



# **State Veterinary Administration of the Czech Republic**

## **Information Bulletin 1/2008**

**Contamination  
of Food Chain by Residues  
- Situation 2007**



# State Veterinary Administration of the Czech Republic

Information Bulletin No. 1/2008

Contamination of Food Chain by residues and contaminants – Situation in the Year 2007

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Based on data from the SVA CR Information System

March 2008

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## 1. Introduction

The report on contamination of food chain for the year 2007 presents results and evaluates the situation of residues and contaminants in feedingstuffs, live animals on farms, raw materials and foodstuffs of animal origin. The results are processed into tables and diagrams, with short comments to residue and contaminant levels in particular sample types. The results are of regular **monitoring** of residues and contaminants carried out in accordance with Council Directives 96/23/EC and 96/22/EC and Commission Decisions 97/747/EC and 98/179/EC which are transposed in the Decree of the Ministry of Agriculture of the Czech Republic No. 291/2003 concerning the prohibition on the administration of certain substances to animals products of which are intended for human consumption, and the monitoring in animals and animal products of unauthorised substances, residues and contaminants which may render animal products harmful to human health, as amended. The monitoring plan for a calendar year and results for the previous year are submitted to the EU Commission for approval annually, by 31 March at the latest.

Results of examinations of suspicious samples (targeted examinations) and repeated examinations are presented in the report for certain sample types as well. Such examinations are carried out as a consequence of non-compliant findings in samples analysed within the monitoring or they are targeted for verification of certain situation or suspicion on possible presence of residues of drugs or illegal treatment. Such examinations and evaluation of the results in relation to the limits laid down in relevant legislation as well as retrieval of the data to the central database are included in the system of state supervision on production of safe food and feed carried out by the State Veterinary Administration of the Czech Republic (SVA CR).

When laboratory tests reveal non-compliant levels of any of the analyses monitored, veterinary administration bodies act to prevent further spread of harmful substances in food chain by means of appropriate measures, including seizure (confiscation) of raw materials or foodstuffs sampled.

Samples intended for laboratory examination are always taken by veterinary inspectors in charge. Taking of samples from live animals or related feedingstuffs and water used for watering farm animals on the farm is **targeted** to detection of use of unauthorized substances and residues thereof. The targeted sampling of suspect batches of goods or animals is carried out on the basis of available information on possible illegal treatment or in suspicion on the presence of residues of veterinary medicinal products (VMP) or pesticides. **Random sampling** is used for the contaminants (e.g. chemical elements, industrial contaminants) in raw materials and foodstuffs of animal origin.

Numbers of samples planned for chemical analyses are based on the number of slaughter animals slaughtered in the previous year, the volume of production of milk, eggs and honey, number and type of food manufacturers and of other plants that handle animal products and are under veterinary supervision. They are the official samples and analyses of them are paid from the budget of the SVA CR.

Results of analyses of feedingstuffs, raw materials and foodstuffs of animal origin were assessed according to the legislation in force at the time of sampling, i.e. the decrees in force to the Act No. 110/1997 concerning foodstuffs and tobacco products and amending and supplementing certain related laws, as amended by the later legislation concerning maximum residue levels (MRLs), maximum permissible levels (MPLs) and permissible levels (PLs), i.e. generally "**hygiene limits**", but also according to relevant Commission regulations, in particular Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs (in force from 1 March 2007) and Regulation of the European Parliament and of the Council (EEC) No 2377/1990 laying down a Community procedure for the establishment of maximum residue limits of veterinary medicinal products in foodstuffs of animal origin.

Feedingstuffs are covered by Act No. 91/1996 on feedingstuffs, as amended, and by implementing Decree No. 451/2000, as amended.

In the year 2007, foodstuffs and raw materials of animal origin were assessed with respect to levels of residues and contaminants according to Decree No. 304/2004 laying down types and conditions for use of additives and supplements at the manufacture of foodstuffs, Decree No. 305/2004 laying down types of contaminants and toxicologically important substances and their permissible levels in foodstuffs (with references to relevant Commission regulations), Decree No. 273/2000 laying down maximum permissible levels in foodstuffs and food raw materials of residues of veterinary drugs and biologically active substances used in livestock production, as amended, and Decree No. 158/2004 laying down by maximum permissible levels of residues of particular types of pesticides in foodstuffs and food raw materials, as amended.

Levels of dioxins in feedingstuffs were assessed according to Decree No. 84/2006 amending Decree No. 451/2000 implementing Act No. 91/1996 on feedingstuffs, as amended. Levels of dioxins in raw materials and foodstuffs of animal origin were assessed according to Commission Regulation (EC) No 1881/2006 setting maximum levels for certain contaminants in foodstuffs.

Levels of monitored substances in water used for watering farm animals were assessed according to Decree No. 252/2004 laying down hygiene requirements for potable water and warm water and frequency and scope of checks on potable water.

Samples were analysed in laboratories of State Veterinary Institutes (hereinafter referred to only as SVIs) in Prague, Jihlava and Olomouc and, furthermore, in the Institute for the State Control of Veterinary Biologicals and Medicaments in Brno. Chemical and toxicological laboratories of the SVIs are **accredited** by the Czech Accreditation Institute (CAI), they take part in testing of control samples regularly and use validated laboratory methods. Analyses of samples for dioxins were carried out in the SVI in Prague.

Results of examination of animal tissues and body parts (of both farm and wild animals), foodstuffs and raw materials of animal (and plant) origin, feedingstuffs, water used for watering farm animals and other samples analysed for chemical elements, residues of veterinary medicinal products, residues of pesticides, industrial pollutants, mycotoxins, food additives, etc., are kept in the CLX database which is created by laboratory software of participating laboratories. The data are retrieved monthly for central processing in the **SVA CR Information Centre in Liberec** using internal communication network of the SVA CR.

The publication presented contains **data for the year 2007**, as well as certain diagrams demonstrating trends in average levels of residues and contaminants, mostly since the year 1990. **In total, 67 308 analyses** were carried out within a monitoring of residues and contaminants in the year 2007, 63 949 of which were carried out as planned sampling, 2 571 as targeted examinations of suspected samples and 788 examinations as analyses of samples of imported commodities. The total percentage of **non-compliant findings was 0.18 %**, which percentage is slightly above those in the year 2006 (0.15 %).

During reading of a whole text of this report, it is necessary to pay attention to a distinction between compliance/non-compliance with the "hygiene limit"(MRL, MPL), as laid down by the relevant legislation in force, and exceeding/non-exceeding so called "action/work limit", i.e. level used currently (after the accession of the Czech Republic to the EU when certain hygiene limits ceased to apply) as an orientation value for long-term monitoring. Heavy metals are concerned in particular and such limits are in tables highlighted using asterisks (\*).

Data are in particular processed into tables and the following terms (with abbreviations) are used:

<b>n</b>	number of analyses,
<b>posit.</b>	number of positive results (exceeding detection limit of given method),
<b>%pos.</b>	percentage rate of positive results,
<b>n+</b>	number of non-compliant results exceeding hygiene limit in force,
<b>%+</b>	percentage rate of non-compliant results,
<b>median</b>	middle value of the result complex (this value is expressed as n. d. = not detected when less than one half of results is positive),
<b>mean</b>	arithmetic mean of the result complex (for samples with results below detection limit, one half of the detection limit is counted in the mean; in the case of qualitative results an abbreviation "qual." is used instead of a figure),
<b>10% quantile</b>	minimum value after exclusion of distant results (this value was expressed as n. d. = not detected when less than 90 % of results are positive),
<b>90% quantile</b>	maximum value after exclusion of distant results (this value is expressed as n. d. = not detected when less than 10 % of results are positive),
<b>maximum</b>	maximum value of the result complex.

The second part of tables presents the distribution of results with respect to the hygiene limit (expressed in %).

Time series from several years which enable the construction of diagrams and the expression of trends in content of particular harmful substances in specific types of foodstuffs or feedingstuffs are formed by regular sampling for specified range of analyses. Presented maps of sampling sites are based on the localization using cadastral territories or basic residential units.

Table	Structure of database CLX	page 19
Table	2006 Residues monitoring – total survey according to commodities and types of sampling	page 20
Table	2007 Residues monitoring – total survey according to commodities and types of sampling	page 21

## 2. Animal feed

Examination of feed materials and compound feedingstuffs for the content of chemical elements, residues of pesticides, unauthorized veterinary drugs, presence of mycotoxins and, if appropriate, coccidiostats in animal feed for the final stage of fattening forms a part of checks on health safety within veterinary hygiene supervision. Animal feed containing levels of contaminants and residues that exceed permissible levels may present an important source of potential health risk from raw materials and foodstuffs of animal origin. So the veterinary supervision focuses on such animal feedingstuffs and feed materials that form an important part of feed ration of certain species and categories of slaughter animals or may, on the basis of experience gained during the previous years, present a source of contamination.

### 2.1. Feed materials of animal origin (products of rendering plants, imported fish meals)

Examination of raw feed materials and feedingstuffs of animal origin (for instance meat-bone meals, etc.) for presence of contaminants was almost finished. The reason for the finishing is prohibition of feeding them to farm animals intended for production of foodstuffs. Although the production of those feedingstuffs continues, they are intended only for pet consumption. Our monitoring was therefore focused on fish meals which are dealt in

territory of the European Union or imported from Southern American region (Peru) and also rendering fats where levels of "dioxins" (polychlorinated dibenzo – p – dioxins and polychlorinated dibenzofurans /PCDD/PCDFs/) and "dioxin-like" PCBs (PCBs with dioxin effect /DL-PCBs/) and PCDD/F-PCB sums in animal population are monitored.

No unsatisfactory concentrations of dioxins and DL-PBCs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO) were detected in samples of rendering fats from national production. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners mono-ortho (DL-PCBs) and non-ortho PCBs.

All samples of fish meals (of foreign origin) met specified limits of monitored residues of chlorinated pesticides, PCBs and toxaphen. No unsatisfactory lots of imported fish meals also from point of view of content of chemical elements (heavy metals) were detected, except for one sample containing arsenic: 17.7 mg/kg. When limit of arsenic (As) exceeds 15 mg/kg, it shall be shown that level of anorganic As is lower than 2 mg/kg. Repeated examination for total As showed that following consignments met the limit requested. Limits for dioxins and sums of dioxins and DL-PCBs were not exceeded. Measured levels did not reach 50 % of acceptable concentrations. From this point of view, the quality of fish meals is quite satisfactory.

Map	Sampling of raw feed materials of animal origin	page 22
Table	Results of raw feed materials of animal origin (2 sheets)	pages 23-24
Table	Results of fish meals (2 sheets)	pages 25-26

## 2.2. Complete and additional feedingstuffs

In several cases, additives, coccidiostats monensin, narazin, lasalocid and nicarbazine were detected in samples of complete feedingstuffs. It concerns additional substances which are not authorized in feedingstuffs for laying hens or they must not occur in compound feedingstuffs intended for final phase of fattening. Many repeated and targeted examinations were carried out and rectification measures, in particular thorough cleaning of feed containers and feed ways, were ordered in relevant holdings. Examination of compound feedingstuffs was connected also with detection of residues in eggs. In four cases, levels of residues of pyrimiphosmethyl (organic phosphorus insecticide) exceeding the action limit were detected. The residues were repeatedly detected in compound feedingstuff for piglets. Manufacturer of the compound feedingstuff was warned about these findings and exchange of this contaminated feedingstuff for satisfying one was ordered. Residues of veterinary medicinal preparations (unauthorized medication) were not detected. Residues of unauthorized substances and of other veterinary medicinal preparations were not detected. Specified permissible limits of pesticide residues and PCB, but also levels of chemical elements were not exceeded in any sample. Limits of mycotoxins were not even exceeded in any sample. Levels of detected harmful substances fell into an interval below 50 % of specified permissible limits, with one exception (DDT sum).

Map	Sampling of mixed feeds	page 27
Table	Results of analyses of mixed feeds (3 sheets)	pages 28-30
Diagram	Average content of contaminants in mixed feeds (1991(2)-2007)	page 31

## 2.3. Water used for watering animals

Examination of water used for watering for animals is a part of checking whether the animals do not obtain harmful substances in such a way or whether unauthorized medicinal products or anabolic substances are not administered by means of water. However, such examination is carried out only in the case of justified suspicion or within targeted tracing of positive findings in farm animals or by random sampling. In 2007, no need of request of such examinations occurs, except for one case, when chloramphenicol (the medicinal drug which use is prohibited in animals intended for food production) was detected in meat of broiler chickens. Despite of serious suspicion, no administration of this drug was unequivocally proved by analyses of samples of water used for watering of those broilers. In several cases, sporadic results of examination of water used for watering farm animals showed level of nitrates exceeding the limit in samples of water from own on-farm wells.

### 3. Foodstuffs of animal origin

Samples of raw materials and foodstuffs for detection of residues and contaminants were taken directly on farms, furthermore in manufacturers, processors, or perhaps in distributors. Analysed samples of foodstuffs of animal origin did not come from market network although many of final products were sampled from commercial packages. Raw milk samples were taken on farms from collection tanks, eggs in sorting and packing centres, honey was sampled in collection centres or at honey processing plants.

#### 3.1. Milk and milk products

Within the monitoring, pooled samples of raw cow milk were taken on farms; raw milk of sheep and goats was sampled only in areas where more numerous populations of sheep or goats were bred. Samples of milk products came directly from production plants.

##### 3.1.1. Raw cow milk

Examination of samples of raw cow milk did not revealed levels of chemical elements, chlorinated pesticides, organic phosphorus insecticides, polychlorinated biphenyls (PCBs) and mycotoxins (aflatoxin M1) exceeding the limits. Excluding one sample with content of PCBs in an interval below 75 % of the hygienic limit, all concentration of contaminants were in an interval below 50 % of the hygiene limits. No residues of unauthorized veterinary drugs were detected. Neither residues of chloramphenicol (prohibited medicament for food animals) nor mycotoxins were proved by targeted examination. Contents of dioxins and dioxin sum were also under 50 % of maximal limits (3.0 pg/g of fat WHO-PCDD/F-TEQ and 6.0 pg/g of fat WHO-PCDD/F-PCB-TEQ). Results of examination for presence of harmful substances are more favourable as compared with last year (PCB contents of 3 samples fell into an interval under 75 % of the hygiene limits).

Map	Sampling of raw cow milk	page 32
Table	Raw cow milk (3 sheets)	pages 33-35

##### 3.1.2. Raw milk of sheep and goats

No levels of monitored chemical elements, pesticide residues and polychlorinated biphenyls (PCBs) exceeding the limits were detected in samples of raw milk of sheep and goats. All concentrations detected fell into an interval under 50 % of the hygiene limits. Residues of veterinary drugs, unauthorized medicinal preparations, organic phosphorus insecticides and aflatoxin M1 were not found at measurable concentrations. This favourable finding is the same as this one in last year.

Map	Sampling of raw sheep milk	page 36
Table	Raw sheep milk (2 sheets)	pages 37-38
Map	Sampling of goat raw milk	page 39
Table	Raw goat milk (2 sheets)	pages 40-41

##### 3.1.3. Milk, cream and fresh butter

No levels of chlorinated pesticides, polychlorinated biphenyls (PCBs) and aflatoxin M1 exceeding the limits were detected in samples of milk, cream and fresh butter. All the levels fell into an interval under 50 % of the hygiene limits, except for 1 sample of medium-fat milk showing gamma-HCH (lindan) levels under 75 % of the hygiene limit. Levels of chemical elements complied with the hygiene limits. Isotopes of radioactive caesium were not detected in butter. No unsatisfactory levels of dioxins and DL-PCBs expressed in toxic equivalent units (after adjustment toxic equivalence factors WHO-TEF) of the World Health Organization (WHO) were detected in samples of butter. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Two samples fell into an interval 50 – 75 % of maximum limit value.

Map	Sampling of milk and cream	page 42
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Table	Milk and cream (2 sheets)	pages 43-44
Map	Sampling of fresh butter	page 45
Table	Fresh butter (2 sheets)	pages 46-47
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

### 3.1.4. Quark (curd cheese) and other milk products

No concentrations of any of monitored chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were found in the group of quarks (curd cheese) and other milk products (in particular fermented/acidified milk products) and skimmed-milk powder. No aflatoxin M1 was detected in samples of milk products. Isotopes of radioactive caesium were not detected in samples of skimmed-milk powder.

Map	Sampling of quark	page 49
Table	Quark	page 50
Map	Sampling of fermented milk products	page 51
Table	Fermented milk products	page 52
Map	Sampling of powdered milk products	page 53
Table	Powdered milk products	page 54
Map	Sampling of other milk products	page 55
Table	Other milk products	page 56

### 3.1.5. Hard cheese

No concentrations of chlorinated pesticides and polychlorinated biphenyls (PCBs) were found in hard cheese. Detected concentrations were under 50 % of specified limits. Not even unsatisfactory levels of chemical elements and radionuclides were detected.

Map	Sampling of hard cheese	page 57
Table	Hard cheese	page 58
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

### 3.1.6. Processed cheese, other cheese

All samples of processed cheese (and other cheese) complied with the hygiene limits. No levels of monitored harmful substances (chlorinated pesticides and PCBs) which exceeded the limits were found. All measured values were on the limit of detection abilities of analytical methods.

Map	Sampling of processed cheese	page 60
Table	Processed cheese	page 61
Map	Sampling of other cheese	page 62
Table	Processed other cheese	page 63
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59



Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48
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### 3.1.7. Infant and baby milk formulas

The examination was focused on infant and baby milk formulas containing animal products. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were found in such products. No aflatoxins in measurable concentrations were detected. No unauthorized preservation substances and colorants were detected. Measured contents of benzoic acid could originate either from natural contents of this substance in fruit ingredient of the product or from a natural emergence of this substance caused by fermentation of soured milk products.

Map	Sampling of infant and baby milk formulas	page 64
Table	Infant and baby milk formulas	page 65

### 3.2. Hen eggs and egg products

No levels of chlorinated pesticides exceeding the limits were found in consumption eggs from the national production sampled at egg sorting plants; residues of veterinary drugs and unauthorized medicinal substances (chloramphenicol, nitrofurans) were not found at measurable levels as well. Residues of additives (cocciostats) were detected in five cases overall. This state was confirmed by repeated and targeted analyses. It was the additive which is unauthorized for laying hens – nicarbazine. Contamination of compound feedingstuffs for laying hens with this cocciostat is caused by means of cross contamination in manufacturing plant of feedingstuffs where this substance, which is authorized for other categories of poultry, is applied to compound feedingstuffs for these categories. From a toxicological point of view, this content of nicarbazine was not capable to endanger a health of a consumer. Contents of nicarbazine were in lower or at the most in the same levels than the limit which was recommended for chicken liver by the Codex Alimentarius. Nevertheless, in one case, the eggs were used for a production of egg products where they were multiply diluted. It is hardly worked at an improvement of the state in co-work with the Central Institute for Supervising and Testing in Agriculture (CISTA) and feedingstuff manufacturers.

Unsatisfactory concentrations of dioxins and DL-PBCs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of them were not detected in samples of eggs. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Results of dioxin sum and DL-PCB sum (PCDD/F-PCBs) of two egg samples fell into an interval 50 – 75 % of limit value.

No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were found in samples of egg products. Results of examination of all samples fell into an interval below 50 % of the hygiene limits. Non-complied samples were not found also by a targeted examination.

Map	Sampling of hen eggs	page 66
Table	Hen eggs (2 sheets)	pages 67-68
Map	Sampling of egg products	page 69
Table	Egg products	page 70

### 3.3. Quail eggs

No levels of chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding 50 % of the hygiene limits were found in quail eggs; all samples complied. No residues of veterinary drugs including unauthorized medicinal substances were also detected in measurable concentrations. However, residues of narazin and nicarbazine were detected in one case. Both cocciostats were detected also in feedingstuffs. More than 6 000 of quail eggs were destroyed.

Map	Sampling of quail eggs	page 71
Table	Quail eggs (2 sheets)	pages 72-73

### 3.4. Meat products and canned meat

Levels of residues and contaminants in group of meat products and poultry meat products reflect their concentrations both in initial raw materials and in other technological raw materials used during manufacture.

#### 3.4.1. Meat products and poultry meat products

Levels of chemical elements and residues of chlorinated pesticides in any examined sample of meat products from red meat (beef, pork) and meat products from poultry meat did not exceeded specified hygiene limits. Results of majority of examinations fell into an interval below 50 % of the hygiene limits. In two cases (from 118 samples examined), the cadmium levels fell into an interval between 50–75 % of the hygiene limit. One sample with high level of gamma-HCH (lindan) and one sample with high level of PCB sum (from 122 samples examined) fell into the same interval.

Map	Sampling of meat products	page 74
Table	Meat products	page 75
Map	Sampling of poultry meat products	page 76
Table	Poultry meat products	page 77
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

#### 3.4.2. Canned meat and canned poultry meat

No concentrations of chemical elements, organic chlorine compounds and preservatives exceeding the limits were detected in all samples of canned meat and canned poultry meat. All values fell into an interval below 50 % of hygiene limits.

Map	Sampling of canned meat	page 78
Table	Canned meat	page 79
Map	Sampling of canned poultry meat	page 80
Table	Canned poultry meat	page 81
Diagram	Average content of contaminants in canned meat (1991-2007)	page 82
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

### 3.5. Honey

Samples of honey from the national production intended for analyses of harmful substances were taken at honey collection centres or honey processing plants. No measurable levels of chlorinated pesticides, polychlorinated biphenyls (PCBs), insecticides, pyrethroids and veterinary drugs, including unauthorized medicinal substances (chloramphenicol, nitrofurans) were detected. It is the same favourable state as in last year and in previous years. Contents of chemical elements (heavy metals) were very low. All levels fell into an interval below 50 % of hygiene limits. No isotopes of radioactive caesium were measured in honey samples except for two samples with very low activity of caesium ( $^{137}\text{Cs}$ ).

Extraordinary check action combined with sampling of honey for laboratory examinations has been carried out from July to September. Overall 276 checks of honey producer and honey processors were carried out. The

checks were carried out in places of destination (supplies from other EU countries) – most often in places for storage or distribution centres. Furthermore, checks in honey processors – on the one hand directly in primary production (beekeepers) and in honey collection centres and also in honey manufacturers (honey processing plants). Checks of the products in market network were last link of the check action. Overall 25 faults were found. The faults found included also findings of residues of veterinary drugs (which are unauthorized for use in bee-colonies in the CR and in fact unauthorized within Regulation of the European Parliament and of the Council (EEC) No 2377/1990. They were two consignments of honey containing residues of sulfonamides (Slovakia, Poland) and one consignment containing residues of tylosin (Spain). Within the measures, overall 4 567 kg of honey were withdrawn from market and destroyed. Residues of tylosin in 20 794 kg of honey and residues of sulfonamides, high levels of hydroxymethylfurfural (HMF) and dirt in 24 572 kg of honey were reasons for sending the honey back.

Map	Sampling of honey	page 83
Table	Honey (2 sheets)	pages 84-85
Diagram	Average contents of contaminants in honey (1992-2007)	page 86

### 3.6. Seafood and freshwater fish products

Seafood and freshwater fish products are in particular marine fish imported for further processing (marinating, smoking, etc.) in the Czech Republic or as final products (fish preserves), as well as raw frozen fish and other marine animals (so called “seafood”).

No levels of chlorinated pesticides, toxaphen and polychlorinated biphenyls (PCBs) exceeding the limits were detected in marine fish and products including freshwater fish products. Non-compliant levels of biogenic amines (histamine) were not detected as well. DDT sum only was found in one sample and in another sample in intervals between 50 – 75 % and 75 – 100 % of hygiene limits, respectively. High value of dieldrin (in an interval between 75 – 100 % of the hygiene limit) was also detected. No unauthorized food colourings for given type of foodstuff were detected.

Table	Seafood and fish products	page 87
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## 4. Farm animals

Blood samples and urine samples (for detection of the use of unauthorized substances having a hormonal action) were taken from slaughter animals on farms; tissue samples for detection of contaminants and residues, including unauthorized substances having a hormonal or sedative action and growth promoters, were taken from slaughtered animals at slaughterhouses.

### 4.1 Bovine animals

#### 4.1.1. Calves

No levels of chlorinated pesticides, polychlorinated biphenyls (PCBs), residues of veterinary drugs including unauthorized medicinal substances exceeding the limits were detected in veal, liver and kidneys. Contents of chemical elements in veal, liver and kidneys were also deep under hygiene limits. Unauthorized hormonal substances were not detected either in urine of live calves in farm or in urine and fat of slaughtered calves. Those findings are the same as in last year.

Map	Sampling of calves	page 88
Table	Calves (3 sheets)	pages 89-91

#### 4.1.2. Young bovine animals under two years of age

Content of chemical element in muscle, liver and kidneys complied with hygiene limits in all samples. Measured values fell into an interval below 50 % of the hygiene limits. Only in two cases, content of cadmium exceeding the limit was measured in a kidney of young bovine animal in an interval 75-100 % of the hygienic limit. No presence of isotopes of radioactive caesium was measured in muscle except for two samples with very low activity of caesium ( $^{137}\text{Cs}$ ).

Content of chlorinated pesticides, polychlorinated biphenyls (PCBs) and residues of organic phosphorus insecticides complied with requested limits in all cases. No aflatoxins in measurable concentrations were detected in liver. No residues of veterinary drugs, unauthorized medicinal substances and hormonal substances were detected either in live animals or in tissues of slaughtered young bovine animals. Although a suspicion of residues of gentamycin (neomycin) had arisen from screening examination in one case, this suspicion was not confirmed by a confirmation examination. Serious finding which was confirmed repeatedly was in a herd of young breeding cattle (heifers) where residues of chloramphenicol (medicine drug which is prohibited for animals producing foodstuffs) were detected in urine of live animals. It was ordered within veterinary emergency measure that all 73 heads of housed bovine animals are under official supervision from point of view of movements of animals. Examination for content of chloramphenicol in urine shall be carried out at expenses of an animal keeper before every movement. The farm is under stricter supervision for a period 12 months.

No unsatisfactory concentrations of dioxins and DL-PCBs expressed in units of toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO) were detected in samples of muscle. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Results of dioxin sum and DL-PCB (PCDD/F-PCB) sum of one sample of muscle were below 50 % of the limit.

Map	Sampling of young bovine up to two years of age	page 92
Table	Young bovine up to two years of age (5 sheets)	pages 93-97
Diagram	Average content of contaminants in kidney of young bovine up to two years of age (1992-2007)	page 98
Diagram	Average content of contaminants in liver of young bovine up to two years of age (1990(1)-2007)	page 99
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

#### 4.1.3. Cows

No concentrations of chemical elements exceeding the limits were found in samples of muscle and liver of cows. Contents of cadmium exceeding the limits were detected in six samples of cow kidney from various localities. They were old (above 7-8 years) heads of cows. Targeted examination for contents of cadmium has been performed (from last period already or newly started) in four localities for founding of a cause of high content of cadmium in kidneys of cows. Examination of kidneys of cows of various age categories is carried out. Levels of other heavy metals complied with limits. All other monitored harmful substances from groups of veterinary drugs, unauthorized medicinal substances, chlorinated pesticides, PCBs and organic phosphorus insecticides complied with hygiene limits. Content of PCB which fell into an interval between 50-75 % of the hygienic limit was detected only in one sample of muscle. No residues of administration of unauthorized substances having a hormonal action were detected in tissues neither of live nor of slaughtered cows. No residues of unauthorized pharmacologically effective substances were detected also in blood samples. Detection of residues of chloramphenicol (veterinary drug prohibited for animals producing foodstuffs) in urine of one cow was a substantial finding. No residues were detected by repeated examination of urine and examination of milk.

No levels of radioactive caesium isotopes were not measured in muscle except for two samples with very low activity of caesium ( $^{137}\text{Cs}$ ).

Map	Sampling of cows	page 100
Table	Cows (5 sheets)	pages 101-105

## 4.2. Sheep and goats

Unsatisfactory concentrations of monitored harmful substances were detected neither in muscle, liver and kidney of slaughtered animals nor in urine of live animals. Only one sample of liver contained cadmium in level which fell into an interval between 75-100 % of the hygienic limits. Neither residues of other unauthorized substances having a hormonal action nor veterinary drugs and unauthorized medicines were detected in any sample examined.

Map	Sampling of sheep	page 106
Table	Sheep (4 sheets)	pages 107-110
Map	Sampling of goats	page 111
Table	Goats (2 sheets)	pages 112-113

## 4.3. Pigs

In total, residues of chloramphenicol, unauthorized veterinary drug for food producing animals, were detected in 5 samples of pig muscle from four different farms. No use of chloramphenicol was directly detected by in-spot enquiries, residues were detected by repeated examinations neither of other heads of live animals (examination of urine) nor in slaughtered animals. Rigorous checks of records of treatment, handling veterinary drugs in connection with farms under question, and examinations of samples of feedingstuffs were carried out and measures for preventing of repetition of such cases were taken. Emergency veterinary measures were taken, examination of slaughtered animals was ordered, regime of checks was tightened and sanctions were imposed.

One sample of pig muscle positive for tetracyclines was detected by screening method, residues below value of hygiene limit were confirmed by a confirmation method (it means that the sample complied with the limit). Residues of tetracyclines (group) were detected in one pig liver sample, at first by screening method, residues of dihydrostreptomycin exceeding the limit were confirmed as follows. Relevant measures were taken and sampling of pigs from the same pig breeding with already compliant results was carried out. It was a result of individual application where no protection limit was observed. Residues belonging to group of aminoglycosides were detected by screening method in one sample of kidney, another sample was suspected of tetracyclin residues. However, no residues exceeding the limits were detected by a confirmation method. Concentrations of 19-nortestosterone corresponding to boars or cryptorchids were detected in two samples of pig urine (from 64 samples tested in total). No an illegal use of an unauthorized substance, an incorrect sampling was therefore concerned.

All samples of pig meat which were examined within the monitoring met hygiene limits for chemical elements and chlorinated pesticides. PCB value which fell into an interval between 50 – 75 % of the hygiene limit was detected in one sample of meat (from 101 samples). Presence of isotopes of radioactive caesium was not measured in pig muscle.

Unsatisfactory concentrations of dioxins and DL-PBCs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO) were not detected in samples of muscle. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Results of dioxin and DL-PCB (PCDD/F-PCB) sum detected in two samples of muscle fell into an interval between 50 – 75 % of the hygiene limits. One value of dioxins (PCDD/Fs) tended to the 50 – 75 % of the limit.

Map	Sampling of pigs	page 114
Table	Pigs (5 sheets)	pages 115-119
Diagram	Average content of contaminants in kidney of pigs (1990(1)-2007)	page 120
Diagram	Average content of contaminants in liver of pigs (1990(1)-2007)	page 121
Diagram	Average content of DDT sum in foodstuffs and raw materials (1990-2007)	page 59
Diagram	Average content of PCB sum in foodstuffs and raw materials (1990-2007)	page 48

#### 4.4. Poultry

Samples of gallinaceous poultry and waterfowl were taken at poultry slaughterhouses at slaughter weight or directly on farms before planned time of slaughter.

##### 4.4.1. Gallinaceous poultry

No levels of monitored chemical elements, chlorinated pesticides, other pesticides, polychlorinated biphenyls (PCBs) and residues of drugs exceeding the limits were found in chicken broiler muscle samples. No measurable levels of mycotoxins were detected in liver. Unsatisfactory concentrations of dioxins and DL-PBCs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO) were not also detected. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Result of dioxin sum (PCDD/F) detected in one sample of muscle fell into an interval between 50 – 75 % of the hygiene limits.

Residues of coccidiostats in liver of poultry in slaughter maturity have not been found during the year, except for one sample containing lasalocid. No residues of lasalocid (additive substance) were detected by examination of subsequent groups of chickens. As distinct from previous year, no residues of nicarbazine were detected in liver of broilers. Findings of residues of chloramphenicol (prohibited veterinary drug for food producing animals) in chicken broiler muscle in two cases were substantial. In one case, enquiries on a farm, including results of examination of additional samples of chickens, feedingstuffs and water used for watering of chicken broilers did not show a way of illegal use of chloramphenicol. The holding is under tightened regime of checks and examination of subsequent groups of chickens. In the second case, the residues of chloramphenicol in chicken broilers were detected repeatedly. Suspicion of application of chloramphenicol means of water used for watering the chickens resulted from the in-spot enquiry. Although the suspicion was not confirmed unequivocally by laboratory examination, this way of the application can be considered to be only one possible. Killing of the whole group (11 086 heads of poultry) in specified slaughterhouse and its safe disposal of were ordered within the emergency veterinary measure. Tightened check regime and examination of samples from every group continue. No residues of veterinary drugs, additives not even unauthorized medicaments and substances having a hormonal action were detected in muscle and liver of hens.

Levels of chlorinated pesticides, polychlorinated biphenyls and chemical elements met the hygienic limits. No measurable levels of mycotoxins were detected. No concentrations of chemical elements exceeding maximum permissible levels were detected in muscle of turkeys. Residues of chlorinated pesticides and polychlorinated biphenyls (PCBs) complied with values of hygiene limits. No residues of veterinary drugs and additives were detected.

Map	Sampling of chickens	page 122
Table	Chickens (3 sheets)	pages 123-125
Map	Sampling of hens	page 126
Table	Hens (3 sheets)	pages 127-129
Map	Sampling of turkeys	page 130
Table	Turkeys (2 sheets)	pages 131-132

##### 4.4.2. Waterfowl

No residues of veterinary drugs and prohibited drugs were detected in muscle and liver of waterfowl (largely ducks). No residues of chlorinated pesticides and polychlorinated biphenyls (PCBs) were also detected. Content of chemical elements was very low. Mycotoxins in liver were not detected in measurable amounts.

Map	Sampling of water fowl	page 133
Table	Water fowl (2 sheets)	pages 134-135

#### 4.5. Ostriches

No levels of chemical elements exceeding the limits, as well as residues of chlorinated pesticides and polychlorinated biphenyls (PCBs), were found in muscle samples. All results fell into an interval below 50 % of the maximum permissible levels. Residues neither of drugs nor of unauthorized medicinal substances were detected. This finding is the same as those of previous years.

Map	Sampling of ostriches	page 136
Table	Ostriches (2 sheets)	pages 137-138

#### 4.6. Quails

Quails are examined within the monitoring as farmed animals that are to be slaughtered for meat for placing on the market. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were found in muscle of quails. No residues of veterinary drugs including prohibited substances in measurable concentrations were found. This finding is similar to those of previous years.

Map	Sampling of quails	page 139
Table	Quails (2 sheets)	pages 140-141

#### 4.7. Rabbits

No levels of monitored chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were found in domestic rabbits. Level of organic chlorine substances and heavy metals did not reach 50 % of the hygiene limits. Residues of veterinary drugs and additives were not detected at measurable concentrations both in muscle and in liver of the rabbits. Presence of radioactive caesium isotopes was not measured in muscle.

Map	Sampling of rabbits	page 142
Table	Rabbits (2 sheets)	pages 143-144

#### 4.8. Horses

Neither levels of chemical elements and chlorinated pesticides exceeding the limits nor measurable concentrations of prohibited drugs and other veterinary medicinal products were detected in horse meat. Non-compliant cadmium levels were found in muscle, liver and kidney of one horse (age 18 years). Unauthorized pharmacologically active substances were not found in urine. Neither aflatoxins nor ochratoxin A were detected in liver and kidney at measurable levels.

Map	Sampling of horses	page 145
Table	Horses (3 sheets)	pages 146-148

#### 4.9. Farmed cloven-hoofed animals

According to the veterinary legislation, game animals kept on farms in a commercial way are considered to be both farm animals and slaughter animals that are to be slaughtered at approved establishments. No levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were detected in muscle of such farmed cloven-hoofed animals (deer, fallow deer). No measurable concentrations of residues of veterinary drugs or unauthorized substances having a hormonal action were detected in muscle and liver of farmed cloven-hoofed animals. Only one exception was a finding of residues of the coccidiostat salinomycin, which is not authorized for administration to farmed game, in one sample of liver. The relevant farm continues to be under tightened check regime.

Map	Sampling of farmed cloven-hoofed animals	page 149
Table	Farmed cloven-hoofed animals (2 sheets)	pages 150-151

#### 4.10. Snails

Muscle of snails (*Helix pomatia*) is analysed for harmful substances in particular for the purpose of checks on meeting guarantees of food safety of this raw material. Just as in the previous years, no levels of chemical elements, chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeding the limits were detected.

Map	Sampling of snails	page 152
Table	Snails	page 153

#### 4.11. Freshwater fish

Samples of carps and trout were taken from breeding facilities. In carps, residues of unauthorized medicinal preparations and veterinary drugs were not found. Residues of chlorinated pesticides and PCBs were in very low concentrations, just as contents of chemical elements (heavy metals) were very low and complied with hygiene limits. Mycotoxins were not detected in measurable concentrations. No presence of isotopes of radioactive caesium was measured in muscle except for two samples with very low activity of caesium ( $^{137}\text{Cs}$ ).

As distinct from last year, no residues of malachite green (MG) and its leucoform (LMG) were detected. Unsatisfactory concentrations of dioxins and DL-PBCs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO) were not detected in samples of carp muscle. Results of all samples were in an interval below 50 % of the limits.

No residues of unauthorized hormonal preparations and veterinary medicinal preparations were detected in rainbow trout. However, residues of leucoform of malachite green (LMG) were detected overall in 15 samples from 11 localities. Five values of this number exceeded minimum required performance limit of analytic method (MRPL – 2.0 µg/kg). Veterinary administration bodies imposed the relevant measures, including sanctions and safe disposal of contaminated fish, so as to the contaminated fish cannot reach the market and consumers. No residues of chlorinated pesticides and PCBs exceeding the limits were detected; their contents were very low. No measurable concentrations of mycotoxins were detected. Content of arsenic in one sample tended to hygiene limit.

No residues of veterinary drugs were detected in other bred fish species. Concentrations of residues of chlorinated pesticides and PCBs were very low being below 50 % of hygiene limits. Concentrations of chemical elements also complied with hygiene limits. No measurable concentrations of mycotoxins were detected. Presence of isotopes of radioactive caesium was not measured in muscle. No non-compliant concentrations of dioxins and DL-PCBs expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO), exceeding the limits were found in samples of fish. Results of all samples were in an interval below 50 % of the limits.

Map	Sampling of fresh water fish – carps – breeding	page 154
Table	Fresh water fish – carps – breeding (2 sheets)	pages 155-156
Map	Sampling fresh water fish – trout – breeding	page 157
Table	Fresh water fish – trout – breeding (2 sheets)	pages 158-159
Map	Sampling of fresh water fish – other fish species – breeding	page 160
Table	Fresh water fish – other fish species – breeding (2 sheets)	pages 161-162

#### 5. Wild game

Results of examination of muscle of main species of wild game are presented in this chapter. Samples of tissues were taken in particular at game processing establishments. For assessment of detected levels of lead it is necessary to take into account that the animals were hunted by guns with **lead-containing** ammunition, so



**contamination by projectiles is possible.** In comparison with last year, sampling of wild game, where the muscles were sampled by veterinary inspectors better, i.e. with respect to the possible contamination by projectiles, improved substantially. No hygiene limits for heavy metals (cadmium, lead, mercury) apply since the accession of the Czech Republic to the EU; in order to keep continuity of examinations and assessment of results, so-called working limits (action limits) – former hygiene limits in force since the year 2004 – are used.

### 5.1. Pheasants and wild ducks

Levels of monitored chemical elements in muscle of pheasants complied with the applied limits in all samples analysed. Just in previous years, residues of chlorinated pesticides and polychlorinated biphenyls (PCBs) complied with hygiene limits in all cases.

In wild ducks, levels of chemical elements complied with the applied action limits in all samples analysed. Contents of chlorinated pesticides and PCBs complied with hygiene limits.

Map	Sampling of pheasants	page 163
Table	Pheasants	page 164
Map	Sampling of wild ducks	page 165
Table	Wild ducks	page 166

### 5.2. Hares

Levels of monitored chemical elements, residues of chlorinated pesticides and polychlorinated biphenyls (PCBs) complied with the hygiene limits in all analysed muscle samples of hares. All values fell into an interval below 50 % of the limits.

Map	Sampling of hares	page 167
Table	Hares	page 168

### 5.3. Wild boar (feral pigs)

Contents of lead exceeding the limits (above level of the action limit used) were detected in three analyses of muscle of wild boar. The contents of lead (3 090 mg/kg) were caused obviously at least in one case by contamination by projectiles. Residues of chlorinated pesticides and polychlorinated biphenyls (PCBs) exceeded specified hygiene limits in no examined samples (all values did not rise 50 % hygiene limits).

Maximum limits are not specified for dioxins and DL-PCB. Samples of wild boar muscle were assessed according to limits which were specified for pork. As distinct from last year, neither level of dioxins and DL-PCBs (PCDD/F-PCBs) nor level of dioxins (PCDD/Fs), expressed in toxic equivalent units (as converted into toxicity equivalent factors WHO-TEF) of the World Health Organization (WHO), exceeding the limits was found. Higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs). Higher contamination wild boar with dioxins as compared with domestic pigs can be well explained by contact of wild boar with soil which is contaminated with dioxins originating from air pollution.

Map	Sampling of wild boar	page 169
Table	Wild boar (2 sheets)	pages 170-171

### 5.4. Other cloven-hoofed game

In other cloven-hoofed animals (excluding wild boar), no unsatisfactory levels of contaminants monitored samples were detected in any sample examined. All levels were in an interval below 50 % of the limits in all cases. Presence of isotopes of radioactive caesium was not measured in muscle tissue at all.

Map	Sampling of other cloven-hoofed animals	pages 172
Table	Other cloven-hoofed animals	pages 173

## 6. Examination for radioactive substances (radionuclides)

Examination for contamination of raw materials and foodstuffs of animal origin by radioisotopes  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  has been carried out at selected State Veterinary Institutes (SVI Prague and SVI Olomouc) since Chernobyl nuclear disaster (1986). Current situation, as well as many years ago, is quite favourable. It means that detected levels of these radioisotopes are deep below 600 or 370 Bq/kg, respectively. Results of examinations of particular commodities are presented in this assessment report for the first time. We give only synoptic information here. Thus can be stated measured level of contamination with radioisotopes of caesium is on the same level as detection efficiency of measuring equipment.

## 7. Examination for “dioxins“

Since the year 2000, veterinary inspectors have been carrying out sampling of rendering fats, carps and butter and since the year 2004 also sampling of meat of cows and eggs for analyses for so-called “dioxins” (PCDD/Fs): polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs), as well as 12 congeners of polychlorinated biphenyls which show toxicological characteristics similar to those of dioxins and so they are called dioxin-like PCBs (DL-PCBs). More than 90 % of dioxins get into human body from food, in particular foodstuffs of animal origin.

Analyses of samples were carried out by the National Reference Laboratory for Dioxins of the Ministry of Public Health, within Department of Hygienic Laboratories in Frýdek-Místek up to the year 2005. Since the year 2006, the analyses have been performed within this monitoring at the SVI in Prague using HRGC/HRMS method in specified commodities in specified regions. Results of examinations of relevant commodities (rendering fats, fish meal, beef and pork, poultry meat, wild boar meat, hen eggs, raw milk, butter, carp) are given in this report. All samples met the limits of Commission Regulation (EC) No. 1881/2006.

As apparent from diagrams, results of examinations of all commodities including trends are favourable from point of view of comparison with limits. There is no significant difference between results from the years 2006 and 2007. Polychlorinated biphenyls with dioxin effects bear the brunt of total contents of both dioxins and DL-PCBs.

Diagrams	Dioxins (2 sheets)	pages 174-175
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## 8. Conclusion

**In total, 67 308 analyses** were carried out by the State Veterinary Administration of Czech Republic within the monitoring of residues and contaminants in the year 2007, 63 949 of which were carried out as planned sampling, 2 571 as targeted examinations within tracing of contamination sources and repeated examinations and 788 as analyses of samples of imported commodities. The total percentage of **non-compliant findings** was **0.18 %** in the year monitored, which percentage is slightly higher than those in the year 2006 (0.15 %). Main increase of numbers of non-compliant samples was in the category of targeted investigation in tracing of sources of contamination and repeated analyses (2.53 %).

In field of feedingstuffs and feed raw materials of animal origin, samples by an overwhelming majority met the limits. Several residues of additives from the group of coccidiostats, especially residues of nicarbazine, but also narasin and lasalocid were found in samples examined in connection with targeted and repeated examination after findings of the residues in tissue of poultry or in eggs. Waters used for watering farm animals were examined only sporadically in connection with a possible source of administration of unauthorized veterinary drug (chloramphenicol) poultry and results of examinations were negative, but to a lower extent than in the previous years, increased levels of nitrates and nitrites.

Samples from following groups met the limits: milk and milk products, infant and baby milk formulas containing a share of animal proteins, inland meat products including canned meat and inland honey.

