 688	2 354
Slovenia	2 424	1 841
Spain	4 050	2 385
Sweden	90	60
United Kingdom	60	60
Total	*94 789*	*45 498*

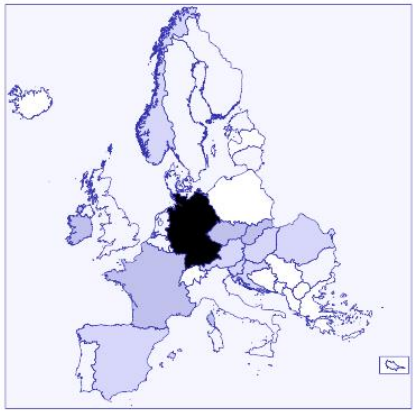

Figure 147: Number of results on 'Chemical elements (including derivatives) and others' (No.101 - Level 1 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

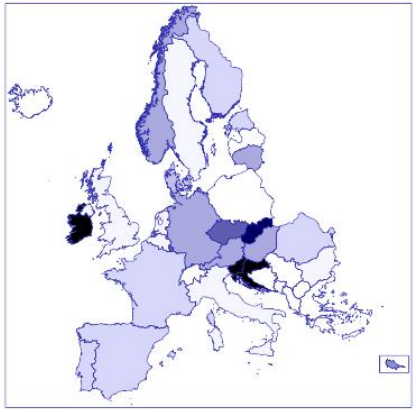

Figure 148: Number of results on 'Chemical elements (including derivatives) and others' (No.101 - Level 1 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 152: Frequency of reporting on 'Chemical elements (including derivatives) and others' (No.101 - Level 1 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	7 076	3 201
Vegetables and vegetable products (including fungi) (A.02)	15 644	11 027
Starchy roots and tubers (A.03)	1 657	1 052
Legumes, nuts and oilseeds (A.04)	2 836	1 447
Fruit and fruit products (A.05)	6 179	3 817
Meat and meat products (including edible offal) (A.06)	23 822	9 747
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	11 097	3 756
Milk and dairy products (A.08)	3 138	1 408
Eggs and egg products (A.09)	215	114
Sugar and confectionary (A.10)	1 427	609
Animal and vegetable fats and oils (A.11)	847	704
Fruit and vegetable juices (A.12)	1 661	704
Non-alcoholic beverages (excepting milk based beverages) (A.13)	527	276
Alcoholic beverages (A.14)	1 052	755
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	5 036	1 508
Herbs, spices and condiments (A.16)	1 645	679
Food for infants and small children (A.17)	2 447	1 262
Products for special nutritional use (A.18)	2 222	658
Composite food (including frozen products) (A.19)	632	348
Snacks, desserts and other foods (A.20)	1 130	717
Other foods (foods which cannot be included in any other group) (A.20.03)	11	6
Cereal grains, their products and by-products (G.01)	411	120
Oil seeds, oil fruits and products derived thereof (G.02)	122	42
Legume seeds and products derived thereof (G.03)	10	4
Tubers, roots and products derived thereof (G.04)	34	12
Other seeds and fruits and products derived thereof (G.05)	2	2
Forages and roughage and products derived thereof (G.06)	116	39
Other plants, algae and products derived thereof (G.07)	15	5
Milk products and products derived thereof (G.08)	6	4
Land animal products and products derived thereof (G.09)	20	8
Fish, other aquatic animals and products derived thereof (G.10)	137	74
Minerals and products derived thereof (G.11)	415	120
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	13	4
Miscellaneous (G.13)	66	23
COMPOUND FEED (G.14)	3 121	1 246
Total	*94 789*	*45 498*

Aluminum and derivatives (No.102 - Level 2 in Table 1)

Table 153: Frequency of reporting on 'Aluminum and derivatives' (No.102 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Croatia	3	3
Czech Republic	110	110
Denmark	22	22
Ireland	327	327
Malta	6	6
Total	*468*	*468*

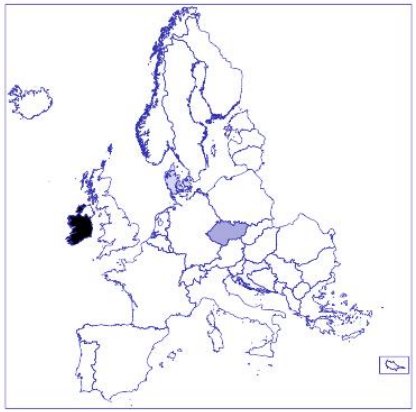

Figure 149: Number of results on 'Aluminum and derivatives' (No.102 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

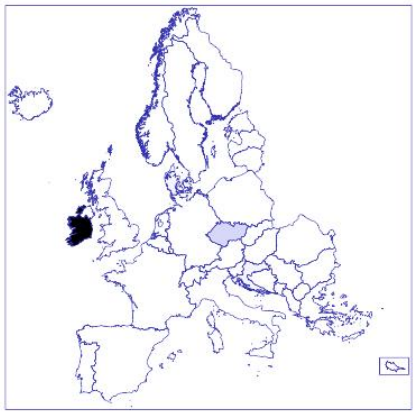

Figure 150: Number of results on 'Aluminum and derivatives' (No.102 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 154: Frequency of reporting on 'Aluminum and derivatives' (No.102 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	90	90
Vegetables and vegetable products (including fungi) (A.02)	24	24
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	11	11
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	18	18
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	16	16
Alcoholic beverages (A.14)	1	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	177	177
Herbs, spices and condiments (A.16)	2	2
Food for infants and small children (A.17)	34	34
Products for special nutritional use (A.18)	7	7
Composite food (including frozen products) (A.19)	19	19
Snacks, desserts and other foods (A.20)	27	27
Total	*468*	*468*

Antimony and derivatives (No.103 - Level 2 in Table 1)

Table 155: Frequency of reporting on 'Antimony and derivatives' (No.103 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	154	154
Total	*154*	*154*

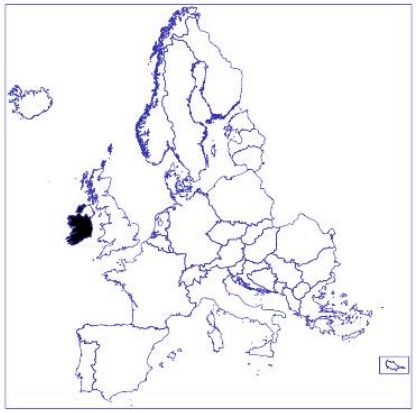

Figure 151: Number of results on 'Antimony and derivatives' (No.103 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

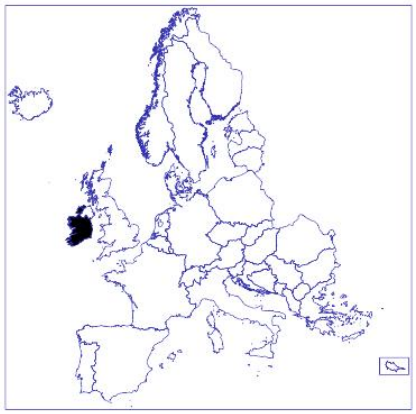

Figure 152: Number of results on 'Antimony and derivatives' (No.103 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 156: Frequency of reporting on 'Antimony and derivatives' (No.103 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	142	142
Snacks, desserts and other foods (A.20)	10	10
Total	*154*	*154*

Arsenic and derivatives (No.104 - Level 2 in Table 1)

Table 157: Frequency of reporting on 'Arsenic and derivatives' (No.104 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	258	258
Croatia	149	149
Cyprus	20	20
Czech Republic	923	909
Denmark	434	223
Estonia	22	22
Finland	39	39
France	754	741
Germany	2 776	2 764
Hungary	708	708
Ireland	578	571
Italy	1 270	254
Lithuania	161	161
Luxembourg	132	56
Norway	494	394
Portugal	23	23
Slovakia	542	542
Slovenia	2	1
Spain	316	195
Total	*9 601*	*8 030*

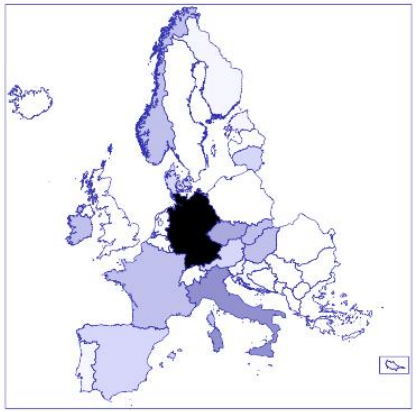

Figure 153: Number of results on 'Arsenic and derivatives' (No.104 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

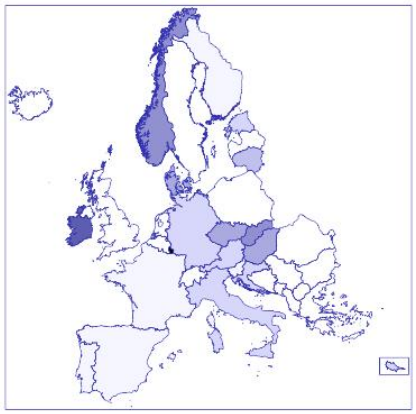

Figure 154: Number of results on 'Arsenic and derivatives' (No.104 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 158: Frequency of reporting on 'Arsenic and derivatives' (No.104 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	2 230	1 066
Vegetables and vegetable products (including fungi) (A.02)	584	573
Starchy roots and tubers (A.03)	49	49
Legumes, nuts and oilseeds (A.04)	437	437
Fruit and fruit products (A.05)	276	276
Meat and meat products (including edible offal) (A.06)	976	976
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1 079	1 022
Milk and dairy products (A.08)	523	503
Eggs and egg products (A.09)	27	27
Sugar and confectionary (A.10)	159	159
Animal and vegetable fats and oils (A.11)	19	19
Fruit and vegetable juices (A.12)	362	362
Non-alcoholic beverages (excepting milk based beverages) (A.13)	43	43
Alcoholic beverages (A.14)	72	72
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	900	900
Herbs, spices and condiments (A.16)	206	206
Food for infants and small children (A.17)	193	161
Products for special nutritional use (A.18)	279	257
Composite food (including frozen products) (A.19)	32	32
Snacks, desserts and other foods (A.20)	69	59
Other foods (foods which cannot be included in any other group) (A.20.03)	10	5
Cereal grains, their products and by-products (G.01)	251	83
Oil seeds, oil fruits and products derived thereof (G.02)	22	22
Legume seeds and products derived thereof (G.03)	1	1
Tubers, roots and products derived thereof (G.04)	4	4
Forages and roughage and products derived thereof (G.06)	28	28
Other plants, algae and products derived thereof (G.07)	2	2
Land animal products and products derived thereof (G.09)	4	4
Fish, other aquatic animals and products derived thereof (G.10)	23	23
Minerals and products derived thereof (G.11)	84	84
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	16	16
COMPOUND FEED (G.14)	638	556
Total	*9 601*	*8 030*

Inorganic Arsenic (No.105 - Level 3 in Table 1)

Table 159: Frequency of reporting on 'Inorganic Arsenic' (No.105 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	14	14
Denmark	218	218
France	13	13
Germany	12	12
Ireland	18	18
Italy	508	254
Luxembourg	116	40
Norway	100	100
Slovenia	1	1
Spain	121	121
Total	*1 121*	*791*