No residues of unauthorized substances with a hormonal action were detected in bovine animals, sheep, goats, pigs, poultry and farmed game, as well as any contamination of raw materials and foodstuffs with radioisotopes were detected. Finding of residues of chloramphenicol (prohibited veterinary drug for food producing animals) in broilers was the most substantial case, because more than 11 000 of heads of broilers in slaughter weight were killed. Furthermore, whole herd of heifers is under permanent supervision because of findings of residues of chloramphenicol in urine. The heifers may leave the holding only on the basis of compliant result of laboratory examination. In spite of that all relevant in-spot enquiries were carried out and a whole series of samples were examined, neither a cause nor causative agent was unequivocally found. Prevention of penetration of contaminated raw materials to customer was achieved by ordered emergency veterinary measures (stop of slaughtering of the animals, emergency check regime, repeated examinations, sanctions, etc.).

More than 6 000 of quail eggs were disposed of because of findings of additives (coccidiostats) nicarbazine and narazin. Levels of these additives were detected also in complete feedingstuff.

No non-compliant sample of seafood was recorded. Samples of inland freshwater fish met the hygienic limits, except for 5 cases of detection of malachite green (unauthorized veterinary drug in market species of fish), or more precisely its leucoform, which exceeded the tolerated level in trout which were not released to market network.

Levels of chemical elements, chlorinated pesticides, PCBs, dioxins and residues of veterinary drugs met the hygienic limits, but sporadic exceptions (dihydrostreptomycin in liver of a pig). Non-compliant level of cadmium in kidney of old cows was detected in several cases.

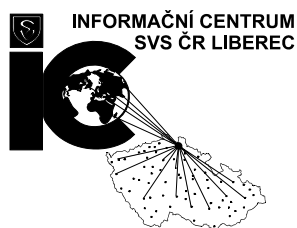
In game animals, no levels of monitored chemical substances and chemical elements exceeding the limits were detected, except for three levels of lead in wild boar, however, those levels of lead were connected with contamination caused by projectiles after kill.

Examination for contamination of raw materials and foodstuffs of animal origin by radioisotopes  $^{134}\text{Cs}$  and  $^{137}\text{Cs}$  has been carried out since Chernobyl nuclear disaster (1986). Current situation is quite favourable, as well as in several previous years. It means that detected levels of these radioisotopes are deep below 600 or 370 Bq/kg, respectively. Measured levels are at level of detection efficiency of measure appliances.

Found levels of so called "dioxins" (PCDD/Fs) and also sums of dioxins and 12 congeners of polychlorinated biphenyls which are due to their toxic properties similar to properties of dioxins called dioxin-like PCBs (DL-PCBs) complied with specified limits in all samples examined. Results of examinations are presented under titles of relevant commodities (rendering fats, fish meal, beef and pork, poultry meat, wild boar meat, hen eggs, raw milk, butter, carp) in this report. Because no limits had been yet specified for this game category, samples from wild boar were assessed according to limits which were specified for domestic pigs. Generally speaking, higher share in total value of dioxin and DL-PCB sum have percentages of congeners non-ortho and mono-ortho PCBs (DL-PCBs).

In general, health safety of raw materials and foodstuffs of animal origin is, with respect to contents of residues and contaminants favourable. As apparent from tables containing a summary of analyses for foreign substances in the year 2007, as well as from trend diagrams for the previous 17 years, means values of the foreignest substances are deep below the permitted hygiene limits and their incidence is predominantly decreasing. Detection of residues of an unauthorized drug chloramphenicol in some farm animal species, residues of an unauthorized substance – malachite green in several carp and trout holdings must be regarded as substantial.

The publication is technically prepared in electronic form in PDF file. It is distributed at CD-ROM medium and presented on official web sites of the State Veterinary Administration of the Czech Republic together with another numbers of the Information Bulletin of the SVA CR:



Technická příprava publikace:  
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## Structure of database CLX

Field	Name of field	Type	Length	Dec.	Description	Duty	Catalogue
1	PRAC	Character	3		code of laboratory	ano	LABOR
2	DUVOD	Character	2		reason of sampling	ano	CL_DUV
3	DATUM	Date	8		date of sampling	ano	---
4	PROT	Character	10		description of laboratory protocol	ano	---
5	ZADAV	Character	3		code of regional veterinary administration	ne	OVS
6	KU	Character	5		code of cadastral district's sampling	ne	KU
7	OKRES	Character	2		code of district's sampling	ne	OKRES
8	ZEME	Character	3		code of sample origin country	ano	ZEME
9	ICO	Numeric	9		identification number of sample's owner	ne	---
10	PODNIK	Character	9		code of animal husbandry	ne	PODNIKY
11	SKUPINA	Character	1		code of commodity - the first level	ano	CL_SKUP
12	VZOREK	Character	4		code of commodity - the second level	ano	CL_VZ_?
13	SPECIF	Character	2		code of commodity - the third level	ano	CL_SP_??
14	UZ	Character	15		animal's identification number	ne	---
15	VEK	Numeric	3		age of animal in months	ne	---
16	CL	Character	5		code of chemical substance	ano	CL_POPIS
17	METODA	Character	2		code of Analytical method	ano	CL_MET
18	PRIZNAK	Character	1		sign of result	ano	CL_PRIZN
19	VYSLEDEK	Numeric	12	5	numerical amount of result	ano	---
20	NEJISTOTA	Numeric	9	5	numeric deviation of result	ne	---
21	NEJIS_PROC	Numeric	5	1	deviation of result in per cent	ne	---
22	JEDNOTKY	Character	1		code of result units	ano	CL_JEDN
23	SUSINA	Numeric	5	1	content of dry matter in per cent	ne	---
24	TUK	Numeric	5	1	content of fat in per cent	ne	---
25	DL	Numeric	12	5	numerical amount of detection limit	ano	---
26	HL	Numeric	12	5	numerical amount of hygienic limit	ne	---
27	VYHODN	Character	1		evaluation in relation to hygienic limit	ano	CL_VYHOD
28	POZN	Character	20		note	ne	---
29	PRENOS	Numeric	3		number of transfer database in the year	ano	---

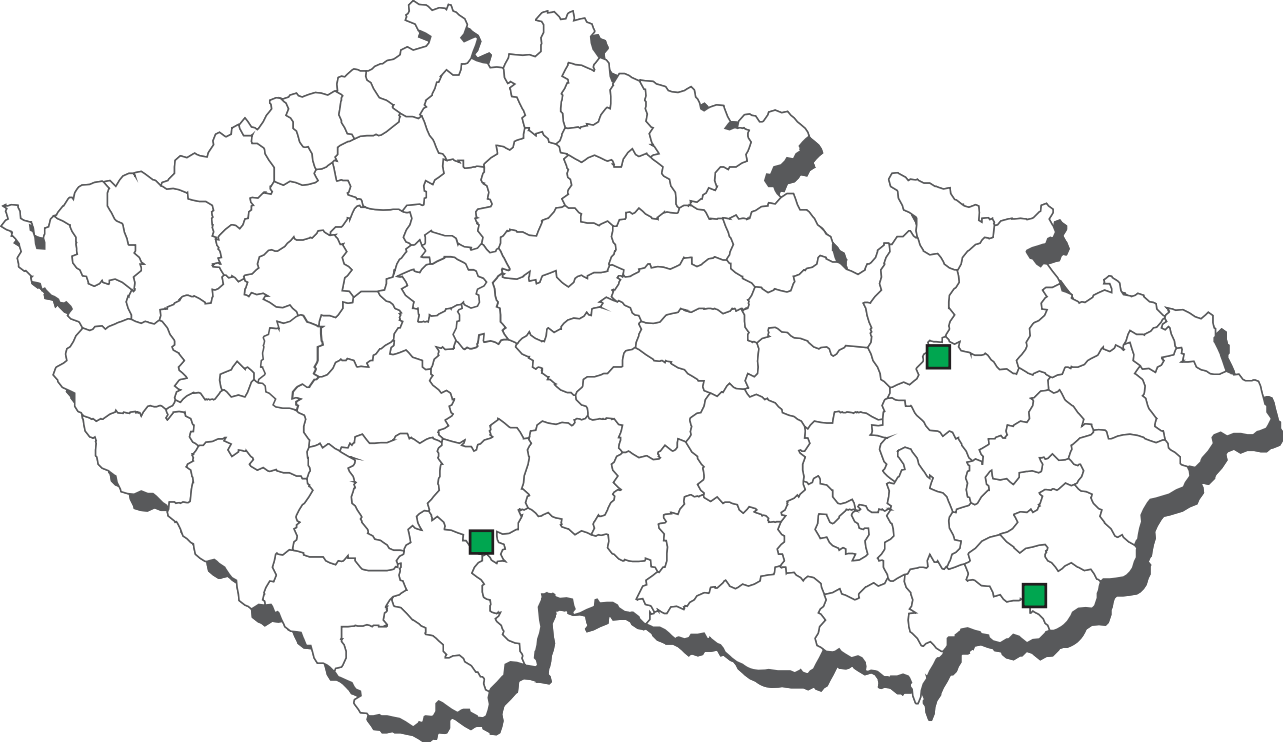
## 2006 Residues monitoring - total survey according to commodities and types of sampling

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
<b>Wild game, bioindicators</b>	<b>4 385</b>	<b>872</b>	<b>19,89</b>	<b>9</b>	<b>0,21</b>
Monitoring	4 246	848	19,97	5	0,12
Indicated sampling	137	23	16,79	4	2,92
Import	2	1	50,00	0	0,00
<b>Food animals</b>	<b>35 496</b>	<b>2 085</b>	<b>5,87</b>	<b>36</b>	<b>0,10</b>
Monitoring	34 438	1 988	5,77	17	0,05
Indicated sampling	1 057	97	9,18	19	1,80
Import	1	0	0,00	0	0,00
<b>foodstuffs of animal origin</b>	<b>21 041</b>	<b>3 565</b>	<b>16,94</b>	<b>55</b>	<b>0,26</b>
Monitoring	15 917	1 912	12,01	9	0,06
Indicated sampling	4 860	1 594	32,80	45	0,93
Import	264	59	22,35	1	0,38
<b>foodstuffs of plant and other origin</b>	<b>3 233</b>	<b>896</b>	<b>27,71</b>	<b>13</b>	<b>0,40</b>
<b>Feedstuffs</b>	<b>8 232</b>	<b>2 693</b>	<b>32,71</b>	<b>4</b>	<b>0,05</b>
Monitoring	5 061	952	18,81	3	0,06
Indicated sampling	2 761	1 631	59,07	1	0,04
Import	410	110	26,83	0	0,00
<b>Waters</b>	<b>1 190</b>	<b>449</b>	<b>37,73</b>	<b>46</b>	<b>3,87</b>
<b>Other samples</b>	<b>309</b>	<b>269</b>	<b>87,06</b>	<b>0</b>	<b>0,00</b>
<b>Total all samples</b>	<b>69 154</b>	<b>9 215</b>	<b>13,33</b>	<b>104</b>	<b>0,15</b>
Monitoring	59 662	5 700	9,55	34	0,06
Indicated sampling	8 815	3 345	37,95	69	0,78
Import	677	170	25,11	1	0,15

## 2007 Residues monitoring - total survey according to commodities and types of sampling

Commodity	Nr. of tests	Nr. of positive	% posit.	overlimit	% overlim.
<b>Wild game, bioindicators</b>	<b>4 124</b>	<b>863</b>	<b>20,93</b>	<b>8</b>	<b>0,19</b>
Monitoring	4 107	862	20,99	8	0,19
Indicated sampling	17	1	5,88	0	0,00
Import	0	0	0,00	0	0,00
<b>Food animals</b>	<b>39 304</b>	<b>1 780</b>	<b>4,53</b>	<b>88</b>	<b>0,22</b>
Monitoring	38 327	1 652	4,31	32	0,08
Indicated sampling	917	126	13,74	56	6,11
Import	60	2	0,00		0,00
<b>foodstuffs of animal origin</b>	<b>17 714</b>	<b>2 001</b>	<b>11,30</b>	<b>18</b>	<b>0,10</b>
Monitoring	16 618	1 609	9,68	11	0,07
Indicated sampling	995	362	36,38	7	0,70
Import	101	30	29,70	0	0,00
<b>foodstuffs of plant and other origin</b>	<b>984</b>	<b>113</b>	<b>11,48</b>	<b>0</b>	<b>0,00</b>
<b>Feedstuffs</b>	<b>6 166</b>	<b>1 415</b>	<b>22,95</b>	<b>8</b>	<b>0,13</b>
Monitoring	4 897	900	18,38	5	0,10
Indicated sampling	642	305	47,51	2	0,31
Import	627	210	33,49	1	0,16
<b>Waters</b>	<b>1 021</b>	<b>372</b>	<b>36,43</b>	<b>46</b>	<b>4,51</b>
<b>Other samples</b>	<b>4</b>	<b>4</b>	<b>100,00</b>	<b>0</b>	<b>0,00</b>
<b>Total all samples</b>	<b>67 308</b>	<b>6 059</b>	<b>9,00</b>	<b>122</b>	<b>0,18</b>
Monitoring	63 949	5 023	7,85	56	0,09
Indicated sampling	2 571	794	30,88	65	2,53
Import	788	242	30,71	1	0,13

# Residues monitoring 2007 - sampling of raw feed materials of animal origin



### Rendering products - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDT	2	1	50,0	0	0,0	0,001	0,001	-	-	0,001
B3a DDT (sum)	2	1	50,0	0	0,0	0,001	0,001	-	-	0,001
B3a PCB - sum of congeners	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 180 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alfa-, beta-HCH (sum)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene (sum of congeners)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene P26 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene P50 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene P62 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.

### Rendering products - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB - sum of congeners	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 101 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 118 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 138 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 153 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 180 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 28 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB 52 (congener)	0,05000 mg/kg	2	0	0	0	0	0
B3a aldrin	0,01000 mg/kg	2	0	0	0	0	0
B3a alfa-HCH	0,02000 mg/kg	2	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	2	0	0	0	0	0
B3a chlordan	0,02000 mg/kg	2	0	0	0	0	0
B3a dieldrin	0,01000 mg/kg	2	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg	2	0	0	0	0	0
B3a endrin	0,01000 mg/kg	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,20000 mg/kg	2	0	0	0	0	0
B3a heptachlor	0,01000 mg/kg	2	0	0	0	0	0
B3a hexachlorobenzene	0,01000 mg/kg	2	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	2	0	0	0	0	0



### Rendering products - dioxins - monitoring (value in ng/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	4	4	100,0	0	0,0	317,600	469,025	-	-	1170,000
B3a PCB 114 (congener)	4	4	100,0	0	0,0	24,200	29,338	-	-	61,700
B3a PCB 118 (congener)	4	4	100,0	0	0,0	1645,000	1744,250	-	-	3200,000
B3a PCB 123 (congener)	4	4	100,0	0	0,0	166,900	206,250	-	-	479,000
B3a PCB 126 (congener)	4	3	75,0	0	0,0	9,205	8,638	-	-	16,100
B3a PCB 156 (congener)	4	4	100,0	0	0,0	284,000	382,000	-	-	755,000
B3a PCB 157 (congener)	4	4	100,0	0	0,0	47,250	52,400	-	-	98,600
B3a PCB 167 (congener)	4	4	100,0	0	0,0	168,150	221,025	-	-	462,000
B3a PCB 169 (congener)	4	2	50,0	0	0,0	0,657	0,678	-	-	1,400
B3a PCB 189 (congener)	4	4	100,0	0	0,0	46,150	56,375	-	-	99,400
B3a PCB 77 (congener)	4	4	100,0	0	0,0	40,445	55,523	-	-	136,000
B3a PCB 81 (congener)	4	4	100,0	0	0,0	5,088	5,886	-	-	12,500
B3a WHO-PCDD/F-PCB-TEQ	4	4	100,0	0	0,0	1,726	1,666	-	-	2,720
B3a WHO-PCDD/F-TEQ	4	4	100,0	0	0,0	0,322	0,307	-	-	0,341
B3f 1,2,3,4,6,7,8-HpCDD	4	1	25,0	0	0,0	n.d.	0,872	-	-	2,140
B3f 1,2,3,4,6,7,8-HpCDF	4	0	0,0	0	0,0	n.d.	0,088	-	-	n.d.
B3f 1,2,3,4,7,8,9-HpCDF	4	1	25,0	0	0,0	n.d.	0,092	-	-	0,300
B3f 1,2,3,4,7,8-HxCDD	4	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3f 1,2,3,4,7,8-HxCDF	4	1	25,0	0	0,0	n.d.	0,107	-	-	0,307
B3f 1,2,3,6,7,8-HxCDD	4	0	0,0	0	0,0	n.d.	0,039	-	-	n.d.
B3f 1,2,3,6,7,8-HxCDF	4	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3f 1,2,3,7,8,9-HxCDD	4	0	0,0	0	0,0	n.d.	0,034	-	-	n.d.
B3f 1,2,3,7,8,9-HxCDF	4	0	0,0	0	0,0	n.d.	0,029	-	-	n.d.
B3f 1,2,3,7,8-PeCDD	4	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3f 1,2,3,7,8-PeCDF	4	0	0,0	0	0,0	n.d.	0,060	-	-	n.d.
B3f 2,3,4,6,7,8-HxCDF	4	1	25,0	0	0,0	n.d.	0,244	-	-	0,682
B3f 2,3,4,7,8-PeCDF	4	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3f 2,3,7,8-TCDD	4	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3f 2,3,7,8-TCDF	4	0	0,0	0	0,0	n.d.	0,167	-	-	n.d.
B3f OCDD	4	4	100,0	0	0,0	13,194	10,537	-	-	15,300
B3f OCDF	4	1	25,0	0	0,0	n.d.	0,557	-	-	1,470

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	3,00000 pg/g	2	0	2	0	0	0
B3a WHO-PCDD/F-TEQ	2,00000 pg/g	4	0	0	0	0	0

### Mixed feeds fish origin - import (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	17	4	23,5	0	0,0	n.d.	0,000	n.d.	0,001	0,003
B3a 4,4'-DDD	17	8	47,1	0	0,0	n.d.	0,000	n.d.	0,002	0,002
B3a 4,4'-DDE	17	11	64,7	0	0,0	0,000	0,002	n.d.	0,007	0,008
B3a 4,4'-DDT	17	8	47,1	0	0,0	n.d.	0,001	n.d.	0,016	0,006
B3a DDT (sum)	17	14	82,4	0	0,0	0,001	0,002	n.d.	0,023	0,008
B3a aldrin	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a gamma-HCH (lindane)	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a heptachlor	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	17	7	41,2	0	0,0	n.d.	0,000	n.d.	0,001	0,002
B3a endosulfan - sum	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a chlordan	17	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	19	3	15,8	0	0,0	n.d.	0,000	n.d.	0,000	0,000
B3a PCB 101 (congener)	19	6	31,6	0	0,0	n.d.	0,000	n.d.	0,001	0,004
B3a PCB 118 (congener)	19	6	31,6	0	0,0	n.d.	53,000	n.d.	0,001	0,004
B3a PCB 138 (congener)	19	11	57,9	0	0,0	0,000	0,001	n.d.	0,002	0,004
B3a PCB 153 (congener)	19	11	57,9	0	0,0	0,000	0,001	n.d.	0,002	0,003
B3a PCB 180 (congener)	19	11	57,9	0	0,0	0,000	0,000	n.d.	0,001	0,001
B3a PCB - sum of congeners	19	11	57,9	0	0,0	0,001	0,002	n.d.	0,006	0,011
B3a toxaphene P26 (congener)	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a toxaphene P50 (congener)	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,002
B3a toxaphene P62 (congener)	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a toxaphene (sum of congeners)	17	1	5,9	0	0,0	n.d.	0,000	n.d.	n.d.	0,004
B3c arsenic	15	15	100,0	1	6,7	2,370	3,219	0,729	9,552	17,700
B3c cadmium	15	15	100,0	0	0,0	0,609	0,559	0,065	1,079	1,293
B3c lead	15	15	100,0	0	0,0	0,184	0,286	0,034	0,878	1,490
B3c mercury	15	15	100,0	0	0,0	0,050	0,081	0,029	0,195	0,275

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,05000 mg/kg	17	0	0	0	0	0
B3a aldrin	0,01000 mg/kg	17	0	0	0	0	0
B3a dieldrin	0,01000 mg/kg	17	0	0	0	0	0
B3a endrin	0,01000 mg/kg	17	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	17	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	17	0	0	0	0	0
B3a gamma-HCH (lindane)	0,20000 mg/kg	17	0	0	0	0	0
B3a heptachlor	0,01000 mg/kg	17	0	0	0	0	0
B3a hexachlorobenzene	0,01000 mg/kg	17	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg	17	0	0	0	0	0
B3a chlordan	0,02000 mg/kg	17	0	0	0	0	0
B3a PCB - sum of congeners	0,05000 mg/kg	19	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	17	0	0	0	0	0
B3c arsenic	15,00000 mg/kg	14	0	0	1*	0	0
B3c cadmium	2,00000 mg/kg	14	1	0	0	0	0
B3c lead	10,00000 mg/kg	15	0	0	0	0	0
B3c mercury	0,50000 mg/kg	15	0	0	0	0	0

### Mixed feeds fish origin - list of overlimit findings

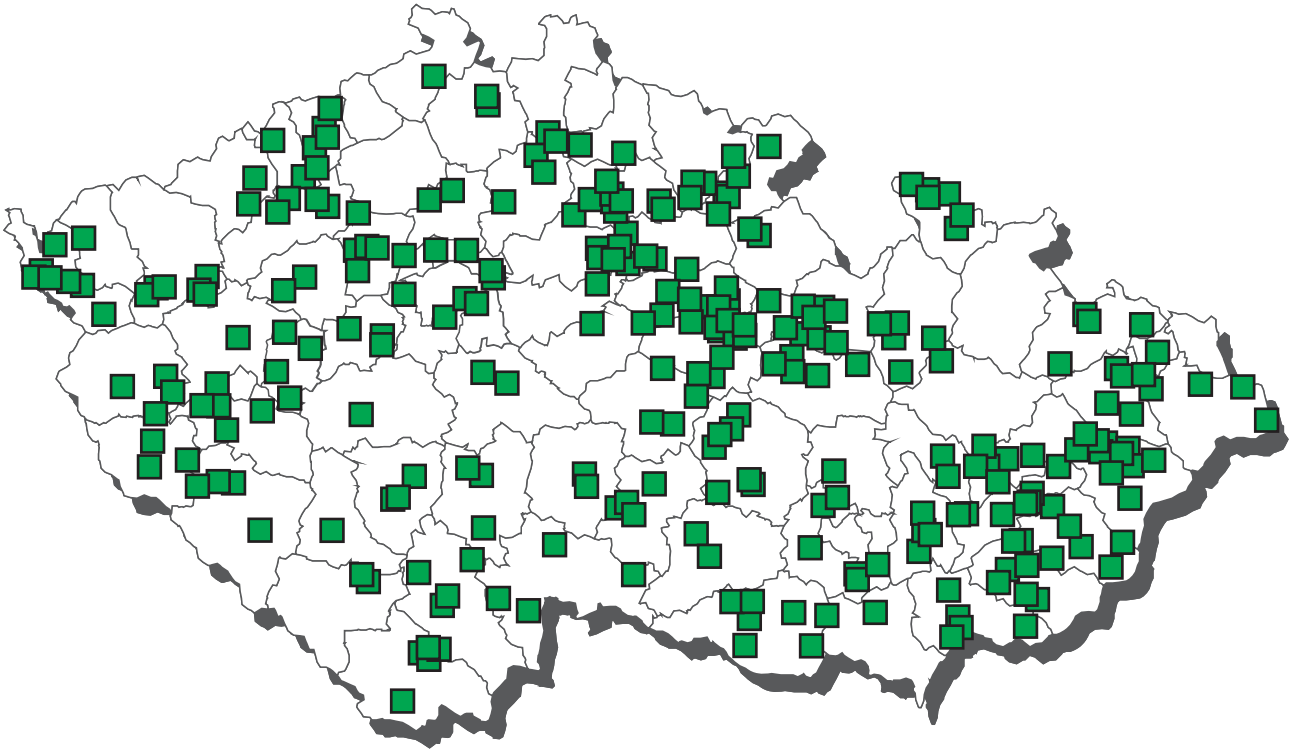
Sampling	cadastral district	district	value
arsenic			
29.8.2007	Helvíkovice	Ústí over orlici	17,7 mg/kg

**Mixed feeds fish origin - dioxins - import (value in ng/kg)**

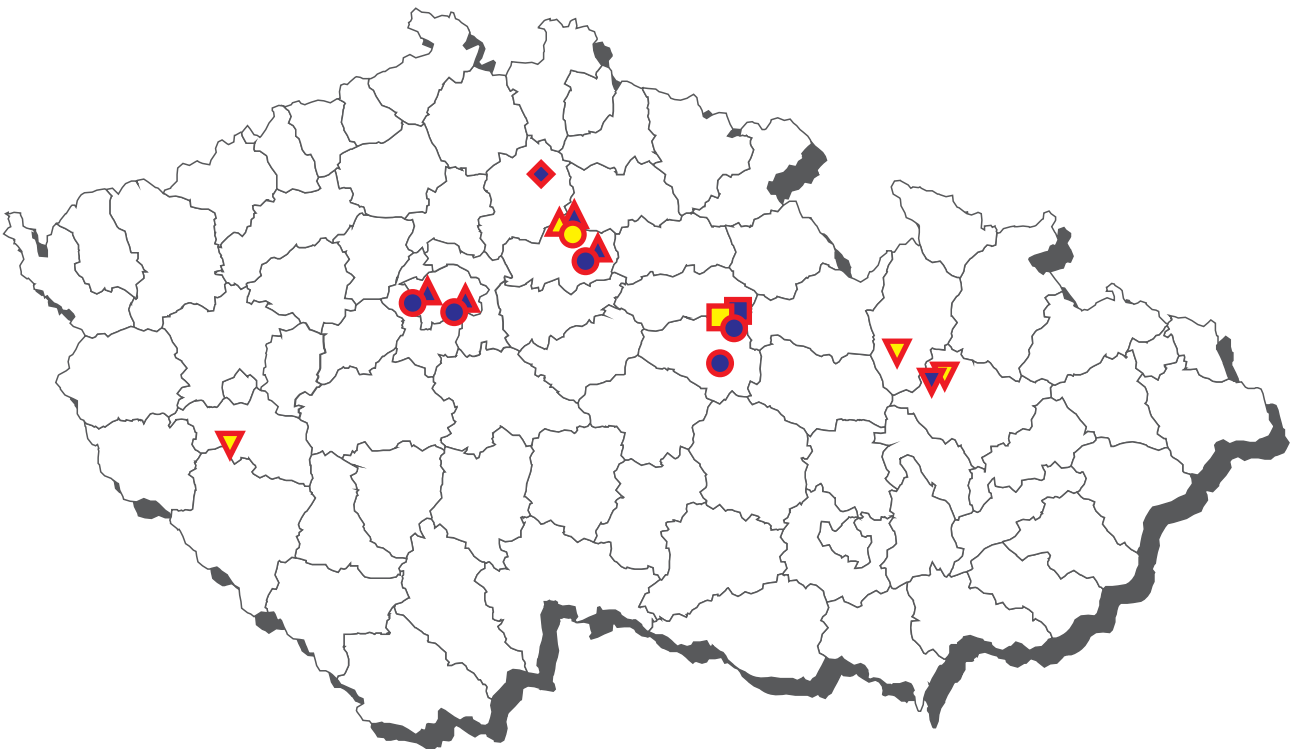
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	2	2	100,0	0	0,0	225,500	225,500	-	-	228,000
B3a PCB 114 (congener)	2	2	100,0	0	0,0	12,500	12,500	-	-	12,600
B3a PCB 118 (congener)	2	2	100,0	0	0,0	556,500	556,500	-	-	583,000
B3a PCB 123 (congener)	2	2	100,0	0	0,0	65,350	65,350	-	-	66,600
B3a PCB 126 (congener)	2	2	100,0	0	0,0	3,165	3,165	-	-	3,190
B3a PCB 156 (congener)	2	2	100,0	0	0,0	69,500	69,500	-	-	70,000
B3a PCB 157 (congener)	2	2	100,0	0	0,0	17,600	17,600	-	-	18,200
B3a PCB 167 (congener)	2	2	100,0	0	0,0	40,200	40,200	-	-	41,500
B3a PCB 169 (congener)	2	2	100,0	0	0,0	0,756	0,756	-	-	0,921
B3a PCB 189 (congener)	2	2	100,0	0	0,0	7,010	7,010	-	-	7,350
B3a PCB 77 (congener)	2	2	100,0	0	0,0	10,800	10,800	-	-	11,100
B3a PCB 81 (congener)	2	2	100,0	0	0,0	1,500	1,500	-	-	1,540
B3a 1,2,3,4,6,7,8-HpCDD	2	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 1,2,3,4,6,7,8-HpCDF	2	0	0,0	0	0,0	n.d.	0,039	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	2	0	0,0	0	0,0	n.d.	0,032	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	2	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	2	0	0,0	0	0,0	n.d.	0,033	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	2	0	0,0	0	0,0	n.d.	0,030	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	2	0	0,0	0	0,0	n.d.	0,041	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	2	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	2	0	0,0	0	0,0	n.d.	0,041	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,136	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	2	2	100,0	0	0,0	0,477	0,477	-	-	0,544
B3a 2,3,7,8-TCDD	2	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3a 2,3,7,8-TCDF	2	2	100,0	0	0,0	0,614	0,614	-	-	0,645
B3a OCDD	2	1	50,0	0	0,0	0,187	0,143	-	-	0,199
B3a OCDF	2	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,972	0,972	-	-	0,989
B3a WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,510	0,510	-	-	0,529

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	3,00000 ng/kg	2	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	2,00000 ng/kg	2	0	0	0	0	0

## Residues monitoring 2007 - sampling of mixed feeds



### Mixed feeds - overlimits findings 2007



- |                                   |         |   |
|-----------------------------------|---------|---|
| ■ monensin (indicated sampling)   | ■ (red) | ▼ pyrimiphosmethyl (indicated sampling) |
| ▲ narazin (indicated sampling)    | ▲ (red) | ◆ lasalocid indicated sampling          |
| ● nikarbazin (indicated sampling) | ● (red) |   |

## Mixed feeds - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 clenbuterol	10	0	0,0	0	0,0	n.d.	5,000	n.d.	n.d.	n.d.
A6 dimetridazole	32	0	0,0	0	0,0	n.d.	46,938	n.d.	n.d.	n.d.
A6 chloramphenicol	11	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
B1 sulfadiazine	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfadimethoxine	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfadimidine	38	0	0,0	0	0,0	n.d.	1,383	n.d.	n.d.	n.d.
B1 sulfadoxin	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfamerazin	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfamethoxazole	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	19	0	0,0	0	0,0	n.d.	1,266	n.d.	n.d.	n.d.
B1 sulfathiazole	20	0	0,0	0	0,0	n.d.	1,203	n.d.	n.d.	n.d.
B2b diclazuril	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B2b halofuginone	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b lasalocid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b maduramicine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b monensin	22	1	4,5	1	4,5	n.d.	0,001	n.d.	n.d.	6,400
B2b narazin	11	1	9,1	1	9,1	n.d.	0,425	n.d.	n.d.	4,469
B2b nicarbazine	14	1	7,1	1	7,1	n.d.	0,002	n.d.	n.d.	0,024
B2b robenidine	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2b salinomycine	39	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2b semduramicin	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 2,4'-DDT	116	7	6,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a 4,4'-DDD	116	11	9,5	0	0,0	n.d.	0,000	n.d.	n.d.	0,002
B3a 4,4'-DDE	116	52	44,8	0	0,0	n.d.	0,000	n.d.	0,001	0,002
B3a 4,4'-DDT	116	30	25,9	0	0,0	n.d.	0,001	n.d.	0,001	0,033
B3a aldrin	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	116	4	3,4	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a beta-HCH	116	3	2,6	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a DDT (sum)	116	45	38,8	0	0,0	n.d.	0,001	n.d.	0,002	0,037
B3a dieldrin	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	116	3	2,6	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a endrin	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	116	6	5,2	0	0,0	n.d.	0,000	n.d.	n.d.	0,002
B3a heptachlor	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	116	15	12,9	0	0,0	n.d.	0,000	n.d.	0,000	0,003
B3a chlordan	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	116	29	25,0	0	0,0	n.d.	0,001	n.d.	0,002	0,013
B3a PCB 101 (congener)	116	12	10,3	0	0,0	n.d.	0,000	n.d.	0,000	0,005
B3a PCB 118 (congener)	116	2	1,7	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a PCB 138 (congener)	116	24	20,7	0	0,0	n.d.	0,000	n.d.	0,000	0,003
B3a PCB 153 (congener)	116	26	22,4	0	0,0	n.d.	0,000	n.d.	0,001	0,005
B3a PCB 180 (congener)	116	23	19,8	0	0,0	n.d.	0,000	n.d.	0,000	0,002
B3a PCB 28 (congener)	116	2	1,7	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a PCB 52 (congener)	116	1	1,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,003
B3a toxaphene (sum of congeners)	116	1	1,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a toxaphene P26 (congener)	116	1	1,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a toxaphene P50 (congener)	116	1	1,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a toxaphene P62 (congener)	116	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3b diazinon	82	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b phorate	82	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	82	21	25,6	4	19,0	n.d.	0,020	n.d.	0,036	0,503
B3c arsenic	116	115	99,1	0	0,0	0,119	0,170	0,057	0,364	1,320
B3c cadmium	116	114	98,3	0	0,0	0,047	0,053	0,022	0,090	0,180
B3c lead	116	111	95,7	0	0,0	0,110	0,148	0,046	0,308	0,790
B3c mercury	116	103	88,8	0	0,0	0,001	0,004	n.d.	0,009	0,038
B3d aflatoxin B1	83	10	12,0	0	0,0	n.d.	0,074	n.d.	0,120	1,490
B3d deoxinivalenol	83	22	26,5	0	0,0	n.d.	0,121	n.d.	0,251	2,150
B3d zearalenon	83	10	12,0	0	0,0	n.d.	0,023	n.d.	0,050	0,190

### Mixed feeds - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,05000 mg/kg	115	1	0	0	0	0
B3a PCB - sum of congeners	0,05000 mg/kg	116	0	0	0	0	0
B3a aldrin	0,01000 mg/kg	116	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	116	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	116	0	0	0	0	0
B3a chlordan	0,02000 mg/kg	116	0	0	0	0	0
B3a dieldrin	0,01000 mg/kg	116	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg	116	0	0	0	0	0
B3a endrin	0,01000 mg/kg	116	0	0	0	0	0
B3a gamma-HCH (lindane)	0,20000 mg/kg	116	0	0	0	0	0
B3a heptachlor	0,01000 mg/kg	116	0	0	0	0	0
B3a hexachlorobenzene	0,01000 mg/kg	116	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	116	0	0	0	0	0
B3c arsenic	2,00000 mg/kg	114	2	0	0	0	0
B3c cadmium	1,00000 mg/kg	116	0	0	0	0	0
B3c lead	5,00000 mg/kg	116	0	0	0	0	0
B3c mercury	0,10000 mg/kg	116	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	83	0	0	0	0	0
B3d deoxinivalenol	100,00000 ug/kg	83	0	0	0	0	0
B3d zearalenon	50,00000 ug/kg	83	0	0	0	0	0

### Mixed feeds - list of overlimit findings

Sampling	cadastral district	district	value
<b>monensin</b>			
4.4.2007	Moravany over Loucnou	Pardubice	6,4 mg/kg
<b>narazin</b>			
27.9.2007	Hasina	Nymburk	4,469 mg/kg
<b>nicarbazine</b>			
27.9.2007	Hasina	Nymburk	0,024 mg/kg

Sampling	cadastral district	district	value
<b>pyrimiphosmethyl - over action level (0,1 mg/kg)</b>			
9.8.2007	Nova Dedina u Unicova	Olomouc	0,503 mg/kg
30.10.2007	Nova Dedina u Unicova	Olomouc	0,211 mg/kg
30.7.2007	Prestice	Plzeň Jih	0,128 mg/kg
18.9.2007	Zabreh na Morave	Sumperk	0,401 mg/kg

## Mixed feeds - indicated sampling (value in mg/kg)

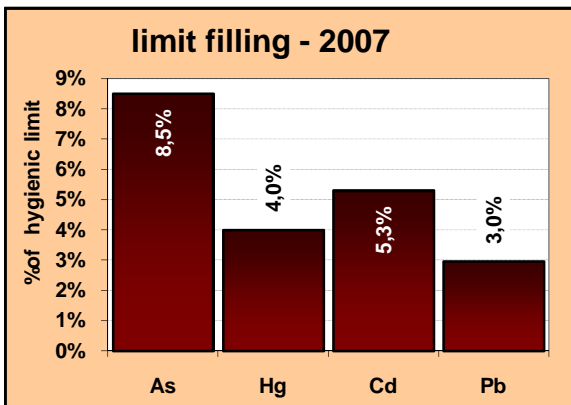
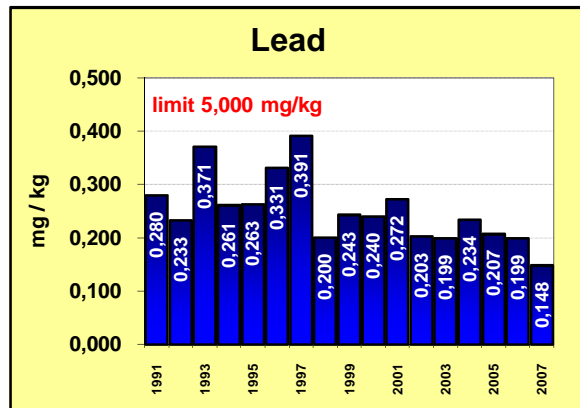
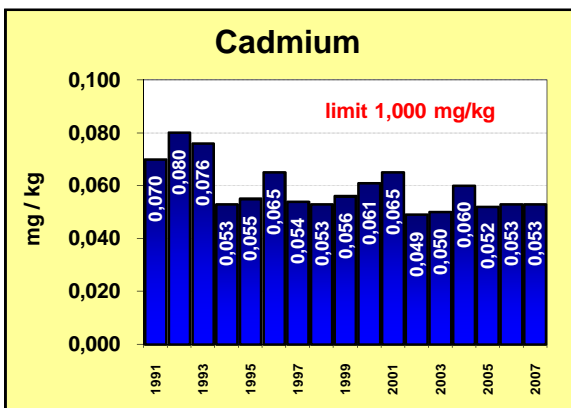
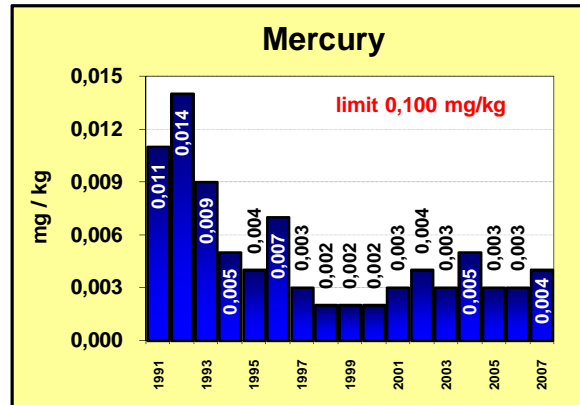
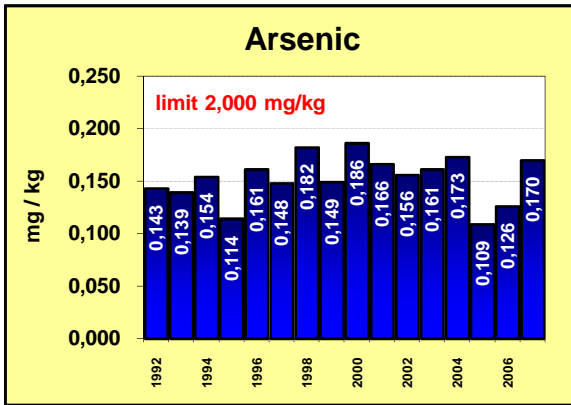
µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	27	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B2b lasalocid	2	2	100,0	2	100,0	1,507	1,507	-	-	2,625
B2b monensin	2	1	50,0	1	50,0	5,700	5,200	-	-	9,400
B2b narazin	6	5	83,3	5	83,3	0,125	0,362	-	-	1,693
B2b nicarbazine	43	7	16,3	7	16,3	n.d.	0,013	n.d.	0,006	0,780
B3b pyrimiphosmethyl	1	1	100,0	1	100,0	0,287	-	-	-	0,287
B3c cadmium	2	2	100,0	0	0,0	0,103	0,103	-	-	0,000

## Mixed feeds - indicated sampling - list of overlimit findings

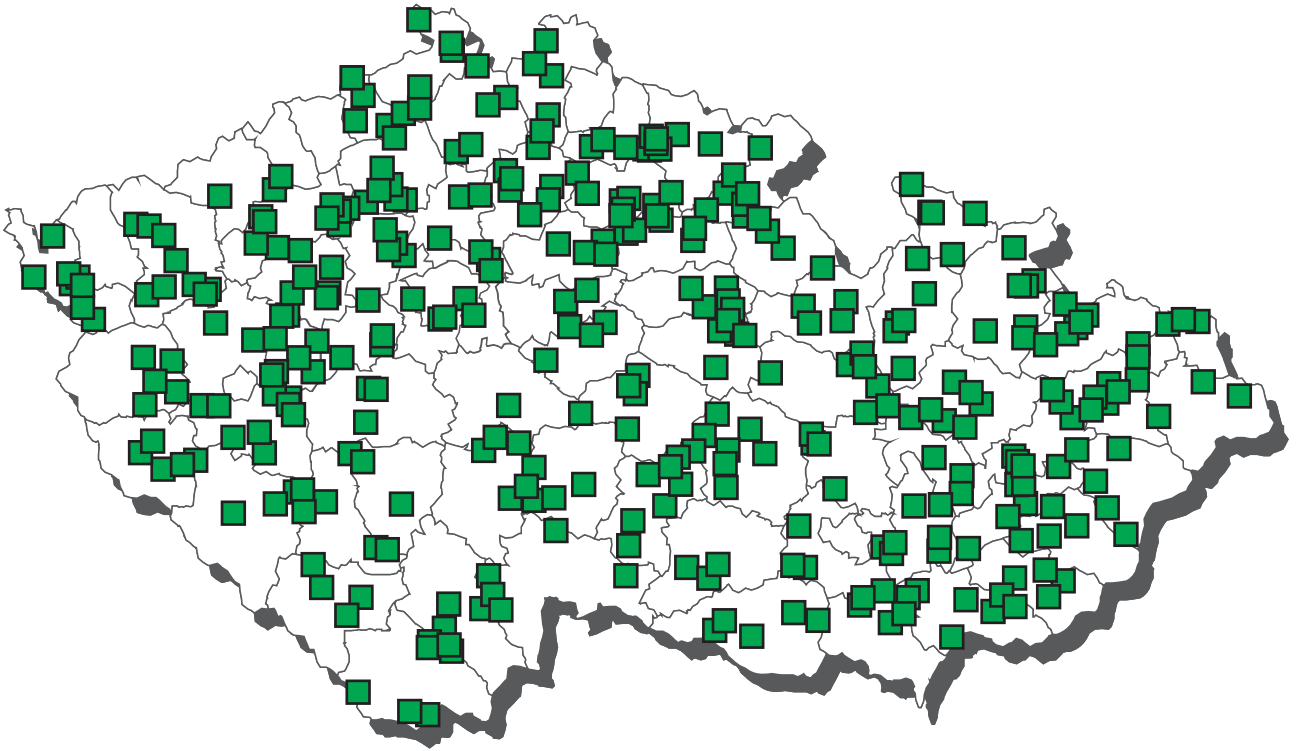
Sampling	cadastral district	district	value
<b>narazin</b>			
1.11.2007	Hasina	Nymburk	0,201 mg/kg
1.11.2007	Mestec Kralove	Nymburk	0,202 mg/kg
1.11.2007	Mestec Kralove	Nymburk	0,049 mg/kg
30.10.2007	Radlice	Praha	0,025 mg/kg
29.10.2007	Uhrineves	Praha	1,693 mg/kg
<b>nicarbazine</b>			
31.5.2007	Mrakotin u Skutce	Chrudim	0,78 mg/kg
8.8.2007	Mestec	Nymburk	0,022 mg/kg
9.8.2007	Mestec Kralove	Nymburk	0,299 mg/kg
29.10.2007	Uhrineves	Praha	0,172 mg/kg
30.10.2007	Radlice	Praha	0,005 mg/kg
23.8.2007	Mestec Kralove	Nymburk	0,006 mg/kg
23.8.2007	Mestec Kralove	Nymburk	0,003 mg/kg
<b>pyrimiphosmethyl</b>			
12.10.2007	Unicov	Olomouc	0,287 mg/kg
<b>lasalocid</b>			
6.11.2007	Koprník	Mlada Boleslav	2,625 mg/kg
6.11.2007	Koprník	Mlada Boleslav	0,389 mg/kg
<b>monensin</b>			
23.5.2007	Trusnov	Pardubice	9,4 mg/kg

### Average content of contaminants in mixed feeds





# Residues monitoring 2007 - sampling of Cow's raw milk



## Cow's raw milk - monitoring (value in mg/kg)

µg/kg	mg/kg of fat
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Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AHD	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AMOZ	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AOZ	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	85	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
A6 SEM	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
B1 beta lactamic ATB	140	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	140	0	0,0	0	0,0	n.d.	0,016	n.d.	n.d.	n.d.
B1 macrolides (group)	140	0	0,0	0	0,0	n.d.	0,020	n.d.	n.d.	n.d.
B1 streptomycine (group)	140	0	0,0	0	0,0	n.d.	0,043	n.d.	n.d.	n.d.
B1 sulfadiazine	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	140	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	140	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a abamectin	67	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a doramectin	67	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a ivermectin	67	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a moxidectin	67	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a oxfendazol	67	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2c cyhalothrin	17	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	17	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c deltamethrin	17	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	17	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2e vedaprofen	22	0	0,0	0	0,0	n.d.	0,020	n.d.	n.d.	n.d.
B3a 2,4'-DDT	41	1	2,4	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a 4,4'-DDD	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDE	41	31	75,6	0	0,0	0,005	0,009	n.d.	0,021	0,029
B3a 4,4'-DDT	41	3	7,3	0	0,0	n.d.	0,003	n.d.	n.d.	0,030
B3a aldrin	41	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a DDT (sum)	41	29	70,7	0	0,0	0,008	0,010	n.d.	0,028	0,045
B3a dieldrin	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endosulfan - sum	41	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	41	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a heptachlor	41	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	41	18	43,9	0	0,0	n.d.	0,004	n.d.	0,005	0,055
B3a chlordan	41	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	46	16	34,8	0	0,0	n.d.	0,007	n.d.	0,013	0,077
B3a PCB 101 (congener)	46	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	46	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	46	10	21,7	0	0,0	n.d.	0,002	n.d.	0,004	0,023
B3a PCB 153 (congener)	46	16	34,8	0	0,0	n.d.	0,004	n.d.	0,006	0,032
B3a PCB 180 (congener)	46	11	23,9	0	0,0	n.d.	0,003	n.d.	0,004	0,022
B3a PCB 28 (congener)	46	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	46	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b diazinon	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b phorate	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	11	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B3c cadmium	11	1	9,1	0	0,0	n.d.	0,001	n.d.	n.d.	0,001
B3c lead	11	1	9,1	0	0,0	n.d.	0,002	n.d.	n.d.	0,007
B3c mercury	11	2	18,2	0	0,0	n.d.	0,001	n.d.	0,002	0,002
B3d aflatoxin M1	21	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.

## Cow's raw milk - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 streptomycine	0,20000 mg/kg	140	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	140	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	140	0	0	0	0	0
B2a moxidectin	0,04000 mg/kg	67	0	0	0	0	0
B2a oxfendazol	0,01000 mg/kg	67	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	17	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	17	0	0	0	0	0
B2c deltamethrin	0,02000 mg/kg	17	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	17	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	41	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	41	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	41	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	41	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	41	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	41	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	41	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	41	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	41	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	41	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	41	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	45	0	1	0	0	0
B3b diazinon	0,02000 mg/kg	12	0	0	0	0	0
B3b phorate	0,02000 mg/kg	12	0	0	0	0	0
B3b pyrimiphosmethyl	0,02500 mg/kg	12	0	0	0	0	0
B3c arsenic	0,05000 mg/kg	11	0	0	0	0	0
B3c cadmium	0,01000 mg/kg	11	0	0	0	0	0
B3c lead	0,02000 mg/kg	11	0	0	0	0	0
B3c mercury	0,01000 mg/kg	11	0	0	0	0	0
B3d aflatoxin M1	0,05000 ug/kg	21	0	0	0	0	0

## Cow's raw milk - dioxins - monitoring (value in pg/g of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	5	5	100,0	0	0,0	59,400	57,620	-	-	69,000
B3a PCB 114 (congener)	5	5	100,0	0	0,0	5,820	5,878	-	-	8,570
B3a PCB 118 (congener)	5	5	100,0	0	0,0	370,000	360,200	-	-	489,000
B3a PCB 123 (congener)	5	4	80,0	0	0,0	10,000	7,767	-	-	10,400
B3a PCB 126 (congener)	5	3	60,0	0	0,0	2,650	2,738	-	-	6,140
B3a PCB 156 (congener)	5	5	100,0	0	0,0	81,900	107,620	-	-	164,000
B3a PCB 157 (congener)	5	4	80,0	0	0,0	8,500	9,894	-	-	20,100
B3a PCB 167 (congener)	5	5	100,0	0	0,0	38,700	56,860	-	-	101,000
B3a PCB 169 (congener)	5	0	0,0	0	0,0	n.d.	0,242	-	-	n.d.
B3a PCB 189 (congener)	5	4	80,0	0	0,0	8,650	11,614	-	-	26,100
B3a PCB 77 (congener)	5	4	80,0	0	0,0	4,220	6,494	-	-	12,900
B3a PCB 81 (congener)	5	3	60,0	0	0,0	1,380	0,985	-	-	2,000
B3a WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	1,090	1,120	-	-	1,480
B3a WHO-PCDD/F-TEQ	5	4	80,0	0	0,0	0,726	0,661	-	-	0,769
B3a 1,2,3,4,6,7,8-HpCDD	5	0	0,0	0	0,0	n.d.	0,110	-	-	n.d.
B3a 1,2,3,4,6,7,8-HpCDF	5	0	0,0	0	0,0	n.d.	0,125	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	5	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	5	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,157	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	5	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,134	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	5	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	5	0	0,0	0	0,0	n.d.	0,138	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	5	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	5	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,172	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	5	0	0,0	0	0,0	n.d.	0,109	-	-	n.d.
B3a 2,3,7,8-TCDD	5	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	5	0	0,0	0	0,0	n.d.	0,078	-	-	n.d.
B3a OCDD	5	0	0,0	0	0,0	n.d.	0,261	-	-	n.d.
B3a OCDF	5	0	0,0	0	0,0	n.d.	0,275	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	3,00000 pg/g of fat	5	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	6,00000 pg/g of fat	5	0	0	0	0	0

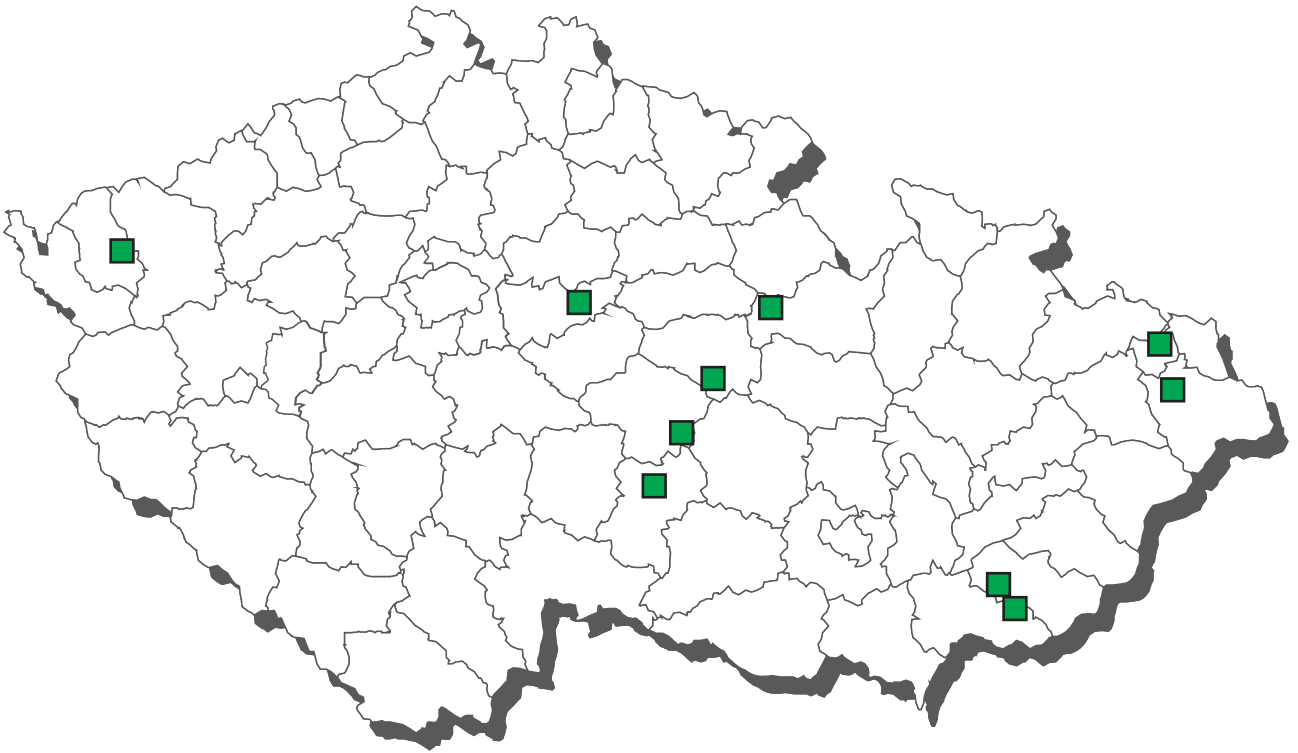
## Cow's raw milk - indicated sampling (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	4	0	0,0	0	0,0	n.d.	0,075	-	-	n.d.
B3d aflatoxin M1	11	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	0	0,0	0	0,0	n.d.	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3d aflatoxin M1	0,05000 ug/kg	11	0	0	0	0	0
B3f Cesium 134	370,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	1	0	0	0	0	0

# Residues monitoring 2007 - sampling of Sheep's raw milk



## Sheep's raw milk - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AMOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AOX	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 chloramphenicol	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 AHD	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 SEM	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 gentamycin, neomycine (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 macrolidy (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 streptomycine (group)	2	0	0,0	0	0,0	n.d.	0,013	-	-	n.d.
B1 sulfadiazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimethoxine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimidine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadoxin	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfachlorpyridazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamerazin	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxazole	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxydiazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfaquinoxaline	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfathiazole	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 tetracycline (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a abamectin	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a doramectin	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a ivermectin	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a moxidectin	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a oxfendazol	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c cyhalothrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c cypermethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c deltamethrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c permethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e vedaprofen	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDD	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDE	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDT	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a DDT (sum)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endosulfan - sum	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a PCB 28 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 101 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 153 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 180 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB - sum of congeners	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3b diazinon	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3b phorate	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3b pyrimiphosmethyl	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3c arsenic	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c cadmium	2	1	50,0	0	0,0	0,002	0,001	-	-	0,002
B3c lead	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c mercury	2	2	100,0	0	0,0	0,002	0,002	-	-	0,002
B3d aflatoxin M1	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.

### Sheep's raw milk - monitoring (continuation)

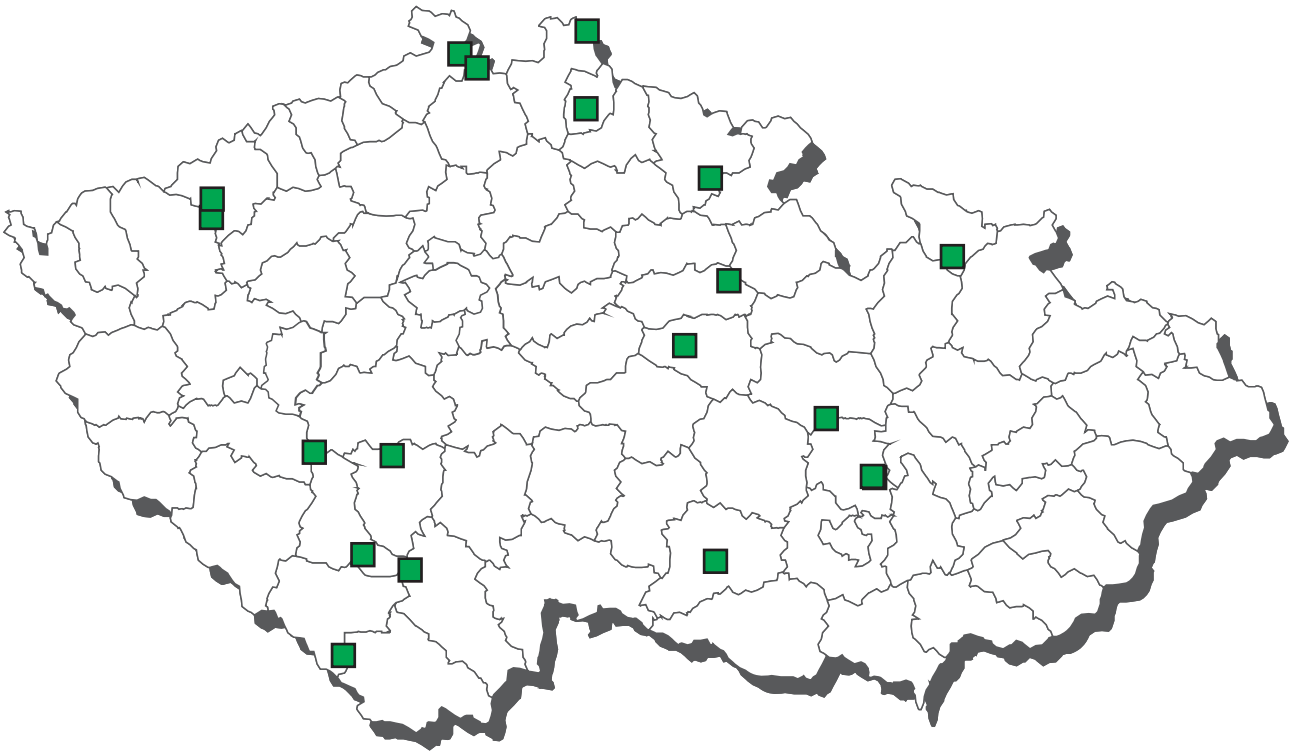
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 sulfadiazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	2	0	0	0	0	0
B1 moxidectin	0,04000 mg/kg	3	0	0	0	0	0
B2a oxfendazol	0,01000 mg/kg	3	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	1	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	1	0	0	0	0	0
B2c deltamethrin	0,02000 mg/kg	1	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	2	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	2	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	2	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	2	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	2	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	2	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	2	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	3	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	2	0	0	0	0	0
B3b phorate	0,02000 mg/kg	2	0	0	0	0	0
B3b pyrimiphosmethyl	0,02500 mg/kg	2	0	0	0	0	0
B3c arsenic	0,05000 mg/kg	2	0	0	0	0	0
B3c cadmium	0,01000 mg/kg	2	0	0	0	0	0
B3c lead	0,02000 mg/kg	2	0	0	0	0	0
B3c mercury	0,01000 mg/kg	2	0	0	0	0	0
B3d aflatoxin M1	0,05000 ug/kg	2	0	0	0	0	0

### Sheep's raw milk - dioxiny - monitoring (value in pg/g of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	1	1	100,0	0	0,0	65,200	-	-	-	-
B3a PCB 114 (congener)	1	1	100,0	0	0,0	5,100	-	-	-	-
B3a PCB 118 (congener)	1	1	100,0	0	0,0	182,000	-	-	-	-
B3a PCB 123 (congener)	1	1	100,0	0	0,0	9,440	-	-	-	-
B3a PCB 126 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 156 (congener)	1	1	100,0	0	0,0	108,000	-	-	-	-
B3a PCB 157 (congener)	1	1	100,0	0	0,0	16,500	-	-	-	-
B3a PCB 167 (congener)	1	1	100,0	0	0,0	29,700	-	-	-	-
B3a PCB 169 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 189 (congener)	1	1	100,0	0	0,0	15,000	-	-	-	-
B3a PCB 77 (congener)	1	1	100,0	0	0,0	2,500	-	-	-	-
B3a PCB 81 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a WHO-PCDD/F-PCB-TEQ	1	1	100,0	0	0,0	0,980	-	-	-	-
B3a WHO-PCDD/F-TEQ	1	1	100,0	0	0,0	0,858	-	-	-	-
B3a 1,2,3,4,6,7,8-HpCDD	1	1	100,0	0	0,0	15,200	-	-	-	-
B3a 1,2,3,4,6,7,8-HpCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,4,7,8,9-HpCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,4,7,8-HxCDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,4,7,8-HxCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,6,7,8-HxCDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,6,7,8-HxCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,7,8,9-HxCDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,7,8,9-HxCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,7,8-PeCDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 1,2,3,7,8-PeCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,3,4,6,7,8-HxCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,3,4,7,8-PeCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,3,7,8-TCDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,3,7,8-TCDF	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a OCDD	1	1	100,0	0	0,0	88,000	-	-	-	-
B3a OCDF	1	1	100,0	0	0,0	2,100	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	3,00000 pg/g of fat	1	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	6,00000 pg/g of fat	1	0	0	0	0	0

# Residues monitoring 2007 - sampling of Goat's raw milk





## Goat's raw milk - monitoring (value in mg/kg)

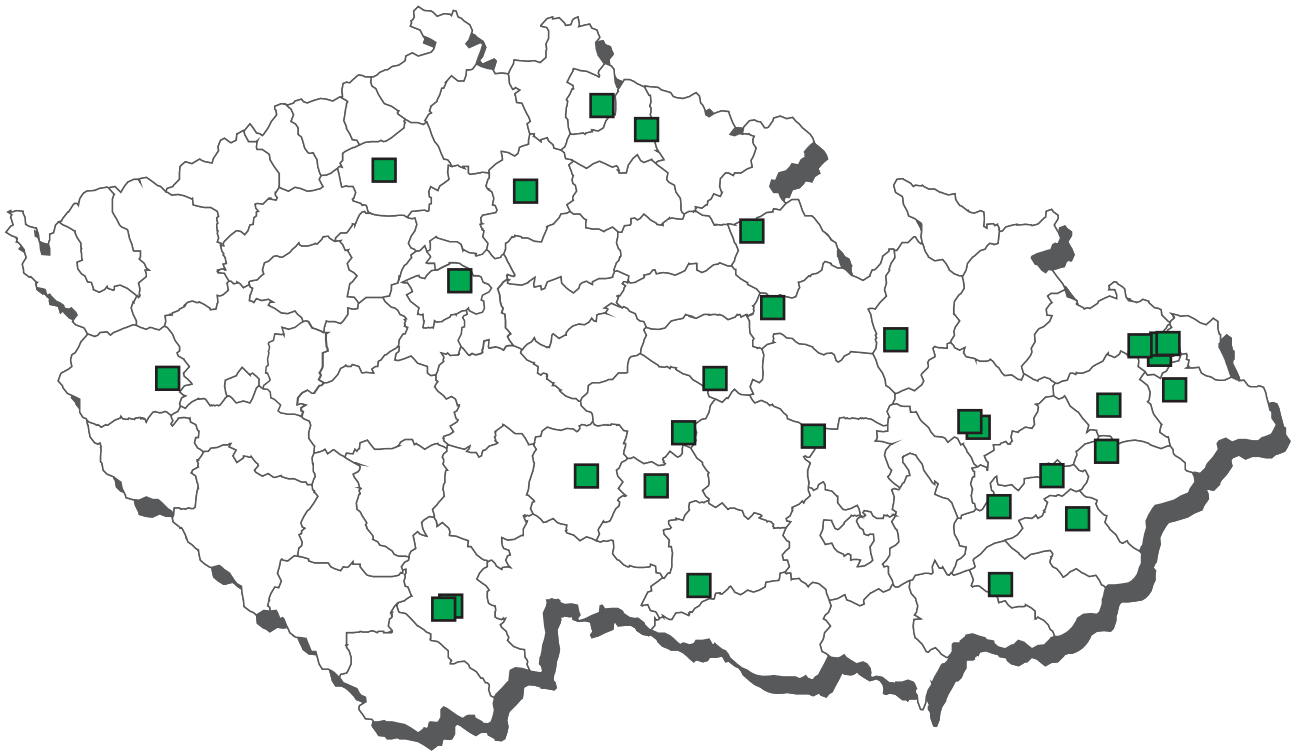
µg/kg	mg/kg of fat
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Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AHD	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AMOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 chloramphenicol	4	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 SEM	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	8	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 gentamycin, neomycine (group)	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 macrolides (group)	8	0	0,0	0	0,0	n.d.	0,020	-	-	n.d.
B1 streptomycine (group)	8	0	0,0	0	0,0	n.d.	0,043	-	-	n.d.
B1 sulfadiazine	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimethoxine	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimidine	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadoxin	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfachlorpyridazine	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamerazin	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxazole	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxydiazine	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfaquinoxaline	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfathiazole	8	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 tetracycline (group)	8	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a abamectin	10	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a doramectin	10	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a ivermectin	10	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a moxidectin	10	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a oxfendazol	10	0	0,0	0	0,0	n.d.	0,009	n.d.	n.d.	n.d.
B2c cyhalothrin	2	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c cypermethrin (sum of isomers)	2	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2c deltamethrin	2	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c permethrin (sum of isomers)	2	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2e vedaprofen	2	0	0,0	0	0,0	n.d.	0,018	-	-	n.d.
B3a 2,4'-DDT	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	7	3	42,9	0	0,0	n.d.	0,003	-	-	0,005
B3a 4,4'-DDT	7	1	14,3	0	0,0	n.d.	0,010	-	-	0,062
B3a aldrin	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	7	4	57,1	0	0,0	0,005	0,012	-	-	0,062
B3a dieldrin	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endosulfan - sum	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	7	3	42,9	0	0,0	n.d.	0,002	-	-	0,004
B3a chlordan	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB - sum of congeners	7	1	14,3	0	0,0	n.d.	0,002	-	-	0,006
B3a PCB 101 (congener)	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	7	1	14,3	0	0,0	n.d.	0,001	-	-	0,004
B3a PCB 153 (congener)	7	1	14,3	0	0,0	n.d.	0,002	-	-	0,004
B3a PCB 180 (congener)	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3b diazinon	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3b phorate	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3b pyrimiphosmethyl	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3c arsenic	7	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c cadmium	7	1	14,3	0	0,0	n.d.	0,001	-	-	0,002
B3c lead	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c mercury	7	3	42,9	0	0,0	n.d.	0,000	-	-	0,001
B3d aflatoxin M1	7	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.

## Goat's raw milk - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 streptomycine	0,20000 mg/kg	8	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	8	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	8	0	0	0	0	0
B2a moxidectin	0,04000 mg/kg	10	0	0	0	0	0
B2a oxfendazol	0,01000 mg/kg	10	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	2	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	2	0	0	0	0	0
B2c deltamethrin	0,02000 mg/kg	2	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	7	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	7	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	7	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	7	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	7	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	7	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	7	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	7	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	7	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	7	0	0	0	0	0
B3b phorate	0,02000 mg/kg	7	0	0	0	0	0
B3b pyrimiphosmethyl	0,02500 mg/kg	7	0	0	0	0	0
B3c arsenic	0,05000 mg/kg	7	0	0	0	0	0
B3c cadmium	0,01000 mg/kg	7	0	0	0	0	0
B3c lead	0,02000 mg/kg	7	0	0	0	0	0
B3c mercury	0,01000 mg/kg	7	0	0	0	0	0
B3d aflatoxin M1	0,05000 ug/kg	7	0	0	0	0	0

# Residues monitoring 2007 - sampling of milk and cream



## Milk and Cream over 2 % of fat - monitoring (value in mg/kg of fat)

µg/kg	mg/kg
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Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB	24	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 tetracycline (group)	24	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B3a 2,4'-DDT	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	6	2	33,3	0	0,0	n.d.	0,006	-	-	0,023
B3a 4,4'-DDT	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	6	2	33,3	0	0,0	n.d.	0,006	-	-	0,023
B3a PCB - sum of congeners	52	14	26,9	0	0,0	n.d.	0,006	n.d.	0,021	0,040
B3a PCB 101 (congener)	52	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	52	1	1,9	0	0,0	n.d.	0,002	n.d.	n.d.	0,007
B3a PCB 138 (congener)	52	13	25,0	0	0,0	n.d.	0,003	n.d.	0,007	0,013
B3a PCB 153 (congener)	52	13	25,0	0	0,0	n.d.	0,003	n.d.	0,008	0,011
B3a PCB 180 (congener)	52	10	19,2	0	0,0	n.d.	0,002	n.d.	0,005	0,013
B3a PCB 28 (congener)	52	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	52	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a aldrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a chlordan	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a dieldrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endosulfan - sum	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a hexachlorobenzene	6	2	33,3	0	0,0	n.d.	0,002	-	-	0,006
B3c cadmium	50	11	22,0	0	0,0	n.d.	0,001	n.d.	0,003	0,005
B3c lead	50	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3d aflatoxin M1	50	1	2,0	0	0,0	n.d.	0,003	n.d.	n.d.	0,009

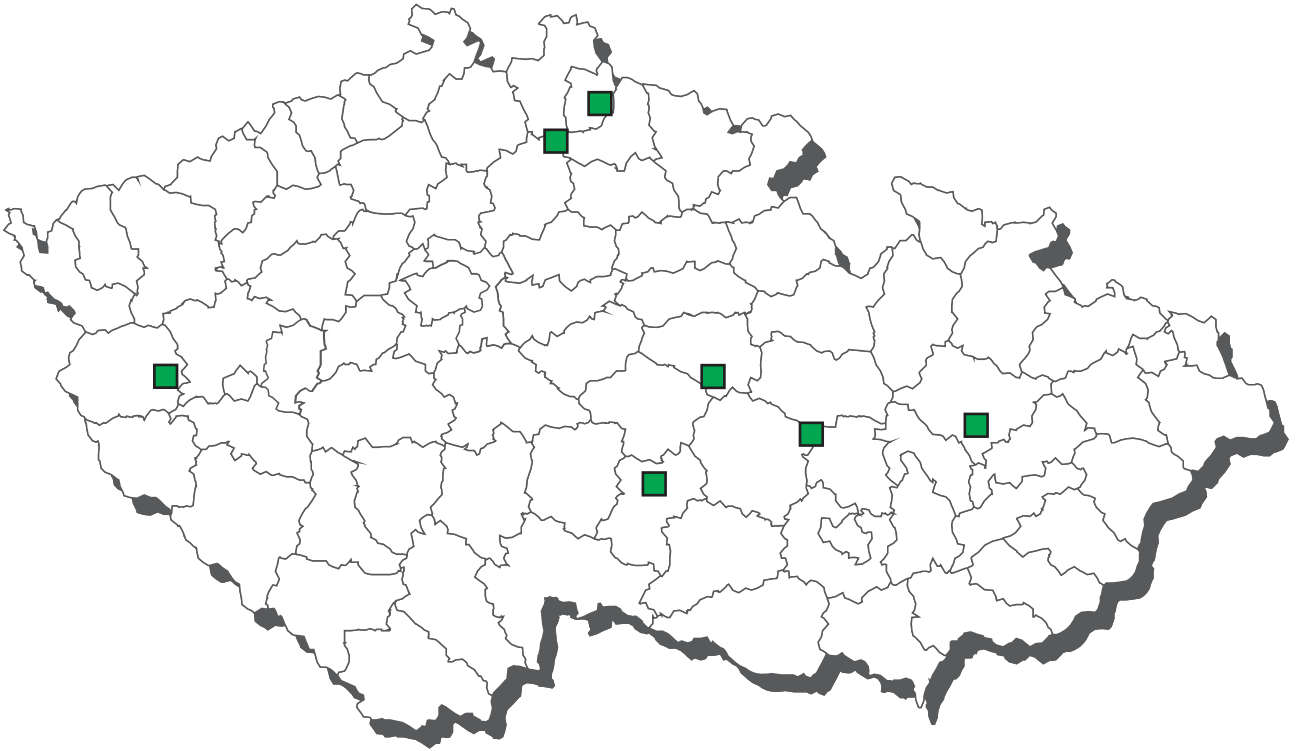
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	6	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	52	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	6	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	6	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	6	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	6	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	6	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	6	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	6	0	0	0	0	0
B3c cadmium	0,01000 mg/kg	50	0	0	0	0	0
B3c lead	0,02000 mg/kg	50	0	0	0	0	0
B3d aflatoxin M1	0,05000 ug/kg	50	0	0	0	0	0

### Milk to 2 % of fat - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	48	1	2,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a 4,4'-DDD	48	1	2,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a 4,4'-DDE	48	12	25,0	0	0,0	n.d.	0,000	n.d.	0,000	0,001
B3a 4,4'-DDT	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	48	10	20,8	0	0,0	n.d.	0,000	n.d.	0,000	0,001
B3a aldrin	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a chlordan	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	48	2	4,2	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a heptachlor	48	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	48	7	14,6	0	0,0	n.d.	0,000	n.d.	0,000	0,000

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,0200 mg/kg	48	0	0	0	0	0
B3a aldrin	0,0030 mg/kg	48	0	0	0	0	0
B3a alpha-HCH	0,0020 mg/kg	48	0	0	0	0	0
B3a beta-HCH	0,0015 mg/kg	48	0	0	0	0	0
B3a chlordan	0,0020 mg/kg	48	0	0	0	0	0
B3a dieldrin	0,0030 mg/kg	48	0	0	0	0	0
B3a endosulfan - sum	0,0040 mg/kg	48	0	0	0	0	0
B3a endrin	0,0040 mg/kg	48	0	0	0	0	0
B3a gamma-HCH (lindane)	0,0010 mg/kg	47	1	0	0	0	0
B3a heptachlor	0,0020 mg/kg	48	0	0	0	0	0
B3a hexachlorobenzene	0,0050 mg/kg	48	0	0	0	0	0

# Residues monitoring 2007 - sampling of butter



## Butter - monitoring (value in mg/kg of fat)

Analyte	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	2	2	100,0	0	0,0	0,004	0,004	-	-	0,005
B3a 4,4'-DDT	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alfa-, beta-HCH (sum)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	2	2	100,0	0	0,0	0,004	0,004	-	-	0,005
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endrin	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	2	1	50,0	0	0,0	0,002	0,001	-	-	0,002
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB - congeners sum	6	3	50,0	0	0,0	0,003	0,004	-	-	0,009
B3a PCB 101 (congener)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 138 (congener)	6	2	33,3	0	0,0	n.d.	0,001	-	-	0,002
B3a PCB 153 (congener)	6	3	50,0	0	0,0	0,003	0,002	-	-	0,004
B3a PCB 180 (congener)	6	2	33,3	0	0,0	n.d.	0,002	-	-	0,003
B3a PCB 28 (congener)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	0	0,0	0	0,0	n.d.	-	-	-	-

Analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a aldrin	0,15000 mg/kg of fat	2	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	2	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	2	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	2	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	2	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	2	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	2	0	0	0	0	0
B3a PCB - congeners sum	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 101 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 118 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 138 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 153 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 180 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 28 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a PCB 52 (congener)	0,10000 mg/kg of fat	6	0	0	0	0	0
B3f Cesium 134	370,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	1	0	0	0	0	0

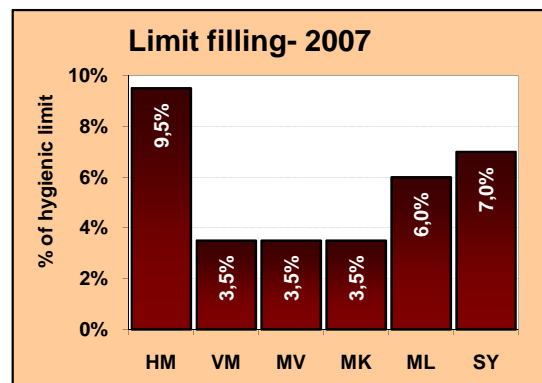
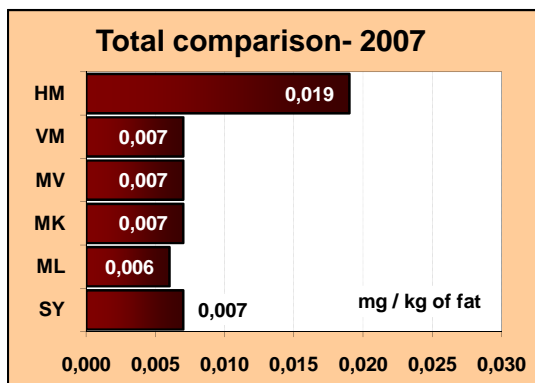
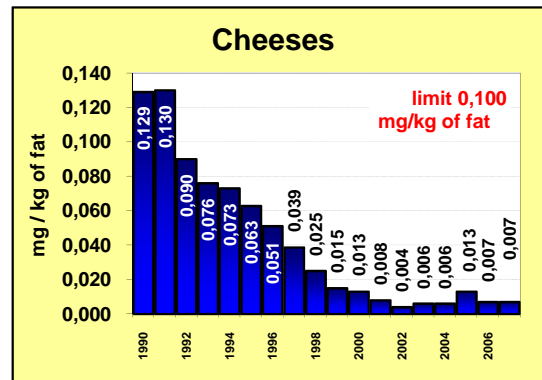
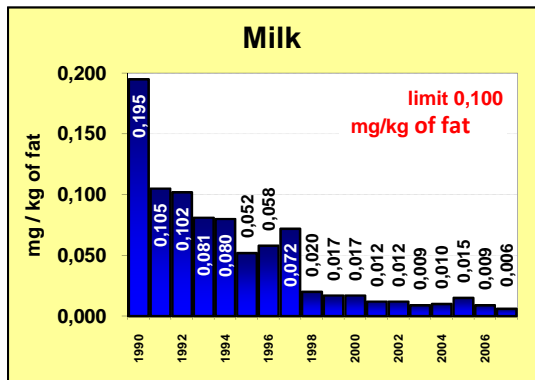
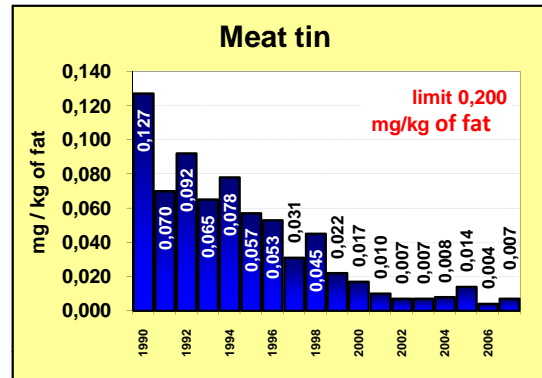
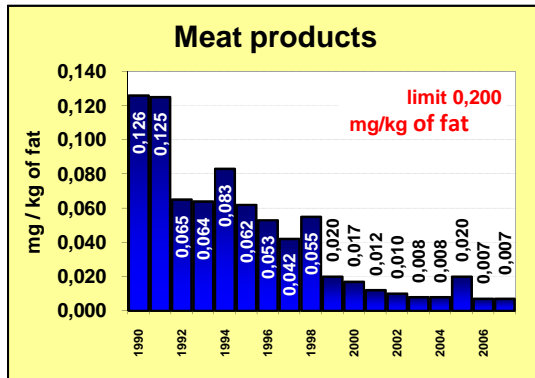
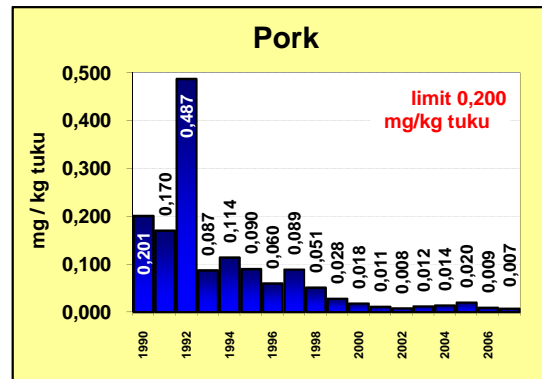
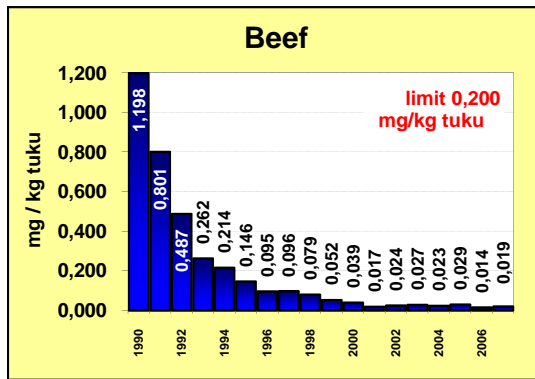
## Butter - dioxins - monitoring (value in pg/g of fat)

Analyte	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	5	5	100,0	0	0,0	92,100	258,520	-	-	558,000
B3a PCB 114 (congener)	5	5	100,0	0	0,0	10,700	11,090	-	-	18,100
B3a PCB 118 (congener)	5	5	100,0	0	0,0	528,000	2182,000	-	-	5090,000
B3a PCB 123 (congener)	5	5	100,0	0	0,0	13,300	52,276	-	-	124,000
B3a PCB 126 (congener)	5	4	80,0	0	0,0	6,950	6,866	-	-	14,300
B3a PCB 156 (congener)	5	5	100,0	0	0,0	181,000	1490,040	-	-	3650,000
B3a PCB 157 (congener)	5	5	100,0	0	0,0	21,000	107,430	-	-	254,000
B3a PCB 167 (congener)	5	5	100,0	0	0,0	87,000	633,020	-	-	1530,000
B3a PCB 169 (congener)	5	3	60,0	0	0,0	1,490	1,210	-	-	2,340
B3a PCB 189 (congener)	5	5	100,0	0	0,0	29,300	271,942	-	-	697,000
B3a PCB 77 (congener)	5	5	100,0	0	0,0	12,300	59,618	-	-	141,000
B3a PCB 81 (congener)	5	3	60,0	0	0,0	3,760	3,853	-	-	7,820
B3a 1,2,3,4,6,7,8-HpCDD	5	1	20,0	0	0,0	n.d.	0,519	-	-	1,830
B3a 1,2,3,4,6,7,8-HpCDF	5	0	0,0	0	0,0	n.d.	0,140	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	5	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	5	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,280	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	5	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,108	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	5	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	5	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	5	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	5	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	5	0	0,0	0	0,0	n.d.	0,102	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	5	1	20,0	0	0,0	n.d.	0,200	-	-	0,406
B3a 2,3,7,8-TCDD	5	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	5	1	20,0	0	0,0	n.d.	0,341	-	-	1,060
B3a OCDD	5	2	40,0	0	0,0	n.d.	5,557	-	-	14,700
B3a OCDF	5	1	20,0	0	0,0	n.d.	0,502	-	-	1,410
B3a WHO-PCDD/F-PCB-TEQ	5	5	100,0	0	0,0	1,680	2,420	-	-	4,330
B3a WHO-PCDD/F-TEQ	5	4	80,0	0	0,0	0,793	0,752	-	-	0,981

Analyte	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	6,00000 pg/g of fat	3	2	0	0	0	0
B3a WHO-PCDD/F-TEQ	3,00000 pg/g of fat	5	0	0	0	0	0



## Average content of PCB sum in foodstuffs and raw materials

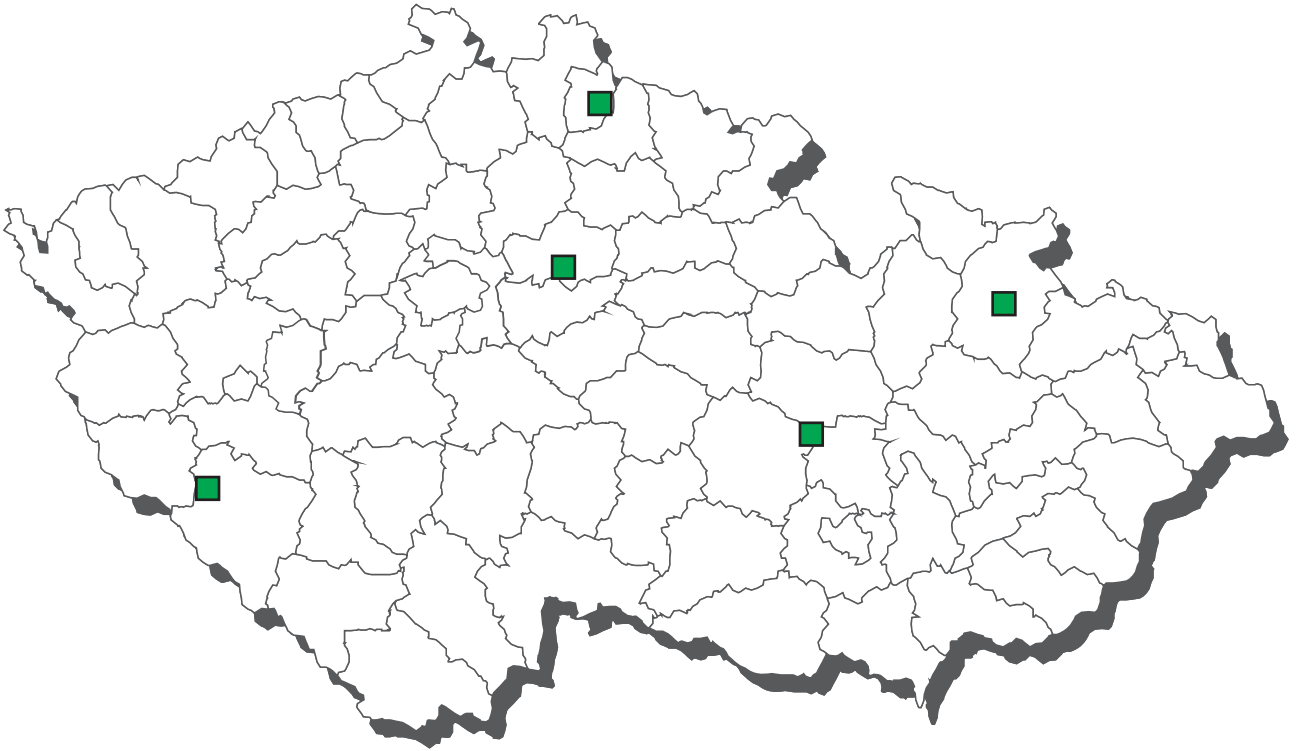


HM beef  
VM pork

MV meat products  
MK meat tin

SY cheeses  
ML milk

# Residues monitoring 2007 - sampling of quarks

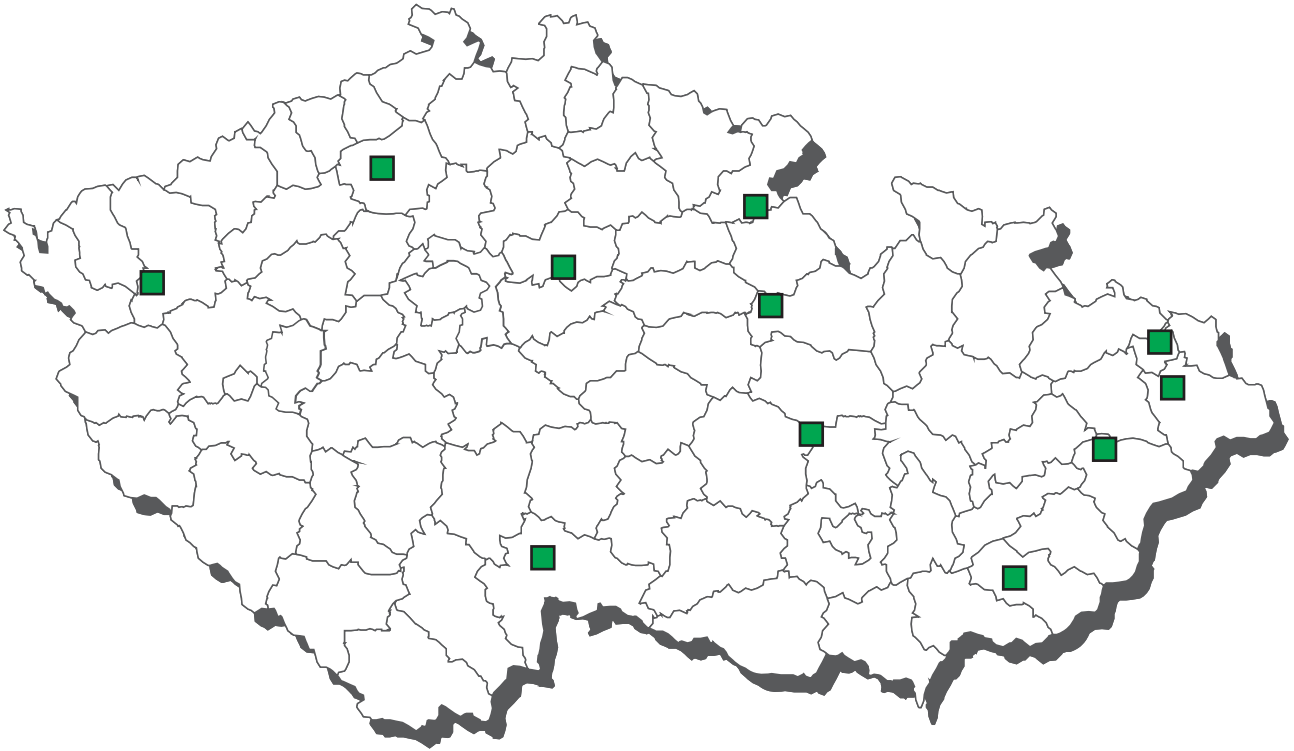


**Quark over 2 % of fat - monitoring (value in mg/kg of fat)**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	7	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	7	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	7	4	57,1	0	0,0	0,002	0,003	-	-	0,008
B3a 4,4'-DDT	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	7	3	42,9	0	0,0	n.d.	0,003	-	-	0,008
B3a aldrin	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a dieldrin	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endrin	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alpha-HCH	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a gamma-HCH (lindane)	7	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	7	2	28,6	0	0,0	n.d.	0,001	-	-	0,002
B3a endosulfan - sum	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a chlordan	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	7	1	14,3	0	0,0	n.d.	0,001	-	-	0,004
B3a PCB 52 (congener)	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 101 (congener)	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	7	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	7	2	28,6	0	0,0	n.d.	0,002	-	-	0,004
B3a PCB 153 (congener)	7	2	28,6	0	0,0	n.d.	0,002	-	-	0,005
B3a PCB 180 (congener)	7	2	28,6	0	0,0	n.d.	0,001	-	-	0,004
B3a PCB - sum of congeners	7	2	28,6	0	0,0	n.d.	0,004	-	-	0,010