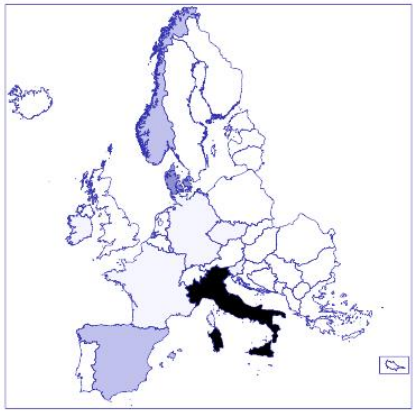

Figure 155: Number of results on 'Inorganic Arsenic' (No.105 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

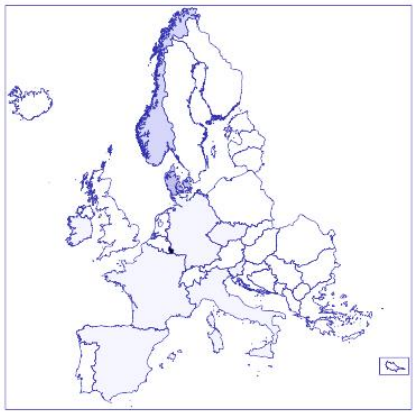

Figure 156: Number of results on 'Inorganic Arsenic' (No.105 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 160: Frequency of reporting on 'Inorganic Arsenic' (No.105 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	764	504
Vegetables and vegetable products (including fungi) (A.02)	11	11
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	72	72
Milk and dairy products (A.08)	30	10
Food for infants and small children (A.17)	38	30
Products for special nutritional use (A.18)	15	15
Snacks, desserts and other foods (A.20)	20	20
Other foods (foods which cannot be included in any other group) (A.20.03)	5	5
Cereal grains, their products and by-products (G.01)	84	42
COMPOUND FEED (G.14)	82	82
Total	*1 121*	*791*

Organic Arsenic (No.106 - Level 3 in Table 1)

Table 161: Frequency of reporting on 'Organic Arsenic' (No.106 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Italy	508	254
Total	*508*	*254*

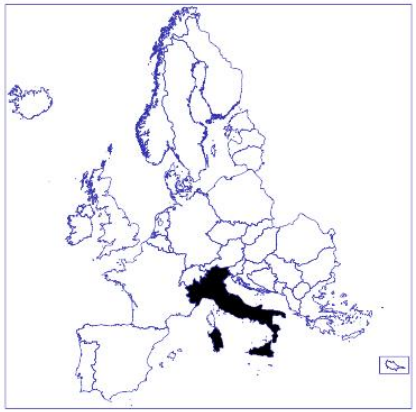

Figure 157: Number of results on 'Organic Arsenic' (No.106 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 158: Number of results on 'Organic Arsenic' (No.106 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 162: Frequency of reporting on 'Organic Arsenic' (No.106 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	424	212
Cereal grains, their products and by-products (G.01)	84	42
Total	*508*	*254*

Total Arsenic (No.107 - Level 3 in Table 1)

Table 163: Frequency of reporting on 'Total Arsenic' (No.107 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	258	258
Croatia	149	149
Cyprus	20	20
Czech Republic	909	909
Denmark	216	216
Estonia	22	22
Finland	39	39
France	741	741
Germany	2 764	2 764
Hungary	708	708
Ireland	560	553
Italy	254	254
Lithuania	161	161
Luxembourg	16	16
Norway	394	394
Slovakia	542	542
Slovenia	1	1
Spain	195	195
Total	*7 949*	*7 942*

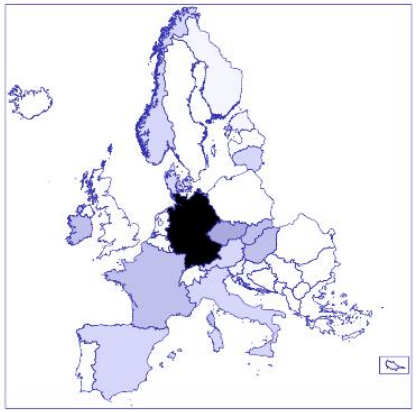

Figure 159: Number of results on 'Total Arsenic' (No.107 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

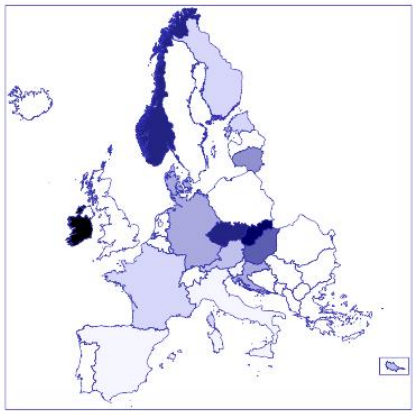

Figure 160: Number of results on 'Total Arsenic' (No.107 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 164: Frequency of reporting on 'Total Arsenic' (No.107 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 021	1 021
Vegetables and vegetable products (including fungi) (A.02)	573	573
Starchy roots and tubers (A.03)	49	49
Legumes, nuts and oilseeds (A.04)	437	437
Fruit and fruit products (A.05)	276	276
Meat and meat products (including edible offal) (A.06)	976	976
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	1 007	1 007
Milk and dairy products (A.08)	493	493
Eggs and egg products (A.09)	27	27
Sugar and confectionary (A.10)	159	159
Animal and vegetable fats and oils (A.11)	19	19
Fruit and vegetable juices (A.12)	362	362
Non-alcoholic beverages (excepting milk based beverages) (A.13)	43	43
Alcoholic beverages (A.14)	72	72
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	900	900
Herbs, spices and condiments (A.16)	206	206
Food for infants and small children (A.17)	155	155
Products for special nutritional use (A.18)	264	257
Composite food (including frozen products) (A.19)	31	31
Snacks, desserts and other foods (A.20)	49	49
Other foods (foods which cannot be included in any other group) (A.20.03)	5	5
Cereal grains, their products and by-products (G.01)	82	82
Oil seeds, oil fruits and products derived thereof (G.02)	22	22
Legume seeds and products derived thereof (G.03)	1	1
Tubers, roots and products derived thereof (G.04)	4	4
Forages and roughage and products derived thereof (G.06)	28	28
Other plants, algae and products derived thereof (G.07)	2	2
Land animal products and products derived thereof (G.09)	4	4
Fish, other aquatic animals and products derived thereof (G.10)	23	23
Minerals and products derived thereof (G.11)	84	84
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	16	16
COMPOUND FEED (G.14)	556	556
Total	*7 949*	*7 942*

Barium and derivatives (No.108 - Level 2 in Table 1)

Table 165: Frequency of reporting on 'Barium and derivatives' (No.108 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	16	16
Ireland	26	26
Total	*42*	*42*

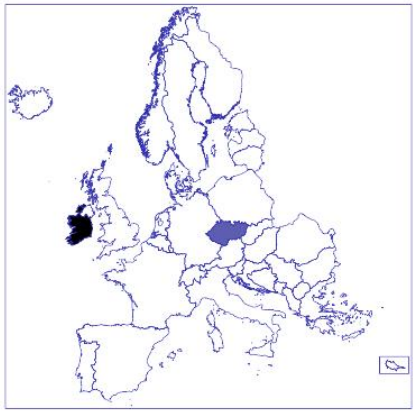

Figure 161: Number of results on 'Barium and derivatives' (No.108 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

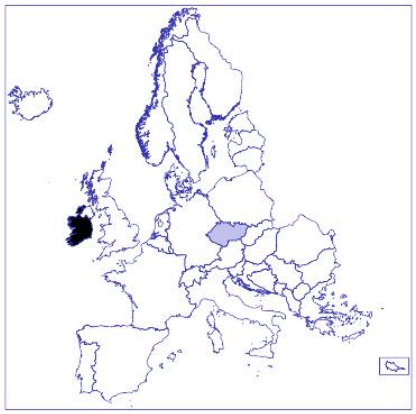

Figure 162: Number of results on 'Barium and derivatives' (No.108 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 166: Frequency of reporting on 'Barium and derivatives' (No.108 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	42	42
Total	*42*	*42*

Boron and derivatives (No.110 - Level 2 in Table 1)

Table 167: Frequency of reporting on 'Boron and derivatives' (No.110 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Ireland	156	156
Total	*156*	*156*

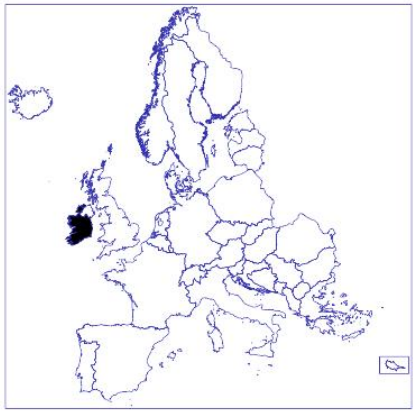

Figure 163: Number of results on 'Boron and derivatives' (No.110 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

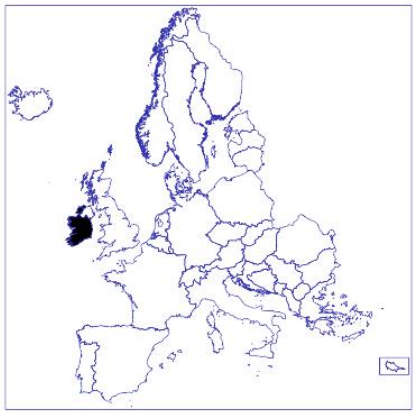

Figure 164: Number of results on 'Boron and derivatives' (No.110 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 168: Frequency of reporting on 'Boron and derivatives' (No.110 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	144	144
Snacks, desserts and other foods (A.20)	10	10
Total	*156*	*156*

Cadmium and derivatives (No.112 - Level 2 in Table 1)

Table 169: Frequency of reporting on 'Cadmium and derivatives' (No.112 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	1 107	1 107
Bulgaria	3	3
Croatia	2 105	2 105
Cyprus	128	128
Czech Republic	1 669	1 669
Denmark	260	260
Estonia	21	21
Finland	192	192
France	3 303	3 303
Germany	8 376	8 376
Hungary	1 055	1 055
Ireland	736	730
Lithuania	503	503
Luxembourg	58	58
Malta	144	144
Norway	394	394
Portugal	371	371
Romania	891	891
Slovakia	1 601	1 601
Slovenia	485	485
Spain	731	731
Sweden	30	30
Total	*24 163*	*24 157*

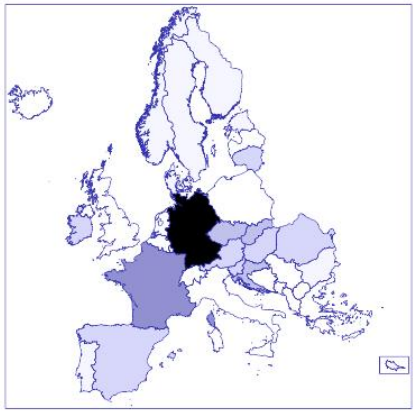

Figure 165: Number of results on 'Cadmium and derivatives' (No.112 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