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	7	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	7	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	7	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	7	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	7	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	7	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	7	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	7	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	7	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	7	0	0	0	0	0

# Residues monitoring 2007 - sampling of fermented milk products



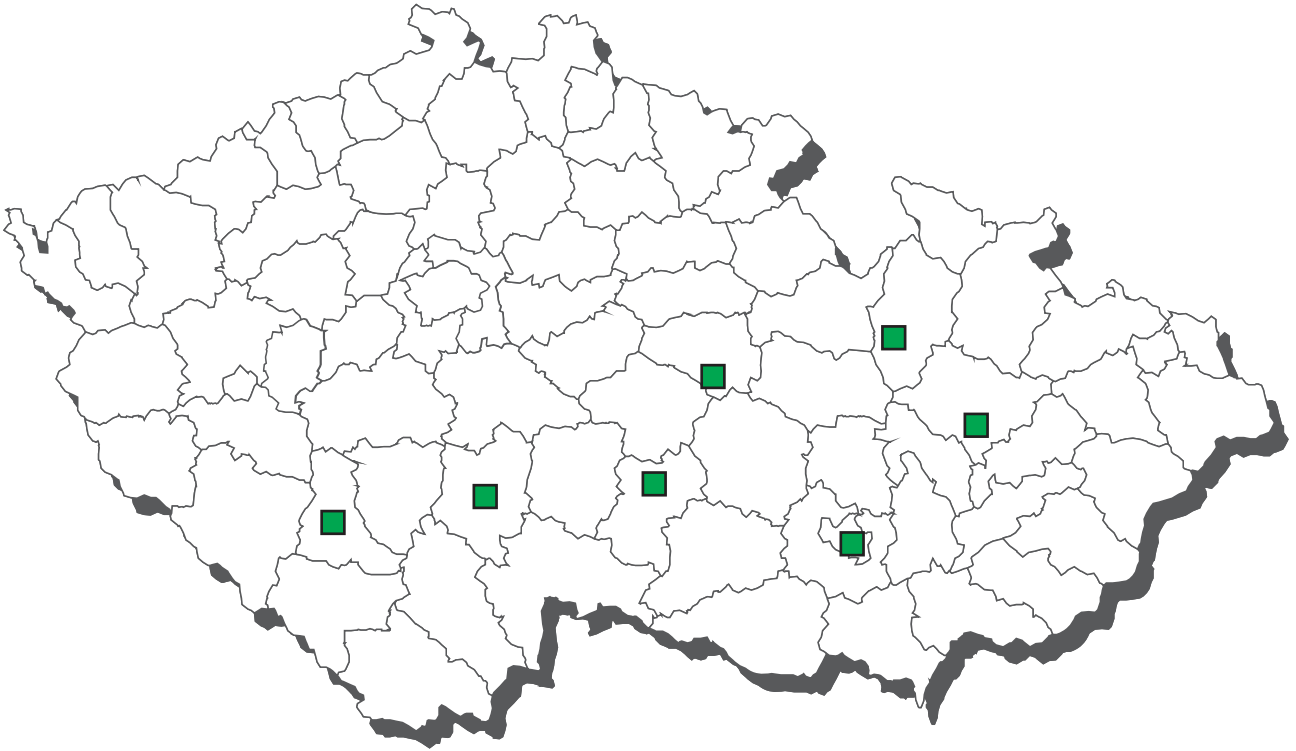
## Fermented milk products over 2 % of fat - monitoring (value in mg/kg of fat)

µg/kg	mg/kg
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Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDE	15	6	40,0	0	0,0	n.d.	0,005	n.d.	0,016	0,023
B3a 4,4'-DDT	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a DDT (sum)	15	6	40,0	0	0,0	n.d.	0,005	n.d.	0,016	0,023
B3a aldrin	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a dieldrin	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endrin	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alpha-HCH	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alfa-, beta-HCH (sum)	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a heptachlor	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	15	3	20,0	0	0,0	n.d.	0,001	n.d.	0,003	0,003
B3a endosulfan - sum	15	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a chlordan	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	15	2	13,3	0	0,0	n.d.	0,002	n.d.	0,004	0,004
B3a PCB 153 (congener)	15	2	13,3	0	0,0	n.d.	0,002	n.d.	0,004	0,005
B3a PCB 180 (congener)	15	1	6,7	0	0,0	n.d.	0,002	n.d.	n.d.	0,004
B3a PCB - sum of congeners	15	2	13,3	0	0,0	n.d.	0,003	n.d.	0,008	0,013
B3d aflatoxin M1	23	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B3e sum of syntetic color	9	0	0,0	0	0,0	n.d.	*****	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	15	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	15	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	15	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	15	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	15	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	15	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	15	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	15	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	15	0	0	0	0	0
B3d aflatoxin M1	0,05000 ug/kg	23	0	0	0	0	0

# Residues monitoring 2007 - sampling of powdered milk products

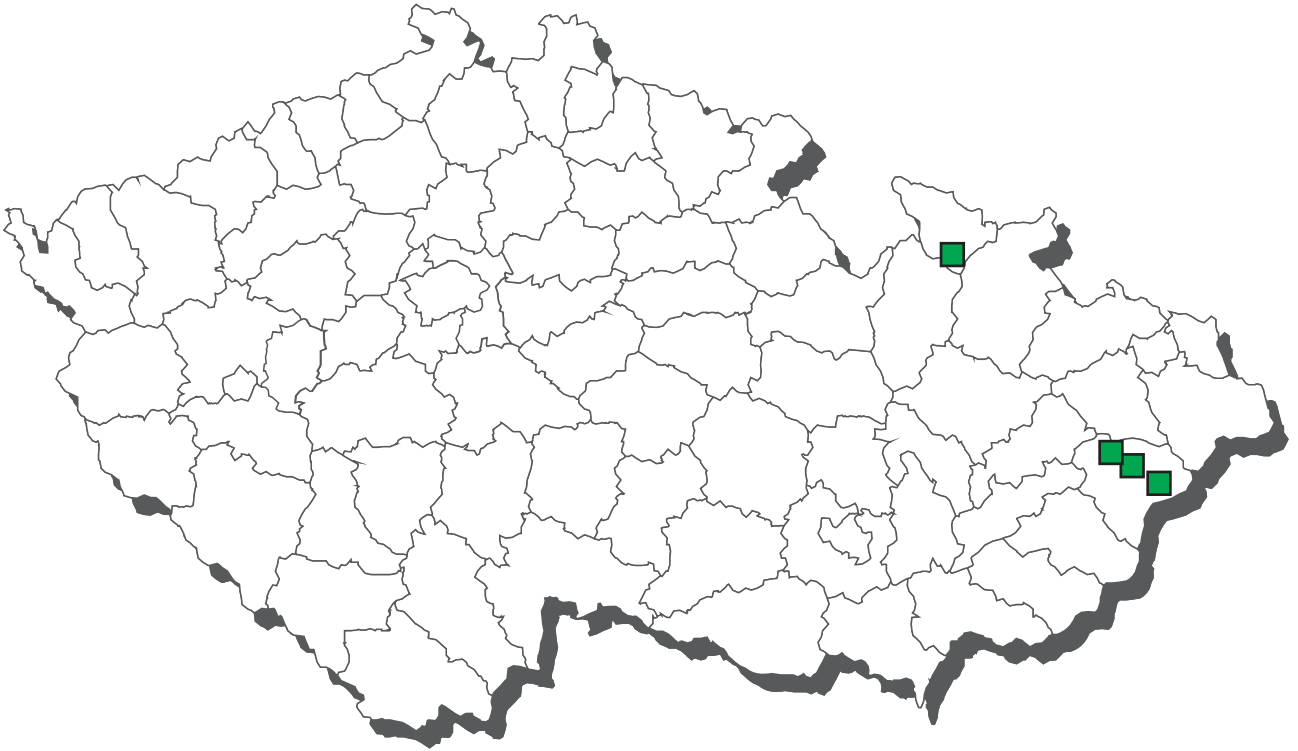


**Powdered milk products- monitoring (value in mg/kg of fat)**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3f Cesium 134	7	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3f Cesium 137	7	3	42,9	0	0,0	n.d.	0,293	-	-	0,880

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3f Cesium 134	370,00000 Bq/kg	7	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	7	0	0	0	0	0

# Residues monitoring 2007 - sampling of other milk products



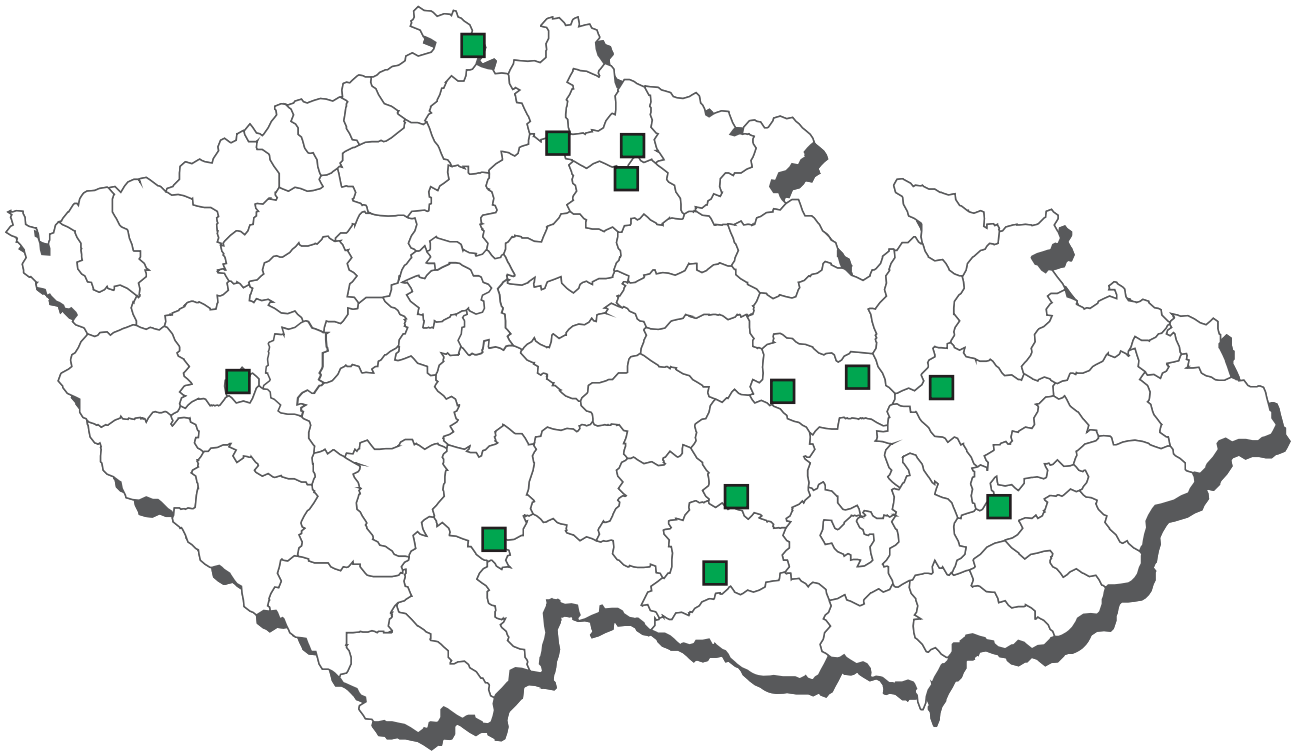


### Other milk products over 2 % of fat - monitoring (value in mg/kg of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a 4,4'-DDD	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a 4,4'-DDE	13	7	53,8	0	0,0	0,004	0,006	n.d.	0,019	0,021
B3a 4,4'-DDT	13	1	7,7	0	0,0	n.d.	0,004	n.d.	n.d.	0,033
B3a DDT (sum)	13	6	46,2	0	0,0	n.d.	0,009	n.d.	0,034	0,042
B3a aldrin	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a dieldrin	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a beta-HCH	13	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alfa-, beta-HCH (sum)	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	13	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a heptachlor	13	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	13	1	7,7	0	0,0	n.d.	0,001	n.d.	n.d.	0,003
B3a endosulfan - sum	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a chlordan	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	13	2	15,4	0	0,0	n.d.	0,002	n.d.	0,005	0,005
B3a PCB 153 (congener)	13	3	23,1	0	0,0	n.d.	0,002	n.d.	0,007	0,007
B3a PCB 180 (congener)	13	2	15,4	0	0,0	n.d.	0,002	n.d.	0,005	0,006
B3a PCB - sum of congeners	13	2	15,4	0	0,0	n.d.	0,004	n.d.	0,017	0,017
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	1	100,0	0	0,0	0,650	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	13	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	13	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	13	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	13	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	13	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	13	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	13	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	13	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	13	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	13	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	13	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	13	0	0	0	0	0
B3f Cesium 134	370,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	1	0	0	0	0	0

# Residues monitoring 2007 - sampling of hard cheeses

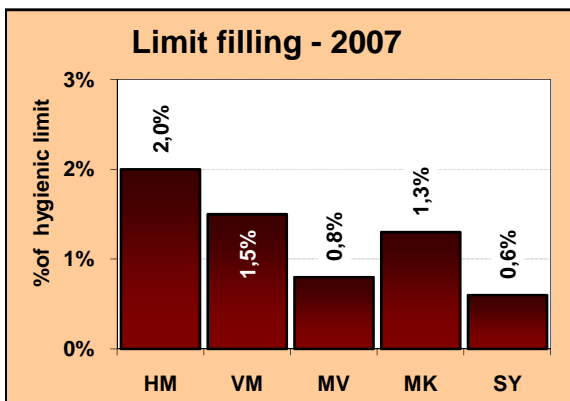
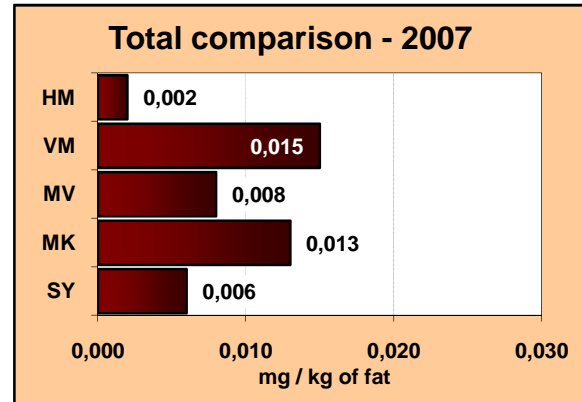
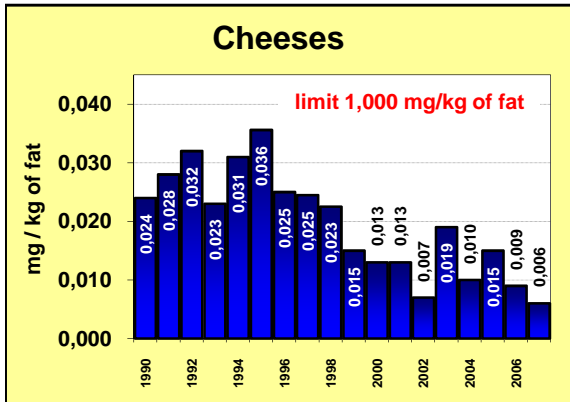
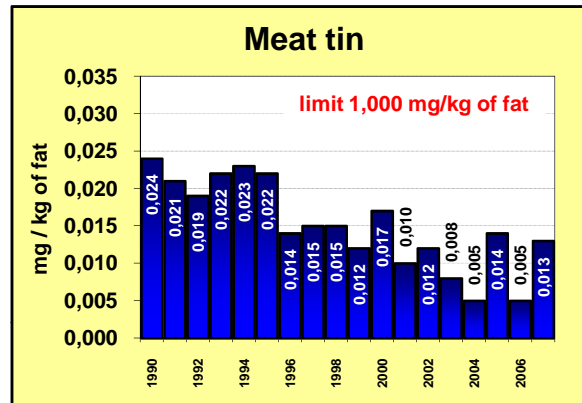
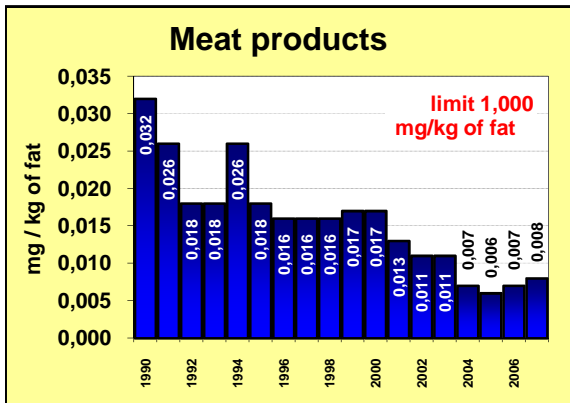
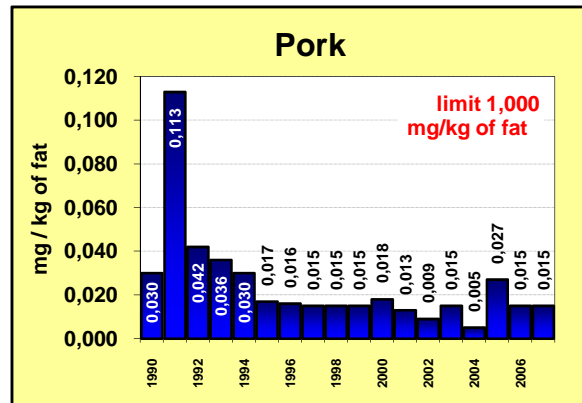
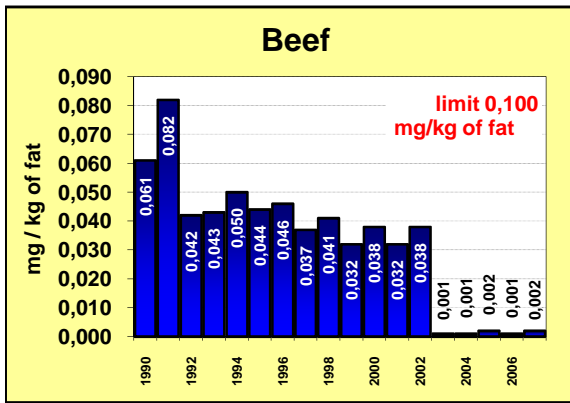


### Hard cheeses - monitoring (value in mg/kg of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDE	15	12	80,0	0	0,0	0,007	0,008	n.d.	0,017	0,021
B3a 4,4'-DDT	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a DDT (sum)	15	11	73,3	0	0,0	0,007	0,008	n.d.	0,017	0,021
B3a aldrin	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a dieldrin	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alfa-, beta-HCH (sum)	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	15	1	6,7	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a heptachlor	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	15	7	46,7	0	0,0	n.d.	0,004	n.d.	0,012	0,013
B3a endosulfan - sum	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a chlordan	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	15	1	6,7	0	0,0	n.d.	0,002	n.d.	n.d.	0,004
B3a PCB 118 (congener)	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	15	4	26,7	0	0,0	n.d.	0,002	n.d.	0,007	0,011
B3a PCB 153 (congener)	15	8	53,3	0	0,0	0,004	0,006	n.d.	0,019	0,024
B3a PCB 180 (congener)	15	5	33,3	0	0,0	n.d.	0,003	n.d.	0,010	0,013
B3a PCB - sum of congeners	15	7	46,7	0	0,0	n.d.	0,010	n.d.	0,035	0,039
B3f Cesium 134	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B3f Cesium 137	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.

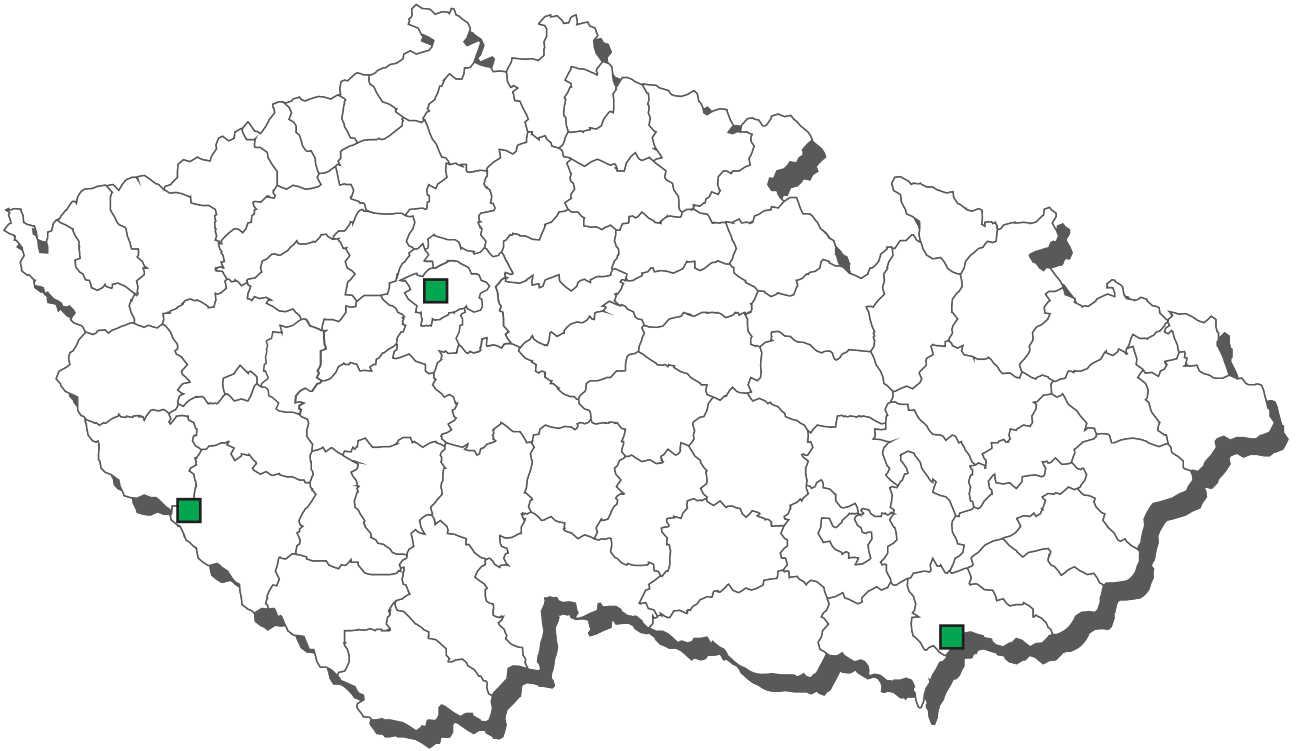
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	15	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	15	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	15	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	15	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	15	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	15	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	15	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	15	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	15	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	15	0	0	0	0	0
B3f Cesium 134	370,00000 Bq/kg	4	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	4	0	0	0	0	0

## Average content of DDT sum in foodstuffs and raw materials



HM Beef  
 VM Pork  
 MV Meat products  
 MK Meat tins  
 SY Cheeses

# Residues monitoring 2007 - sampling of processed cheeses

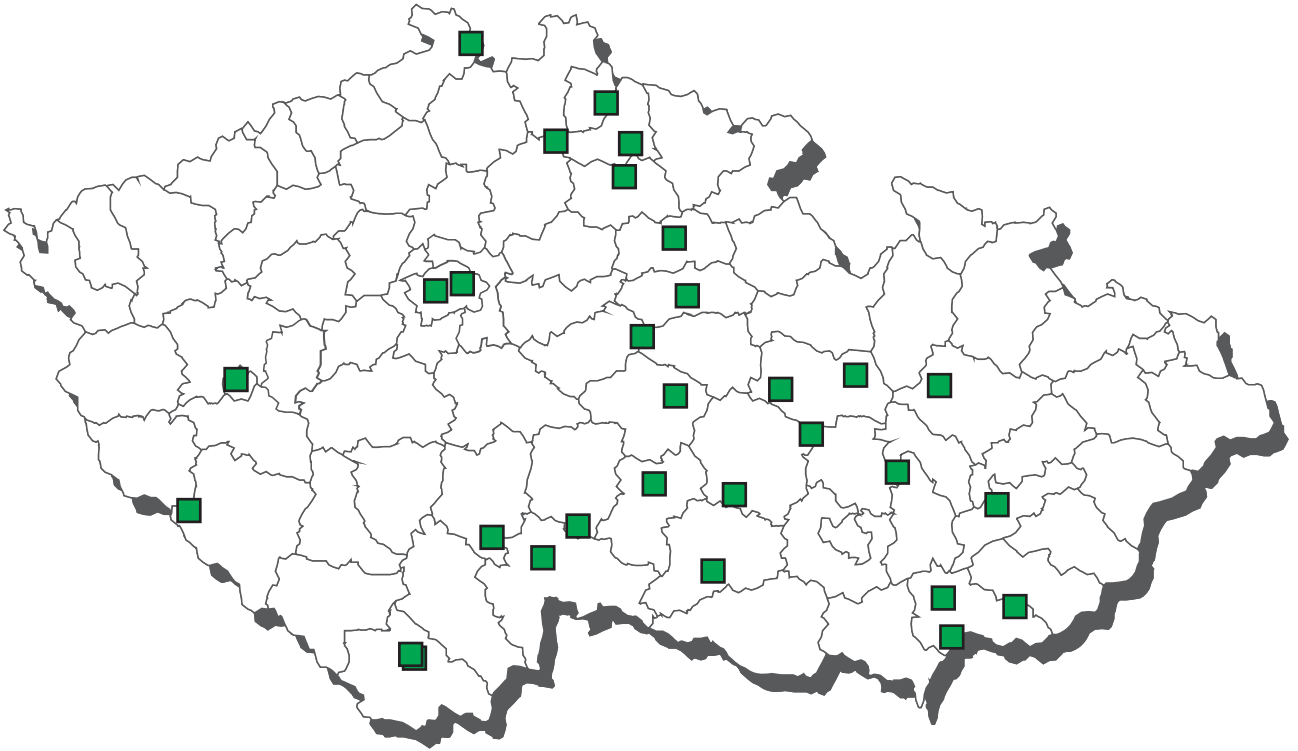


### Processed cheeses - monitoring (value in mg/kg of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	6	3	50,0	0	0,0	0,004	0,006	-	-	0,021
B3a 4,4'-DDT	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	6	3	50,0	0	0,0	0,004	0,006	-	-	0,021
B3a aldrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a dieldrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	6	1	16,7	0	0,0	n.d.	0,002	-	-	0,004
B3a gamma-HCH (lindane)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a hexachlorobenzene	6	2	33,3	0	0,0	n.d.	0,002	-	-	0,004
B3a endosulfan - sum	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a chlordan	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 28 (congener)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 101 (congener)	6	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	6	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	6	2	33,3	0	0,0	n.d.	0,002	-	-	0,005
B3a PCB 153 (congener)	6	3	50,0	0	0,0	0,003	0,003	-	-	0,007
B3a PCB 180 (congener)	6	2	33,3	0	0,0	n.d.	0,002	-	-	0,005
B3a PCB - sum of congeners	6	3	50,0	0	0,0	0,004	0,005	-	-	0,015

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	6	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	6	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	6	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	6	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	6	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	6	0	0	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	6	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	6	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	6	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	6	0	0	0	0	0

# Residues monitoring 2007 - sampling of other cheeses



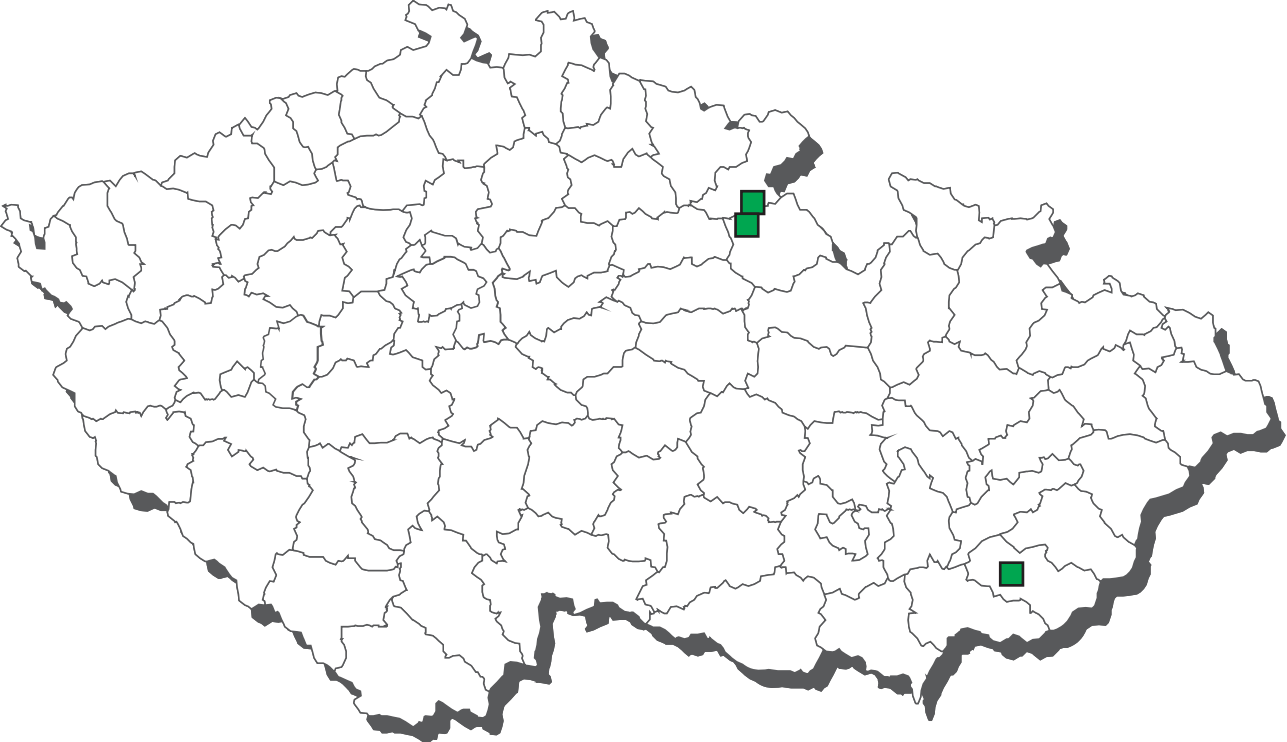
## Other cheeses - monitoring (value in mg/kg of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	39	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	39	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDE	39	29	74,4	0	0,0	0,006	0,007	n.d.	0,015	0,021
B3a 4,4'-DDT	39	2	5,1	0	0,0	n.d.	0,002	n.d.	n.d.	0,014
B3a DDT (sum)	39	28	71,8	0	0,0	0,007	0,008	n.d.	0,020	0,030
B3a aldrin	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a dieldrin	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	39	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	39	3	7,7	0	0,0	n.d.	0,003	n.d.	n.d.	0,045
B3a gamma-HCH (lindane)	39	2	5,1	0	0,0	n.d.	0,002	n.d.	n.d.	0,020
B3a heptachlor	39	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	39	16	41,0	0	0,0	n.d.	0,003	n.d.	0,009	0,013
B3a endosulfan - sum	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a chlordan	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	39	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	39	1	2,6	0	0,0	n.d.	0,002	n.d.	n.d.	0,004
B3a PCB 118 (congener)	39	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	39	12	30,8	0	0,0	n.d.	0,002	n.d.	0,005	0,011
B3a PCB 153 (congener)	39	18	46,2	0	0,0	n.d.	0,005	n.d.	0,016	0,025
B3a PCB 180 (congener)	39	11	28,2	0	0,0	n.d.	0,003	n.d.	0,008	0,017
B3a PCB - sum of congeners	39	17	43,6	0	0,0	n.d.	0,009	n.d.	0,032	0,040
B3f Cesium 134	4	0	0,0	0	0,0	2,500	n.d.	-	-	n.d.
B3f Cesium 137	4	0	0,0	0	0,0	2,500	n.d.	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	39	0	0	0	0	0
B3a aldrin	0,15000 mg/kg of fat	39	0	0	0	0	0
B3a dieldrin	0,15000 mg/kg of fat	39	0	0	0	0	0
B3a endrin	0,02000 mg/kg of fat	39	0	0	0	0	0
B3a alpha-HCH	0,10000 mg/kg of fat	39	0	0	0	0	0
B3a beta-HCH	0,07500 mg/kg of fat	38	1	0	0	0	0
B3a gamma-HCH (lindane)	0,02500 mg/kg of fat	38	0	1	0	0	0
B3a heptachlor	0,10000 mg/kg of fat	39	0	0	0	0	0
B3a hexachlorobenzene	0,25000 mg/kg of fat	39	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	39	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	39	0	0	0	0	0
B3a PCB 180 (congener)	0,10000 mg/kg of fat	39	0	0	0	0	0
B3a PCB - sum of congeners	0,10000 mg/kg of fat	39	0	0	0	0	0
B3f Cesium 134	370,00000 Bq/kg	4	0	0	0	0	0
B3f Cesium 137	370,00000 Bq/kg	4	0	0	0	0	0



# Residues monitoring 2007 - Sampling of infant and baby milk formulas

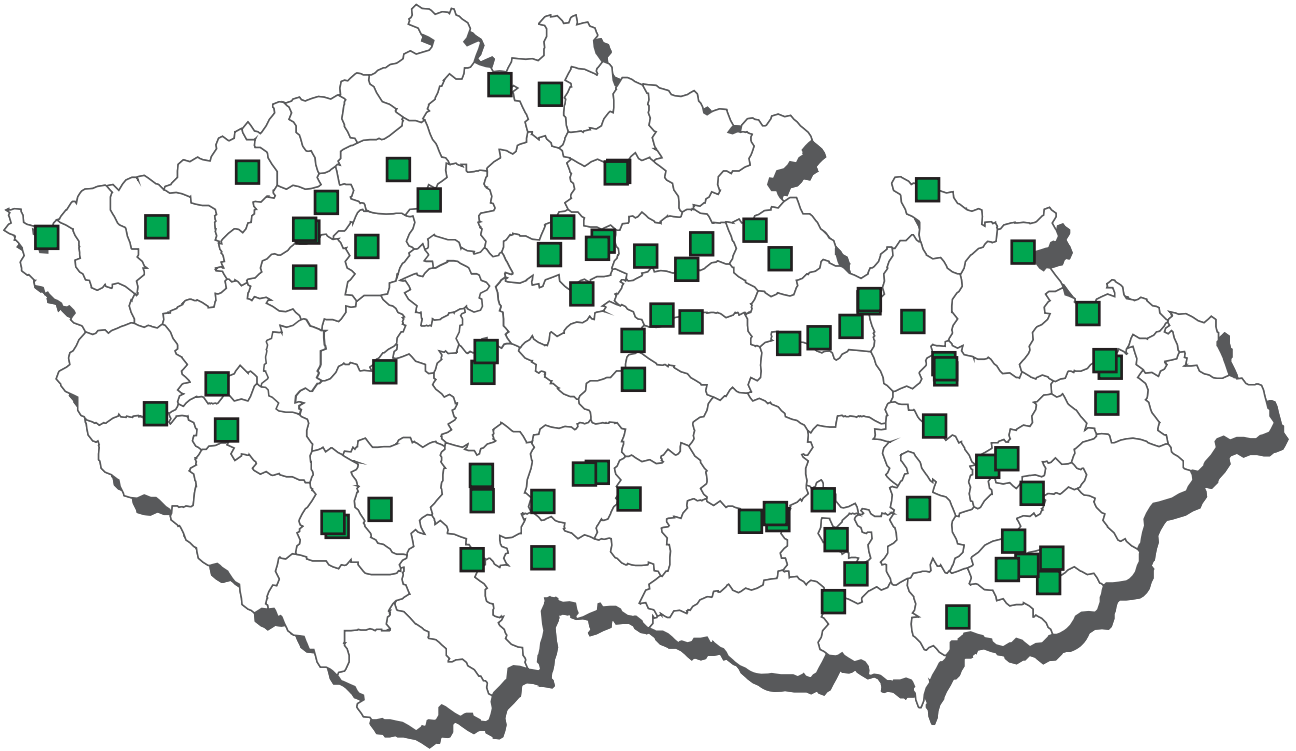


**Infant and baby milk formulas - monitoring (value in mg/kg)**
**µg/kg**

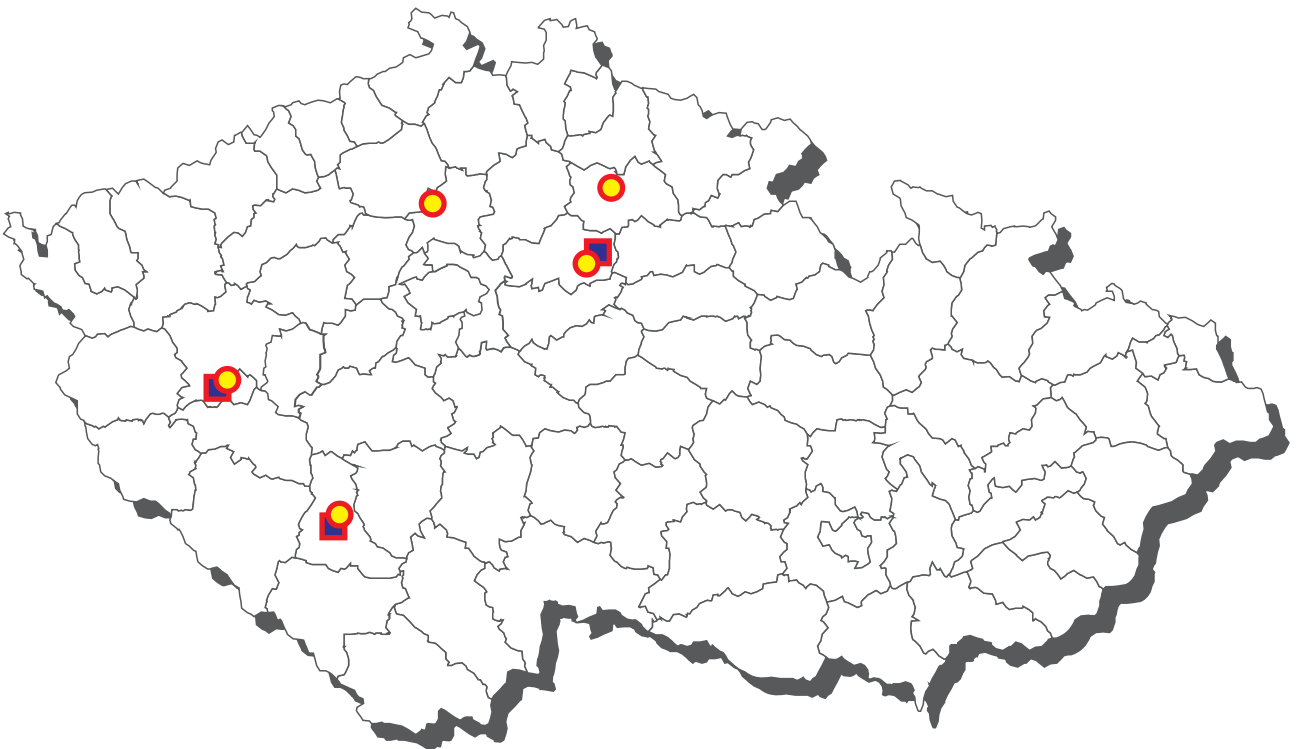
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDE	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDT	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a aldrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a chlordan	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 153 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 180 (congener)	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c arsenic	14	5	35,7	0	0,0	n.d.	0,005	n.d.	0,011	0,011
B3c cadmium	14	8	57,1	0	0,0	0,009	0,008	n.d.	0,020	0,020
B3c lead	14	1	10,0	0	0,0	n.d.	0,003	n.d.	0,008	0,008
B3c mercury	14	9	64,3	0	0,0	0,001	0,000	n.d.	0,001	0,001
B3d aflatoxin B1	12	0	0,0	0	0,0	n.d.	0,042	n.d.	n.d.	n.d.
B3d aflatoxin M1	6	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3d aflatoxins sum B1,B2,G1,G2	12	0	0,0	0	0,0	n.d.	0,067	n.d.	n.d.	n.d.
B3e sum of syntetic color	10	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B3f benzoic acid	14	4	28,6	0	0,0	n.d.	18,143	n.d.	71,250	76,900
B3f sorbic acid	14	0	0,0	0	0,0	n.d.	2,000	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a PCB - sum of congeners	0,05000 mg/kg of fat	14	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	14	0	0	0	0	0
B3c lead	0,02000 mg/kg	14	0	0	0	0	0
B3c mercury	0,02000 mg/kg	14	0	0	0	0	0
B3d aflatoxin M1	0,02500 ug/kg	6	0	0	0	0	0

# Residues monitoring 2007 - sampling of hen's eggs



## Hen's eggs - overlimits findings 2007



- nicarbazin (monitoring)
- nicarbazin (indicated sampling)

## Hen's eggs - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AHD	9	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AMOZ	9	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AOZ	16	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	46	0	0,0	0	0,0	n.d.	0,148	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	6	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	9	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
B1 beta lactamic ATB (group)	55	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 macrolides (group)	55	0	0,0	0	0,0	n.d.	0,100	n.d.	n.d.	n.d.
B1 sulfadiazine	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaguinoxaline	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	55	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	55	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2b lasalocid	50	0	0,0	0	0,0	n.d.	10,833	n.d.	n.d.	n.d.
B2b maduramicine	50	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
B2b monensin	50	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
B2b narazin	50	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
B2b nicarbazine	50	5	10,0	5	10,0	n.d.	3,528	n.d.	3,780	91,350
B2b salinomycine	50	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
B2c deltamethrin	25	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c cyhalothrin	25	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	25	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	25	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B3a 2,4'-DDT	67	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	67	2	3,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,006
B3a 4,4'-DDE	67	21	31,3	0	0,0	n.d.	0,004	n.d.	0,008	0,102
B3a 4,4'-DDT	67	10	14,9	0	0,0	n.d.	0,003	n.d.	0,012	0,029
B3a aldrin	67	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	67	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	67	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a DDT (sum)	67	23	34,3	0	0,0	n.d.	0,007	n.d.	0,019	0,105
B3a dieldrin	67	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endosulfan - sum	67	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	67	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	67	2	3,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,015
B3a heptachlor	67	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	67	6	9,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,012
B3a chlordan	67	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	73	17	23,3	0	0,0	n.d.	0,007	n.d.	0,023	0,080
B3a PCB 101 (congener)	73	1	1,4	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a PCB 118 (congener)	73	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	73	12	16,4	0	0,0	n.d.	0,003	n.d.	0,006	0,040
B3a PCB 153 (congener)	73	18	24,7	0	0,0	n.d.	0,003	n.d.	0,008	0,034
B3a PCB 180 (congener)	73	15	20,5	0	0,0	n.d.	0,003	n.d.	0,007	0,022
B3a PCB 28 (congener)	73	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	73	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c cyhalothrin	0,20000 mg/kg of fat	25	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,50000 mg/kg of fat	25	0	0	0	0	0
B2c deltamethrin	0,50000 mg/kg of fat	25	0	0	0	0	0
B2c permethrin (sum of isomers)	0,50000 mg/kg of fat	25	0	0	0	0	0
B3a DDT (sum)	0,50000 mg/kg of fat	67	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	67	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	67	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	67	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	67	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	67	0	0	0	0	0
B3a gamma-HCH (lindane)	1,00000 mg/kg of fat	67	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	67	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	67	0	0	0	0	0
B3a endosulfan - sum	1,00000 mg/kg of fat	67	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	67	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	73	0	0	0	0	0

### Hen's eggs - monitoring - list of overlimit findings

Sampling	cadastral district	district	value
<b>nicarbazine</b>			
24.8.2007	Citov	Melnik	23,3 ug/kg
17.7.2007	Mestec Kralove	Nymburk	2,25 ug/kg
17.10.2007	Soberaz	Jicin	91,35 ug/kg
23.10.2007	Strakonice	Strakonice	10,2 ug/kg
18.9.2007	Vejprnice	Plzeň Sever	4,3 ug/kg

### Hen's eggs - dioxins - monitoring (value in pg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	7	7	100,0	0	0,0	11,100	141,091	-	-	435,000
B3a PCB 114 (congener)	7	7	100,0	0	0,0	1,770	5,697	-	-	13,600
B3a PCB 118 (congener)	7	7	100,0	0	0,0	36,000	1168,671	-	-	3880,000
B3a PCB 123 (congener)	7	7	100,0	0	0,0	2,630	30,724	-	-	95,400
B3a PCB 126 (congener)	7	3	42,9	0	0,0	n.d.	2,107	-	-	7,150
B3a PCB 156 (congener)	7	7	100,0	0	0,0	9,590	773,436	-	-	2700,000
B3a PCB 157 (congener)	7	5	71,4	0	0,0	0,956	54,653	-	-	191,000
B3a PCB 167 (congener)	7	7	100,0	0	0,0	4,850	344,410	-	-	1230,000
B3a PCB 169 (congener)	7	0	0,0	0	0,0	n.d.	0,228	-	-	n.d.
B3a PCB 189 (congener)	7	4	57,1	0	0,0	1,350	143,441	-	-	516,000
B3a PCB 77 (congener)	7	7	100,0	0	0,0	6,860	34,017	-	-	108,000
B3a PCB 81 (congener)	7	4	57,1	0	0,0	0,484	1,995	-	-	6,340
B3a WHO-PCDD/F-PCB-TEQ	7	7	100,0	0	0,0	0,810	1,573	-	-	3,540
B3a WHO-PCDD/F-TEQ	7	7	100,0	0	0,0	0,737	0,775	-	-	0,910
B3a 1,2,3,4,6,7,8-HpCDD	7	3	42,9	0	0,0	n.d.	1,022	-	-	1,930
B3a 1,2,3,4,6,7,8-HpCDF	7	0	0,0	0	0,0	n.d.	0,122	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	7	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	7	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,161	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	7	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,131	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	7	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	7	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	7	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	7	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	7	0	0,0	0	0,0	n.d.	0,141	-	-	n.d.
B3a 2,3,7,8-TCDD	7	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	7	1	14,3	0	0,0	n.d.	0,211	-	-	0,746
B3a OCDD	7	6	85,7	0	0,0	9,350	8,182	-	-	11,800
B3a OCDF	7	0	0,0	0	0,0	n.d.	0,275	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	6,00000 pg/g of fat	5	2	0	0	0	0
B3a WHO-PCDD/F-TEQ	3,00000 pg/g of fat	7	0	0	0	0	0

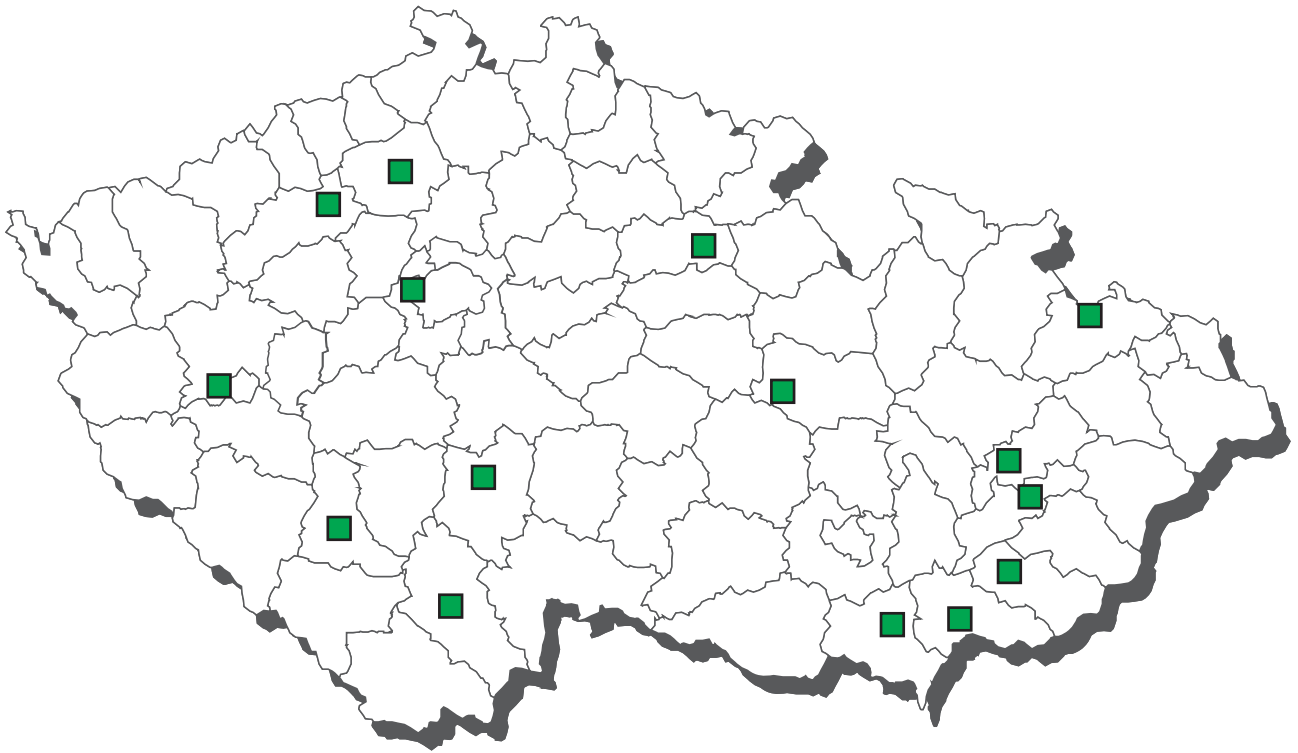
### Hen's eggs - indicated sampling (value in ug/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B2b lasalocid	3	0	0,0	0	0,0	n.d.	37,500	-	-	n.d.
B2b maduramicine	3	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B2b monensin	3	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B2b narazin	3	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B2b nicarbazine	18	5	27,8	5	27,8	n.d.	2,762	n.d.	7,493	19,400
B2b salinomycine	3	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.

### Hen's eggs - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
<b>nicarbazine</b>			
9.8.2007	Mestec Kralove	Nymburk	6,17 ug/kg
20.8.2007	Mestec Kralove	Nymburk	3,73 ug/kg
1.11.2007	Predni Ptakovice	Strakonice	19,4 ug/kg
12.11.2007	Strakonice	Strakonice	5,08 ug/kg
5.10.2007	Vejprnice	Plzeň Sever	2,33 ug/kg

# Residues monitoring 2007 - sampling of egg products

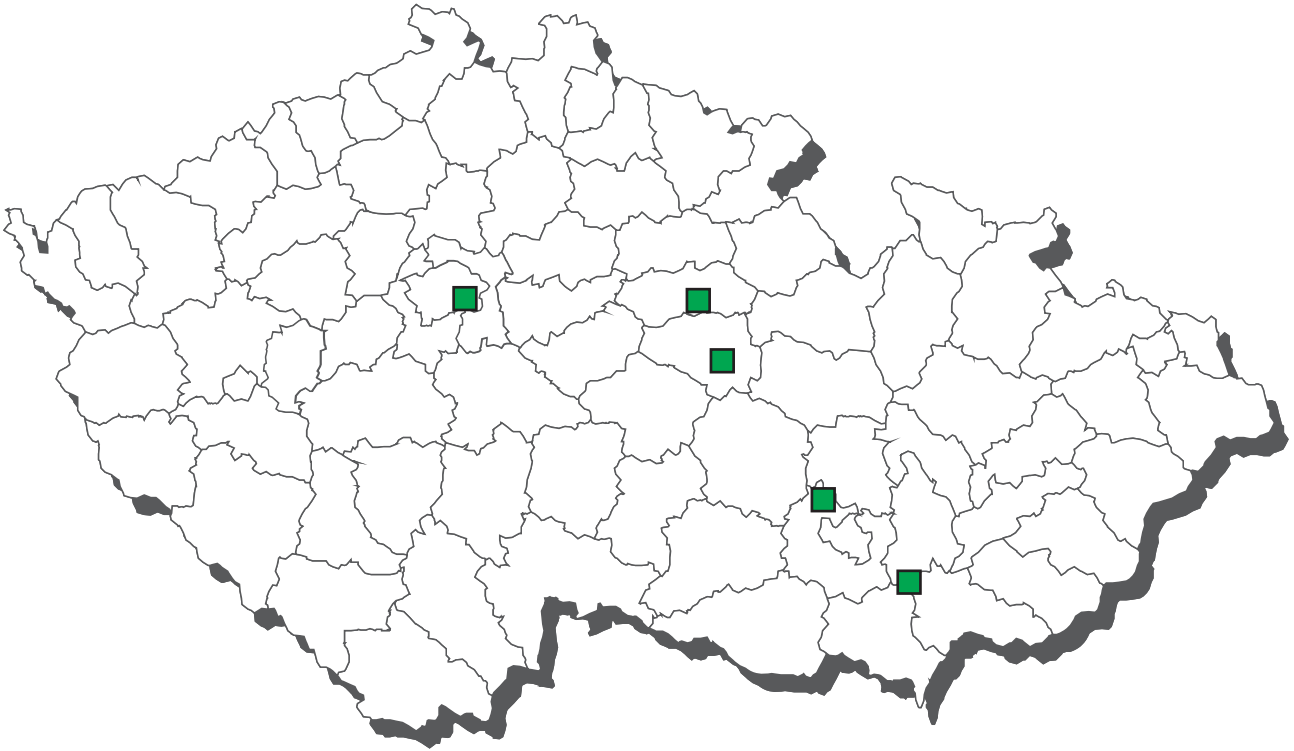


## Egg products - monitoring (value in mg/kg of fat)

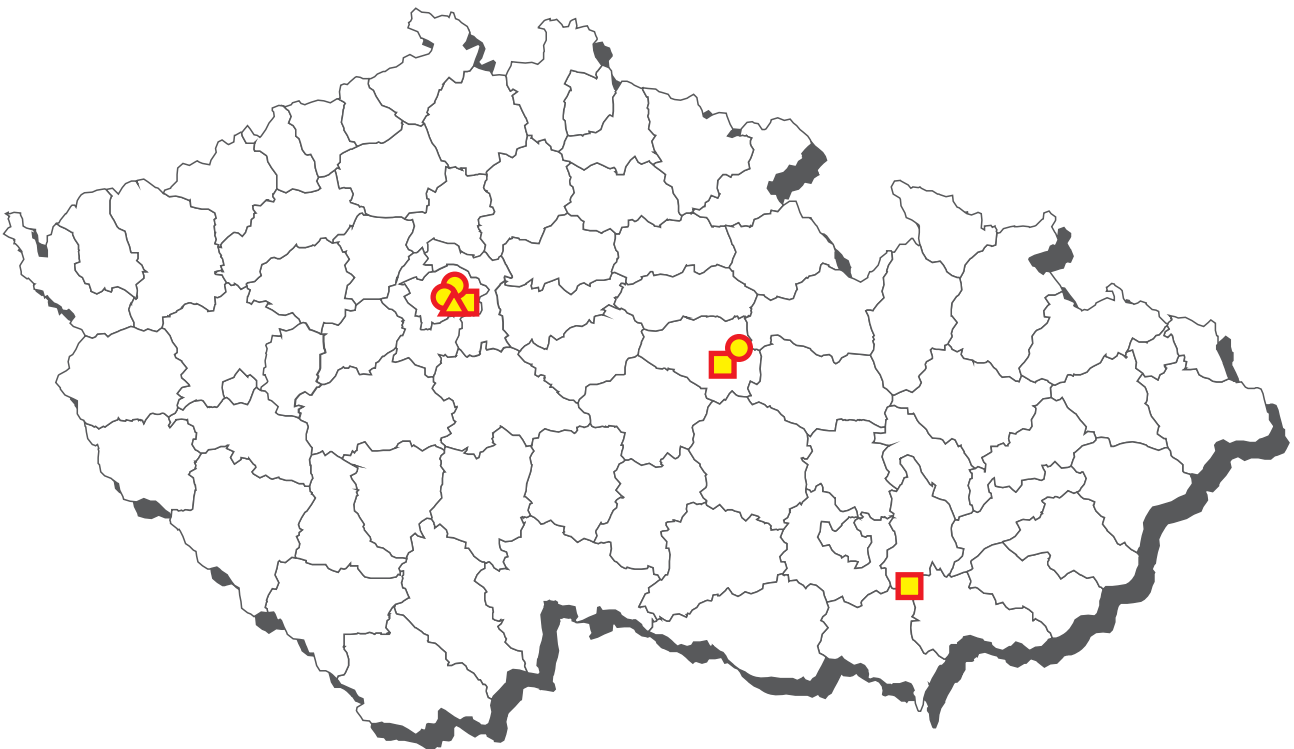
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDE	21	6	28,6	0	0,0	n.d.	0,004	n.d.	0,007	0,062
B3a 4,4'-DDT	21	4	19,0	0	0,0	n.d.	0,003	n.d.	0,006	0,026
B3a DDT (sum)	21	8	38,1	0	0,0	n.d.	0,006	n.d.	0,023	0,062
B3a aldrin	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a dieldrin	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endrin	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alpha-HCH	21	1	4,8	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a beta-HCH	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a heptachlor	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	21	3	14,3	0	0,0	n.d.	0,001	n.d.	0,003	0,004
B3a endosulfan - sum	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a chlordan	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	21	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	21	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	21	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	21	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	21	3	14,3	0	0,0	n.d.	0,002	n.d.	0,005	0,006
B3a PCB 153 (congener)	21	3	14,3	0	0,0	n.d.	0,002	n.d.	0,006	0,007
B3a PCB 180 (congener)	21	3	14,3	0	0,0	n.d.	0,002	n.d.	0,004	0,006
B3a PCB - sum of congeners	21	3	14,3	0	0,0	n.d.	0,003	n.d.	0,010	0,019

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,50000 mg/kg of fat	21	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	21	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	21	0	0	0	0	0
B3a gamma-HCH (lindane)	1,00000 mg/kg of fat	21	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a endosulfan - sum	1,00000 mg/kg of fat	21	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 28 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 52 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 101 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 118 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 138 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 153 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB 180 (congener)	0,20000 mg/kg of fat	21	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	21	0	0	0	0	0

## Residues monitoring 2007 - sampling of quail's eggs



## Quail's eggs - overlimits findings 2007



■ nicarbazin - monitoring  
● nicarbazin - indicated sampling

▲ narazin (monitoring and indicated sampling)



## Quail's eggs - monitoring (value in mg/kg)

µg/kg	mg/kg of fat
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Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 AOZ	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB	5	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 macrolides (group)	5	0	0,0	0	0,0	n.d.	0,100	-	-	n.d.
B1 sulfachlorpyridazine	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadiazine	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimethoxine	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimidine	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadoxin	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamerazin	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxazole	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxydiazine	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfaquinoxaline	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfathiazole	5	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 tetracycline (group)	5	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2b lasalocid	4	0	0,0	0	0,0	n.d.	1,375	-	-	n.d.
B2b maduramicine	4	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B2b monensin	4	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B2b narazin	4	1	25,0	1	25,0	n.d.	2,190	-	-	5,760
B2b nicarbazin	4	3	75,0	3	50,0	3,800	73,525	-	-	285,500
B2b salinomycine	4	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
B3a 2,4'-DDT	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	5	1	20,0	0	0,0	n.d.	0,004	-	-	0,014
B3a 4,4'-DDE	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDT	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a DDT (sum)	5	1	20,0	0	0,0	n.d.	0,004	-	-	0,014
B3a PCB - sum of congeners	5	1	20,0	0	0,0	n.d.	0,002	-	-	0,005
B3a PCB 101 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 118 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	5	1	20,0	0	0,0	n.d.	0,001	-	-	0,004
B3a PCB 153 (congener)	5	1	20,0	0	0,0	n.d.	0,002	-	-	0,004
B3a PCB 180 (congener)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a aldrin	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a chlordan	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a dieldrin	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endosulfan - sum	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a hexachlorobenzene	5	1	20,0	0	0,0	n.d.	0,001	-	-	0,003

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,50000 mg/kg of fat	5	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	5	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	5	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a endosulfan - sum	1,00000 mg/kg of fat	5	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	5	0	0	0	0	0
B3a gamma-HCH (lindane)	1,00000 mg/kg of fat	5	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	5	0	0	0	0	0

## Quail's eggs - monitoring - list of overlimit findings

Sampling	cadastral district	district	value
<b>nicarbazin</b>			
12.6.2007	Dambrice	Hodonin	3,8 ug/kg
16.5.2007	Mrakotin u Skutce	Chrudim	3,8 ug/kg
19.9.2007	Uhrineves	Praha	285,5 ug/kg
<b>narazin</b>			
19.9.2007	Uhrineves	Praha	5,76 ug/kg

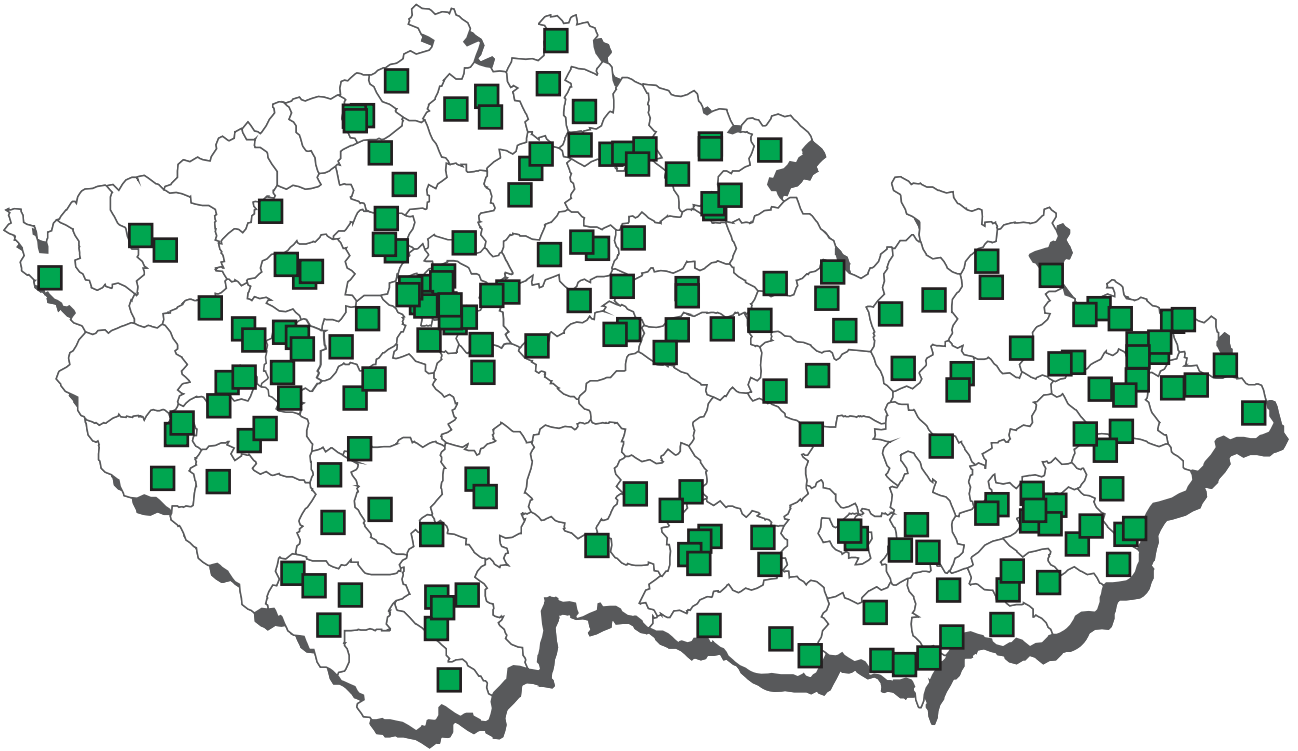
### Quail's eggs - indicated sampling (value in ug/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B2b narazin	3	1	33,3	1	33,3	n.d.	3,767	-	-	9,300
B2b nicarbazine	6	3	50,0	3	50,0	8,600	69,683	-	-	344,000

### Quail's eggs - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
<b>nicarbazin</b>			
31.5.2007	Mrakotin u Skutce	Chrudim	55,9 ug/kg
29.10.2007	Uhrineves	Praha	344,0 ug/kg
30.10.2007	Radlice	Praha	15,2 ug/kg
<b>narazin</b>			
29.10.2007	Uhrineves	Praha	9,3 ug/kg

# Residues monitoring 2007 - sampling of meat products



## Meat products - monitoring (value in mg/kg of fat)

mg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	122	6	4,9	0	0,0	n.d.	0,001	n.d.	n.d.	0,017
B3a 4,4'-DDE	122	66	54,1	0	0,0	0,004	0,005	n.d.	0,010	0,028
B3a 4,4'-DDT	122	24	19,7	0	0,0	n.d.	0,004	n.d.	0,010	0,098
B3a DDT (sum)	122	67	54,9	0	0,0	0,005	0,008	n.d.	0,019	0,143
B3a aldrin	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a dieldrin	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endrin	122	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	122	1	0,8	0	0,0	n.d.	0,001	n.d.	n.d.	0,024
B3a gamma-HCH (lindane)	122	3	2,5	0	0,0	n.d.	0,001	n.d.	n.d.	0,013
B3a heptachlor	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	122	25	20,5	0	0,0	n.d.	0,001	n.d.	0,003	0,008
B3a endosulfan - sum	122	1	0,8	0	0,0	n.d.	0,002	n.d.	n.d.	0,008
B3a chlordan	122	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	122	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	122	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	122	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	122	24	19,7	0	0,0	n.d.	0,003	n.d.	0,005	0,032
B3a PCB 153 (congener)	122	29	23,8	0	0,0	n.d.	0,003	n.d.	0,007	0,037
B3a PCB 180 (congener)	122	26	21,3	0	0,0	n.d.	0,003	n.d.	0,006	0,057
B3a PCB - sum of congeners	122	36	29,5	0	0,0	n.d.	0,007	n.d.	0,016	0,121
B3c cadmium	118	29	25,0	0	0,0	n.d.	0,004	n.d.	0,008	0,035
B3c lead	118	17	14,7	0	0,0	n.d.	0,010	n.d.	0,020	0,040
B3c mercury	118	71	61,2	0	0,0	0,001	0,002	n.d.	0,004	0,011
B3e sum of syntetic color	62	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.

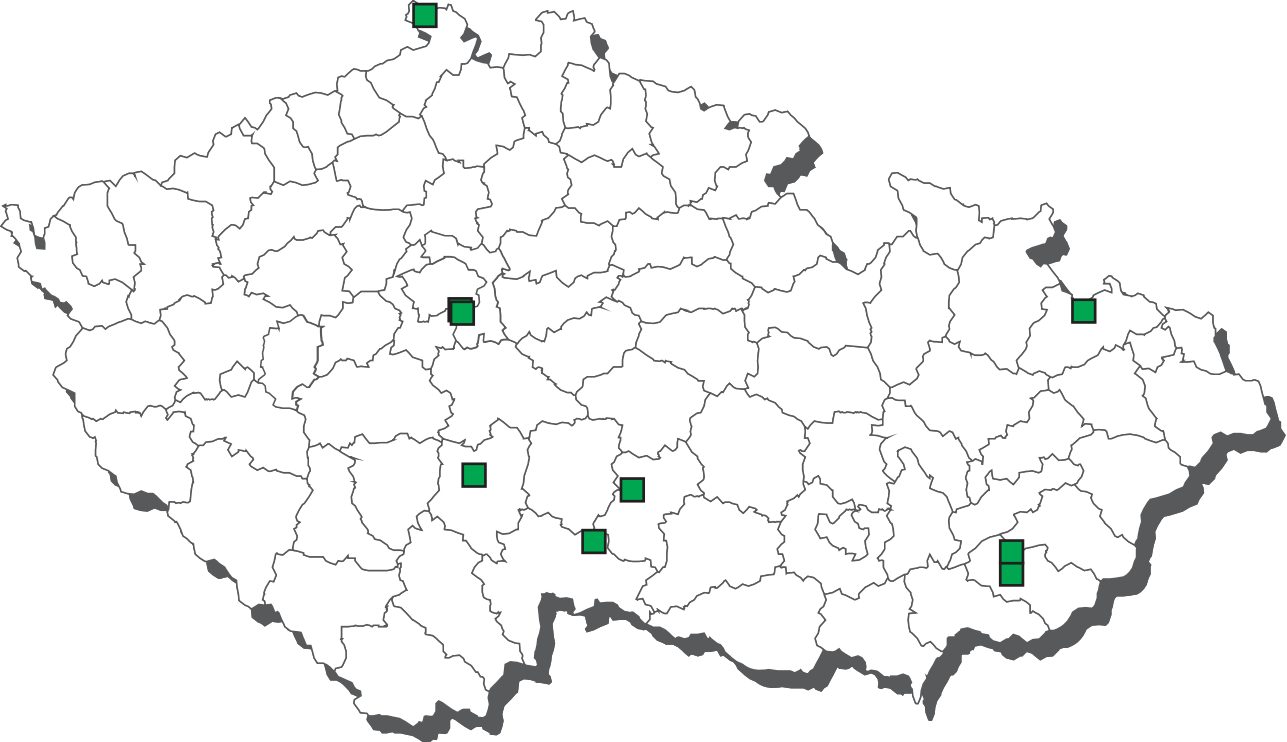
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	122	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	122	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	122	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	122	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	122	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02000 mg/kg of fat	121	1	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	122	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	121	1	0	0	0	0
B3c cadmium	0,05000 mg/kg	116	2	0	0	0	0
B3c lead	0,10000 mg/kg	118	0	0	0	0	0
B3c mercury	0,05000 mg/kg	118	0	0	0	0	0

## Meat products - indicated sampling (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3e E128 - Red 2G	30	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B3f sodium nitrite	279	225	80,6	0	0,0	29,100	29,219	n.d.	59,800	98,000
B3f benzo(a)pyren	29	21	72,4	0	0,0	0,260	0,771	n.d.	2,220	4,220
B3f polyphosfats (group - as P2O)	33	31	93,9	0	0,0	1718,000	1670,361	393,600	3059,600	3838,000

# Residues monitoring 2007 - sampling of poultry meat products



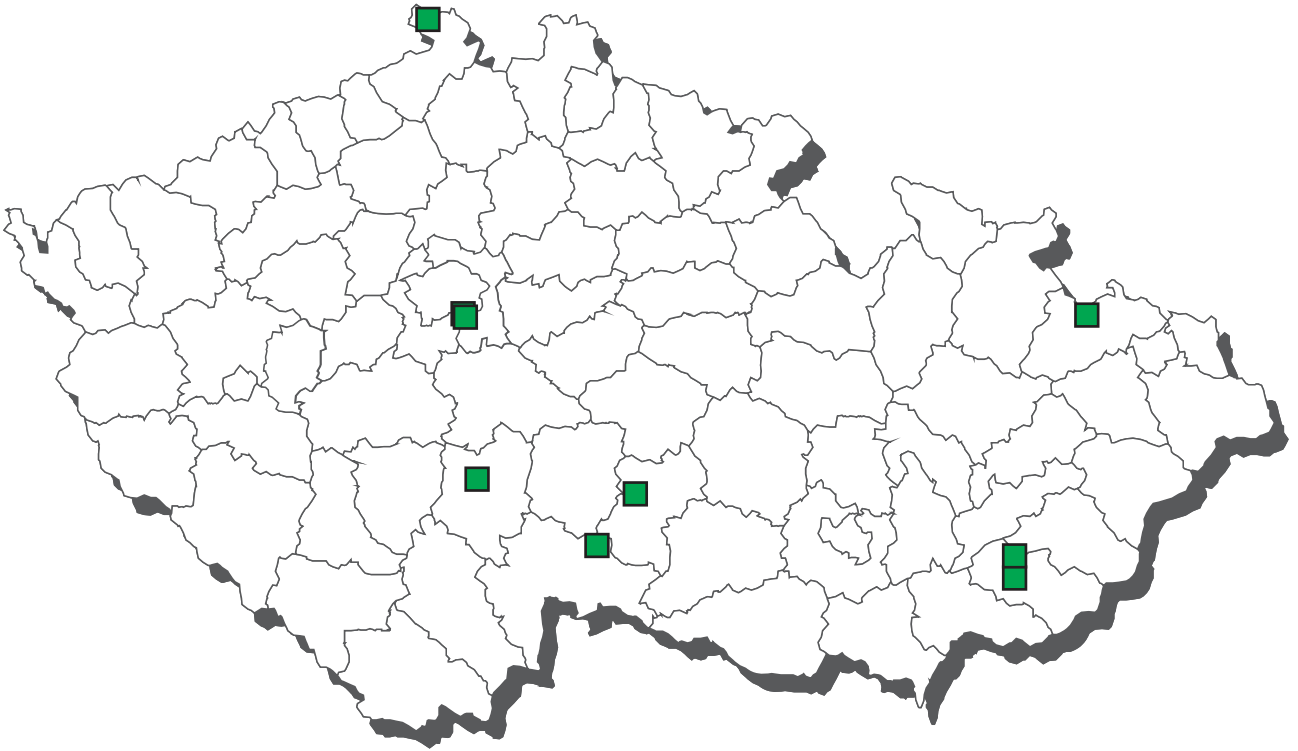
## Poultry meat products - monitoring (value in mg/kg of fat)

mg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	5	1	20,0	0	0,0	n.d.	0,002	-	-	0,005
B3a 4,4'-DDE	5	2	40,0	0	0,0	n.d.	0,007	-	-	0,019
B3a 4,4'-DDT	5	1	20,0	0	0,0	n.d.	0,002	-	-	0,006
B3a DDT (sum)	5	2	40,0	0	0,0	n.d.	0,009	-	-	0,030
B3a aldrin	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a dieldrin	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endrin	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alpha-HCH	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a gamma-HCH (lindane)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	5	1	20,0	0	0,0	n.d.	0,001	-	-	0,003
B3a endosulfan - sum	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a chlordan	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 101 (congener)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 153 (congener)	5	2	40,0	0	0,0	n.d.	0,002	-	-	0,005
B3a PCB 180 (congener)	5	1	20,0	0	0,0	n.d.	0,002	-	-	0,007
B3a PCB - sum of congeners	5	2	40,0	0	0,0	n.d.	0,004	-	-	0,012
B3c cadmium	10	3	30,0	0	0,0	n.d.	0,005	n.d.	0,019	0,020
B3c lead	10	1	10,0	0	0,0	n.d.	0,008	n.d.	0,020	0,020
B3c mercury	10	8	80,0	0	0,0	0,001	0,002	n.d.	0,005	0,005
B3e sum of syntetic color	5	0	0,0	0	0,0	n.d.	*****	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	5	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	5	0	0	0	0	0
B3a gamma-HCH (lindane)	0,70000 mg/kg of fat	5	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	5	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	5	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	10	0	0	0	0	0
B3c lead	0,10000 mg/kg	10	0	0	0	0	0
B3c mercury	0,05000 mg/kg	10	0	0	0	0	0

# Residues monitoring 2007 - sampling of canned meat



## Canned meat - monitoring (value in mg/kg of fat)

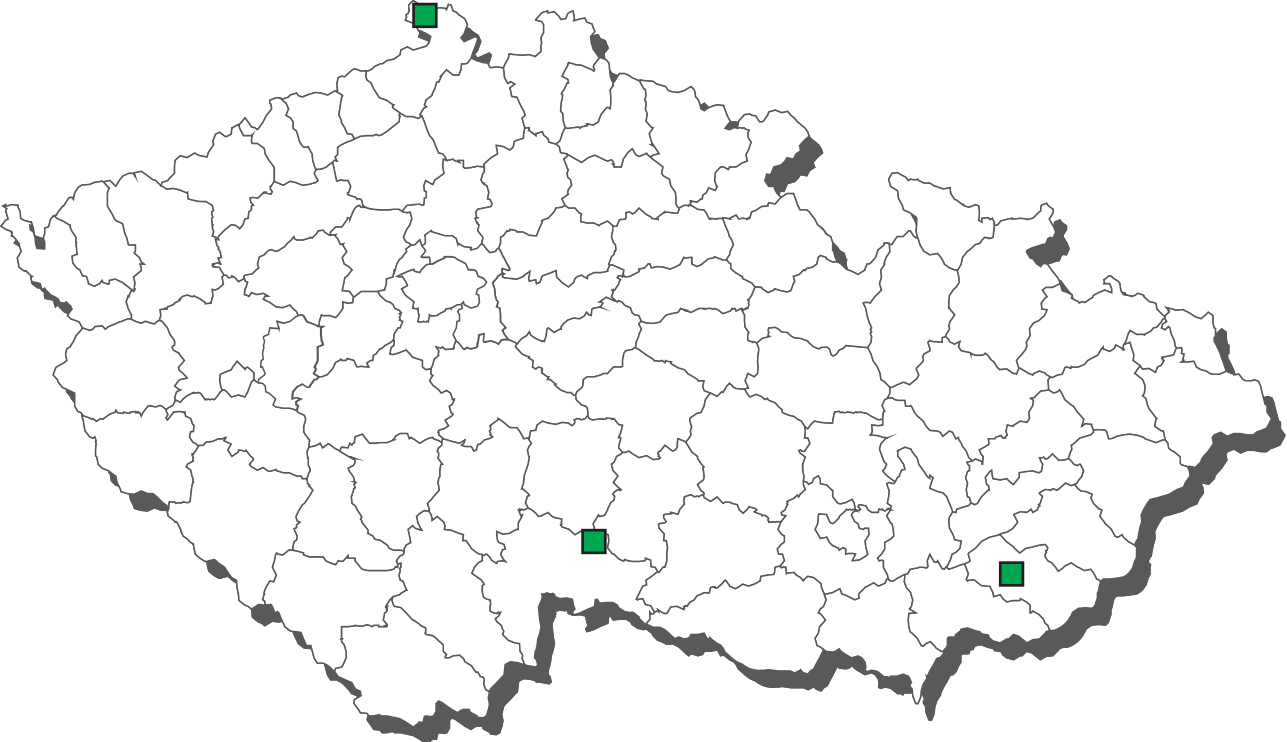
mg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a 4,4'-DDD	12	2	16,7	0	0,0	n.d.	0,002	n.d.	0,005	0,005
B3a 4,4'-DDE	12	7	58,3	0	0,0	0,004	0,004	n.d.	0,016	0,018
B3a 4,4'-DDT	12	4	33,3	0	0,0	n.d.	0,009	n.d.	0,042	0,054
B3a DDT (sum)	12	6	50,0	0	0,0	0,005	0,013	n.d.	0,055	0,069
B3a aldrin	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a dieldrin	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endrin	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a beta-HCH	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a heptachlor	12	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	12	2	16,7	0	0,0	n.d.	0,002	n.d.	0,006	0,007
B3a endosulfan - sum	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a chlordan	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	12	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	12	1	8,3	0	0,0	n.d.	0,003	n.d.	n.d.	0,012
B3a PCB 153 (congener)	12	3	25,0	0	0,0	n.d.	0,004	n.d.	0,014	0,016
B3a PCB 180 (congener)	12	3	25,0	0	0,0	n.d.	0,003	n.d.	0,009	0,009
B3a PCB - sum of congeners	12	3	25,0	0	0,0	n.d.	0,007	n.d.	0,031	0,037
B3c tin	16	4	25,0	0	0,0	n.d.	1,210	n.d.	10,000	10,000
B3c cadmium	16	6	33,3	0	0,0	n.d.	0,005	n.d.	0,012	0,019
B3c lead	16	4	22,2	0	0,0	n.d.	0,011	n.d.	0,040	0,040

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	12	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	12	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	12	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	12	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	12	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02000 mg/kg of fat	12	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	12	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	12	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	16	0	0	0	0	0
B3c lead	0,10000 mg/kg	16	0	0	0	0	0
B3c tin	200,00000 mg/kg	16	0	0	0	0	0



# Residues monitoring 2007 - sampling of canned poultry meat

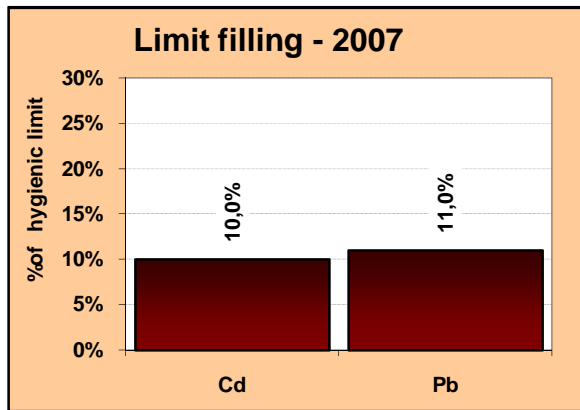
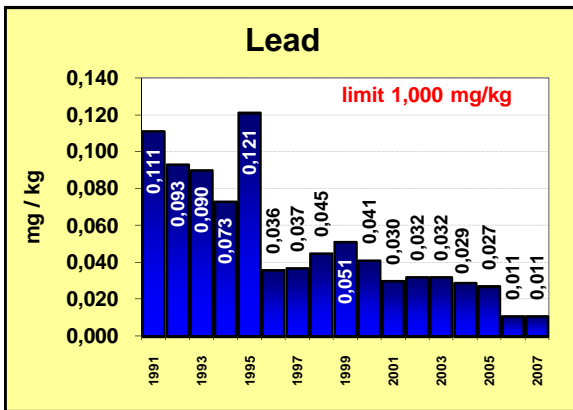
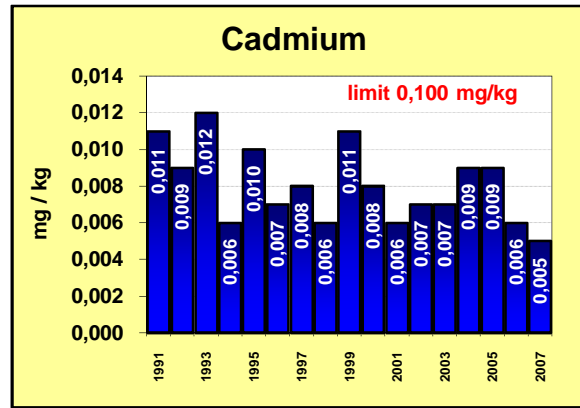
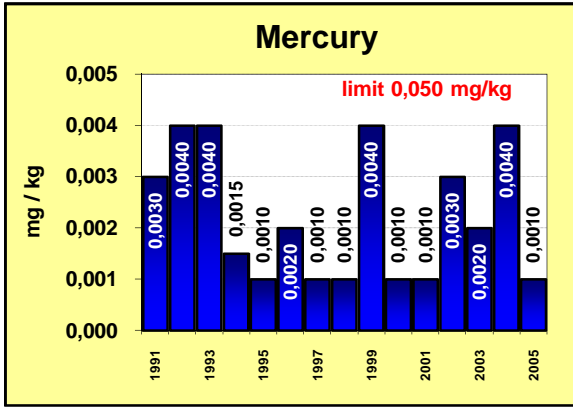


## Canned poultry - monitoring (value in mg/kg of fat)

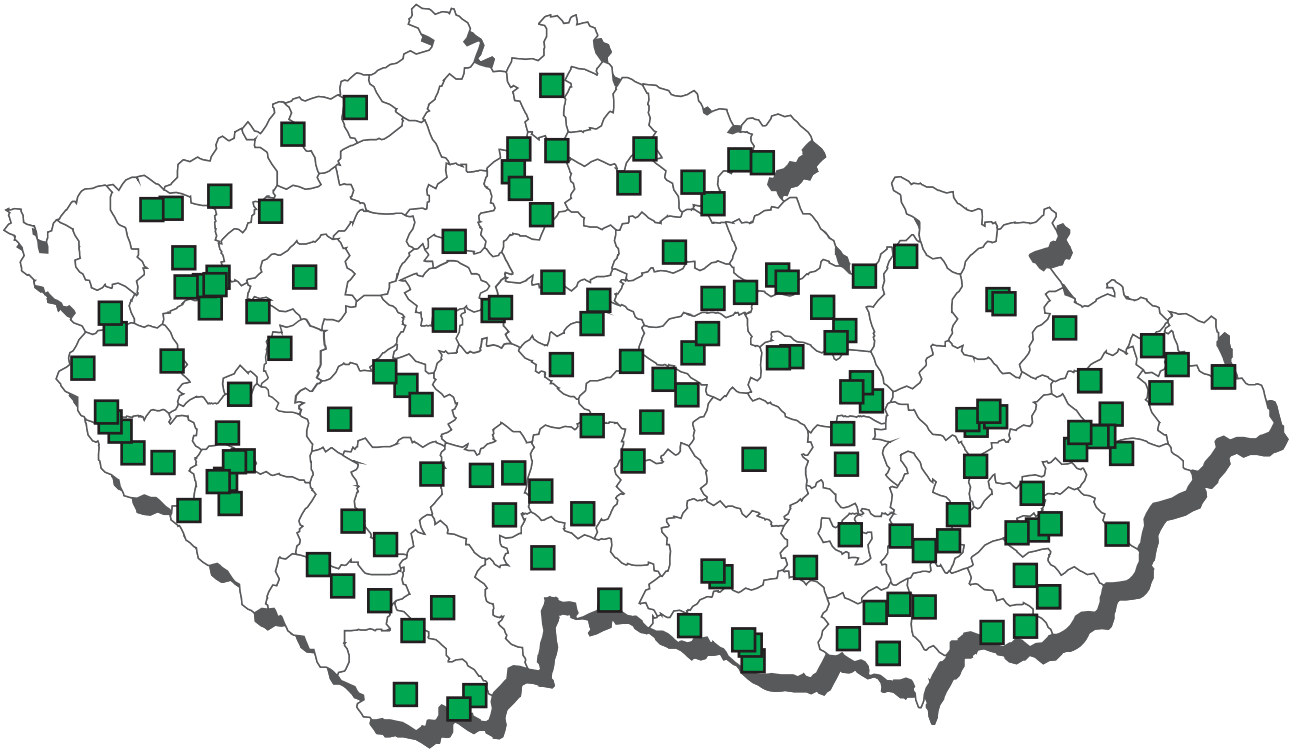
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	2	1	50,0	0	0,0	0,002	0,001	-	-	0,002
B3a 4,4'-DDT	2	1	50,0	0	0,0	0,004	0,004	-	-	0,006
B3a DDT (sum)	2	1	50,0	0	0,0	0,004	0,004	-	-	0,006
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endrin	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a hexachlorobenzene	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endosulfan - sum	2	0	0,0	0	0,0	n.d.	-	-	-	-
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 28 (congener)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 101 (congener)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	2	1	50,0	0	0,0	0,004	0,003	-	-	0,005
B3a PCB 153 (congener)	2	1	50,0	0	0,0	0,004	0,004	-	-	0,006
B3a PCB 180 (congener)	2	1	50,0	0	0,0	0,003	0,002	-	-	0,003
B3a PCB - sum of congeners	2	1	50,0	0	0,0	0,009	0,008	-	-	0,014

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	1,00000 mg/kg of fat	2	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	2	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	2	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	2	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,70000 mg/kg of fat	2	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	2	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	2	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	2	0	0	0	0	0
B3c lead	0,10000 mg/kg	2	0	0	0	0	0
B3c mercury	0,05000 mg/kg	2	0	0	0	0	0

### Average content of contaminants in canned meat



# Residues monitoring 2007 - sampling of honey - monitoring



## Honey - overlimits findings 2007



■ sulfadimidin (indicated sampling)

## Honey - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AMOZ	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AOZ	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	10	0	0,0	0	0,0	n.d.	0,130	n.d.	n.d.	n.d.
A6 AHD	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 SEM	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
B1 beta lactamic ATB (group)	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	45	0	0,0	0	0,0	n.d.	0,100	n.d.	n.d.	n.d.
B1 streptomycine (group)	45	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B1 sulfonamidy (group)	45	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B1 tetracycline (group)	45	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2c cyhalothrin	27	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	27	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c deltamethrin	27	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c fluvalinat	24	0	0,0	0	0,0	n.d.	2,398	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	27	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2f amitraz	15	0	0,0	0	0,0	n.d.	10,950	n.d.	n.d.	n.d.
B3a 2,4'-DDT	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDE	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDT	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a aldrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a chlordan	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 153 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 180 (congener)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3b diazinon	20	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3b phorate	20	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	20	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c cadmium	20	5	25,0	0	0,0	n.d.	0,006	n.d.	0,020	0,026
B3c lead	20	6	30,0	0	0,0	n.d.	0,031	n.d.	0,070	0,093
B3f Cesium 134	5	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3f Cesium 137	5	2	40,0	0	0,0	n.d.	0,468	-	-	1,940

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2c fluvalinat	0,01000 mg/kg	24	0	0	0	0	0
B2f amitraz	0,20000 mg/kg	15	0	0	0	0	0
B3a PCB - sum of congeners	0,50000 mg/kg	20	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	20	0	0	0	0	0
B3c lead	1,00000 mg/kg	20	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	5	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	5	0	0	0	0	0

### Honey - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 macrolidy (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 sulfadiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimethoxine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimidine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxidin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfaquinoxaline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfathiazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	3	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B3f hydroxymethylfurfural	29	18	62,1	3	10,3	4,000	20,997	n.d.	57,800	273,000