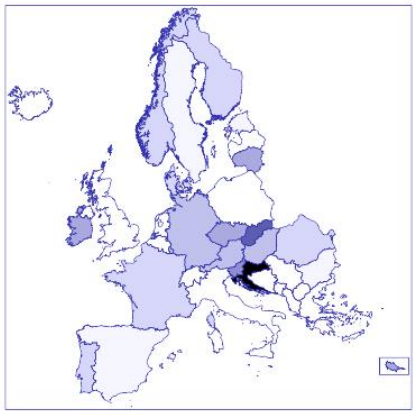

Figure 166: Number of results on 'Cadmium and derivatives' (No.112 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 170: Frequency of reporting on 'Cadmium and derivatives' (No.112 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 762	1 762
Vegetables and vegetable products (including fungi) (A.02)	2 533	2 533
Starchy roots and tubers (A.03)	469	469
Legumes, nuts and oilseeds (A.04)	878	878
Fruit and fruit products (A.05)	1 275	1 275
Meat and meat products (including edible offal) (A.06)	8 414	8 414
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3 269	3 269
Milk and dairy products (A.08)	803	803
Eggs and egg products (A.09)	50	50
Sugar and confectionary (A.10)	478	478
Animal and vegetable fats and oils (A.11)	124	124
Fruit and vegetable juices (A.12)	445	445
Non-alcoholic beverages (excepting milk based beverages) (A.13)	147	147
Alcoholic beverages (A.14)	195	195
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	605	605
Herbs, spices and condiments (A.16)	371	371
Food for infants and small children (A.17)	552	552
Products for special nutritional use (A.18)	604	598
Composite food (including frozen products) (A.19)	66	66
Snacks, desserts and other foods (A.20)	138	138
Cereal grains, their products and by-products (G.01)	55	55
Oil seeds, oil fruits and products derived thereof (G.02)	39	39
Legume seeds and products derived thereof (G.03)	4	4
Tubers, roots and products derived thereof (G.04)	12	12
Forages and roughage and products derived thereof (G.06)	31	31
Other plants, algae and products derived thereof (G.07)	3	3
Milk products and products derived thereof (G.08)	1	1
Land animal products and products derived thereof (G.09)	6	6
Fish, other aquatic animals and products derived thereof (G.10)	28	28
Minerals and products derived thereof (G.11)	101	101
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	21	21
COMPOUND FEED (G.14)	681	681
Total	*24 163*	*24 157*

Calcium and derivatives (No.113 - Level 2 in Table 1)

Table 171: Frequency of reporting on 'Calcium and derivatives' (No.113 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Total	*110*	*110*

Figure 167: Number of results on 'Calcium and derivatives' (No.113 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 168: Number of results on 'Calcium and derivatives' (No.113 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 172: Frequency of reporting on 'Calcium and derivatives' (No.113 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	15	15
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	1	1
Food for infants and small children (A.17)	3	3
Snacks, desserts and other foods (A.20)	3	3
Total	*110*	*110*

Chlorine and derivatives (No.114 - Level 2 in Table 1)

Table 173: Frequency of reporting on 'Chlorine and derivatives' (No.114 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Belgium	66	66
European Union	575	575
Finland	10	10
France	148	148
Germany	6 241	4 406
Italy	324	324
Netherlands	857	857
Spain	214	214
United Kingdom	60	60
Total	*8 495*	*6 660*

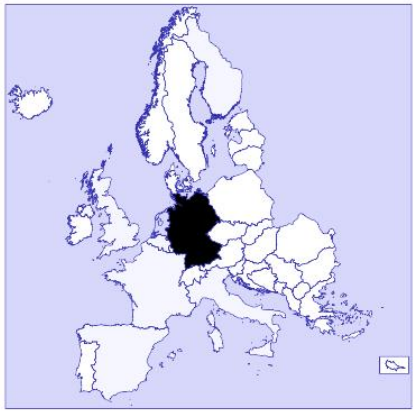

Figure 169: Number of results on 'Chlorine and derivatives' (No.114 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

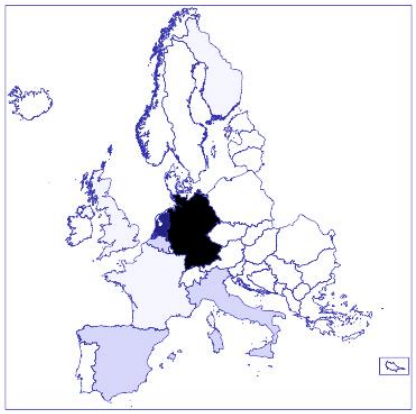

Figure 170: Number of results on 'Chlorine and derivatives' (No.114 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 174: Frequency of reporting on 'Chlorine and derivatives' (No.114 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	76	39
Vegetables and vegetable products (including fungi) (A.02)	4 190	3 344
Starchy roots and tubers (A.03)	126	86
Legumes, nuts and oilseeds (A.04)	275	181
Fruit and fruit products (A.05)	2 646	1 992
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	2	2
Fruit and vegetable juices (A.12)	37	24
Non-alcoholic beverages (excepting milk based beverages) (A.13)	11	11
Alcoholic beverages (A.14)	63	31
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	231	231
Herbs, spices and condiments (A.16)	304	214
Food for infants and small children (A.17)	114	86
Products for special nutritional use (A.18)	3	3
Composite food (including frozen products) (A.19)	76	75
Snacks, desserts and other foods (A.20)	341	341
Total	*8 495*	*6 660*

Chlorates (No.115 - Level 3 in Table 1)

Table 175: Frequency of reporting on 'Chlorates' (No.115 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
European Union	575	575
Germany	1 347	1 163
Total	*1 922*	*1 738*

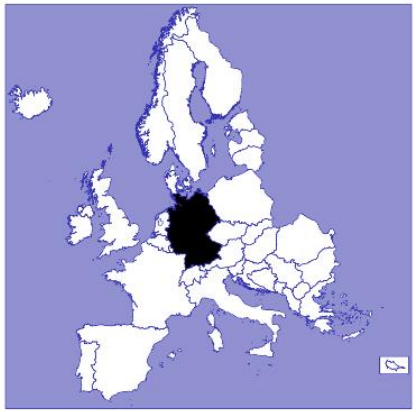

Figure 171: Number of results on 'Chlorates' (No.115 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

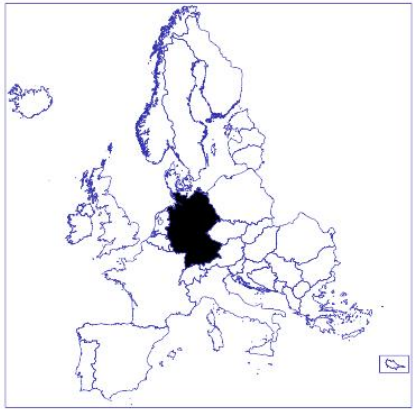

Figure 172: Number of results on 'Chlorates' (No.115 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 176: Frequency of reporting on 'Chlorates' (No.115 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	37	33
Vegetables and vegetable products (including fungi) (A.02)	925	815
Starchy roots and tubers (A.03)	28	27
Legumes, nuts and oilseeds (A.04)	98	88
Fruit and fruit products (A.05)	563	520
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	2	2
Fruit and vegetable juices (A.12)	24	23
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	32	30
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	27	27
Herbs, spices and condiments (A.16)	118	106
Food for infants and small children (A.17)	13	12
Composite food (including frozen products) (A.19)	53	53
Total	*1 922*	*1 738*

Perchlorate (No.116 - Level 3 in Table 1)

Table 177: Frequency of reporting on 'Perchlorate' (No.116 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Belgium	66	66
Finland	10	10
France	148	148
Germany	4 894	4 361
Italy	324	324
Netherlands	857	857
Spain	214	214
United Kingdom	60	60
Total	*6 573*	*6 040*

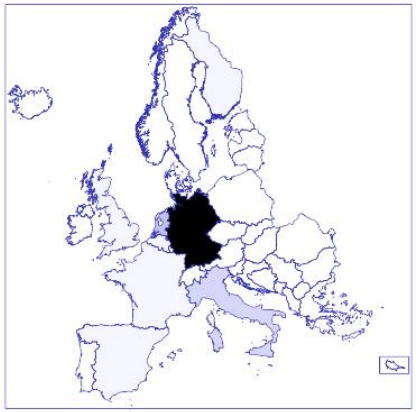

Figure 173: Number of results on 'Perchlorate' (No.116 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

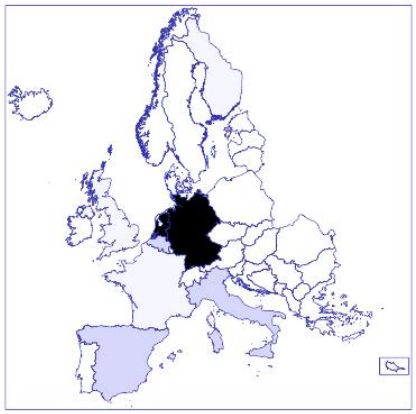

Figure 174: Number of results on 'Perchlorate' (No.116 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 178: Frequency of reporting on 'Perchlorate' (No.116 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	39	35
Vegetables and vegetable products (including fungi) (A.02)	3 265	3 008
Starchy roots and tubers (A.03)	98	79
Legumes, nuts and oilseeds (A.04)	177	141
Fruit and fruit products (A.05)	2 083	1 907
Fruit and vegetable juices (A.12)	13	12
Non-alcoholic beverages (excepting milk based beverages) (A.13)	9	9
Alcoholic beverages (A.14)	31	31
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	204	204
Herbs, spices and condiments (A.16)	186	161
Food for infants and small children (A.17)	101	86
Products for special nutritional use (A.18)	3	3
Composite food (including frozen products) (A.19)	23	23
Snacks, desserts and other foods (A.20)	341	341
Total	*6 573*	*6 040*

Chromium and derivatives (No.117 - Level 2 in Table 1)

Table 179: Frequency of reporting on 'Chromium and derivatives' (No.117 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	402	395
Portugal	18	18
Total	*530*	*523*

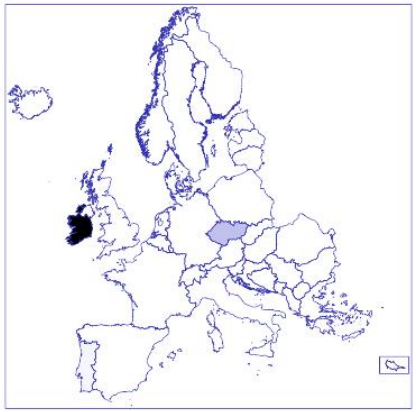

Figure 175: Number of results on 'Chromium and derivatives' (No.117 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

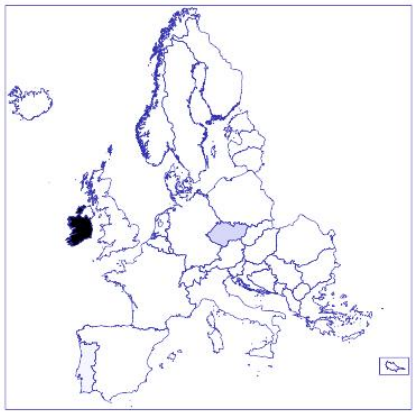

Figure 176: Number of results on 'Chromium and derivatives' (No.117 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 180: Frequency of reporting on 'Chromium and derivatives' (No.117 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	34	34
Vegetables and vegetable products (including fungi) (A.02)	58	58
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	29	29
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	50	50
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	3	3
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	143	143
Herbs, spices and condiments (A.16)	33	33
Food for infants and small children (A.17)	30	30
Products for special nutritional use (A.18)	70	63
Composite food (including frozen products) (A.19)	11	11
Snacks, desserts and other foods (A.20)	28	28
Cereal grains, their products and by-products (G.01)	1	1
Total	*530*	*523*

Copper and derivatives (No.122 - Level 2 in Table 1)

Table 181: Frequency of reporting on 'Copper and derivatives' (No.122 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Croatia	10	10
Czech Republic	110	110
Ireland	155	155
Norway	32	32
Portugal	83	83
Slovakia	13	13
Total	*403*	*403*

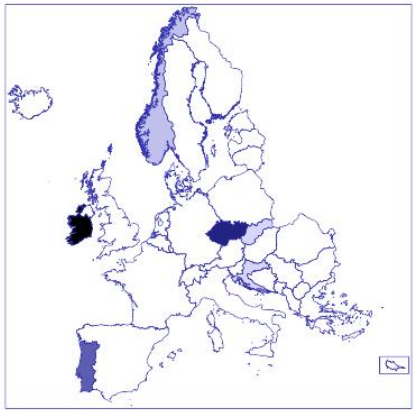

Figure 177: Number of results on 'Copper and derivatives' (No.122 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

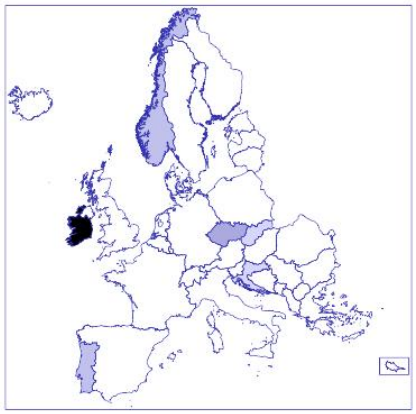

Figure 178: Number of results on 'Copper and derivatives' (No.122 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 182: Frequency of reporting on 'Copper and derivatives' (No.122 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	36	36
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	37	37
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	1	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	143	143
Herbs, spices and condiments (A.16)	10	10
Food for infants and small children (A.17)	3	3
Composite food (including frozen products) (A.19)	2	2
Snacks, desserts and other foods (A.20)	13	13
Cereal grains, their products and by-products (G.01)	1	1
Minerals and products derived thereof (G.11)	1	1
COMPOUND FEED (G.14)	71	71
Total	*403*	*403*

Fluorine and derivatives (No.124 - Level 2 in Table 1)

Table 183: Frequency of reporting on 'Fluorine and derivatives' (No.124 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
France	145	145
Hungary	30	30
Norway	68	68
Total	*243*	*243*

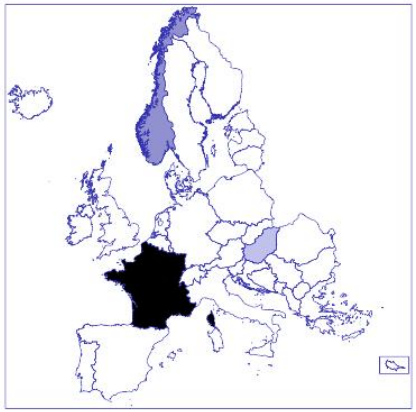

Figure 179: Number of results on 'Fluorine and derivatives' (No.124 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

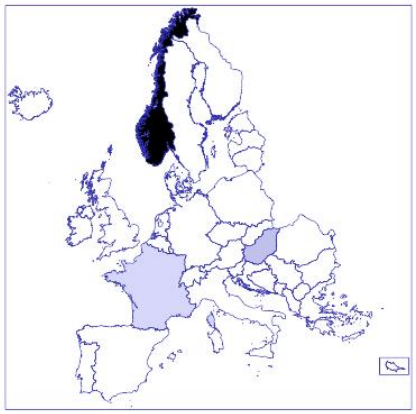

Figure 180: Number of results on 'Fluorine and derivatives' (No.124 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 184: Frequency of reporting on 'Fluorine and derivatives' (No.124 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Cereal grains, their products and by-products (G.01)	1	1
Oil seeds, oil fruits and products derived thereof (G.02)	1	1
Tubers, roots and products derived thereof (G.04)	1	1
Other plants, algae and products derived thereof (G.07)	2	2
Fish, other aquatic animals and products derived thereof (G.10)	11	11
Minerals and products derived thereof (G.11)	44	44
COMPOUND FEED (G.14)	183	183
Total	*243*	*243*

Iodine and derivatives (No.125 - Level 2 in Table 1)

Table 185: Frequency of reporting on 'Iodine and derivatives' (No.125 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	141	141
Total	*141*	*141*

Figure 181: Number of results on 'Iodine and derivatives' (No.125 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 182: Number of results on 'Iodine and derivatives' (No.125 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 186: Frequency of reporting on 'Iodine and derivatives' (No.125 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	12	12
Vegetables and vegetable products (including fungi) (A.02)	1	1
Starchy roots and tubers (A.03)	1	1
Legumes, nuts and oilseeds (A.04)	1	1
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	2	2
Animal and vegetable fats and oils (A.11)	3	3
Food for infants and small children (A.17)	2	2
Snacks, desserts and other foods (A.20)	3	3
COMPOUND FEED (G.14)	72	72
Total	*141*	*141*

Iron and derivatives (No.126 - Level 2 in Table 1)

Table 187: Frequency of reporting on 'Iron and derivatives' (No.126 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	204	204
Total	*314*	*314*

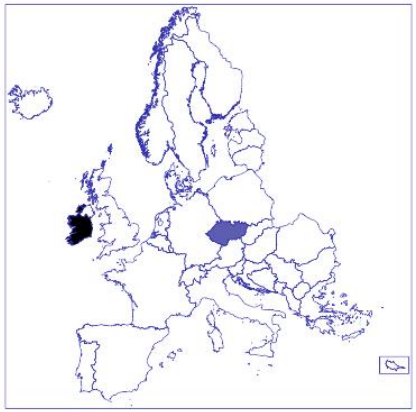

Figure 183: Number of results on 'Iron and derivatives' (No.126 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

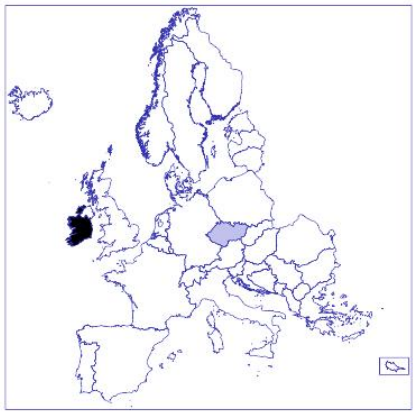

Figure 184: Number of results on 'Iron and derivatives' (No.126 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 188: Frequency of reporting on 'Iron and derivatives' (No.126 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	15	15
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	1	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	178	178
Food for infants and small children (A.17)	3	3
Snacks, desserts and other foods (A.20)	27	27
Total	*314*	*314*

Lead and derivatives (No.127 - Level 2 in Table 1)

Table 189: Frequency of reporting on 'Lead and derivatives' (No.127 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	1 104	1 104
Bulgaria	3	3
Croatia	2 149	2 149
Cyprus	128	128
Czech Republic	1 679	1 679
Denmark	260	260
Estonia	22	22
Finland	190	190
France	3 192	3 191
Germany	7 748	7 748
Hungary	1 197	1 197
Ireland	794	787
Lithuania	450	450
Luxembourg	63	63
Malta	1	1
Norway	394	394
Portugal	353	353
Romania	1 445	1 445
Slovakia	2 060	2 060
Slovenia	479	479
Spain	705	705
Sweden	30	30
Total	*24 446*	*24 438*

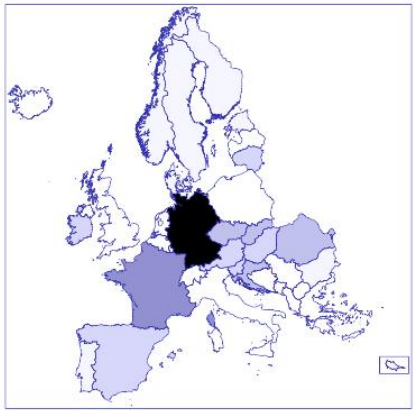

Figure 185: Number of results on 'Lead and derivatives' (No.127 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

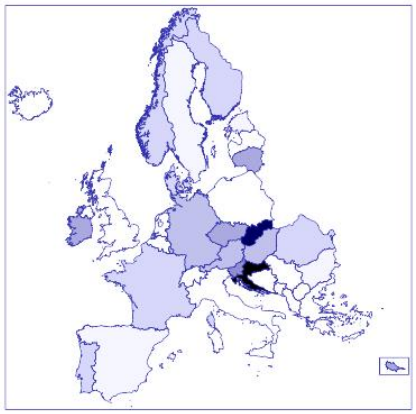

Figure 186: Number of results on 'Lead and derivatives' (No.127 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 190: Frequency of reporting on 'Lead and derivatives' (No.127 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1 791	1 791
Vegetables and vegetable products (including fungi) (A.02)	2 536	2 536
Starchy roots and tubers (A.03)	467	467
Legumes, nuts and oilseeds (A.04)	797	797
Fruit and fruit products (A.05)	1 333	1 333
Meat and meat products (including edible offal) (A.06)	7 734	7 733
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3 040	3 040
Milk and dairy products (A.08)	949	949
Eggs and egg products (A.09)	52	52
Sugar and confectionary (A.10)	453	453
Animal and vegetable fats and oils (A.11)	310	310
Fruit and vegetable juices (A.12)	638	638
Non-alcoholic beverages (excepting milk based beverages) (A.13)	169	169
Alcoholic beverages (A.14)	643	643
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	643	643
Herbs, spices and condiments (A.16)	392	392
Food for infants and small children (A.17)	600	600
Products for special nutritional use (A.18)	630	623
Composite food (including frozen products) (A.19)	73	73
Snacks, desserts and other foods (A.20)	166	166
Cereal grains, their products and by-products (G.01)	58	58
Oil seeds, oil fruits and products derived thereof (G.02)	38	38
Legume seeds and products derived thereof (G.03)	4	4
Tubers, roots and products derived thereof (G.04)	12	12
Other seeds and fruits and products derived thereof (G.05)	2	2
Forages and roughage and products derived thereof (G.06)	32	32
Other plants, algae and products derived thereof (G.07)	3	3
Milk products and products derived thereof (G.08)	4	4
Land animal products and products derived thereof (G.09)	6	6
Fish, other aquatic animals and products derived thereof (G.10)	19	19
Minerals and products derived thereof (G.11)	103	103
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	4	4
Miscellaneous (G.13)	23	23
COMPOUND FEED (G.14)	722	722
Total	*24 446*	*24 438*

Magnesium and derivatives (No.129 - Level 2 in Table 1)

Table 191: Frequency of reporting on 'Magnesium and derivatives' (No.129 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Total	*110*	*110*

Figure 187: Number of results on 'Magnesium and derivatives' (No.129 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 188: Number of results on 'Magnesium and derivatives' (No.129 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 192: Frequency of reporting on 'Magnesium and derivatives' (No.129 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	15	15
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	1	1
Food for infants and small children (A.17)	3	3
Snacks, desserts and other foods (A.20)	3	3
Total	*110*	*110*

Manganese and derivatives (No.130 - Level 2 in Table 1)

Table 193: Frequency of reporting on 'Manganese and derivatives' (No.130 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	166	166
Portugal	23	23
Total	*299*	*299*

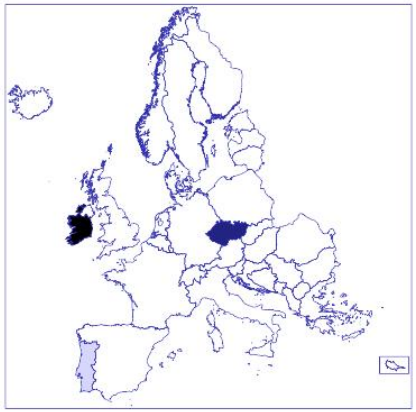

Figure 189: Number of results on 'Manganese and derivatives' (No.130 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