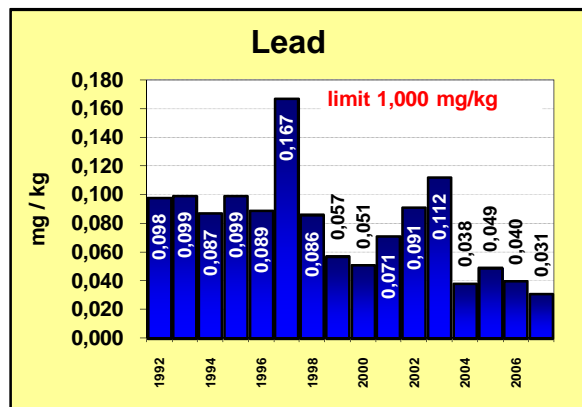
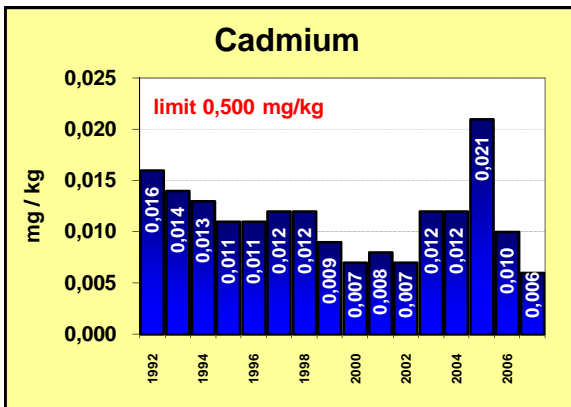
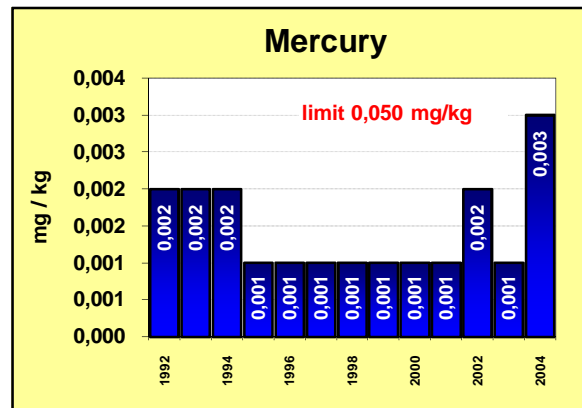
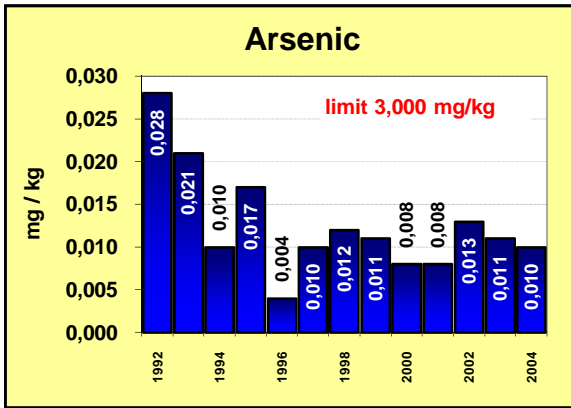
### Honey - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
<b>sulfadimidin</b>			
31.5.2007	Lednice na Morave	Breclav	57,8 mg/kg
31.5.2007	Lednice na Morave	Breclav	273,0 mg/kg
4.6.2007	Olomouc-Mesto	Olomouc	159,5 mg/kg

### Honey - mimoradna kontrolni akce (23.7. - 14.9.2007) - list of overlimit findings

Sampling	cadastral district	country of origin	value	
<b>sulfadimidin</b>				
9.8.2007	Praha	Slovak Republic	2,45 µg/kg	
<b>sulfoamidy (group)</b>				
10.8.2007	Jirmy	Polish	sulfadimidin	2,10 µg/kg
			sulfadimethoxin	1,34 µg/kg
			sulfathiazol	1,13 µg/kg
<b>tylosin</b>				
26.7.2007	Plzeň-mesto	Spain	30,1 µg/kg	

## Average contents of contaminants in honey



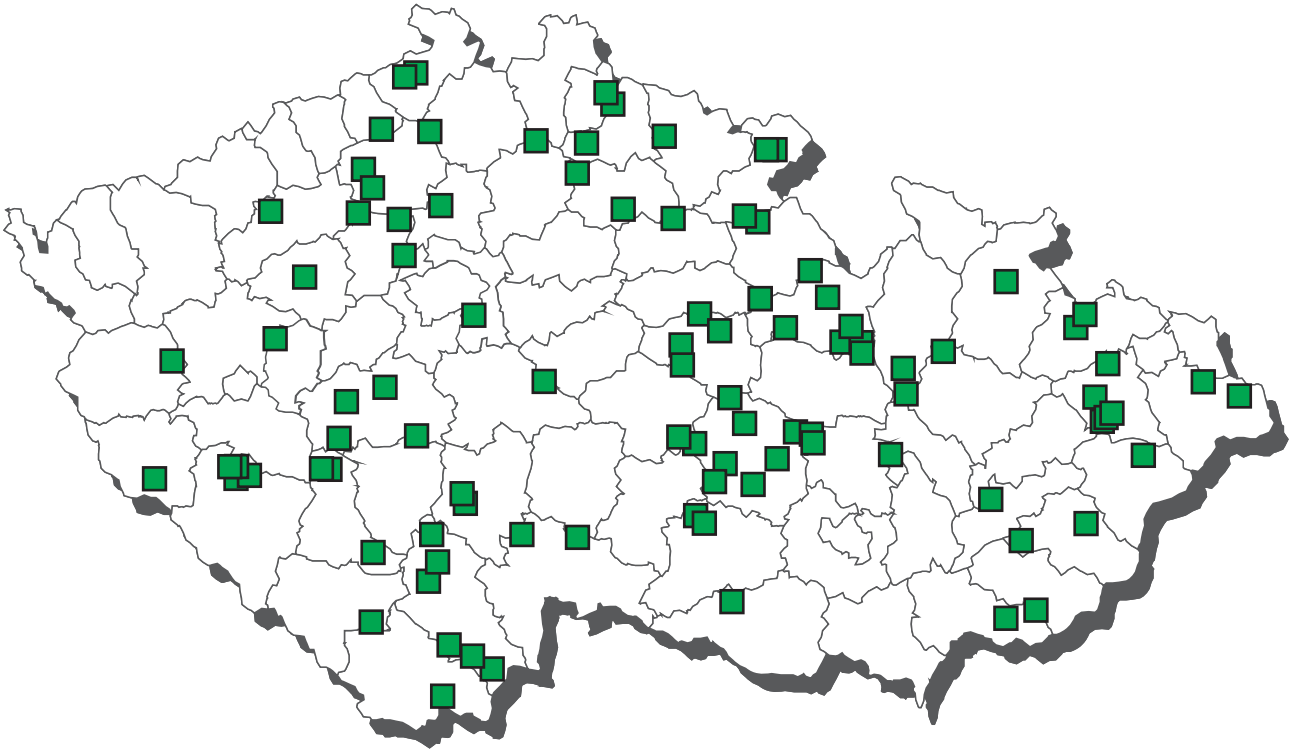
## Sea fish and Sea food - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	24	2	8,3	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a 4,4'-DDD	24	12	50,0	0	0,0	0,001	0,009	n.d.	0,024	0,016
B3a 4,4'-DDE	24	19	79,2	0	0,0	0,002	0,025	n.d.	0,047	0,043
B3a 4,4'-DDT	24	11	45,8	0	0,0	n.d.	0,008	n.d.	0,027	0,010
B3a DDT (sum)	24	18	75,0	0	0,0	0,003	0,041	n.d.	0,089	0,069
B3a PCB - sum of congeners	24	16	66,7	0	0,0	0,016	0,055	n.d.	0,170	0,594
B3a PCB 101 (congener)	24	5	20,8	0	0,0	n.d.	0,007	n.d.	0,032	0,066
B3a PCB 118 (congener)	24	4	16,7	0	0,0	n.d.	0,006	n.d.	0,015	0,065
B3a PCB 138 (congener)	24	15	62,5	0	0,0	0,006	0,016	n.d.	0,060	0,146
B3a PCB 153 (congener)	24	15	62,5	0	0,0	0,005	0,019	n.d.	0,038	0,228
B3a PCB 180 (congener)	24	13	54,2	0	0,0	0,004	0,007	n.d.	0,014	0,069
B3a PCB 28 (congener)	24	3	12,5	0	0,0	n.d.	0,004	n.d.	0,007	0,053
B3a PCB 52 (congener)	24	1	4,2	0	0,0	n.d.	0,002	n.d.	n.d.	0,011
B3a aldrin	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a alpha-, beta-HCH (sum)	24	1	4,2	0	0,0	n.d.	0,001	n.d.	n.d.	0,005
B3a alpha-HCH	24	1	4,2	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a beta-HCH	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a chlordan	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a dieldrin	24	1	4,2	0	0,0	n.d.	0,001	n.d.	n.d.	0,010
B3a endosulfan - sum	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a endrin	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	24	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	24	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	24	13	54,2	0	0,0	0,001	0,001	n.d.	0,005	0,013
B3a toxaphene (sum of congeners)	23	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a toxaphene P26 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a toxaphene P50 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a toxaphene P62 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c cadmium	31	22	71,0	0	0,0	0,006	0,027	n.d.	0,092	0,181
B3c lead	31	9	29,0	0	0,0	n.d.	0,022	n.d.	0,064	0,200
B3c mercury	24	24	100,0	0	0,0	0,022	0,031	0,008	0,042	0,116
B3e sum of syntetic color	19	0	0,0	0	0,0	*****	*****	*****	*****	*****
B3f histamin	134	12	9,0	0	0,0	n.d.	4,188	n.d.	n.d.	29,400

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,50000 mg/kg	22	1	1	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	23	1	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	24	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	24	0	0	0	0	0
B3a chlordan	0,02000 mg/kg	24	0	0	0	0	0
B3a dieldrin	0,01000 mg/kg	23	0	1	0	0	0
B3a endosulfan - sum	0,10000 mg/kg	24	0	0	0	0	0
B3a endrin	0,01000 mg/kg	24	0	0	0	0	0
B3a gamma-HCH (lindane)	0,20000 mg/kg	24	0	0	0	0	0
B3a heptachlor	0,01000 mg/kg	24	0	0	0	0	0
B3a hexachlorobenzene	0,05000 mg/kg	24	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	24	0	0	0	0	0
B3c cadmium	0,050000 mg/kg*	31	0	0	0	0	0
B3c lead	0,30000 mg/kg	31	0	0	0	0	0
B3c mercury	0,50000 mg/kg	24	0	0	0	0	0



# Residues monitoring 2007 - sampling of calves



## Calves - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 gestagens (group)	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AHD	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AMOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AOZ	5	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	6	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 nitroimidazole (group)	2	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	11	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 danofloxacin	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 kyselina oxolinova	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	11	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	11	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B1 sulfadiazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamidine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	11	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a oxfendazol	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B2c aldicarb	10	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c carbofuran	10	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2c cyhalothrin	10	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	10	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c deltamethrin	10	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c methiocarb	10	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2c methomyl	10	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	10	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c propoxur	10	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2e diclofenac	6	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	6	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	6	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	6	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B3a 2,4'-DDT	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	5	4	80,0	0	0,0	0,000	0,003	-	-	0,009
B3a 4,4'-DDT	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a aldrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	5	2	40,0	0	0,0	n.d.	0,003	-	-	0,009
B3a dieldrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	5	2	40,0	0	0,0	n.d.	0,000	-	-	0,001
B3a chlordan	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB - sum of congeners	5	4	80,0	0	0,0	0,015	0,020	-	-	0,051
B3a PCB 101 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 118 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 138 (congener)	5	4	80,0	0	0,0	0,006	0,007	-	-	0,014
B3a PCB 153 (congener)	5	3	60,0	0	0,0	0,006	0,008	-	-	0,022
B3a PCB 180 (congener)	5	4	80,0	0	0,0	0,004	0,006	-	-	0,015
B3a PCB 28 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 52 (congener)	5	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c arsenic	10	2	20,0	0	0,0	n.d.	0,004	n.d.	0,010	0,010
B3c cadmium	10	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c lead	10	1	10,0	0	0,0	n.d.	0,007	n.d.	0,023	0,024
B3c mercury	10	8	80,0	0	0,0	0,001	0,002	n.d.	0,006	0,007

## Calves - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	11	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	11	0	0	0	0	0
B1 flumequine	0,20000 mg/kg	11	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	11	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	11	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	2	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	10	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	10	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	10	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	10	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	10	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	10	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	10	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	10	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	10	0	0	0	0	0
B2e diclofenac	0,00500 mg/kg	6	0	0	0	0	0
B2e flunixin	0,02000 mg/kg	6	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	5	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	5	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	5	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	5	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	5	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	5	0	0	0	0	0
B3a endrin	0,01000 mg/kg	5	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	5	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	5	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	5	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	5	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	5	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	10	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	10	0	0	0	0	0
B3c lead	0,10000 mg/kg	10	0	0	0	0	0
B3c mercury	0,05000 mg/kg	10	0	0	0	0	0

## Calves - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	3	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B1 beta lactamic ATB (group)	10	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 gentamycin, neomycine (group)	10	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 streptomycine (group)	10	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B1 tetracycline (group)	6	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a abamectin	4	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2a doramectin	4	0	0,0	0	0,0	n.d.	0,008	-	-	n.d.
B2a ivermectin	4	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2a moxidectin	4	0	0,0	0	0,0	n.d.	0,008	-	-	n.d.
B2b lasalocid	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2b maduramicine	4	0	0,0	0	0,0	n.d.	2,125	-	-	n.d.
B2b monensin	4	0	0,0	0	0,0	n.d.	2,125	-	-	n.d.
B2b narazin	4	0	0,0	0	0,0	n.d.	2,125	-	-	n.d.
B2b salinomycine	4	0	0,0	0	0,0	n.d.	2,125	-	-	n.d.
B3c cadmium	9	8	88,9	0	0,0	0,030	0,041	n.d.	0,170	0,170
B3c lead	9	7	77,8	0	0,0	0,028	0,027	n.d.	0,045	0,045

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 streptomycine	0,50000 mg/kg	10	0	0	0	0	0
B2a abamectin	0,02000 mg/kg	4	0	0	0	0	0
B2a doramectin	0,10000 mg/kg	4	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	4	0	0	0	0	0
B2a moxidectin	0,10000 mg/kg	4	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	9	0	0	0	0	0
B3c lead	0,50000 mg/kg	9	0	0	0	0	0

### Calves - kidney - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chlorpromazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 aminoglykosidy (group)	7	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 beta lactamic ATB (group)	7	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 tetracycline (group)	7	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2d carazolol	5	0	0,0	0	0,0	n.d.	7,500	-	-	n.d.
B2d propionylpromazine	5	0	0,0	0	0,0	n.d.	10,000	-	-	n.d.
B3c cadmium	11	11	100,0	0	0,0	0,050	0,088	0,005	0,414	0,490
B3c lead	11	9	81,8	0	0,0	0,020	0,030	n.d.	0,074	0,079

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	0,01500 mg/kg	5	0	0	0	0	0
B3c cadmium	1,00000 mg/kg	11	0	0	0	0	0
B3c lead	0,50000 mg/kg	11	0	0	0	0	0

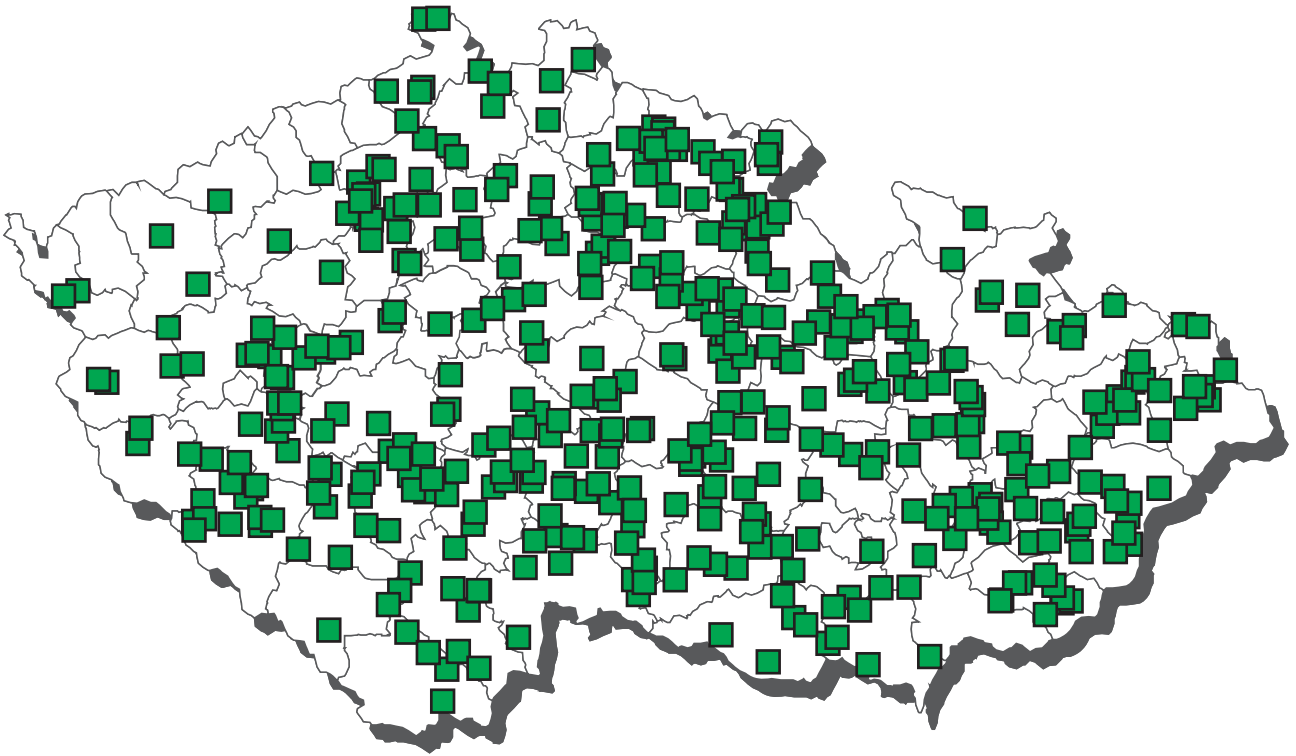
### Calves - urine - monitoring (value in mg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	6	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	3	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 17-beta-19-nortestosterone	5	0	0,0	0	0,0	n.d.	0,781	-	-	n.d.
A3 ethinylestradiol	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A3 methyltestosterone	4	0	0,0	0	0,0	n.d.	0,717	-	-	n.d.
A3 trenbolone	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A5 beta-agonists (group)	5	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A6 chloramphenicol	5	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
B2f dexamethason	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 boldenon	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	5	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A3 triamcinolon	1	0	0,0	0	0,0	n.d.	-	-	-	-

### Calves - fat about kidneies - monitoring - (value in ug/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 gestagens (group)	2	0	0,0	0	0,0	n.d.	-	-	-	-

# Residues monitoring 2007 - sampling of young bovine



## Young bovine - overlimits findings 2007



 chloramfenikol in urine (monitoring and indicated sampling)

## Young bovine - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB	93	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	93	1	1,1	0	0,0	n.d.	0,025	n.d.	n.d.	0,070
B1 enrofloxacin	93	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	93	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	93	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	93	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	93	0	0,0	0	0,0	n.d.	0,049	n.d.	n.d.	n.d.
B1 streptomycine (group)	93	2	2,2	0	0,0	n.d.	0,011	n.d.	n.d.	0,196
B1 sulfachlorpyridazine	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadiazine	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	93	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	93	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a oxfendazol	7	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B2c aldicarb	26	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c carbofuran	26	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	26	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c deltamethrin	26	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cyhalothrin	26	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c methiocarb	26	0	0,0	0	0,0	n.d.	0,009	n.d.	n.d.	n.d.
B2c methomyl	26	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	26	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c propoxur	26	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2e diclofenac	9	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e flunixin	9	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e oxyphenbutazon	9	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e phenylbutazone	9	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B3a 2,4'-DDT	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	28	1	3,6	0	0,0	n.d.	0,000	n.d.	n.d.	0,005
B3a 4,4'-DDE	28	23	82,1	0	0,0	0,000	0,001	n.d.	0,007	0,008
B3a 4,4'-DDT	28	2	7,1	0	0,0	n.d.	0,001	n.d.	n.d.	0,023
B3a DDT (sum)	28	19	67,9	0	0,0	0,001	0,002	n.d.	0,007	0,035
B3a PCB - sum of congeners	29	15	51,7	0	0,0	0,005	0,019	n.d.	0,057	0,165
B3a PCB 101 (congener)	29	2	6,9	0	0,0	n.d.	0,002	n.d.	n.d.	0,005
B3a PCB 118 (congener)	29	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	29	12	41,4	0	0,0	n.d.	0,005	n.d.	0,013	0,045
B3a PCB 153 (congener)	29	14	48,3	0	0,0	n.d.	0,009	n.d.	0,028	0,078
B3a PCB 180 (congener)	29	12	41,4	0	0,0	n.d.	0,007	n.d.	0,021	0,057
B3a PCB 28 (congener)	29	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	29	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a aldrin	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a chlordan	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	28	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	28	14	50,0	0	0,0	0,000	0,000	n.d.	0,001	0,002
B3c arsenic	13	4	30,8	0	0,0	n.d.	0,005	n.d.	0,010	0,010
B3c cadmium	13	2	15,4	0	0,0	n.d.	0,002	n.d.	0,006	0,007
B3c lead	13	5	38,5	0	0,0	n.d.	0,010	n.d.	0,033	0,033
B3c mercury	13	6	46,2	0	0,0	n.d.	0,001	n.d.	0,001	0,001
B3f Cesium 134	9	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3f Cesium 137	9	1	11,1	0	0,0	n.d.	0,152	n.d.	0,970	0,970

## Young bovine - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	93	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	93	0	0	0	0	0
B1 flumequine	0,20000 mg/kg	93	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	93	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	93	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	93	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	7	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	26	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	26	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	26	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	26	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	26	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	26	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	26	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	26	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	26	0	0	0	0	0
B3e diclofenac	5,00000 ug/kg	9	0	0	0	0	0
B3e flunixin	20,00000 ug/kg	9	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	28	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	28	0	1	0	0	0
B3a aldrin	0,02000 mg/kg	28	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	28	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	28	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	28	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	28	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	28	0	0	0	0	0
B3a endrin	0,01000 mg/kg	28	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	28	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	28	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	28	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	13	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	13	0	0	0	0	0
B3c lead	0,10000 mg/kg	13	0	0	0	0	0
B3c mercury	0,05000 mg/kg	13	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	9	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	9	0	0	0	0	0

## Young bovine - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB	97	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 gentamycin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	97	0	0,0	1*	1,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 neomycine (vcetne framycetinu)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine (group)	97	1	1,0	0	0,0	n.d.	0,015	n.d.	n.d.	0,200
B1 tetracycline (group)	97	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a abamectin	11	0	0,0	0	0,0	n.d.	0,008	-	-	n.d.
B2a doramectin	11	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B2a ivermectin	11	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2a moxidectin	11	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B2b lasalocid	10	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b maduramicine	10	0	0,0	0	0,0	n.d.	2,050	n.d.	n.d.	n.d.
B2b monensin	10	0	0,0	0	0,0	n.d.	2,050	n.d.	n.d.	n.d.
B2b narazin	10	0	0,0	0	0,0	n.d.	2,050	n.d.	n.d.	n.d.
B2b salinomycine	10	0	0,0	0	0,0	n.d.	2,050	n.d.	n.d.	n.d.
B3b diazinon	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3b phorate	15	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	15	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c cadmium	14	14	100,0	0	0,0	0,087	0,095	0,029	0,197	0,232
B3c lead	14	11	78,6	0	0,0	0,030	0,055	n.d.	0,175	0,240
B3d aflatoxin B1	14	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	14	0	0,0	0	0,0	n.d.	0,089	n.d.	n.d.	n.d.

\*confirmatory - gentamycin, neomycine: non-detected

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 gentamycin	0,20000 mg/kg	1	0	0	0	0	0
B1 neomycine (vcetne framycetinu)	0,50000 mg/kg	1	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	97	0	0	0	0	0
B2a abamectin	0,02000 mg/kg	11	0	0	0	0	0
B2a doramectin	0,10000 mg/kg	11	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	11	0	0	0	0	0
B2a moxidectin	0,10000 mg/kg	11	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	15	0	0	0	0	0
B3b phorate	0,05000 mg/kg	15	0	0	0	0	0
B3b pyrimiphosmethyl	0,01000 mg/kg	15	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	14	0	0	0	0	0
B3c lead	0,50000 mg/kg	14	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	14	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	14	0	0	0	0	0

## Young bovine - kidney - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 aminoglykosidy (group)	71	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 beta lactamic ATB	71	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 tetracycline (group)	71	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B3c cadmium	12	12	100,0	0	0,0	0,371	0,418	0,089	0,996	1,000
B3c lead	12	10	83,3	0	0,0	0,045	0,072	n.d.	0,259	0,310

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1,00000 mg/kg	8	2	2	0	0	0
B3c lead	0,50000 mg/kg	11	1	0	0	0	0



## Young bovine - urine - monitoring (value in mg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	63	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A2 thyreostatics (group)	26	0	0,0	0	0,0	n.d.	25,000	n.d.	n.d.	n.d.
A3 17-beta-19-nortestosterone	15	0	0,0	0	0,0	n.d.	0,781	n.d.	n.d.	n.d.
A3 ethinylestradiol	10	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A3 methyltestosterone	16	0	0,0	0	0,0	n.d.	0,614	n.d.	n.d.	n.d.
A3 stanazolol	2	0	0,0	0	0,0	n.d.	1,000	-	-	n.d.
A3 trenbolone	11	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A4 zeranol	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A5 beta-agonists (group)	35	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.
A6 chloramphenicol	57	1	1,8	1	1,8	n.d.	0,143	n.d.	n.d.	0,400
B2f dexamethason	10	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.
A4 alfa-zearalenol	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A3 boldenon	9	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.
A4 beta-zearalenol	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A4 RALs (group)	47	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A4 taleranol	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A3 triamcinolon	10	0	0,0	0	0,0	n.d.	1,000	n.d.	n.d.	n.d.

## Young bovine - urine - list of overlimit findings

Sampling	cadastral district	district	value
chloramphenicol - urine			
3.4.2007	Radimer	Svitavy	0,4 ug/kg

## Young bovine - serum - monitoring (value in mg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 17-beta-estradiol	23	0	0,0	0	0,0	n.d.	0,020	n.d.	n.d.	n.d.
A3 testosterone	25	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
A3 17-beta-estradiol	0,04000 ug/l	23	0	0	0	0	0
A3 testosterone	0,50000 ug/l jal 30,00000 ug/l byk	25	0	0	0	0	0

## Young bovine - dioxins - monitoring (value in pg/g of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	6	6	100,0	0	0,0	67,700	59,150	-	-	84,800
B3a PCB 114 (congener)	6	4	66,7	0	0,0	5,670	5,314	-	-	10,900
B3a PCB 118 (congener)	6	6	100,0	0	0,0	284,500	297,667	-	-	393,000
B3a PCB 123 (congener)	6	6	100,0	0	0,0	22,200	19,402	-	-	33,600
B3a PCB 126 (congener)	6	2	33,3	0	0,0	n.d.	1,593	-	-	5,990
B3a PCB 156 (congener)	6	6	100,0	0	0,0	96,900	92,817	-	-	116,000
B3a PCB 157 (congener)	6	4	66,7	0	0,0	7,050	8,029	-	-	16,200
B3a PCB 167 (congener)	6	6	100,0	0	0,0	47,350	45,933	-	-	63,900
B3a PCB 169 (congener)	6	1	16,7	0	0,0	n.d.	0,533	-	-	2,120
B3a PCB 189 (congener)	6	5	83,3	0	0,0	10,625	13,057	-	-	32,700
B3a PCB 77 (congener)	6	6	100,0	0	0,0	39,400	33,267	-	-	49,500
B3a PCB 81 (congener)	6	1	16,7	0	0,0	n.d.	0,769	-	-	5,580
B3a WHO-PCDD/F-PCB-TEQ	6	6	100,0	0	0,0	0,920	1,042	-	-	1,410
B3a WHO-PCDD/F-TEQ	6	3	50,0	0	0,0	0,699	0,544	-	-	0,775
B3a 1,2,3,4,6,7,8-HpCDD	6	0	0,0	0	0,0	n.d.	0,914	-	-	n.d.
B3a 1,2,3,4,6,7,8-HpCDF	6	0	0,0	0	0,0	n.d.	0,196	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	6	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	6	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	6	0	0,0	0	0,0	n.d.	0,120	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	6	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	6	0	0,0	0	0,0	n.d.	0,108	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	6	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	6	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	6	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	6	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	6	0	0,0	0	0,0	n.d.	0,108	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	6	0	0,0	0	0,0	n.d.	0,109	-	-	n.d.
B3a 2,3,7,8-TCDD	6	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	6	0	0,0	0	0,0	n.d.	0,078	-	-	n.d.
B3a OCDD	6	3	50,0	0	0,0	1,041	5,167	-	-	24,600
B3a OCDF	6	0	0,0	0	0,0	n.d.	0,594	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	4,50000 pg/g of fat	6	0	0	0	0	0
B3a WHO-PCDD/F-TEQ	3,00000 pg/g of fat	6	0	0	0	0	0

### Young bovine - kidney - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3c cadmium	2	2	100,0	0	0,0	0,178	0,178	-	-	0,183

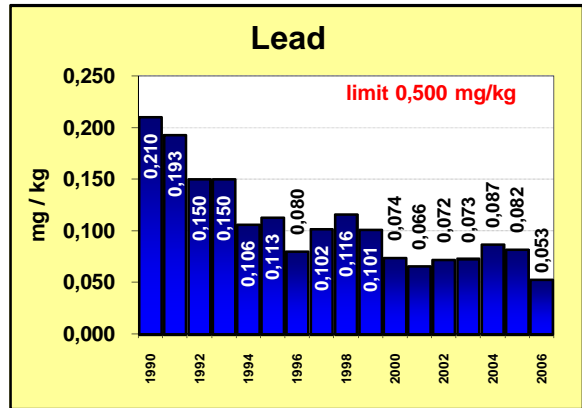
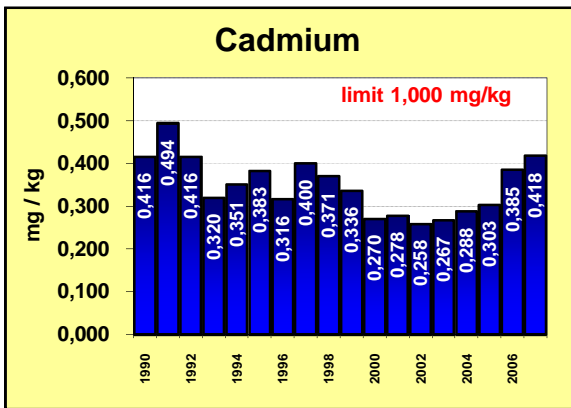
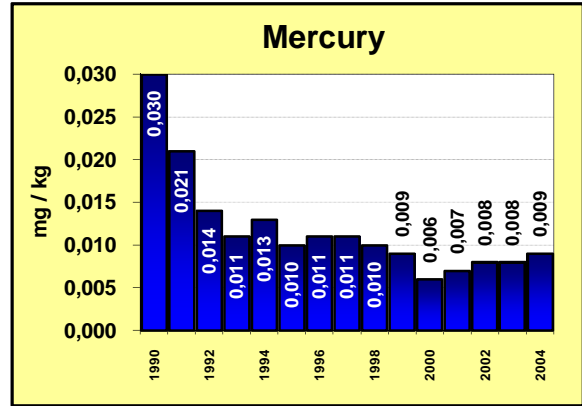
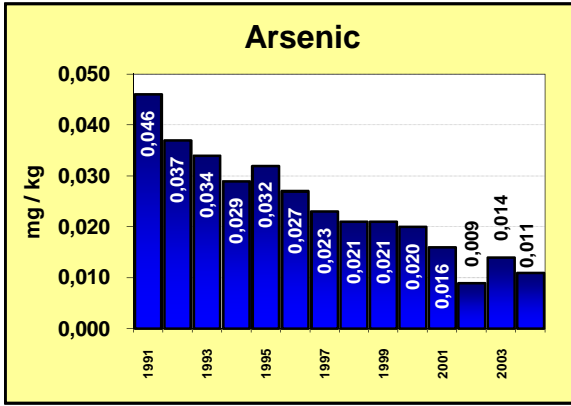
### Young bovine - urine - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	25	4	16,0	4	16,0	n.d.	0,090	n.d.	0,300	0,300

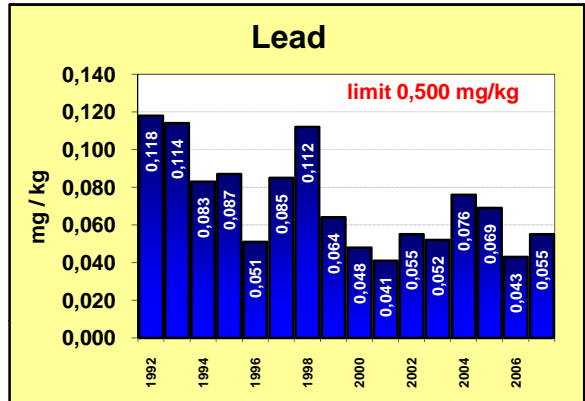
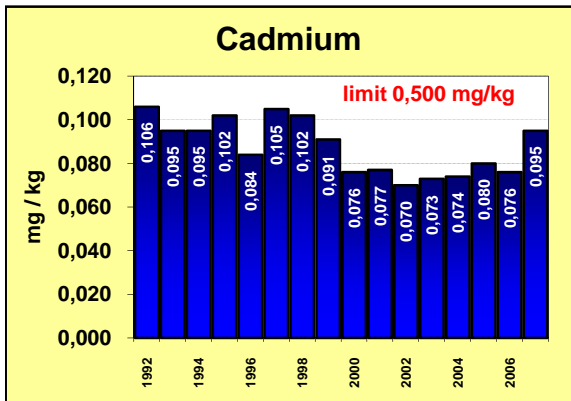
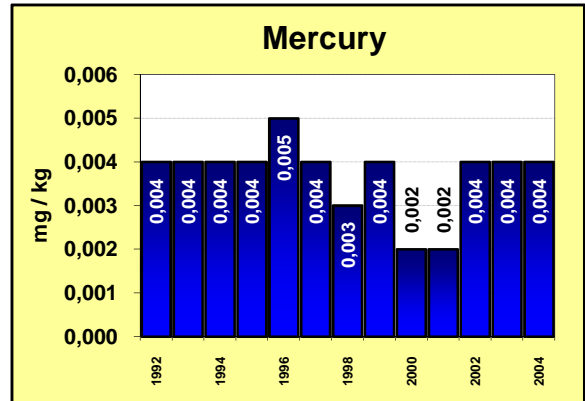
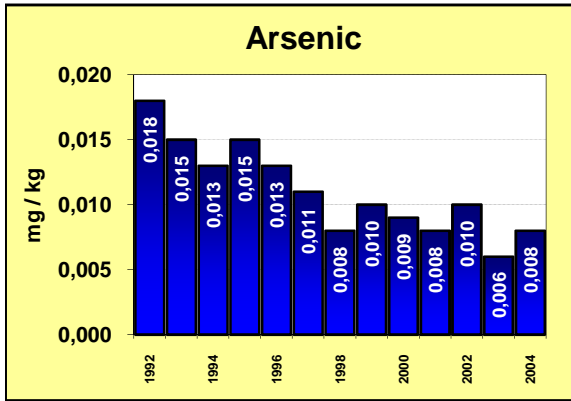
### Young bovine - urine - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
<b>chloramphenicol - urine</b>			
27.4.2007	Radimer	Svitavy	0,3 ug/kg
27.4.2007	Radimer	Svitavy	0,1 ug/kg
27.4.2007	Radimer	Svitavy	0,1 ug/kg
27.4.2007	Radimer	Svitavy	0,1 ug/kg

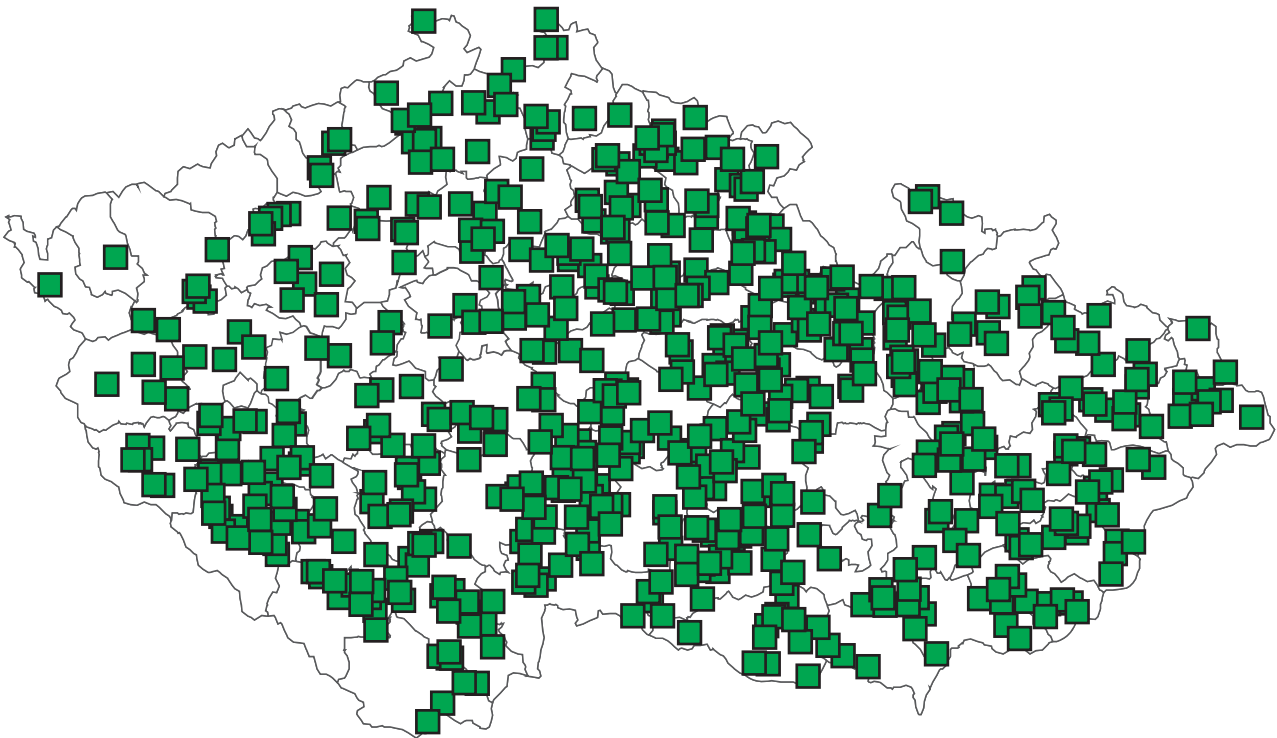
### Average content of contaminants in kidney of young bovine



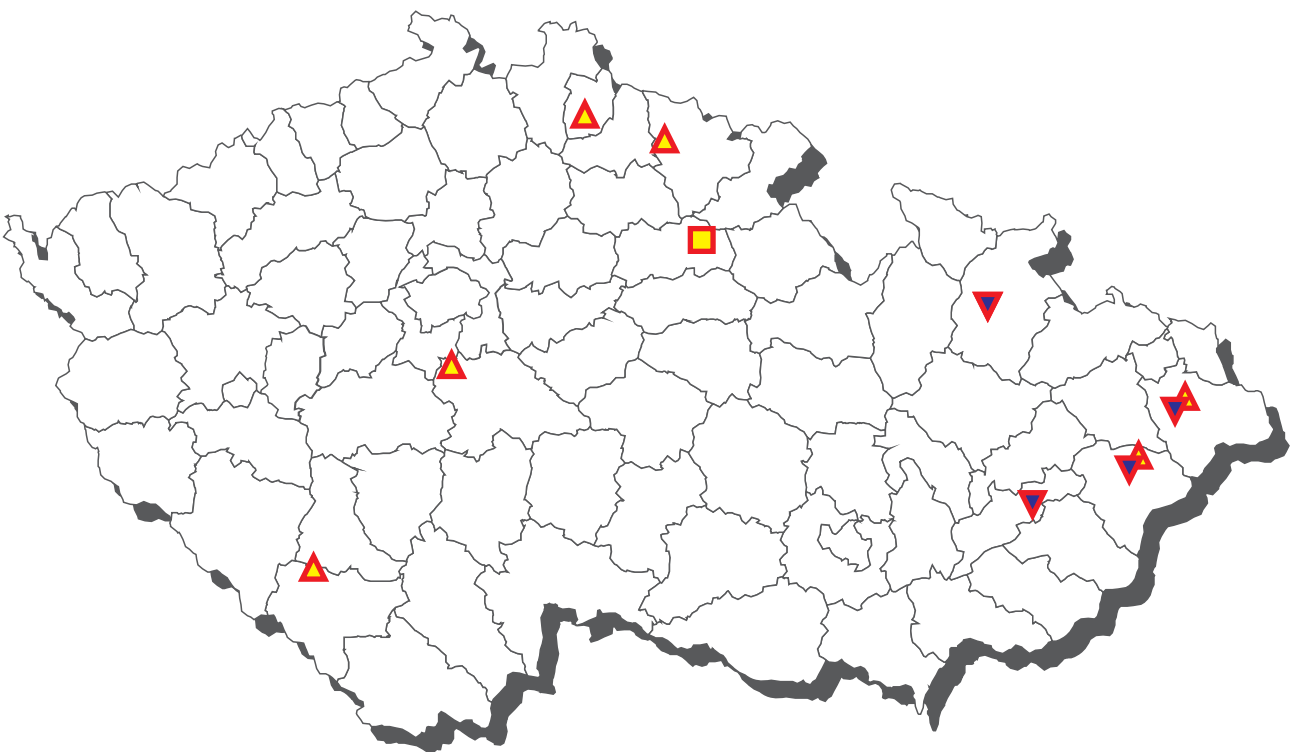
### Average content of contaminants in liver of young cattle



## Residues monitoring 2007 - sampling of cows



## Cows - overlimits findings 2007



- ▲ kadmium in liver (monitoring)
- chloramfenikol in urine (monitoring)
- ▼ kadmium in liver (indicated sampling)

## Cows - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 gestagens (group)	26	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AHD	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	20	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	64	0	0,0	0	0,0	n.d.	0,147	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	13	0	0,0	0	0,0	n.d.	1,500	n.d.	n.d.	n.d.
A6 SEM	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB	85	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	85	1	1,2	0	0,0	n.d.	0,025	n.d.	n.d.	0,050
B1 doxycycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 enrofloxacin	85	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	85	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	85	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 chlortetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxoline acid	85	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	85	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 oxytetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine (group)	85	1	1,2	0	0,0	n.d.	0,011	n.d.	n.d.	0,032
B1 sulfadiazine	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	85	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	85	0	0,0	1*	2,8	n.d.	*****	n.d.	n.d.	n.d.
B2a oxfendazol	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B2c aldicarb	34	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c carbofuran	34	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c cyhalothrin	34	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	34	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c deltamethrin	34	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c methiocarb	34	0	0,0	0	0,0	n.d.	0,009	n.d.	n.d.	n.d.
B2c methomyl	34	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	34	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c propoxur	34	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2e diclofenac	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e flunixin	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e oxyphenbutazon	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e phenylbutazone	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B3a 2,4'-DDT	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	47	2	4,3	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a 4,4'-DDE	47	28	59,6	0	0,0	0,000	0,001	n.d.	0,002	0,005
B3a 4,4'-DDT	47	4	8,5	0	0,0	n.d.	0,000	n.d.	n.d.	0,007
B3a aldrin	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	47	29	61,7	0	0,0	0,000	0,001	n.d.	0,002	0,005
B3a dieldrin	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	47	18	38,3	0	0,0	n.d.	0,000	n.d.	0,000	0,002
B3a chlordan	47	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	48	18	37,5	0	0,0	n.d.	0,014	n.d.	0,051	0,102
B3a PCB 101 (congener)	48	1	2,1	0	0,0	n.d.	0,002	n.d.	n.d.	0,011
B3a PCB 118 (congener)	48	2	4,2	0	0,0	n.d.	0,002	n.d.	n.d.	0,011
B3a PCB 138 (congener)	48	14	29,2	0	0,0	n.d.	0,004	n.d.	0,011	0,041
B3a PCB 153 (congener)	48	18	37,5	0	0,0	n.d.	0,006	n.d.	0,023	0,037
B3a PCB 180 (congener)	48	17	35,4	0	0,0	n.d.	0,004	n.d.	0,010	0,024
B3a PCB 28 (congener)	48	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	48	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	27	10	37,0	0	0,0	n.d.	0,007	n.d.	0,015	0,037
B3c cadmium	27	4	14,8	0	0,0	n.d.	0,003	n.d.	0,006	0,010
B3c lead	27	3	11,1	0	0,0	n.d.	0,007	n.d.	0,012	0,035
B3c mercury	27	17	63,0	0	0,0	0,001	0,002	n.d.	0,008	0,010
B3f Cesium 134	15	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3f Cesium 137	15	6	40,0	0	0,0	n.d.	0,112	n.d.	0,290	0,350

\*confirmatory of findings - tetracycline, chlortetracycline, oxytetracycline, doxycycline: non-detected

## Cows - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	85	0	0	0	0	0
B1 doxycycline	0,10000 mg/kg	1	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	85	0	0	0	0	0
B1 flumequine	0,20000 mg/kg	85	0	0	0	0	0
B1 chlortetracycline	0,10000 mg/kg	1	0	0	0	0	0
B1 oxytetracycline	0,10000 mg/kg	1	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	85	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	85	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	85	0	0	0	0	0
B1 tetracycline	0,10000 mg/kg	1	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	11	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	34	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	34	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	34	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	34	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	34	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	34	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	34	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	34	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	34	0	0	0	0	0
B2e diclofenac	5,00000 ug/kg	15	0	0	0	0	0
B2e flunixin	20,00000 ug/kg	15	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	47	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	47	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	47	0	0	0	0	0
B3a endrin	0,01000 mg/kg	47	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	47	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	47	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	47	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	47	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	47	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	47	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	47	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	47	1	0	0	0	0
B3c arsenic	0,10000 mg/kg	27	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	27	0	0	0	0	0
B3c lead	0,10000 mg/kg	27	0	0	0	0	0
B3c mercury	0,05000 mg/kg	27	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	15	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	15	0	0	0	0	0

## Cows - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	47	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.
B1 beta lactamic ATB	82	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 streptomycine (group)	82	1	1,2	0	0,0	n.d.	0,013	n.d.	n.d.	0,085
B1 tetracycline (group)	82	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a abamectin	8	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2a doramectin	8	0	0,0	0	0,0	n.d.	0,009	-	-	n.d.
B2a ivermectin	8	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2a moxidectin	8	0	0,0	0	0,0	n.d.	0,009	-	-	n.d.
B2b lasalocid	16	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b maduramicine	16	0	0,0	0	0,0	n.d.	2,125	n.d.	n.d.	n.d.
B2b monensin	16	0	0,0	0	0,0	n.d.	2,125	n.d.	n.d.	n.d.
B2b narazin	16	0	0,0	0	0,0	n.d.	2,125	n.d.	n.d.	n.d.
B2b salinomycine	16	0	0,0	0	0,0	n.d.	2,125	n.d.	n.d.	n.d.
B3b diazinon	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3b phorate	14	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	14	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c cadmium	27	27	100,0	0	0,0	0,112	0,124	0,047	0,263	0,300
B3c lead	27	23	85,2	0	0,0	0,024	0,032	n.d.	0,078	0,080
B3d aflatoxin B1	15	0	0,0	0	0,0	n.d.	0,057	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	15	0	0,0	0	0,0	n.d.	0,079	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 streptomycine	0,50000 mg/kg	82	0	0	0	0	0
B2a abamectin	0,02000 mg/kg	8	0	0	0	0	0
B2a doramectin	0,10000 mg/kg	8	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	8	0	0	0	0	0
B2a moxidectin	0,10000 mg/kg	8	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	14	0	0	0	0	0
B3b phorate	0,05000 mg/kg	14	0	0	0	0	0
B3b pyrimiphosmethyl	0,01000 mg/kg	14	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	24	3	0	0	0	0
B3c lead	0,50000 mg/kg	27	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	15	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	15	0	0	0	0	0

## Cows - kidney - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chlorpromazine	5	0	0,0	0	0,0	n.d.	5,000	-	-	n.d.
B1 aminoglykosides (group)	90	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 beta lactamic ATB	90	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 tetracycline (group)	90	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2d carazolol	35	0	0,0	0	0,0	n.d.	7,500	n.d.	n.d.	n.d.
B2d propionylpromazine	35	0	0,0	0	0,0	n.d.	11,714	n.d.	n.d.	n.d.
B3c cadmium	27	27	100,0	6	22,2	0,645	0,803	0,221	1,814	1,940
B3c lead	27	25	92,6	0	0,0	0,038	0,049	0,020	0,102	0,110

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2d carazolol	15,00000 ug/kg	35	0	0	0	0	0
B3c cadmium	1,00000 mg/kg	10	5	6	1	5	0
B3c lead	0,50000 mg/kg	27	0	0	0	0	0

## Cows - kidney - monitoring - list of overlimit findings

Sampling	cadastral district	district	value
<b>cadmium - kidney</b>			
5.6.2007	Alsovice	Jablonec n.Nisou	1,298 mg/kg
1.8.2007	Dolany u ckyne	Prachatice	1,68 mg/kg
2.3.2007	Dolni Lanov	Trutnov	1,775 mg/kg
11.4.2007	Netvorice	Benesov	1,795 mg/kg
26.1.2007	Roznov pod Radhostem	Vsetin	1,89 mg/kg
25.4.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,94 mg/kg



## Cows - urine - monitoring (value in µg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	61	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A2 thyreostatics (group)	58	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 17-beta-19-nortestosterone	12	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 ethinylestradiol	10	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 methyltestosterone	12	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 stanozolol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	11	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 zeranol	3	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A5 beta-agonists (group)	30	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A6 chloramphenicol	58	1	1,7	1	1,7	n.d.	n.d.	n.d.	n.d.	0,500
B2f dexamethason	9	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 alfa-zearalenol	3	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A3 boldenon	2	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A4 beta-zearalenol	3	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A4 RALs (group)	38	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 taleranol	3	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A3 triamcinolon	9	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.