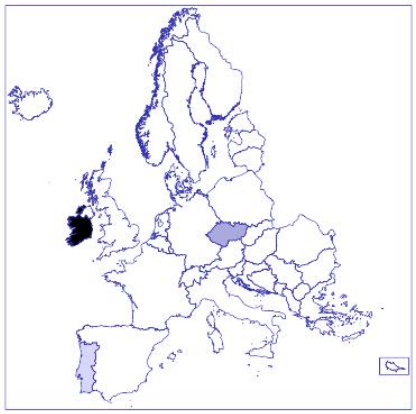

Figure 190: Number of results on 'Manganese and derivatives' (No.130 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 194: Frequency of reporting on 'Manganese and derivatives' (No.130 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	36	36
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	1	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	154	154
Food for infants and small children (A.17)	3	3
Composite food (including frozen products) (A.19)	1	1
Snacks, desserts and other foods (A.20)	13	13
Cereal grains, their products and by-products (G.01)	1	1
Total	*299*	*299*

Mercury and derivatives (No.131 - Level 2 in Table 1)

Table 195: Frequency of reporting on 'Mercury and derivatives' (No.131 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	746	746
Croatia	758	758
Cyprus	124	124
Czech Republic	1 383	1 353
Denmark	247	247
Estonia	21	21
Finland	55	55
France	790	790
Germany	6 349	6 349
Hungary	541	541
Ireland	344	344
Lithuania	250	250
Norway	394	394
Portugal	179	179
Slovakia	945	945
Slovenia	50	50
Spain	640	567
Total	*13 816*	*13 713*

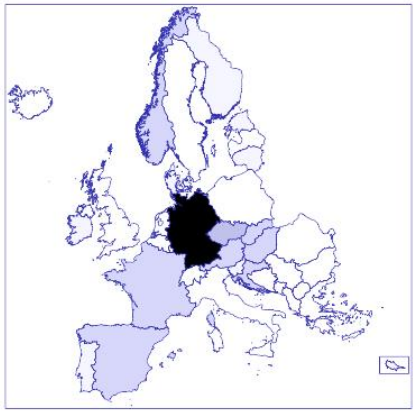

Figure 191: Number of results on 'Mercury and derivatives' (No.131 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

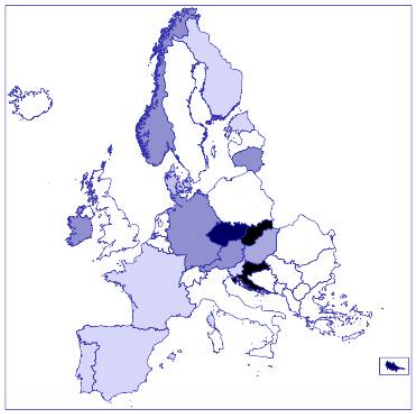

Figure 192: Number of results on 'Mercury and derivatives' (No.131 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 196: Frequency of reporting on 'Mercury and derivatives' (No.131 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	381	373
Vegetables and vegetable products (including fungi) (A.02)	792	792
Starchy roots and tubers (A.03)	71	71
Legumes, nuts and oilseeds (A.04)	126	126
Fruit and fruit products (A.05)	229	229
Meat and meat products (including edible offal) (A.06)	5 573	5 573
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3 244	3 163
Milk and dairy products (A.08)	592	592
Eggs and egg products (A.09)	50	50
Sugar and confectionary (A.10)	280	280
Animal and vegetable fats and oils (A.11)	26	26
Fruit and vegetable juices (A.12)	162	162
Non-alcoholic beverages (excepting milk based beverages) (A.13)	67	67
Alcoholic beverages (A.14)	25	25
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	431	431
Herbs, spices and condiments (A.16)	160	160
Food for infants and small children (A.17)	233	233
Products for special nutritional use (A.18)	447	447
Composite food (including frozen products) (A.19)	37	37
Snacks, desserts and other foods (A.20)	52	52
Cereal grains, their products and by-products (G.01)	37	37
Oil seeds, oil fruits and products derived thereof (G.02)	22	22
Legume seeds and products derived thereof (G.03)	1	1
Tubers, roots and products derived thereof (G.04)	5	5
Forages and roughage and products derived thereof (G.06)	25	25
Other plants, algae and products derived thereof (G.07)	5	5
Milk products and products derived thereof (G.08)	1	1
Land animal products and products derived thereof (G.09)	4	4
Fish, other aquatic animals and products derived thereof (G.10)	56	56
Minerals and products derived thereof (G.11)	82	82
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	5	5
COMPOUND FEED (G.14)	592	578
Total	*13 816*	*13 713*

Inorganic mercury (No.133 - Level 3 in Table 1)

Table 197: Frequency of reporting on 'Inorganic mercury' (No.133 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Slovakia	1	1
Total	*1*	*1*

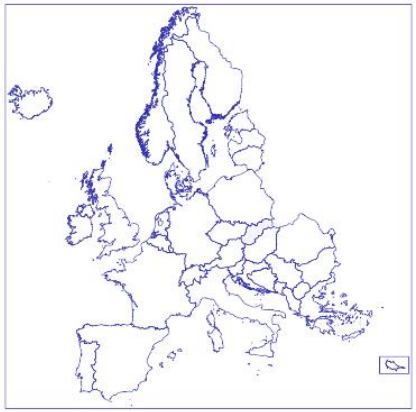

Figure 193: Number of results on 'Inorganic mercury' (No.133 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

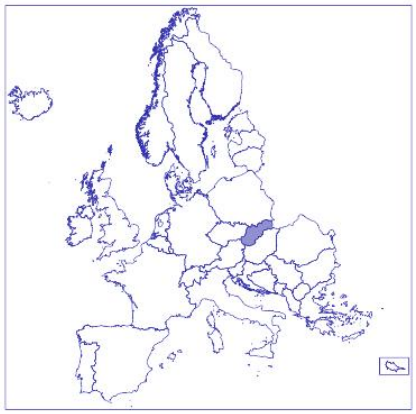

Figure 194: Number of results on 'Inorganic mercury' (No.133 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 198: Frequency of reporting on 'Inorganic mercury' (No.133 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Food for infants and small children (A.17)	1	1
Total	*1*	*1*

Methylmercury (No.134 - Level 3 in Table 1)

Table 199: Frequency of reporting on 'Methylmercury' (No.134 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	30	30
Slovakia	8	8
Spain	73	73
Total	*111*	*111*

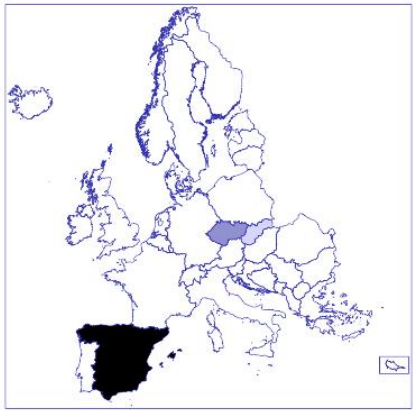

Figure 195: Number of results on 'Methylmercury' (No.134 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

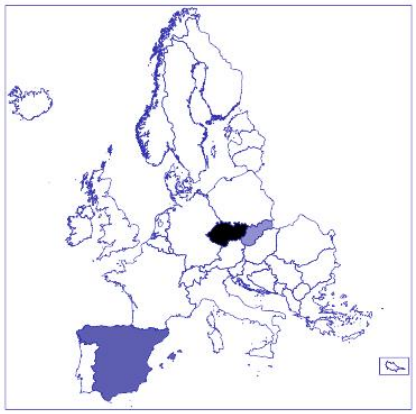

Figure 196: Number of results on 'Methylmercury' (No.134 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 200: Frequency of reporting on 'Methylmercury' (No.134 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	8	8
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	89	89
COMPOUND FEED (G.14)	14	14
Total	*111*	*111*

Total mercury (No.135 - Level 3 in Table 1)

Table 201: Frequency of reporting on 'Total mercury' (No.135 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	746	746
Croatia	758	758
Cyprus	124	124
Czech Republic	1 353	1 353
Denmark	247	247
Estonia	21	21
Finland	55	55
France	790	790
Germany	6 349	6 349
Hungary	541	541
Ireland	344	344
Lithuania	250	250
Norway	394	394
Portugal	179	179
Slovakia	936	936
Slovenia	50	50
Spain	567	567
Total	*13 704*	*13 704*

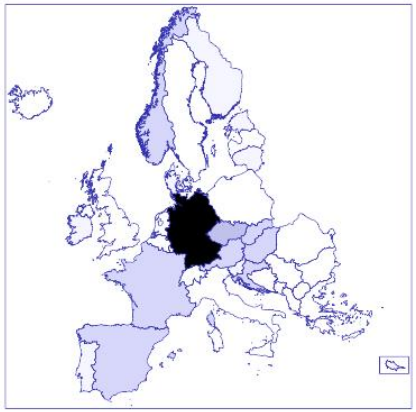

Figure 197: Number of results on 'Total mercury' (No.135 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

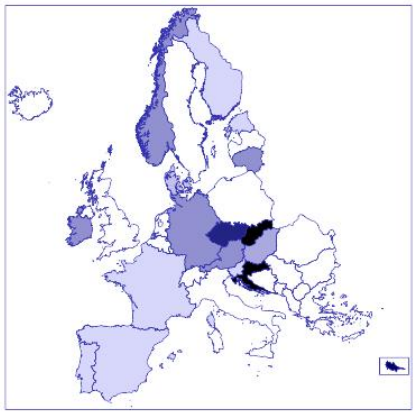

Figure 198: Number of results on 'Total mercury' (No.135 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 202: Frequency of reporting on 'Total mercury' (No.135 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	373	373
Vegetables and vegetable products (including fungi) (A.02)	792	792
Starchy roots and tubers (A.03)	71	71
Legumes, nuts and oilseeds (A.04)	126	126
Fruit and fruit products (A.05)	229	229
Meat and meat products (including edible offal) (A.06)	5 573	5 573
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	3 155	3 155
Milk and dairy products (A.08)	592	592
Eggs and egg products (A.09)	50	50
Sugar and confectionary (A.10)	280	280
Animal and vegetable fats and oils (A.11)	26	26
Fruit and vegetable juices (A.12)	162	162
Non-alcoholic beverages (excepting milk based beverages) (A.13)	67	67
Alcoholic beverages (A.14)	25	25
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	431	431
Herbs, spices and condiments (A.16)	160	160
Food for infants and small children (A.17)	232	232
Products for special nutritional use (A.18)	447	447
Composite food (including frozen products) (A.19)	37	37
Snacks, desserts and other foods (A.20)	52	52
Cereal grains, their products and by-products (G.01)	37	37
Oil seeds, oil fruits and products derived thereof (G.02)	22	22
Legume seeds and products derived thereof (G.03)	1	1
Tubers, roots and products derived thereof (G.04)	5	5
Forages and roughage and products derived thereof (G.06)	25	25
Other plants, algae and products derived thereof (G.07)	5	5
Milk products and products derived thereof (G.08)	1	1
Land animal products and products derived thereof (G.09)	4	4
Fish, other aquatic animals and products derived thereof (G.10)	56	56
Minerals and products derived thereof (G.11)	82	82
Fermentation (by-)products from microorganisms the cells of which have been inactivated or killed (G.12)	3	3
Miscellaneous (G.13)	5	5
COMPOUND FEED (G.14)	578	578
Total	*13 704*	*13 704*

Molybdenum and derivatives (No.136 - Level 2 in Table 1)

Table 203: Frequency of reporting on 'Molybdenum and derivatives' (No.136 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Total	*110*	*110*

Figure 199: Number of results on 'Molybdenum and derivatives' (No.136 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 200: Number of results on 'Molybdenum and derivatives' (No.136 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 204: Frequency of reporting on 'Molybdenum and derivatives' (No.136 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	15	15
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	1	1
Food for infants and small children (A.17)	3	3
Snacks, desserts and other foods (A.20)	3	3
Total	*110*	*110*

Nickel and derivatives (No.137 - Level 2 in Table 1)

Table 205: Frequency of reporting on 'Nickel and derivatives' (No.137 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
European Union	302	302
Ireland	368	361
Portugal	24	24
Total	*804*	*797*

Figure 201: Number of results on 'Nickel and derivatives' (No.137 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

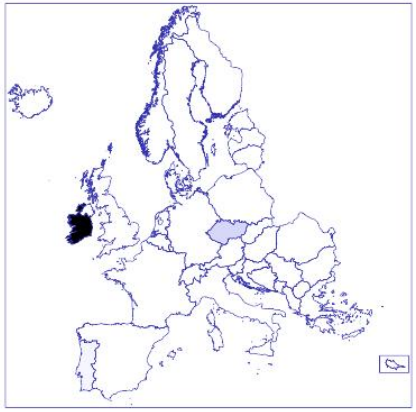

Figure 202: Number of results on 'Nickel and derivatives' (No.137 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 206: Frequency of reporting on 'Nickel and derivatives' (No.137 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	38	38
Vegetables and vegetable products (including fungi) (A.02)	51	51
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	28	28
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	49	49
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	306	306
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	3	3
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	143	143
Herbs, spices and condiments (A.16)	32	32
Food for infants and small children (A.17)	14	14
Products for special nutritional use (A.18)	66	59
Composite food (including frozen products) (A.19)	9	9
Snacks, desserts and other foods (A.20)	27	27
Cereal grains, their products and by-products (G.01)	1	1
Total	*804*	*797*

Nitrogen and derivatives (No.138 - Level 2 in Table 1)

Table 207: Frequency of reporting on 'Nitrogen and derivatives' (No.138 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	284	284
Bulgaria	64	64
Croatia	40	40
Cyprus	97	97
Czech Republic	404	397
Denmark	52	26
Estonia	18	18
Finland	50	50
France	156	156
Germany	1 391	1 391
Hungary	311	302
Ireland	143	143
Luxembourg	64	64
Malta	126	117
Netherlands	342	342
Portugal	20	20
Romania	299	299
Slovakia	527	390
Slovenia	1 383	1 383
Spain	1 348	1 113
Sweden	30	30
Total	*7 149*	*6 726*

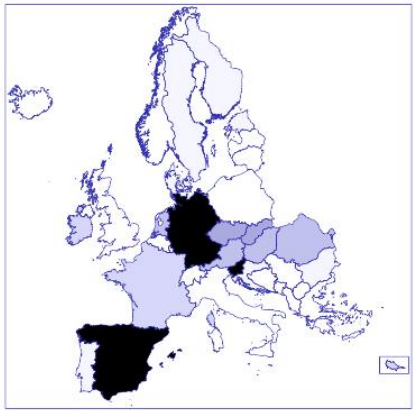

Figure 203: Number of results on 'Nitrogen and derivatives' (No.138 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

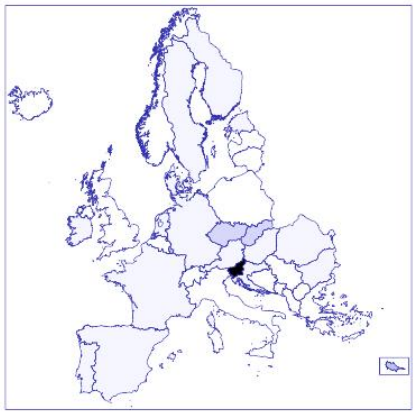

Figure 204: Number of results on 'Nitrogen and derivatives' (No.138 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 208: Frequency of reporting on 'Nitrogen and derivatives' (No.138 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	10	10
Vegetables and vegetable products (including fungi) (A.02)	4 451	4 409
Starchy roots and tubers (A.03)	416	414
Legumes, nuts and oilseeds (A.04)	261	261
Fruit and fruit products (A.05)	67	67
Meat and meat products (including edible offal) (A.06)	654	449
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	32	32
Sugar and confectionary (A.10)	4	4
Fruit and vegetable juices (A.12)	12	12
Non-alcoholic beverages (excepting milk based beverages) (A.13)	8	8
Alcoholic beverages (A.14)	4	4
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	558	459
Herbs, spices and condiments (A.16)	35	35
Food for infants and small children (A.17)	462	420
Products for special nutritional use (A.18)	18	18
Composite food (including frozen products) (A.19)	137	104
Snacks, desserts and other foods (A.20)	5	5
Other foods (foods which cannot be included in any other group) (A.20.03)	1	1
Cereal grains, their products and by-products (G.01)	3	3
COMPOUND FEED (G.14)	6	6
Total	*7 149*	*6 726*

Nitrites (No.139 - Level 3 in Table 1)

Table 209: Frequency of reporting on 'Nitrites' (No.139 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	75	75
Denmark	26	26
Estonia	18	18
France	9	9
Hungary	9	9
Malta	63	63
Slovakia	138	138
Spain	235	235
Total	*573*	*573*

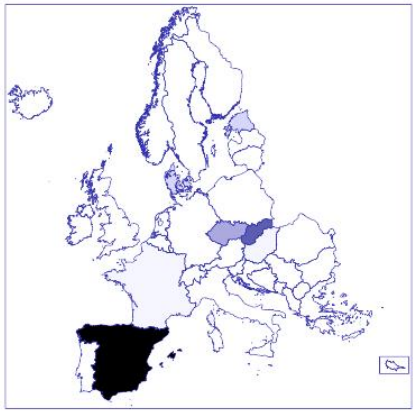

Figure 205: Number of results on 'Nitrites' (No.139 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

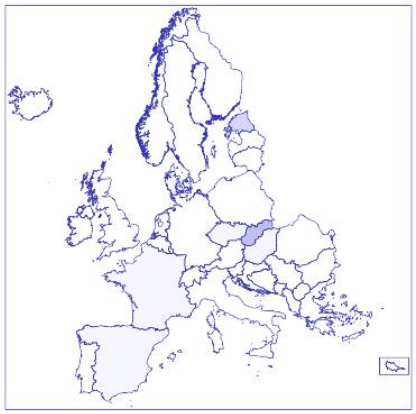

Figure 206: Number of results on 'Nitrites' (No.139 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 210: Frequency of reporting on 'Nitrites' (No.139 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Vegetables and vegetable products (including fungi) (A.02)	95	95
Starchy roots and tubers (A.03)	2	2
Meat and meat products (including edible offal) (A.06)	261	261
Milk and dairy products (A.08)	16	16
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	99	99
Food for infants and small children (A.17)	44	44
Composite food (including frozen products) (A.19)	47	47
Cereal grains, their products and by-products (G.01)	3	3
COMPOUND FEED (G.14)	6	6
Total	*573*	*573*

Nitrate (No.140 - Level 3 in Table 1)

Table 211: Frequency of reporting on 'Nitrate' (No.140 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	284	284
Bulgaria	64	64
Croatia	40	40
Cyprus	97	97
Czech Republic	329	329
Denmark	26	26
Finland	50	50
France	147	147
Germany	1 391	1 391
Hungary	302	302
Ireland	68	68
Luxembourg	64	64
Malta	63	63
Netherlands	342	342
Portugal	20	20
Romania	299	299
Slovakia	389	389
Slovenia	1 383	1 383
Spain	1 113	1 113
Sweden	30	30
Total	*6 501*	*6 501*

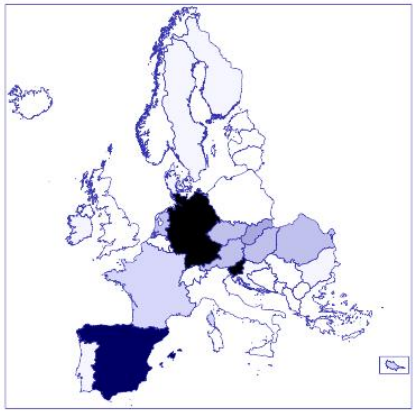

Figure 207: Number of results on 'Nitrate' (No.140 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

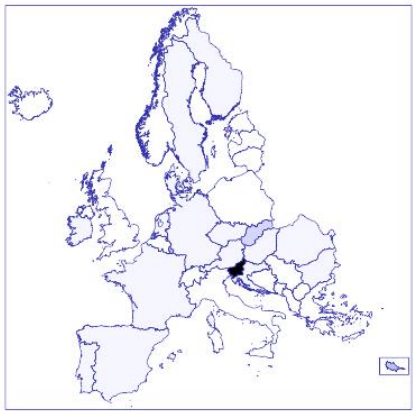

Figure 208: Number of results on 'Nitrate' (No.140 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 212: Frequency of reporting on 'Nitrate' (No.140 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	10	10
Vegetables and vegetable products (including fungi) (A.02)	4 356	4 356
Starchy roots and tubers (A.03)	414	414
Legumes, nuts and oilseeds (A.04)	261	261
Fruit and fruit products (A.05)	67	67
Meat and meat products (including edible offal) (A.06)	374	374
Milk and dairy products (A.08)	16	16
Sugar and confectionary (A.10)	4	4
Fruit and vegetable juices (A.12)	12	12
Non-alcoholic beverages (excepting milk based beverages) (A.13)	8	8
Alcoholic beverages (A.14)	4	4
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	459	459
Herbs, spices and condiments (A.16)	35	35
Food for infants and small children (A.17)	399	399
Products for special nutritional use (A.18)	2	2
Composite food (including frozen products) (A.19)	75	75
Snacks, desserts and other foods (A.20)	4	4
Other foods (foods which cannot be included in any other group) (A.20.03)	1	1
Total	*6 501*	*6 501*

Phosphorus and derivatives (No.142 - Level 2 in Table 1)

Table 213: Frequency of reporting on 'Phosphorus and derivatives' (No.142 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Total	*110*	*110*

Figure 209: Number of results on 'Phosphorus and derivatives' (No.142 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

Figure 210: Number of results on 'Phosphorus and derivatives' (No.142 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 214: Frequency of reporting on 'Phosphorus and derivatives' (No.142 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	15	15
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	5	5
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	1	1
Food for infants and small children (A.17)	3	3
Snacks, desserts and other foods (A.20)	3	3
Total	*110*	*110*

Potassium and derivatives (No.143 - Level 2 in Table 1)

Table 215: Frequency of reporting on 'Potassium and derivatives' (No.143 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	390	388
Total	*500*	*498*