## Cows - urine - monitoring - list of overlimit findings

Sampling	cadastral district	district	value
<b>chloramfenikol - urine</b>			
5.4.2007	Rusek	Hradec Kralove	0,5 ug/kg

## Cows - kidney - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3c cadmium	106	106	100,0	44	41,5	0,940	1,096	0,424	1,949	4,560

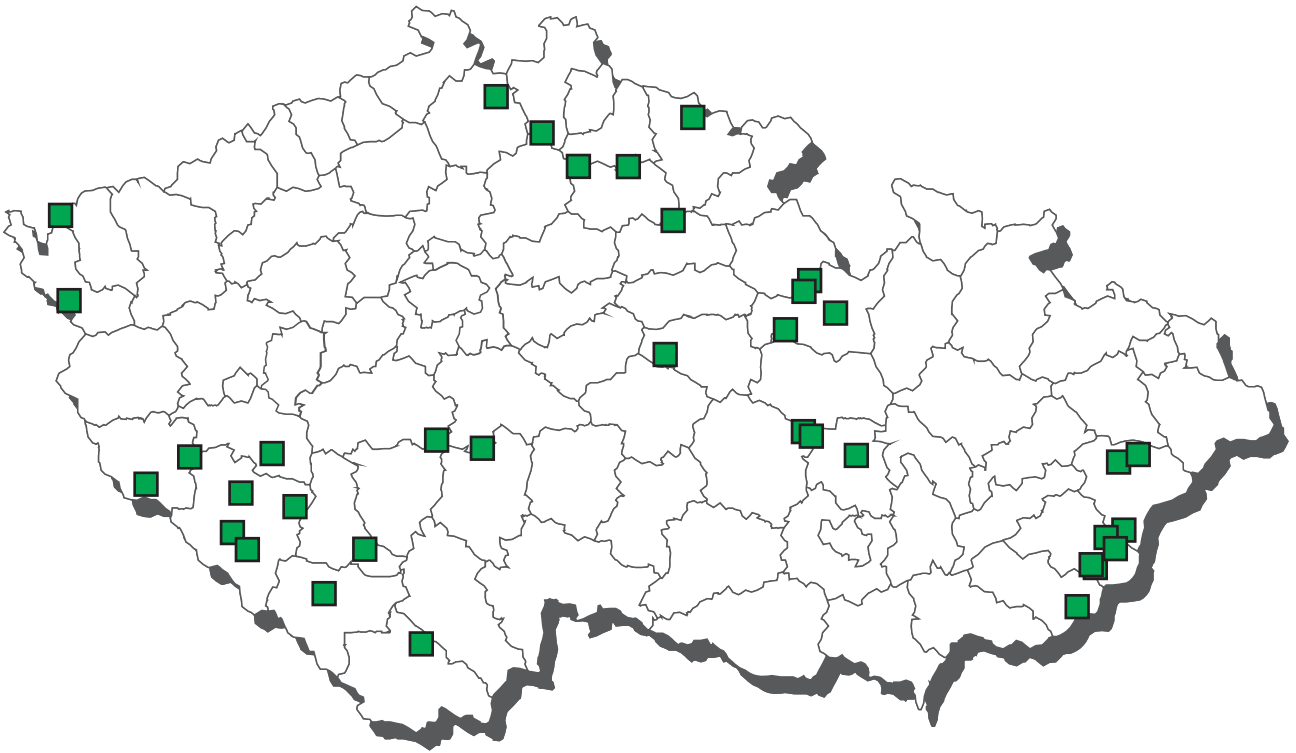
## Cows - kidney - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
<b>cadmium - kidney</b>			
17.9.2007	Holesov	Kromeriz	1,16 mg/kg
4.9.2007	Roznov pod Radhostem	Vsetin	1,19 mg/kg
19.12.2007	Roznov pod Radhostem	Vsetin	2,06 mg/kg
28.7.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,4 mg/kg
20.8.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,92 mg/kg
20.8.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,75 mg/kg
27.8.2007	Skalice u Frydku-Mistku	Frydek-Mistek	2,22 mg/kg
7.9.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,41 mg/kg
22.9.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,38 mg/kg
3.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,42 mg/kg
5.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,18 mg/kg
5.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	2,29 mg/kg
8.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,97 mg/kg
8.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,25 mg/kg
8.10.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,31 mg/kg
19.11.2007	Skalice u Frydku-Mistku	Frydek-Mistek	4,56 mg/kg
19.11.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,65 mg/kg
21.11.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,46 mg/kg
9.12.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,89 mg/kg
13.12.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,15 mg/kg
18.12.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,32 mg/kg
18.12.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,28 mg/kg
21.12.2007	Skalice u Frydku-Mistku	Frydek-Mistek	1,7 mg/kg
12.1.2007	Stara Rudna	Bruntal	1,59 mg/kg
1.2.2007	Stara Rudna	Bruntal	1,68 mg/kg
13.2.2007	Stara Rudna	Bruntal	1,57 mg/kg
20.2.2007	Stara Rudna	Bruntal	2,08 mg/kg
28.2.2007	Stara Rudna	Bruntal	1,77 mg/kg
7.3.2007	Stara Rudna	Bruntal	1,51 mg/kg
7.3.2007	Stara Rudna	Bruntal	1,62 mg/kg
29.3.2007	Stara Rudna	Bruntal	1,94 mg/kg
29.3.2007	Stara Rudna	Bruntal	1,42 mg/kg
3.4.2007	Stara Rudna	Bruntal	1,45 mg/kg
3.4.2007	Stara Rudna	Bruntal	2,1 mg/kg
4.4.2007	Stara Rudna	Bruntal	2,02 mg/kg
4.4.2007	Stara Rudna	Bruntal	2,06 mg/kg
18.4.2007	Stara Rudna	Bruntal	1,16 mg/kg
20.4.2007	Stara Rudna	Bruntal	1,8 mg/kg
20.4.2007	Stara Rudna	Bruntal	1,19 mg/kg
2.5.2007	Stara Rudna	Bruntal	1,16 mg/kg
9.5.2007	Stara Rudna	Bruntal	2,83 mg/kg
23.5.2007	Stara Rudna	Bruntal	1,15 mg/kg
30.5.2007	Stara Rudna	Bruntal	1,25 mg/kg
28.6.2007	Stara Rudna	Bruntal	1,86 mg/kg

## Cows - urine - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	15	0	0,0	0	0,0	n.d.	0,121	n.d.	n.d.	n.d.

# Residues monitoring 2007 - sampling of sheep



## Sheep - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 gestagens (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 AOZ	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 nitroimidazole (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	13	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	13	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	13	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	13	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 gentamycin, neomycine (group)	13	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	13	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	13	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	13	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B1 sulfachlorpyridazine	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadiazine	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	13	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	13	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a oxfendazol	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B2c aldicarb	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c carbofuran	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c cypermethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c cyhalothrin	3	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c permethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c deltamethrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B2c methiocarb	3	0	0,0	0	0,0	n.d.	0,013	-	-	n.d.
B2c methomyl	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c propoxur	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2e diclofenac	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B3a 2,4'-DDT	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDD	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDE	3	2	66,7	0	0,0	0,036	0,027	-	-	0,044
B3a 4,4'-DDT	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a DDT (sum)	3	2	66,7	0	0,0	0,036	0,028	-	-	0,044
B3a PCB - sum of congeners	3	2	66,7	0	0,0	0,017	0,013	-	-	0,018
B3a PCB 101 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 138 (congener)	3	2	66,7	0	0,0	0,006	0,005	-	-	0,006
B3a PCB 153 (congener)	3	2	66,7	0	0,0	0,004	0,006	-	-	0,011
B3a PCB 180 (congener)	3	1	33,3	0	0,0	n.d.	0,004	-	-	0,008
B3a PCB 28 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a aldrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a chlordan	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a dieldrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endosulfan - sum	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a hexachlorobenzene	3	2	66,7	0	0,0	0,005	0,008	-	-	0,017
B3c arsenic	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c cadmium	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c lead	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	3	3	100,0	0	0,0	0,001	0,001	-	-	0,001

### Sheep - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	13	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	13	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	13	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	13	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	13	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	2	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	3	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	3	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,20000 mg/kg of fat	3	0	0	0	0	0
B2c cyhalothrin	0,50000 mg/kg of fat	3	0	0	0	0	0
B2c permethrin (sum of isomers)	0,50000 mg/kg of fat	3	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	3	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	3	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	3	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	3	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	3	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	3	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	3	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	3	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02000 mg/kg of fat	3	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	3	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	3	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	3	0	0	0	0	0
B3c lead	0,10000 mg/kg	3	0	0	0	0	0
B3c mercury	0,05000 mg/kg	3	0	0	0	0	0

## Sheep - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	13	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	13	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 streptomycine (group)	13	0	0,0	0	0,0	n.d.	0,011	-	-	n.d.
B1 tetracycline (group)	13	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a abamectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a doramectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a ivermectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a moxidectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2b lasalocid	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2b maduramicine	2	0	0,0	0	0,0	n.d.	1,750	-	-	n.d.
B2b monensin	2	0	0,0	0	0,0	n.d.	1,750	-	-	n.d.
B2b narazin	2	0	0,0	0	0,0	n.d.	1,750	-	-	n.d.
B2b salinomycine	2	0	0,0	0	0,0	n.d.	1,750	-	-	n.d.
B3b diazinon	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3b phorate	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3b pyrimiphosmethyl	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c cadmium	2	2	100,0	0	0,0	0,219	0,219	-	-	0,410
B3c lead	2	2	100,0	0	0,0	0,042	0,042	-	-	0,056
B3d aflatoxin B1	2	0	0,0	0	0,0	n.d.	0,075	-	-	n.d.
B3d aflatoxins sum B1,B2,G1,G2	2	0	0,0	0	0,0	n.d.	0,090	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a streptomycine	0,50000 mg/kg	5	0	0	0	0	0
B2a abamectin	0,02500 mg/kg	2	0	0	0	0	0
B2a doramectin	0,05000 mg/kg	2	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	2	0	0	0	0	0
B3b moxidectin	0,10000 mg/kg	2	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	2	0	0	0	0	0
B3b phorate	0,05000 mg/kg	2	0	0	0	0	0
B3b pyrimiphosmethyl	0,01000 mg/kg	2	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	1	0	1	0	0	0
B3c lead	0,50000 mg/kg	2	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	2	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	2	0	0	0	0	0

## Sheep - kidney - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chlorpromazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 aminoglykosidy (group)	12	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 beta lactamic ATB	12	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 tetracycline (group)	12	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2d carazolol	3	0	0,0	0	0,0	n.d.	7,500	-	-	n.d.
B2d propionylpromazine	3	0	0,0	0	0,0	n.d.	10,000	-	-	n.d.
B3c cadmium	3	3	100,0	0	0,0	0,035	0,106	-	-	0,269
B3c lead	3	3	100,0	0	0,0	0,019	0,038	-	-	0,082

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1,00000 mg/kg	3	0	0	0	0	0
B3c lead	0,50000 mg/kg	3	0	0	0	0	0

**Sheep - urine - farmaka - monitoring (value in mg/l)**

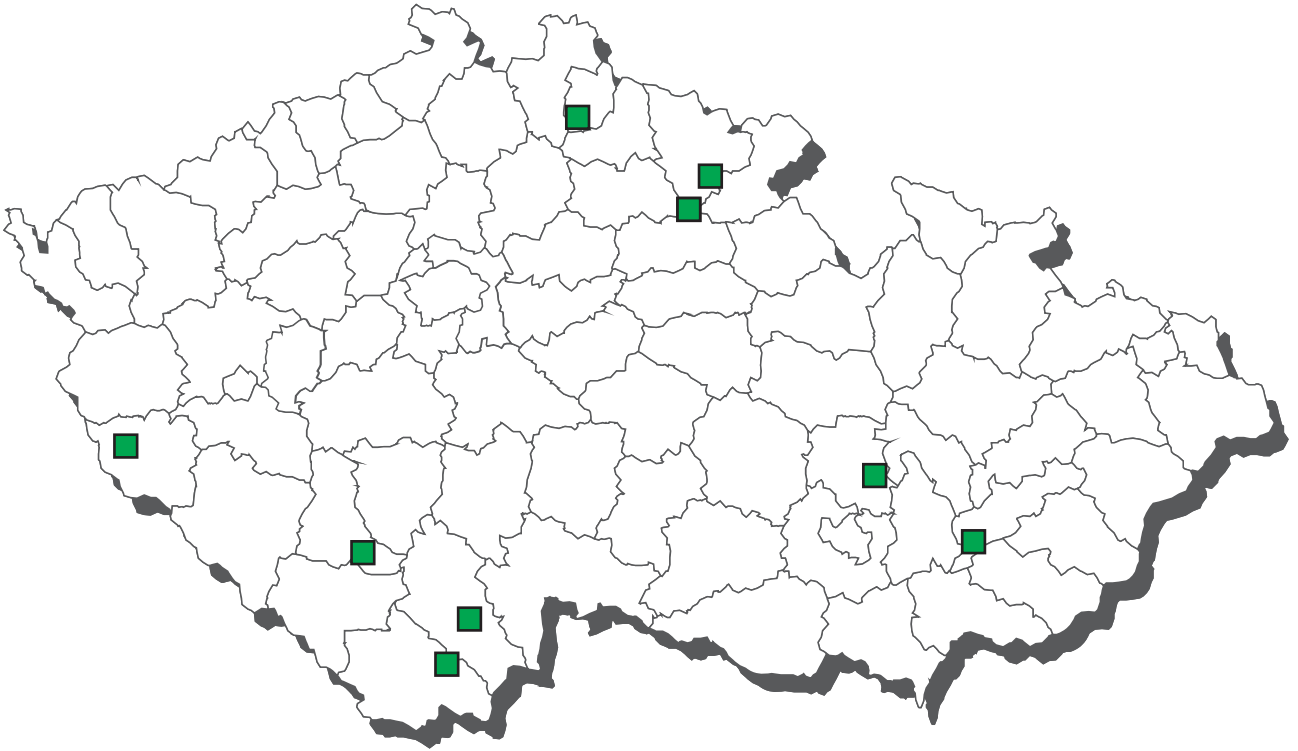
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	3	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 ethinylestradiol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A5 beta-agonists (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2f dexamethason	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A3 triamcinolon	1	0	0,0	0	0,0	n.d.	-	-	-	-

**Sheep - muscle - import from - Austria (value in mg/kg)**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3c cadmium	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3c lead	7	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	7	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	0,05000 mg/kg	7	0	0	0	0	0
B3c lead	0,10000 mg/kg	7	0	0	0	0	0
B3c mercury	0,05000 mg/kg	7	0	0	0	0	0

# Residues monitoring 2007 - sampling of goat





### Goats - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 danofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 enrofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxoline acid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 macrolides (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimethoxine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimidine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadoxin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamerazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfaquinoxaline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfathiazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c aldicarb	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c carbofuran	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c cyhalothrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c cypermethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c permethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c deltamethrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c methiocarb	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c methomyl	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c propoxur	1	0	0,0	0	0,0	n.d.	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	1	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	1	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	1	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	1	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	1	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	1	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	1	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	1	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	1	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	1	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	1	0	0	0	0	0

**Goats - liver - monitoring (value in mg/kg)**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b lasalocid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b maduramicine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b monensin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b narazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b salinomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c cadmium	1	1	100,0	0	0,0	0,008	-	-	-	-
B3c lead	1	1	100,0	0	0,0	0,040	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	0,50000 mg/kg	1	0	0	0	0	0
B3c lead	0,50000 mg/kg	1	0	0	0	0	0

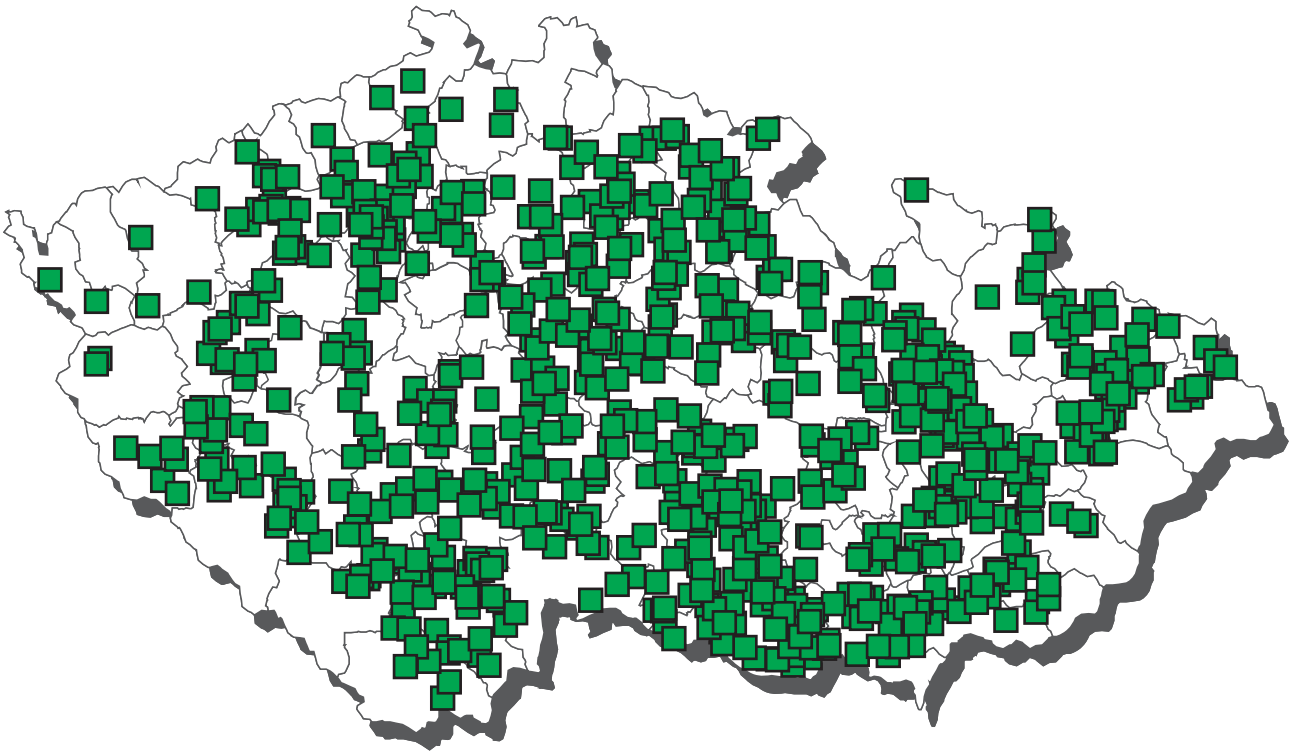
**Goats - kidney - monitoring (value in mg/kg)****µg/kg**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chlorpromazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 aminoglykosidy (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2d carazolol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2d propionylpromazine	1	0	0,0	0	0,0	n.d.	-	-	-	-

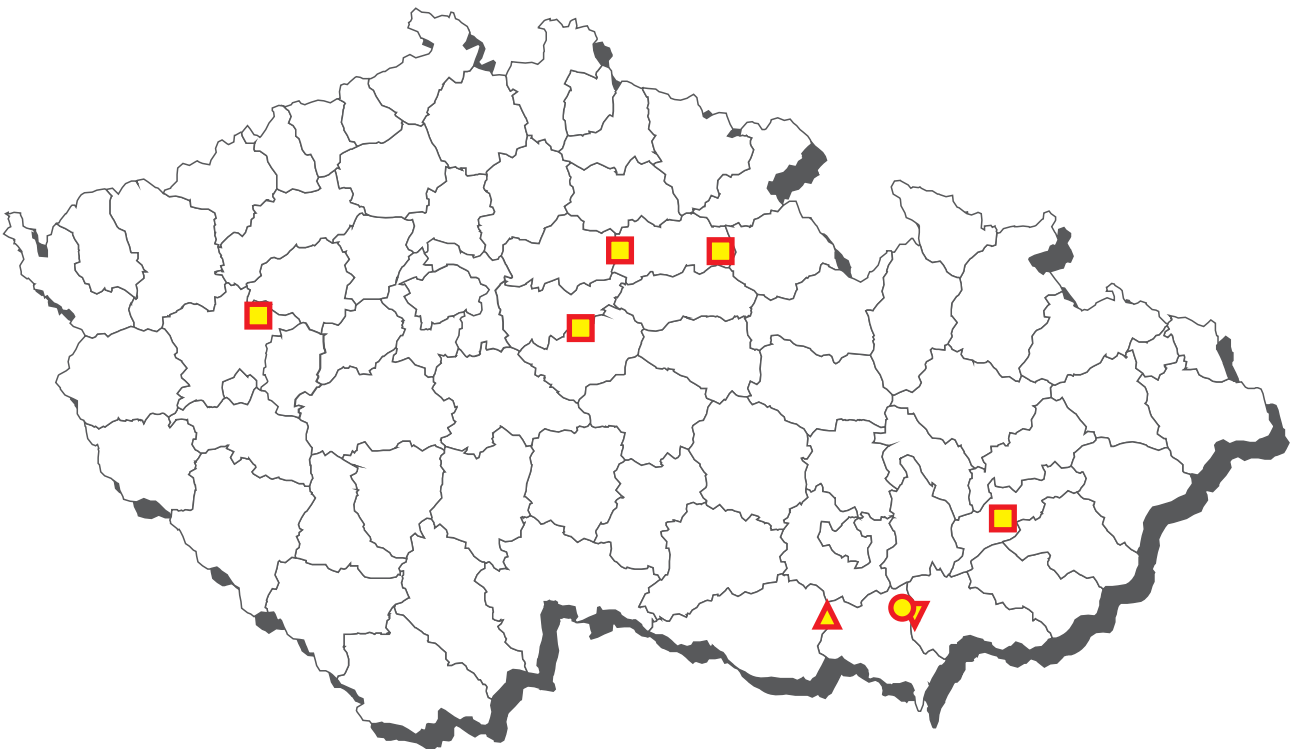
**Goats - urine - monitoring - (value in mg/l)**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A5 beta-agonists (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-

# Residues monitoring 2007 - sampling of pigs



## Pigs - overlimits findings 2007



- chloramfenikol in muscle
- ▲ 17-beta-19-nortestosteron in urine
- dihydrostreptomycin in kidney (monitoring)
- ▼ dihydrostreptomycin in kidney (indicated sampling)

## Pigs - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 gestagens (group)	50	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AHD	8	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	8	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	25	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	196	5	2,6	5	2,6	n.d.	0,229	n.d.	n.d.	11,000
A6 nitroimidazole (group)	25	0	0,0	0	0,0	n.d.	1,500	n.d.	n.d.	n.d.
A6 SEM	8	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB	432	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	432	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 doxycycline	1	0	0,0	0	0,0	n.d.	0,000	0,000	0,000	n.d.
B1 enrofloxacin	432	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	432	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	432	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 chlortetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxoline acid	432	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	432	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 oxytetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine (group)	432	4	1,0	0	0,0	n.d.	0,011	n.d.	n.d.	0,104
B1 sulfadiazine	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	432	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	432	1	0,0	1*	0,3	n.d.	*****	n.d.	n.d.	n.d.
B1 valnemulin	430	0	0,0	0	0,0	n.d.	0,014	n.d.	n.d.	n.d.
B2a oxfendazol	23	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B2c aldicarb	109	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c carbofuran	109	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2c cyhalothrin	109	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	109	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	109	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c deltamethrin	109	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c methiocarb	109	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2c methomyl	109	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2c propoxur	109	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2e diclofenac	30	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e flunixin	30	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e oxyphenbutazon	30	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e phenylbutazone	30	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B3a 2,4'-DDT	99	1	1,0	0	0,0	n.d.	0,002	n.d.	n.d.	0,059
B3a 4,4'-DDD	99	11	11,1	0	0,0	n.d.	0,004	n.d.	0,004	0,220
B3a 4,4'-DDE	99	46	46,5	0	0,0	n.d.	0,009	n.d.	0,016	0,279
B3a 4,4'-DDT	99	30	30,3	0	0,0	n.d.	0,009	n.d.	0,020	0,249
B3a aldrin	99	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a alpha-HCH	99	1	1,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,004
B3a beta-HCH	99	2	2,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,005
B3a DDT (sum)	99	50	50,5	0	0,0	0,005	0,015	n.d.	0,039	0,290
B3a dieldrin	99	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endosulfan - sum	99	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a endrin	99	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	99	2	2,0	0	0,0	n.d.	0,001	n.d.	n.d.	0,005
B3a heptachlor	99	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a hexachlorobenzene	99	16	16,2	0	0,0	n.d.	0,001	n.d.	0,003	0,009
B3a chlordan	99	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	102	23	22,5	0	0,0	n.d.	0,007	n.d.	0,014	0,127
B3a PCB 101 (congener)	102	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	102	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	102	17	16,7	0	0,0	n.d.	0,002	n.d.	0,004	0,025
B3a PCB 153 (congener)	102	21	20,6	0	0,0	n.d.	0,004	n.d.	0,006	0,071
B3a PCB 180 (congener)	102	19	18,6	0	0,0	n.d.	0,003	n.d.	0,005	0,031
B3a PCB 28 (congener)	102	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	102	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	101	15	14,9	0	0,0	n.d.	0,004	n.d.	0,010	0,023
B3c cadmium	101	6	5,9	0	0,0	n.d.	0,003	n.d.	n.d.	0,020
B3c lead	101	4	4,0	0	0,0	n.d.	0,006	n.d.	n.d.	0,030
B3c mercury	101	74	73,3	0	0,0	0,001	0,002	n.d.	0,006	0,010
B3f Cesium 134	25	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3f Cesium 137	25	4	16,0	0	0,0	n.d.	0,065	n.d.	0,126	0,210

\*Confirmation of findings - tetracycline, chlortetracycline, oxytetracycline, doxycycline nedetekovany

## Pigs - muscle - list of overlimit findings

Sampling	cadastral district	district	value
<b>chloramphenicol</b>			
15.10.2007	Kralovice u Rakovnika	Plzeň-sever	1,3 ug/kg
25.5.2007	Luzec over Cidlinou	Hradec Kralove	2,4 ug/kg
22.10.2007	Miskovice	Kutna Hora	1 ug/kg
3.10.2007	Nepasice	Hradec Kralove	0,1 ug/kg
14.3.2007	Tesnovice	Kromeriz	11 ug/kg

## Pigs - muscle - monitoring (value in mg/kg)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	432	0	0	0	0	0
B1 doxycycline	0,10000 mg/kg	1	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	432	0	0	0	0	0
B1 flumequine	0,20000 mg/kg	432	0	0	0	0	0
B1 chlortetracycline	0,10000 mg/kg	1	0	0	0	0	0
B1 oxytetracycline	0,10000 mg/kg	1	0	0	0	0	0
B1 streptomycine	0,50000 mg/kg	432	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	432	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	432	0	0	0	0	0
B1 tetracycline	0,10000 mg/kg	1	0	0	0	0	0
B1 valnemulin	0,05000 mg/kg	430	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	23	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	109	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	109	0	0	0	0	0
B2c cyhalothrin	0,50000 mg/kg of fat	109	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,20000 mg/kg of fat	109	0	0	0	0	0
B2c permethrin (sum of isomers)	0,50000 mg/kg of fat	109	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	109	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	109	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	109	0	0	0	0	0
B2e diclofenac	5,00000 ug/kg	30	0	0	0	0	0
B2e flunixin	50,00000 ug/kg	30	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	99	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	99	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	99	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	99	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	99	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	99	0	0	0	0	0
B3a gamma-HCH (lindane)	0,02000 mg/kg of fat	99	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	99	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	99	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	99	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	99	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	101	1	0	0	0	0
B3c arsenic	0,10000 mg/kg	101	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	101	0	0	0	0	0
B3c lead	0,10000 mg/kg	101	0	0	0	0	0
B3c mercury	0,05000 mg/kg	101	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	25	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	25	0	0	0	0	0

## Pigs - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	80	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.
B1 beta lactamic ATB	425	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 dihydrostreptomycine	1	1	100,0	1	100,0	3,310	-	-	-	-
B1 gentamycin, neomycine (group)	425	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 streptomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine (group)	425	6	1,4	1*	0,2	n.d.	0,022	n.d.	n.d.	3,800
B1 tetracycline (group)	317	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a abamectin	106	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2a doramectin	106	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2a ivermectin	106	0	0,0	0	0,0	n.d.	0,006	n.d.	n.d.	n.d.
B2a moxidectin	106	0	0,0	0	0,0	n.d.	0,008	n.d.	n.d.	n.d.
B2b lasalocid	50	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b maduramicine	50	0	0,0	0	0,0	n.d.	2,140	n.d.	n.d.	n.d.
B2b monensin	50	0	0,0	0	0,0	n.d.	2,140	n.d.	n.d.	n.d.
B2b narazin	50	0	0,0	0	0,0	n.d.	2,140	n.d.	n.d.	n.d.
B2b salinomycine	50	0	0,0	0	0,0	n.d.	2,140	n.d.	n.d.	n.d.
B3b diazinon	48	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3b phorate	48	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3b pyrimiphosmethyl	48	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3c cadmium	103	100	97,1	0	0,0	0,030	0,040	0,010	0,075	0,260
B3c lead	103	23	22,3	0	0,0	n.d.	0,015	n.d.	0,030	0,093
B3d aflatoxin B1	17	0	0,0	0	0,0	n.d.	0,049	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	17	0	0,0	0	0,0	n.d.	0,079	n.d.	n.d.	n.d.

\* screening finding - confirmation of dihydrostreptomycine - overlimit

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 dihydrostreptomycine	0,50000 mg/kg	0	0	0	0	0	1
B1 streptomycine	0,50000 mg/kg	1	0	0	0	0	0
B2a doramectin	0,05000 mg/kg	106	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	106	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	48	0	0	0	0	0
B3b phorate	0,05000 mg/kg	48	0	0	0	0	0
B3b pyrimiphosmethyl	0,01000 mg/kg	48	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	102	1	0	0	0	0
B3c lead	0,50000 mg/kg	103	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	17	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	17	0	0	0	0	0

## Pigs - liver - list of overlimit findings

Sampling	cadastral district	district	value
dihydrostreptomycine			
21.8.2007	Terezín u cejce	Hodonin	3,31 mg/kg

## Pigs - kidney - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chlorpromazine	20	0	0,0	0	0,0	n.d.	5,000	n.d.	n.d.	n.d.
B1 aminoglykosides (group)	424	0	0,0	1*	0,3	n.d.	*****	n.d.	n.d.	n.d.
B1 beta lactamic ATB	424	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 doxycycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 chlortetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 neomycine (incl. framycetin)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxytetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	424	0	0,0	1**	0,3	n.d.	0,025	n.d.	n.d.	n.d.
B2d carazolol	80	0	0,0	0	0,0	n.d.	7,500	n.d.	n.d.	n.d.
B2d propionylpromazine	80	0	0,0	0	0,0	n.d.	11,625	n.d.	n.d.	n.d.
B3c cadmium	99	99	100,0	0	0,0	0,150	0,200	0,065	0,412	0,903
B3c lead	99	23	23,2	0	0,0	n.d.	0,013	n.d.	0,020	0,170
B3d ochratoxin A	19	1	5,3	0	0,0	n.d.	0,175	n.d.	n.d.	0,830

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 doxycycline	0,60000 mg/kg	1	0	0	0	0	0
B1 gentamycin	0,75000 mg/kg	1	0	0	0	0	0
B1 chlortetracycline	0,60000 mg/kg	1	0	0	0	0	0
B1 neomycine (incl. framycetin)	5,00000 mg/kg	1	0	0	0	0	0
B1 oxytetracycline	0,60000 mg/kg	1	0	0	0	0	0
B1 tetracycline	0,60000 mg/kg	1	0	0	0	0	0
B2d carazolol	25,00000 ug/kg	80	0	0	0	0	0
B3c cadmium	1,00000 mg/kg	93	5	1	0	0	0
B3c lead	0,50000 mg/kg	99	0	0	0	0	0
B3d ochratoxin A	10,00000 ug/kg	19	0	0	0	0	0

\* Confirmation of findings - gentamycin, neomycine: non-detected

\*\* Confirmation of findings - tetracycline, chlortetracycline, oxytetracycline, doxycycline: non-detected

## Pigs - urine - farmaka - monitoring (value in mg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	95	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A2 thyreostatics (group)	55	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 17-beta-19-nortestosterone	64	1	1,6	1	1,6	n.d.	n.d.	n.d.	n.d.	2,000
A3 ethinylestradiol	42	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 methyltestosterone	44	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 stanazolol	7	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A3 trenbolone	45	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 zeranol	16	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A5 beta-agonists (group)	5	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A6 chloramphenicol	33	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
B2f dexamethason	11	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 alfa-zearalenol	15	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 boldenon	5	0	0,0	0	0,0	n.d.	n.d.	-	-	n.d.
A4 beta-zearalenol	15	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 RALs (group)	85	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A4 taleranol	16	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.
A3 triamcinolon	11	0	0,0	0	0,0	n.d.	n.d.	n.d.	n.d.	n.d.

## Pigs - urine - list of overlimit findings

Sampling	cadastral district	district	value
17-beta-19-nortestosterone			
13.8.2007	Vlasatice	Breclav	1,7 ug/l

## Pigs - dioxiny - monitoring (value in pg/g of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	3	3	100,0	0	0,0	39,900	35,967	-	-	53,400
B3a PCB 114 (congener)	3	2	66,7	0	0,0	4,240	3,243	-	-	5,050
B3a PCB 118 (congener)	3	3	100,0	0	0,0	144,000	124,967	-	-	182,000
B3a PCB 123 (congener)	3	3	100,0	0	0,0	7,270	10,393	-	-	19,300
B3a PCB 126 (congener)	3	1	33,3	0	0,0	n.d.	0,848	-	-	3,340
B3a PCB 156 (congener)	3	3	100,0	0	0,0	59,100	47,433	-	-	63,200
B3a PCB 157 (congener)	3	2	66,7	0	0,0	3,940	3,562	-	-	6,330
B3a PCB 167 (congener)	3	3	100,0	0	0,0	22,300	18,730	-	-	24,000
B3a PCB 169 (congener)	3	0	0,0	0	0,0	n.d.	0,215	-	-	n.d.
B3a PCB 189 (congener)	3	2	66,7	0	0,0	3,600	7,004	-	-	17,000
B3a PCB 77 (congener)	3	3	100,0	0	0,0	20,500	15,860	-	-	24,600
B3a PCB 81 (congener)	3	2	66,7	0	0,0	1,970	1,792	-	-	3,290
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	0,836	0,912	-	-	1,100
B3a WHO-PCDD/F-TEQ	3	1	33,3	0	0,0	n.d.	0,483	-	-	0,749
B3a 1,2,3,4,6,7,8-HpCDD	3	1	33,3	0	0,0	n.d.	1,667	-	-	4,780
B3a 1,2,3,4,6,7,8-HpCDF	3	0	0,0	0	0,0	n.d.	0,117	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	3	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	3	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,120	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	3	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,108	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	3	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	3	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	3	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	3	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,102	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	3	0	0,0	0	0,0	n.d.	0,109	-	-	n.d.
B3a 2,3,7,8-TCDD	3	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	3	0	0,0	0	0,0	n.d.	0,078	-	-	n.d.
B3a OCDD	3	1	33,3	0	0,0	n.d.	14,207	-	-	42,100
B3a OCDF	3	1	33,3	0	0,0	n.d.	1,310	-	-	3,380

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-PCB-TEQ	1,50000 pg/g of fat	0	3	0	0	0	0
B3a WHO-PCDD/F-TEQ	1,00000 pg/g of fat	2	1	0	0	0	0

## Pigs - muscle - indicated sampling (value in mg/kg)

 $\mu\text{g/kg}$ 

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	16	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.

## Pigs - liver - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 dihydrostreptomycine	1	1	100,0	1	100,0	0,670	-	-	-	0,670
B1 streptomycine	1	0	0,0	0	0,0	-	-	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 dihydrostreptomycine	0,50000 mg/kg	0	0	0	1	0	0
B1 streptomycine	0,50000 mg/kg	1	0	0	0	0	0

## Pigs - liver - indicated sampling - list of overlimit findings

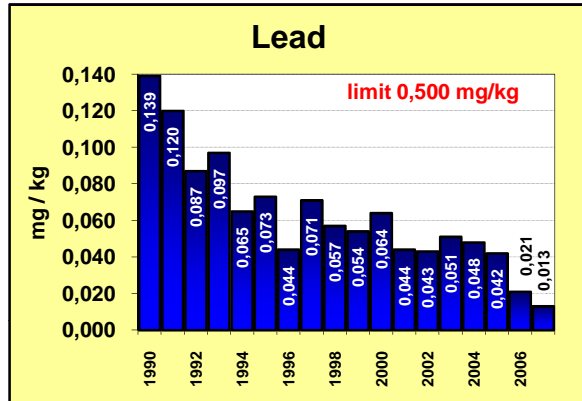
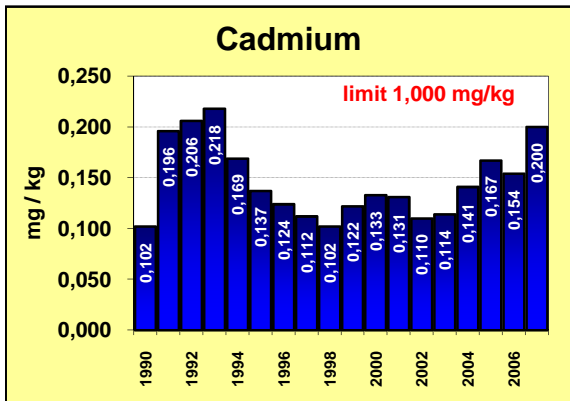
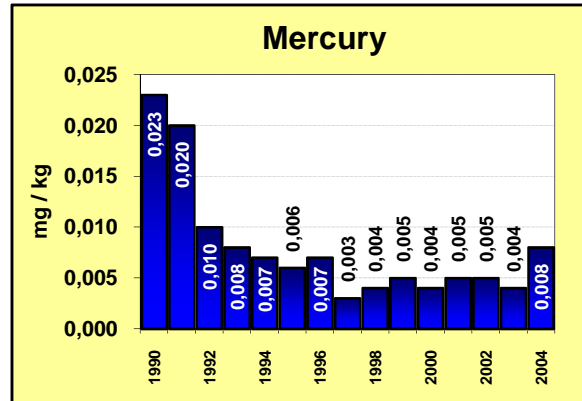
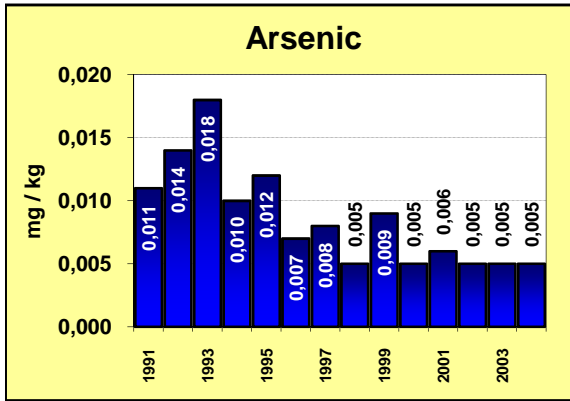
Sampling	cadastral district	district	value
dihydrostreptomycine			
16.11.2007	Terezin u cejce	Hodonin	0,67 mg/kg

## Pigs - urine - indicated sampling (value in mg/kg)

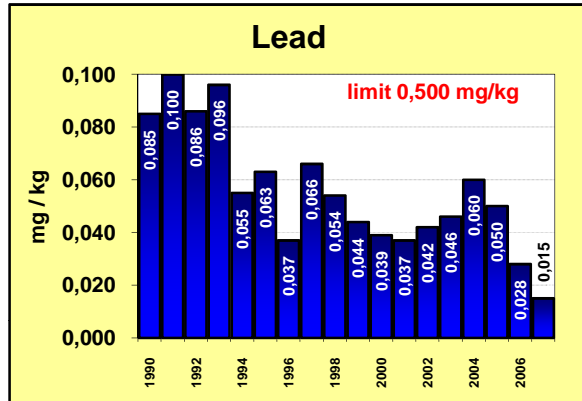
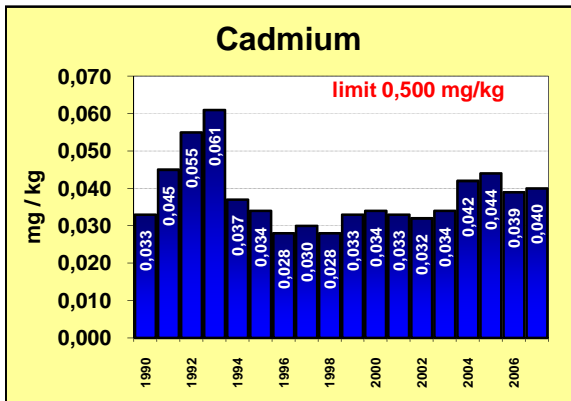
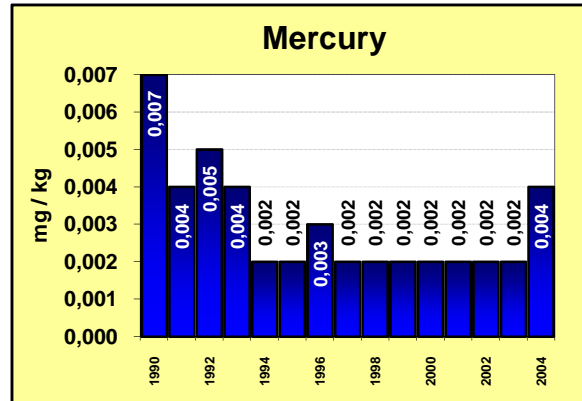
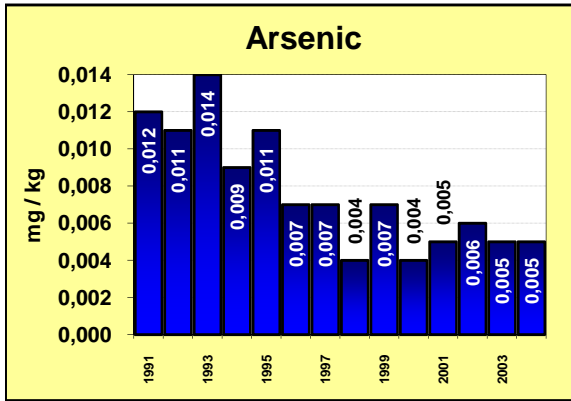
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A3 17-beta-19-nortestosterone	4	0	0,0	0	0,0	n.d.	0,125	-	-	n.d.
A6 chloramphenicol	12	0	0,0	0	0,0	n.d.	0,058	n.d.	n.d.	n.d.