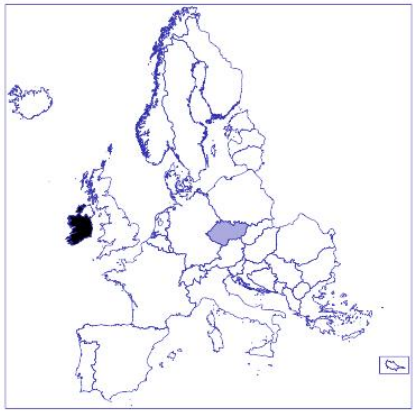

Figure 211: Number of results on 'Potassium and derivatives' (No.143 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

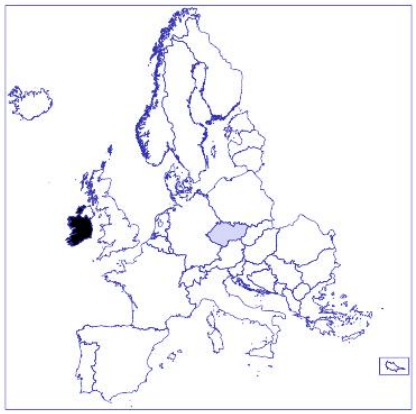

Figure 212: Number of results on 'Potassium and derivatives' (No.143 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 216: Frequency of reporting on 'Potassium and derivatives' (No.143 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	181	181
Vegetables and vegetable products (including fungi) (A.02)	23	23
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	3	3
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	33	33
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	8	8
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	4	4
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	3	3
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	2	2
Herbs, spices and condiments (A.16)	27	25
Food for infants and small children (A.17)	30	30
Products for special nutritional use (A.18)	13	13
Composite food (including frozen products) (A.19)	64	64
Snacks, desserts and other foods (A.20)	76	76
Total	*500*	*498*

Selenium and derivatives (No.145 - Level 2 in Table 1)

Table 217: Frequency of reporting on 'Selenium and derivatives' (No.145 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	517	517
Denmark	5	5
Ireland	376	370
Norway	32	32
Portugal	29	29
Total	*959*	*953*

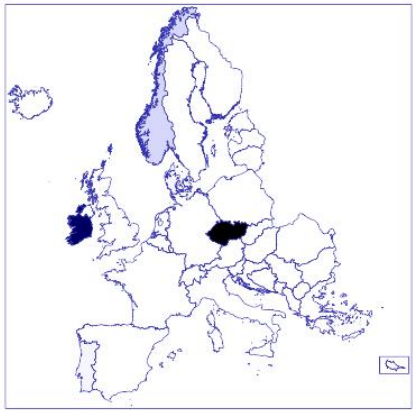

Figure 213: Number of results on 'Selenium and derivatives' (No.145 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

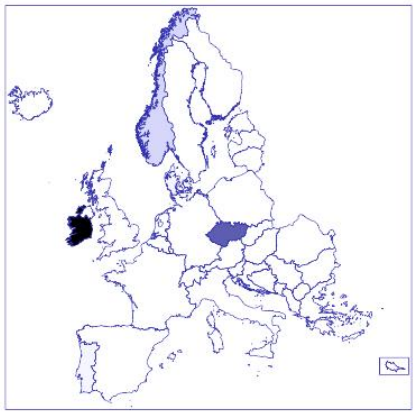

Figure 214: Number of results on 'Selenium and derivatives' (No.145 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 218: Frequency of reporting on 'Selenium and derivatives' (No.145 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	82	82
Vegetables and vegetable products (including fungi) (A.02)	122	122
Starchy roots and tubers (A.03)	12	12
Legumes, nuts and oilseeds (A.04)	8	8
Fruit and fruit products (A.05)	40	40
Meat and meat products (including edible offal) (A.06)	103	103
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	101	101
Milk and dairy products (A.08)	52	52
Eggs and egg products (A.09)	8	8
Sugar and confectionary (A.10)	12	12
Animal and vegetable fats and oils (A.11)	13	13
Non-alcoholic beverages (excepting milk based beverages) (A.13)	10	10
Alcoholic beverages (A.14)	4	4
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	142	142
Herbs, spices and condiments (A.16)	30	30
Food for infants and small children (A.17)	35	35
Products for special nutritional use (A.18)	65	59
Composite food (including frozen products) (A.19)	13	13
Snacks, desserts and other foods (A.20)	23	23
Cereal grains, their products and by-products (G.01)	1	1
COMPOUND FEED (G.14)	83	83
Total	*959*	*953*

Silver and derivatives (No.147 - Level 2 in Table 1)

Table 219: Frequency of reporting on 'Silver and derivatives' (No.147 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Norway	32	32
Total	*32*	*32*

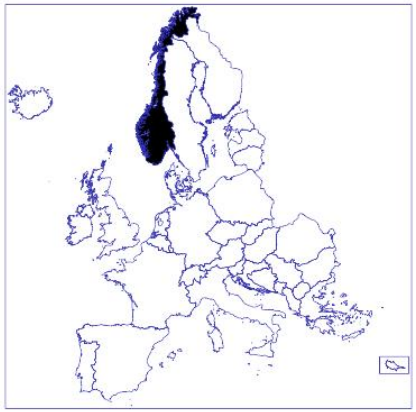

Figure 215: Number of results on 'Silver and derivatives' (No.147 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

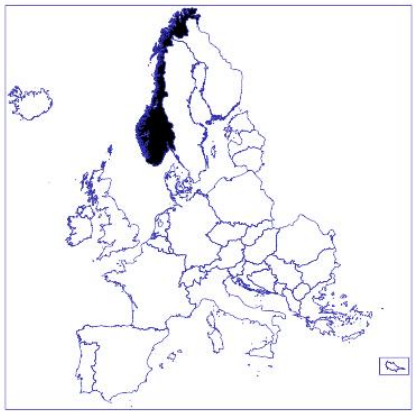

Figure 216: Number of results on 'Silver and derivatives' (No.147 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 220: Frequency of reporting on 'Silver and derivatives' (No.147 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	32	32
Total	*32*	*32*

Sodium derivatives (No.148 - Level 2 in Table 1)

Table 221: Frequency of reporting on 'Sodium derivatives' (No.148 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	528	526
Total	*638*	*636*

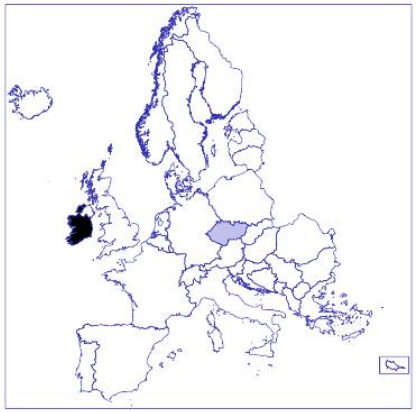

Figure 217: Number of results on 'Sodium derivatives' (No.148 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

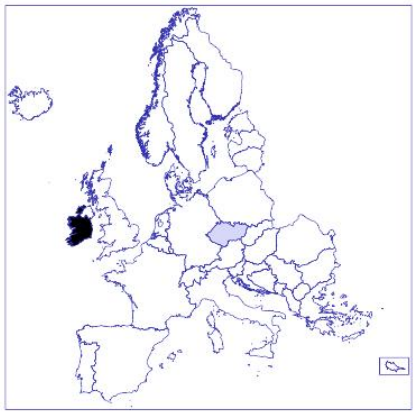

Figure 218: Number of results on 'Sodium derivatives' (No.148 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 222: Frequency of reporting on 'Sodium derivatives' (No.148 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	181	181
Vegetables and vegetable products (including fungi) (A.02)	23	23
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	3	3
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	33	33
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	8	8
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	4	4
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	3	3
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	128	128
Herbs, spices and condiments (A.16)	27	25
Food for infants and small children (A.17)	30	30
Products for special nutritional use (A.18)	13	13
Composite food (including frozen products) (A.19)	64	64
Snacks, desserts and other foods (A.20)	86	86
Total	*638*	*636*

Sulphur and derivatives (No.150 - Level 2 in Table 1)

Table 223: Frequency of reporting on 'Sulphur and derivatives' (No.150 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Luxembourg	97	97
Spain	18	18
Total	*115*	*115*

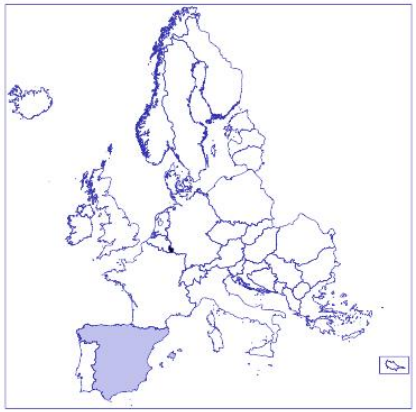

Figure 219: Number of results on 'Sulphur and derivatives' (No.150 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

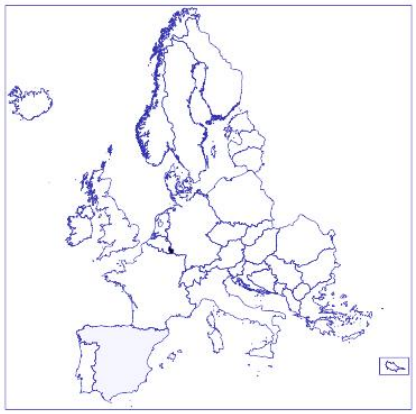

Figure 220: Number of results on 'Sulphur and derivatives' (No.150 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 224: Frequency of reporting on 'Sulphur and derivatives' (No.150 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	12	12
Vegetables and vegetable products (including fungi) (A.02)	1	1
Starchy roots and tubers (A.03)	6	6
Fruit and fruit products (A.05)	28	28
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	15	15
Fruit and vegetable juices (A.12)	1	1
Non-alcoholic beverages (excepting milk based beverages) (A.13)	2	2
Alcoholic beverages (A.14)	24	24
Herbs, spices and condiments (A.16)	15	15
Composite food (including frozen products) (A.19)	11	11
Total	*115*	*115*

Tin and derivatives (No.152 - Level 2 in Table 1)

Table 225: Frequency of reporting on 'Tin and derivatives' (No.152 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	18	18
Croatia	66	66
Czech Republic	34	34
Cyprus	7	7
Denmark	8	8
Finland	89	89
Ireland	78	78
Malta	42	42
Norway	16	16
Romania	64	64
Slovenia	25	25
Spain	78	78
Total	*525*	*525*

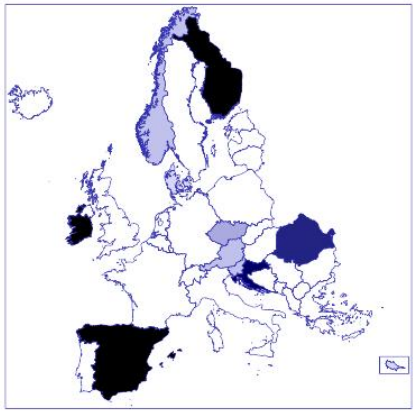

Figure 221: Number of results on 'Tin and derivatives' (No.152 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

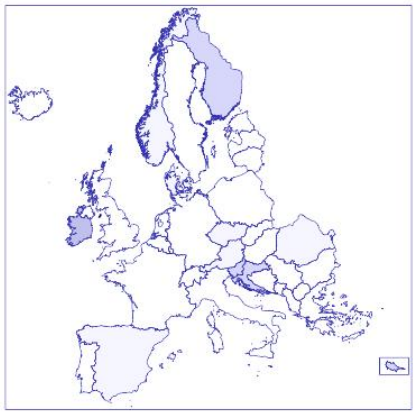

Figure 222: Number of results on 'Tin and derivatives' (No.152 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 226: Frequency of reporting on 'Tin and derivatives' (No.152 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	14	14
Vegetables and vegetable products (including fungi) (A.02)	87	87
Starchy roots and tubers (A.03)	1	1
Legumes, nuts and oilseeds (A.04)	25	25
Fruit and fruit products (A.05)	154	154
Meat and meat products (including edible offal) (A.06)	5	5
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	81	81
Animal and vegetable fats and oils (A.11)	8	8
Fruit and vegetable juices (A.12)	4	4
Non-alcoholic beverages (excepting milk based beverages) (A.13)	12	12
Alcoholic beverages (A.14)	1	1
Herbs, spices and condiments (A.16)	1	1
Food for infants and small children (A.17)	94	94
Products for special nutritional use (A.18)	7	7
Composite food (including frozen products) (A.19)	15	15
Snacks, desserts and other foods (A.20)	1	1
Miscellaneous (G.13)	1	1
COMPOUND FEED (G.14)	14	14
Total	*525*	*525*

Organic tin (No.153 - Level 3 in Table 1)

Table 227: Frequency of reporting on 'Organic tin' (No.153 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Norway	16	16
Total	*16*	*16*

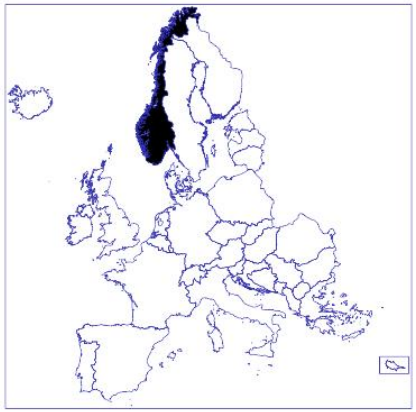

Figure 223: Number of results on 'Organic tin' (No.153 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

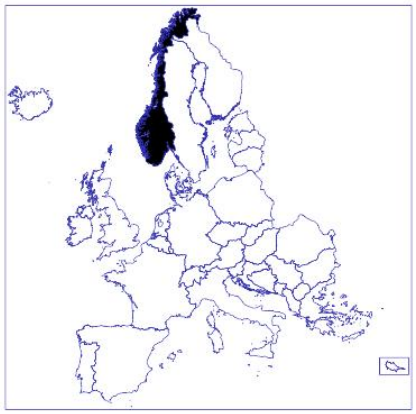

Figure 224: Number of results on 'Organic tin' (No.153 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 228: Frequency of reporting on 'Organic tin' (No.153 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	16	16
Total	*16*	*16*

Inorganic tin (No.154 - Level 3 in Table 1)

Table 229: Frequency of reporting on 'Inorganic tin' (No.154 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Croatia	28	28
Total	*28*	*28*

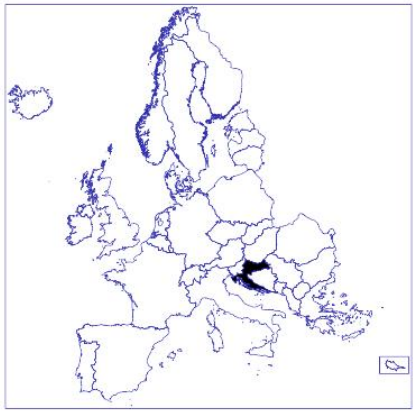

Figure 225: Number of results on 'Inorganic tin' (No.154 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

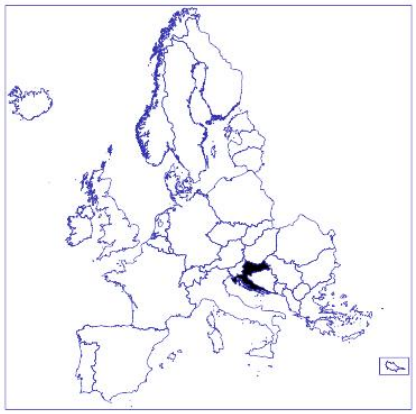

Figure 226: Number of results on 'Inorganic tin' (No.154 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 230: Frequency of reporting on 'Inorganic tin' (No.154 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	1	1
Vegetables and vegetable products (including fungi) (A.02)	10	10
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	14	14
Miscellaneous (G.13)	1	1
Total	*28*	*28*

Tin (Sn) (Total) (No.155 - Level 3 in Table 1)

Table 231: Frequency of reporting on 'Tin (Sn) (Total)' (No.155 - Level 3 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Austria	18	18
Croatia	38	38
Cyprus	7	7
Czech Republic	34	34
Denmark	8	8
Finland	89	89
Ireland	78	78
Malta	42	42
Romania	64	64
Slovenia	25	25
Spain	78	78
Total	*481*	*481*

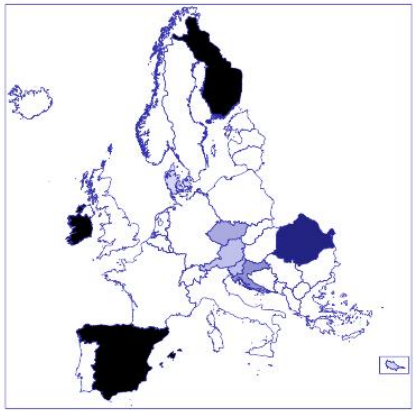

Figure 227: Number of results on 'Tin (Sn) (Total)' (No.155 - Level 3 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

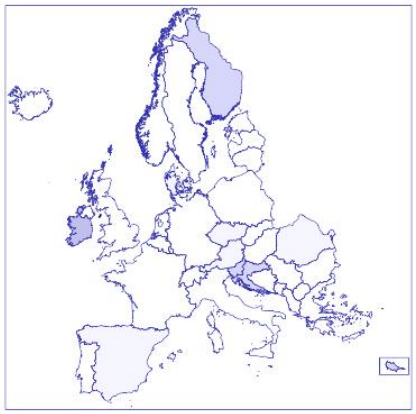

Figure 228: Number of results on 'Tin (Sn) (Total)' (No.155 - Level 3 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 232: Frequency of reporting on 'Tin (Sn) (Total)' (No.155 - Level 3 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	13	13
Vegetables and vegetable products (including fungi) (A.02)	77	77
Starchy roots and tubers (A.03)	1	1
Legumes, nuts and oilseeds (A.04)	23	23
Fruit and fruit products (A.05)	140	140
Meat and meat products (including edible offal) (A.06)	5	5
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	65	65
Animal and vegetable fats and oils (A.11)	8	8
Fruit and vegetable juices (A.12)	4	4
Non-alcoholic beverages (excepting milk based beverages) (A.13)	12	12
Alcoholic beverages (A.14)	1	1
Herbs, spices and condiments (A.16)	1	1
Food for infants and small children (A.17)	94	94
Products for special nutritional use (A.18)	7	7
Composite food (including frozen products) (A.19)	15	15
Snacks, desserts and other foods (A.20)	1	1
COMPOUND FEED (G.14)	14	14
Total	*481*	*481*

Zinc and derivatives (No.161 - Level 2 in Table 1)

Table 233: Frequency of reporting on 'Zinc and derivatives' (No.161 - Level 2 in Table 1) per country in 2014.

Country	Number of analytical results	Number of samples reported
Czech Republic	110	110
Ireland	132	132
Norway	32	32
Portugal	82	82
Total	*356*	*356*

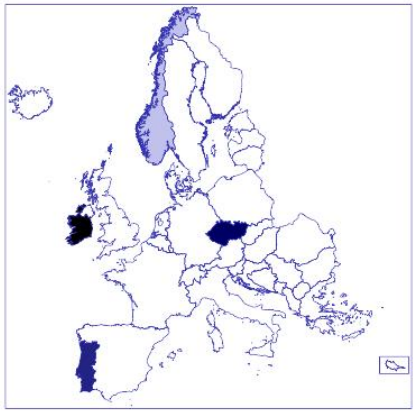

Figure 229: Number of results on 'Zinc and derivatives' (No.161 - Level 2 in Table 1) reported in Europe – colour scale proportional to the number of reported data.

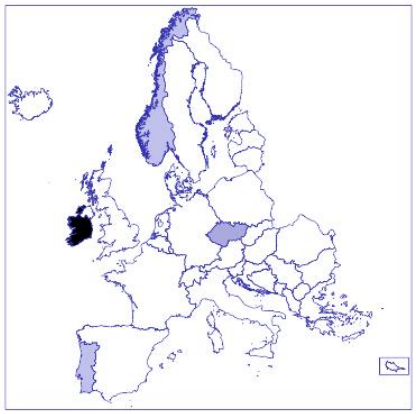

Figure 230: Number of results on 'Zinc and derivatives' (No.161 - Level 2 in Table 1) reported in Europe (by 10 million inhabitants) – colour scale proportional to the number of reported data normalised by the country population.

Table 234: Frequency of reporting on 'Zinc and derivatives' (No.161 - Level 2 in Table 1) per FoodEx1 group in 2014.

FoodEx1 group	Number of analytical results	Number of samples reported
Grains and grain-based products (A.01)	35	35
Vegetables and vegetable products (including fungi) (A.02)	21	21
Starchy roots and tubers (A.03)	3	3
Legumes, nuts and oilseeds (A.04)	2	2
Fruit and fruit products (A.05)	10	10
Meat and meat products (including edible offal) (A.06)	24	24
Fish and other seafood (including amphibians, reptiles, snails and insects) (A.07)	37	37
Milk and dairy products (A.08)	13	13
Eggs and egg products (A.09)	2	2
Sugar and confectionary (A.10)	3	3
Animal and vegetable fats and oils (A.11)	3	3
Non-alcoholic beverages (excepting milk based beverages) (A.13)	4	4
Alcoholic beverages (A.14)	1	1
Drinking water (water without any additives except carbon dioxide; includes water ice for consumption) (A.15)	130	130
Food for infants and small children (A.17)	3	3
Composite food (including frozen products) (A.19)	2	2
Snacks, desserts and other foods (A.20)	3	3
Cereal grains, their products and by-products (G.01)	1	1
COMPOUND FEED (G.14)	59	59
Total	*356*	*356*

Conclusions

In the framework of the annual collection of analytical results on chemical contaminants in food and feed, to support EFSA's work in the area of contaminants, a qualitative analysis of the data from sampling year 2013 (2014 data collection) was carried out with focus on the number of results reported by substance, country of the data provider and FoodEx1 food group.

Overall, almost half million (465 754) analytical results were submitted from European data providers to EFSA. The analyses were performed on 106 809 samples by different European organisations.

The organisations who submitted data to EFSA included academic, governmental and commercial organisations; governmental organisations accounted for more than 98 % of the data submitted.

The effort of the data providers is reflected in the data collection: almost 80% of the data were submitted by October 2014. Approximately 88 % of the data were fully compliant with the Standard Sample Description (SSD) reporting format - 8.5% were provided in SSD simplified format and 3.7 % of the data were submitted in non-SSD format.

EFSA will make available statistics for different countries on the reported frequency of contaminants in food and feed in the newly developed data warehouse. In the future, tables and maps like the ones included in this report will therefore be available also through the data warehouse.

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Glossary and Abbreviations

Eurostat	Statistical office of the European Union
PARAMCODE	SSD Code identifying the substance analysed
POPs	Persistent organic pollutants
RGB	Additive colour model based on the components red (R), green (G) and blue (B). In the model used here, the values for each of the components vary between 0 and 255 as usual in computer applications
SAMPY	Sampling year, the year when the sample was collected for analyses
SSD	Standard sample description