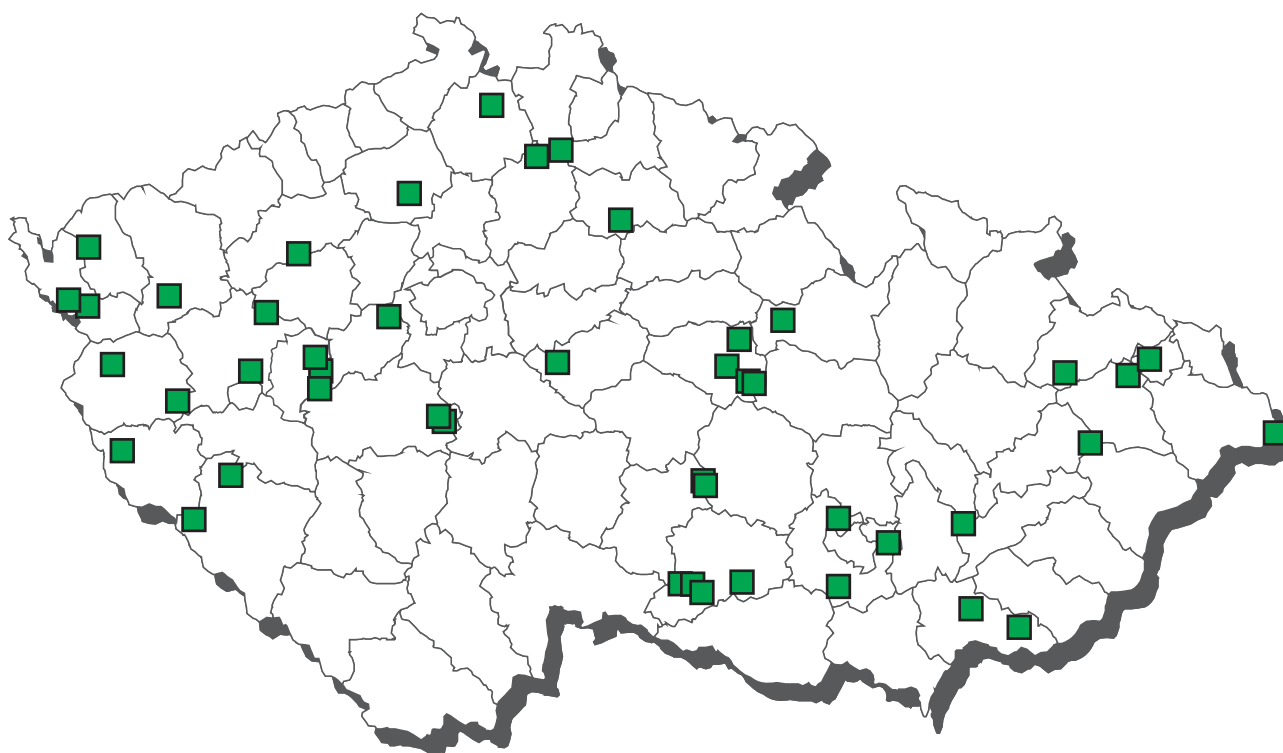
### Average content of contaminants in kidney of pigs



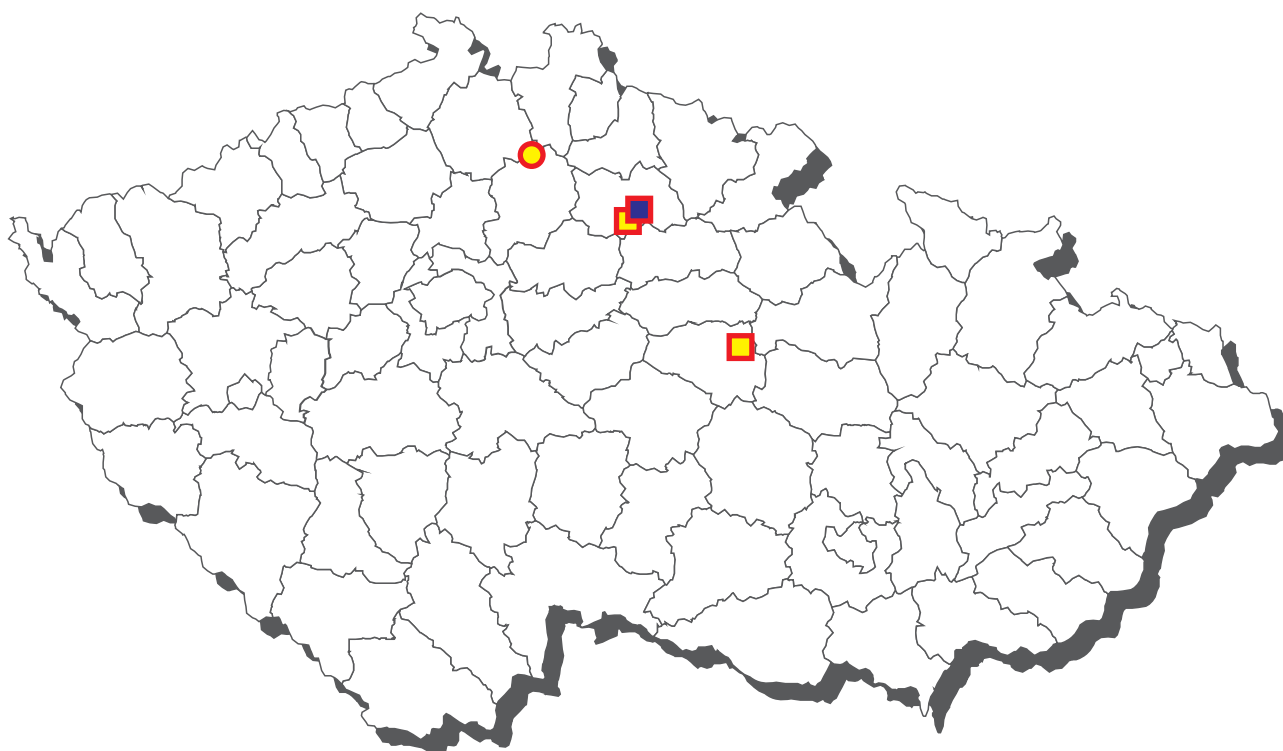
### Average content of contaminants in liver of pigs



## Residues monitoring 2007 - sampling of chicken



## Chicken - overlimits findings 2007



■ chloramfenikol in muscle  
● lasalocid in kidney

■ chloramfenikol in muscle  
(indicated sampling)

**Chicken - muscle - monitoring (value in mg/kg)**

**µg/kg      mg/kg of fat**

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	27	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A2 thyreostatics (group)	24	0	0,0	0	0,0	n.d.	25,000	n.d.	n.d.	n.d.
A3 methyltestosterone	6	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A3 trenbolone	23	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A4 alfa-zearalenol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 beta-zearalenol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	29	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A4 taleranol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 zeranol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AHD	7	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	7	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	42	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	178	2	1,1	2	1,1	n.d.	0,151	n.d.	n.d.	0,400
A6 nitroimidazole (group)	28	0	0,0	0	0,0	n.d.	1,500	n.d.	n.d.	n.d.
A6 SEM	7	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB (group)	82	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	82	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	82	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	82	0	0,0	0	0,0	n.d.	0,011	n.d.	n.d.	n.d.
B1 sulfadiazine	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	82	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 valnemulin	82	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B2a levamisol	24	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c aldicarb	20	0	0,0	0	0,0	n.d.	0,004	n.d.	n.d.	n.d.
B2c carbofuran	20	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c cyhalothrin	20	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	20	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c deltamethrin	20	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c methiocarb	20	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2c methomyl	20	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	20	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c propoxur	20	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2e diclofenac	12	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e flunixin	12	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e oxyphenbutazon	12	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e phenylbutazone	12	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2e vedaprofen	12	0	0,0	0	0,0	n.d.	4,178	n.d.	n.d.	n.d.
B3a 2,4'-DDT	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDE	20	4	20,0	0	0,0	n.d.	0,000	n.d.	0,000	0,000
B3a 4,4'-DDT	20	1	5,0	0	0,0	n.d.	0,000	n.d.	n.d.	0,001
B3a aldrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	20	4	20,0	0	0,0	n.d.	0,000	n.d.	0,000	0,001
B3a dieldrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	20	4	20,0	0	0,0	n.d.	0,000	n.d.	0,001	0,001
B3a chlordan	20	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	23	5	21,7	0	0,0	n.d.	0,003	n.d.	0,010	0,013
B3a PCB 101 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	23	4	17,4	0	0,0	n.d.	0,002	n.d.	0,004	0,006
B3a PCB 153 (congener)	23	5	21,7	0	0,0	n.d.	0,002	n.d.	0,004	0,004
B3a PCB 180 (congener)	23	2	8,7	0	0,0	n.d.	0,001	n.d.	n.d.	0,005
B3a PCB 28 (congener)	23	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	23	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	20	6	30,0	0	0,0	n.d.	0,008	n.d.	0,030	0,038
B3c cadmium	20	2	10,0	0	0,0	n.d.	0,003	n.d.	0,007	0,010
B3c lead	20	3	15,0	0	0,0	n.d.	0,007	n.d.	0,021	0,024
B3c mercury	20	13	65,0	0	0,0	0,001	0,002	n.d.	0,008	0,011
B3f Cesium 134	10	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3f Cesium 137	10	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.

## Chicken - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	82	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	82	0	0	0	0	0
B1 flumequine	0,40000 mg/kg	82	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	82	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	82	0	0	0	0	0
B2a levamisol	0,01000 mg/kg	24	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	20	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	20	0	0	0	0	0
B2c cyhalothrin	0,01000 mg/kg	20	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,01000 mg/kg	20	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	20	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	20	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	20	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	20	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	20	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	20	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	20	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	20	0	0	0	0	0
B3a endrin	0,01000 mg/kg	20	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	20	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	20	0	0	0	0	0
B3a gamma-HCH (lindane)	0,07000 mg/kg	20	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	20	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	20	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	20	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	20	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	23	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	20	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	20	0	0	0	0	0
B3c lead	0,10000 mg/kg	20	0	0	0	0	0
B3c mercury	0,05000 mg/kg	20	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	10	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	10	0	0	0	0	0

## Chicken - muscle - list of overlimit findings

Sampling	cadastral district	district	value
<b>chloramphenicol</b>			
16.10.2007	Luze	Chrudim	0,4 ug/kg
28.8.2007	Vysoke Veseli	Jicin	0,3 ug/kg

## Chicken - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	28	0	0,0	0	0,0	n.d.	0,250	n.d.	n.d.	n.d.
B2b lasalocid	36	1	2,8	1	2,8	n.d.	10,889	n.d.	n.d.	192,000
B2b maduramicine	36	0	0,0	0	0,0	n.d.	2,083	n.d.	n.d.	n.d.
B2b monensin	36	0	0,0	0	0,0	n.d.	2,147	n.d.	n.d.	n.d.
B2b narazin	36	0	0,0	0	0,0	n.d.	2,083	n.d.	n.d.	n.d.
B2b nicarbazine	36	11	30,6	0	0,0	n.d.	9,319	n.d.	29,765	89,300
B2b salinomycine	36	0	0,0	0	0,0	n.d.	2,083	n.d.	n.d.	n.d.
B3c cadmium	20	14	70,0	0	0,0	0,010	0,009	n.d.	0,020	0,023
B3c lead	20	1	5,0	0	0,0	n.d.	0,009	n.d.	n.d.	0,020
B3c mercury	20	16	80,0	0	0,0	0,001	0,002	n.d.	0,007	0,009
B3d aflatoxin B1	19	0	0,0	0	0,0	n.d.	0,053	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	19	0	0,0	0	0,0	n.d.	0,083	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b nicarbazine	200 ug/kg	36	0	0	0	0	0
B2b lasalocid	100 ug/kg	35	0	0	0	1	0
B3c cadmium	0,50000 mg/kg	20	0	0	0	0	0
B3c lead	0,50000 mg/kg	20	0	0	0	0	0
B3c mercury	0,05000 mg/kg	20	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	19	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	19	0	0	0	0	0

## Chicken - liver - list of overlimit findings

Sampling	cadastral district	district	value
lasalocid			
16.10.2007	Loukov u Mnichova Hradiste	Mlada Boleslav	192,0 ug/kg

## Chicken - dioxins - monitoring (value in pg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	3	3	100,0	0	0,0	121,000	160,000	-	-	246,000
B3a PCB 114 (congener)	3	3	100,0	0	0,0	24,300	18,780	-	-	26,500
B3a PCB 118 (congener)	3	3	100,0	0	0,0	388,000	512,667	-	-	773,000
B3a PCB 123 (congener)	3	3	100,0	0	0,0	57,000	65,400	-	-	88,100
B3a PCB 126 (congener)	3	0	0,0	0	0,0	n.d.	0,129	-	-	n.d.
B3a PCB 156 (congener)	3	3	100,0	0	0,0	163,000	175,667	-	-	262,000
B3a PCB 157 (congener)	3	2	66,7	0	0,0	6,420	9,160	-	-	19,500
B3a PCB 167 (congener)	3	2	66,7	0	0,0	42,300	39,140	-	-	74,700
B3a PCB 169 (congener)	3	0	0,0	0	0,0	n.d.	0,215	-	-	n.d.
B3a PCB 189 (congener)	3	2	66,7	0	0,0	11,200	8,457	-	-	19,800
B3a PCB 77 (congener)	3	3	100,0	0	0,0	66,100	83,733	-	-	139,000
B3a PCB 81 (congener)	3	2	66,7	0	0,0	13,200	9,239	-	-	14,400
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,270	1,370	-	-	1,840
B3a WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	1,120	1,153	-	-	1,640
B3a 1,2,3,4,6,7,8-HpCDD (polychloro)	3	2	66,7	0	0,0	34,600	37,970	-	-	79,200
B3a 1,2,3,4,6,7,8-HpCDF (polychloro)	3	1	33,3	0	0,0	n.d.	2,799	-	-	9,820
B3a 1,2,3,4,7,8,9-HpCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD (polychloro)	3	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,120	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD (polychloro)	3	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,108	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD (polychloro)	3	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD (polychloro)	3	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,102	-	-	n.d.
B3a 2,3,4,7,8-PeCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,109	-	-	n.d.
B3a 2,3,7,8-TCDD (polychloro)	3	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF (polychloro)	3	0	0,0	0	0,0	n.d.	0,078	-	-	n.d.
B3a OCDD (polychloro)	3	2	66,7	0	0,0	409,000	315,202	-	-	532,000
B3a OCDF (polychloro)	3	1	33,3	0	0,0	n.d.	20,017	-	-	59,500

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
WHO-PCDD/F-PCB-TEQ	4,00000 pg/g of fat	3	0	0	0	0	0
WHO-PCDD/F-TEQ	2,00000 pg/g of fat	1	1	1	0	0	0

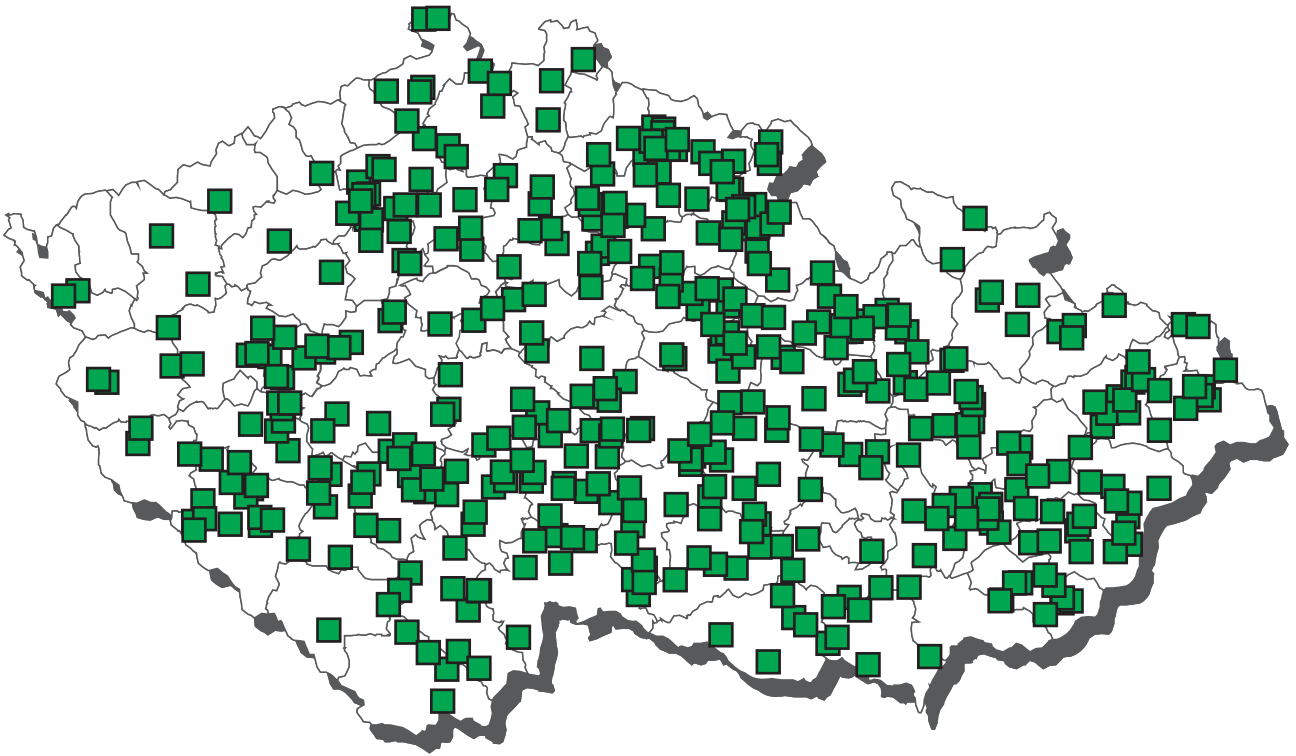
## Chicken - muscle - indicated sampling (value in ug/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	4	2	50,0	2	50,0	0,390	0,433	-	-	0,950

## Chicken - muscle - indicated sampling - list of overlimit findings

Sampling	cadastral district	district	value
chloramphenicol			
9.10.2007	Vysoke Veseli	Jicin	0,95 ug/kg
9.10.2007	Vysoke Veseli	Jicin	0,68 ug/kg

# Residues monitoring 2007 - sampling of hens



## Hens - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	6	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A4 RALs (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AHD	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	7	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	19	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	7	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB (group)	27	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	29	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	29	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	29	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	29	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 oxoline acid	29	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	29	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 streptomycine (group)	29	0	0,0	0	0,0	n.d.	0,013	n.d.	n.d.	n.d.
B1 sulfadiazine	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaguinoxaline	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	29	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	29	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 valnemulin	29	0	0,0	0	0,0	n.d.	0,013	n.d.	n.d.	n.d.
B2a levamisol	6	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c aldicarb	11	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c carbofuran	11	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2c cyhalothrin	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B2c deltamethrin	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B2c methiocarb	11	0	0,0	0	0,0	n.d.	0,012	n.d.	n.d.	n.d.
B2c methomyl	11	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B2c propoxur	11	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B2e diclofenac	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	4	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e vedaprofen	4	0	0,0	0	0,0	n.d.	5,005	-	-	n.d.
B3a 2,4'-DDT	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDE	11	3	27,3	0	0,0	n.d.	0,000	n.d.	0,000	0,000
B3a 4,4'-DDT	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a aldrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a heptachlor	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	11	2	18,2	0	0,0	n.d.	0,000	n.d.	0,001	0,001
B3a chlordan	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	11	4	36,4	0	0,0	n.d.	0,011	n.d.	0,038	0,040
B3a PCB 101 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	11	4	36,4	0	0,0	n.d.	0,004	n.d.	0,011	0,011
B3a PCB 153 (congener)	11	4	36,4	0	0,0	n.d.	0,004	n.d.	0,013	0,014
B3a PCB 180 (congener)	11	4	36,4	0	0,0	n.d.	0,004	n.d.	0,014	0,015
B3a PCB 28 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	11	1	9,1	0	0,0	n.d.	0,003	n.d.	n.d.	0,007
B3c cadmium	11	2	18,2	0	0,0	n.d.	0,004	n.d.	0,009	0,010
B3c lead	11	2	18,2	0	0,0	n.d.	0,007	n.d.	0,020	0,023
B3c mercury	11	11	100,0	0	0,0	0,003	0,004	0,001	0,012	0,013
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	0	0,0	0	0,0	n.d.	-	-	-	-



## Hens - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	29	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	29	0	0	0	0	0
B1 flumequine	0,40000 mg/kg	29	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	29	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	29	0	0	0	0	0
B2a levamisol	0,01000 mg/kg	6	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	11	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	11	0	0	0	0	0
B2c cyhalothrin	0,01000 mg/kg	11	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,01000 mg/kg	11	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	11	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	11	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	11	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	11	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	11	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	11	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	11	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	11	0	0	0	0	0
B3a endrin	0,01000 mg/kg	11	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	11	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	11	0	0	0	0	0
B3a gamma-HCH (lindane)	0,07000 mg/kg	11	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	11	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	11	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	11	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	11	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	11	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	11	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	11	0	0	0	0	0
B3c lead	0,10000 mg/kg	11	0	0	0	0	0
B3c mercury	0,05000 mg/kg	11	0	0	0	0	0
B3c Cesium 134	600,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	1	0	0	0	0	0

## Hens - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	3	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B2b lasalocid	36	0	0,0	0	0,0	n.d.	14,375	n.d.	n.d.	n.d.
B2b maduramicine	36	0	0,0	0	0,0	n.d.	2,458	n.d.	n.d.	n.d.
B2b monensin	36	0	0,0	0	0,0	n.d.	2,458	n.d.	n.d.	n.d.
B2b narazin	36	0	0,0	0	0,0	n.d.	2,458	n.d.	n.d.	n.d.
B2b nicarbazine	36	3	8,3	0	0,0	n.d.	8,640	n.d.	n.d.	179,250
B2b salinomycine	36	0	0,0	0	0,0	n.d.	2,458	n.d.	n.d.	n.d.
B3c cadmium	12	12	100,0	0	0,0	0,080	0,078	0,040	0,114	0,120
B3c lead	12	2	16,7	0	0,0	n.d.	0,012	n.d.	0,033	0,038
B3c mercury	12	12	100,0	0	0,0	0,004	0,006	0,001	0,022	0,028
B3d aflatoxin B1	12	0	0,0	0	0,0	n.d.	0,058	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	12	0	0,0	0	0,0	n.d.	0,063	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b nicarbazine	200,00000 ug/kg	36	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	12	0	0	0	0	0
B3c lead	0,50000 mg/kg	12	0	0	0	0	0
B3c mercury	0,05000 mg/kg	11	1	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	12	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	12	0	0	0	0	0

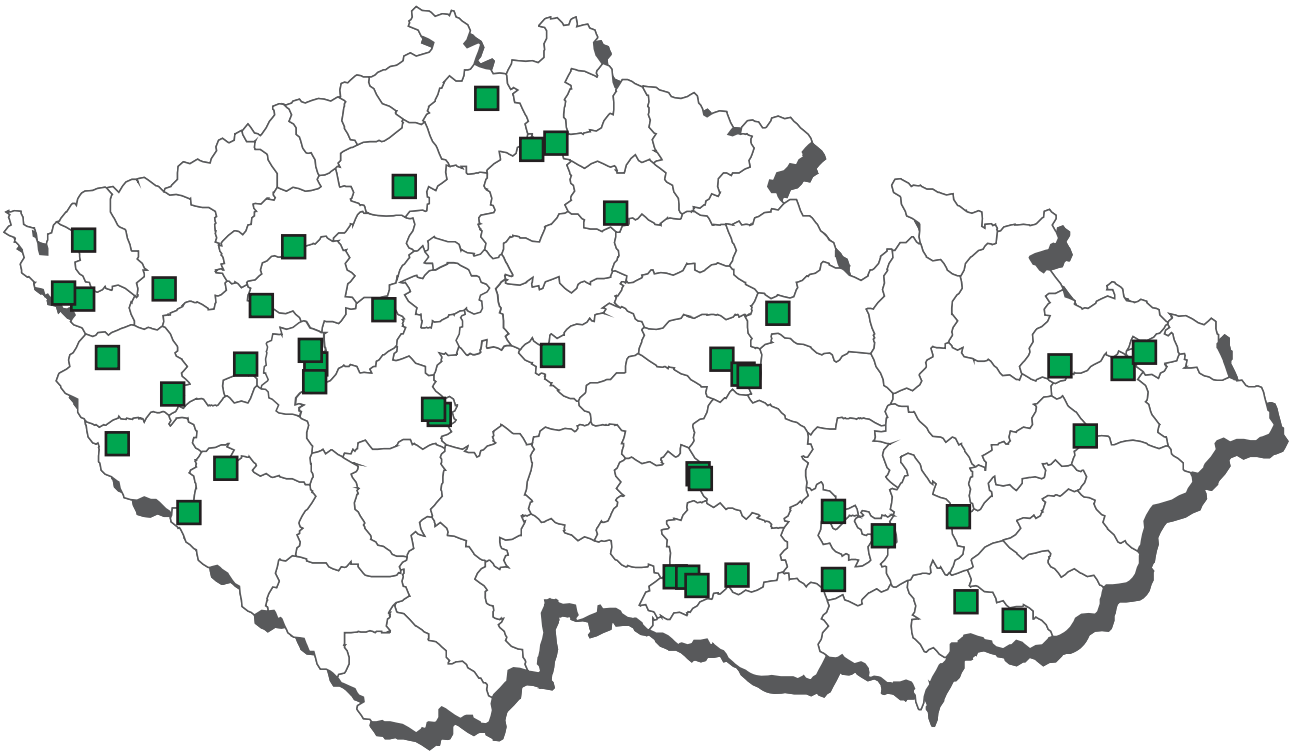
## Hens - muscle - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	5	0	0,0	0	0,0	n.d.	0,110	-	-	n.d.

## Hens - liver - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3d aflatoxin B1	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3d aflatoxins sum B1,B2,G1,G2	1	0	0,0	0	0,0	n.d.	-	-	-	-

# Residues monitoring 2007 - sampling of turkeys



## Turkeys - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	5	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A4 RALs (group)	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AHD	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	14	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	14	0	0,0	0	0,0	n.d.	0,142	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	5	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB	45	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	45	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	45	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	45	0	0,0	0	0,0	n.d.	0,010	n.d.	n.d.	n.d.
B1 sulfadiazine	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaguinoxaline	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	45	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	45	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 valnemulin	45	0	0,0	0	0,0	n.d.	0,018	n.d.	n.d.	n.d.
B2a levamisol	4	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c aldicarb	13	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c carbofuran	13	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c cyhalothrin	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c cypermethrin (sum of isomers)	13	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c deltamethrin	13	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B2c methiocarb	13	0	0,0	0	0,0	n.d.	0,007	n.d.	n.d.	n.d.
B2c methomyl	13	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2c permethrin (sum of isomers)	13	0	0,0	0	0,0	n.d.	0,003	n.d.	n.d.	n.d.
B2c propoxur	13	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2e diclofenac	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e vedaprofen	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B3a 2,4'-DDT	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDE	11	6	54,5	0	0,0	0,000	0,001	n.d.	0,003	0,003
B3a 4,4'-DDT	11	2	18,2	0	0,0	n.d.	0,000	n.d.	0,003	0,003
B3a aldrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a DDT (sum)	11	5	45,5	0	0,0	n.d.	0,001	n.d.	0,005	0,005
B3a dieldrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	11	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	11	1	9,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a heptachlor	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	11	1	9,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a chlordan	11	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	11	7	63,6	0	0,0	0,006	0,010	n.d.	0,039	0,041
B3a PCB 101 (congener)	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3a PCB 138 (congener)	11	4	36,4	0	0,0	n.d.	0,003	n.d.	0,013	0,015
B3a PCB 153 (congener)	11	5	45,5	0	0,0	n.d.	0,004	n.d.	0,017	0,019
B3a PCB 180 (congener)	11	6	54,5	0	0,0	0,003	0,004	n.d.	0,018	0,021
B3a PCB 28 (congener)	11	0	0,0	0	0,0	n.d.	0,001	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c arsenic	11	4	36,4	0	0,0	n.d.	0,011	n.d.	0,044	0,050
B3c cadmium	11	0	0,0	0	0,0	n.d.	0,002	n.d.	n.d.	n.d.
B3c lead	11	1	9,1	0	0,0	n.d.	0,005	n.d.	n.d.	0,010
B3c mercury	11	7	63,6	0	0,0	0,001	0,001	n.d.	0,003	0,004
B3f Cesium 134	3	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3f Cesium 137	3	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.

## Turkeys - muscle - monitoring (value in mg/kg)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	45	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	45	0	0	0	0	0
B1 flumequine	0,40000 mg/kg	45	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	45	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	45	0	0	0	0	0
B2a levamisol	0,01000 mg/kg	4	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	13	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	13	0	0	0	0	0
B2c cyhalothrin	0,01000 mg/kg	13	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,01000 mg/kg	13	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	13	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	13	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	13	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	13	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	13	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	11	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	11	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	11	0	0	0	0	0
B3a endrin	0,01000 mg/kg	11	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	11	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	11	0	0	0	0	0
B3a gamma-HCH (lindane)	0,07000 mg/kg	11	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	11	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	11	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	11	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	11	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	11	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	11	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	11	0	0	0	0	0
B3c lead	0,10000 mg/kg	11	0	0	0	0	0
B3c mercury	0,05000 mg/kg	11	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	3	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	3	0	0	0	0	0

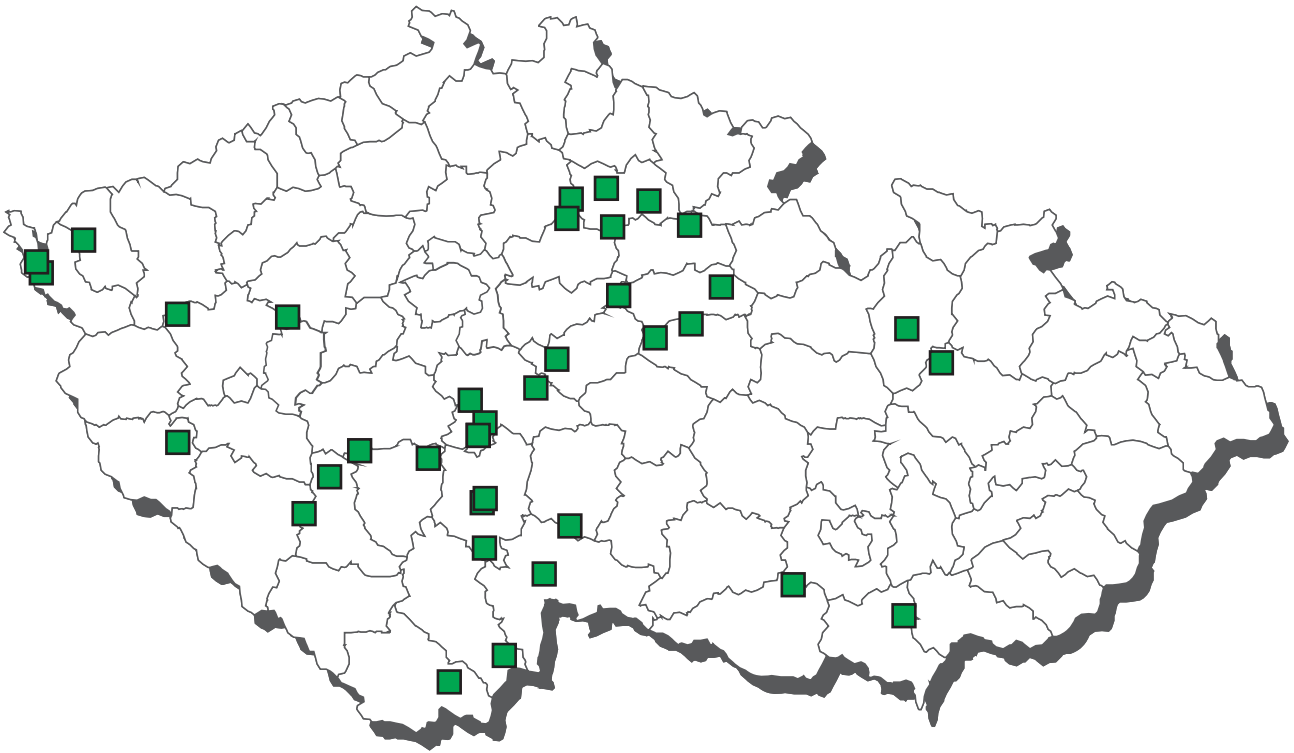
## Turkeys - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	5	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B2b lasalocid	31	0	0,0	0	0,0	n.d.	6,855	n.d.	n.d.	n.d.
B2b maduramicine	31	0	0,0	0	0,0	n.d.	1,581	n.d.	n.d.	n.d.
B2b monensin	31	0	0,0	0	0,0	n.d.	1,581	n.d.	n.d.	n.d.
B2b narazin	31	0	0,0	0	0,0	n.d.	1,581	n.d.	n.d.	n.d.
B2b nicarbazine	31	0	0,0	0	0,0	n.d.	1,581	n.d.	n.d.	n.d.
B2b salinomycine	31	0	0,0	0	0,0	n.d.	1,581	n.d.	n.d.	n.d.
B3c cadmium	11	11	100,0	0	0,0	0,060	0,077	0,018	0,179	0,193
B3c lead	11	2	18,2	0	0,0	n.d.	0,014	n.d.	0,042	0,045
B3c mercury	11	9	81,8	0	0,0	0,002	0,003	n.d.	0,007	0,007
B3d aflatoxin B1	11	0	0,0	0	0,0	n.d.	0,043	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	11	0	0,0	0	0,0	n.d.	0,088	n.d.	n.d.	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b nicarbazine	200,0000 ug/kg	31	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	11	0	0	0	0	0
B3c lead	0,50000 mg/kg	11	0	0	0	0	0
B3c mercury	0,05000 mg/kg	11	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	11	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	11	0	0	0	0	0

# Residues monitoring 2007 - sampling of water fowl



## Water fowl - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	3	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A4 RALs (group)	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AHD	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AMOZ	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 AOZ	9	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 chloramphenicol	17	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	5	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
B1 beta lactamic ATB	25	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	25	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	25	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	25	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	25	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 oxoline acid	25	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	25	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 streptomycine (group)	25	0	0,0	0	0,0	n.d.	0,013	n.d.	n.d.	n.d.
B1 sulfadiazine	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaguinoxaline	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	25	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	25	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 valnemulin	25	0	0,0	0	0,0	n.d.	0,013	n.d.	n.d.	n.d.
B2a levamisol	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c aldicarb	6	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c carbofuran	6	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c cyhalothrin	6	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c cypermethrin (sum of isomers)	6	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c permethrin (sum of isomers)	6	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c deltamethrin	6	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c methiocarb	6	0	0,0	0	0,0	n.d.	0,013	-	-	n.d.
B2c methomyl	6	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c propoxur	6	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2e diclofenac	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e vedaprofen	2	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B3a 2,4'-DDT	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDD	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a 4,4'-DDE	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDT	3	1	33,3	0	0,0	n.d.	0,010	-	-	0,028
B3a aldrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a alpha-HCH	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a beta-HCH	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a DDT (sum)	3	1	33,3	0	0,0	n.d.	0,010	-	-	0,028
B3a dieldrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endosulfan - sum	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a endrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a gamma-HCH (lindane)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a heptachlor	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a hexachlorobenzene	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a chlordan	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a PCB - sum of congeners	3	1	33,3	0	0,0	n.d.	0,009	-	-	0,023
B3a PCB 101 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 138 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 153 (congener)	3	1	33,3	0	0,0	n.d.	0,006	-	-	0,017
B3a PCB 180 (congener)	3	1	33,3	0	0,0	n.d.	0,003	-	-	0,006
B3a PCB 28 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c arsenic	3	1	33,3	0	0,0	n.d.	0,003	-	-	0,005
B3c cadmium	3	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c lead	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	3	3	100,0	0	0,0	0,001	0,001	-	-	0,002
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	0	0,0	0	0,0	n.d.	-	-	-	-

## Water fowl - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,20000 mg/kg	25	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	25	0	0	0	0	0
B1 flumequine	0,40000 mg/kg	25	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	25	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	25	0	0	0	0	0
B2a levamisol	0,01000 mg/kg	3	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	6	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	6	0	0	0	0	0
B2c cyhalothrin	0,10000 mg/kg of fat	6	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,10000 mg/kg of fat	6	0	0	0	0	0
B2c permethrin (sum of isomers)	0,50000 mg/kg of fat	6	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	6	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	6	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	6	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	6	0	0	0	0	0
B3a DDT (sum)	1,00000 mg/kg of fat	3	0	0	0	0	0
B3a aldrin	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a dieldrin	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a endrin	0,05000 mg/kg of fat	3	0	0	0	0	0
B3a alpha-HCH	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a beta-HCH	0,10000 mg/kg of fat	3	0	0	0	0	0
B3a gamma-HCH (lindane)	0,70000 mg/kg of fat	3	0	0	0	0	0
B3a heptachlor	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a hexachlorobenzene	0,20000 mg/kg of fat	3	0	0	0	0	0
B3a endosulfan - sum	0,10000 mg/kg of fat	3	0	0	0	0	0
B3a chlordan	0,05000 mg/kg of fat	3	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	3	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	3	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	3	0	0	0	0	0
B3c lead	0,10000 mg/kg	3	0	0	0	0	0
B3c mercury	0,05000 mg/kg	3	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	1	0	0	0	0	0

## Water fowl - liver - monitoring (value in mg/kg)

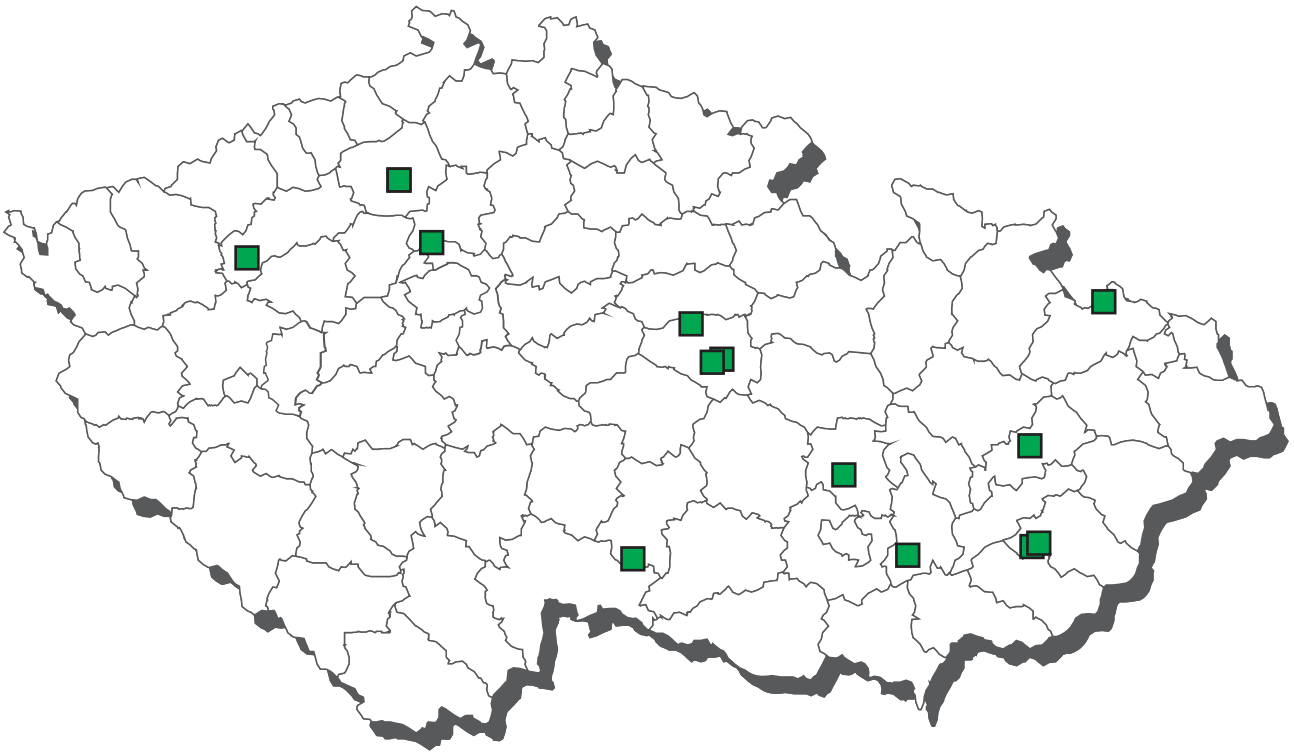
µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	4	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B2b lasalocid	15	0	0,0	0	0,0	n.d.	11,500	n.d.	n.d.	n.d.
B2b maduramicine	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b monensin	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b narazin	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B2b nicarbazine	15	1	6,7	0	0,0	n.d.	4,120	n.d.	n.d.	26,800
B2b salinomycine	15	0	0,0	0	0,0	n.d.	2,500	n.d.	n.d.	n.d.
B3c cadmium	3	3	100,0	0	0,0	0,015	0,042	-	-	0,100
B3c lead	3	1	33,3	0	0,0	n.d.	0,022	-	-	0,057
B3c mercury	3	3	100,0	0	0,0	0,001	0,001	-	-	0,003
B3d aflatoxin B1	3	0	0,0	0	0,0	n.d.	0,075	-	-	n.d.
B3d aflatoxins sum B1,B2,G1,G2	3	0	0,0	0	0,0	n.d.	0,090	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2b nicarbazine	200,000 ug/kg	15	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	3	0	0	0	0	0
B3c lead	0,50000 mg/kg	3	0	0	0	0	0
B3c mercury	0,05000 mg/kg	3	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	3	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	3	0	0	0	0	0



# Residues monitoring 2007 - sampling of ostriches



## Ostriches - muscle - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A2 thyreostatics (group)	2	0	0,0	0	0,0	n.d.	25,000	-	-	n.d.
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	14	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 danofloxacin	14	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	14	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	14	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	14	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	14	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	14	0	0,0	0	0,0	n.d.	0,011	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadiazine	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	14	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	14	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a oxfendazol	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B2c aldicarb	3	0	0,0	0	0,0	n.d.	0,004	-	-	n.d.
B2c carbofuran	3	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2c cypermethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B2c deltamethrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B2c cyhalothrin	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B2c methiocarb	3	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2c methomyl	3	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2c permethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B2c propoxur	3	0	0,0	0	0,0	n.d.	0,007	-	-	n.d.
B2e diclofenac	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e flunixin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e oxyphenbutazon	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e phenylbutazone	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e vedaprofen	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,4'-DDT	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	5	5	100,0	0	0,0	0,000	0,000	-	-	0,000
B3a 4,4'-DDT	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	5	4	80,0	0	0,0	0,000	0,000	-	-	0,000
B3a PCB - sum of congeners	5	3	60,0	0	0,0	0,000	0,000	-	-	0,001
B3a PCB 101 (congener)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	5	2	40,0	0	0,0	n.d.	0,000	-	-	0,000
B3a PCB 153 (congener)	5	3	60,0	0	0,0	0,000	0,000	-	-	0,000
B3a PCB 180 (congener)	5	3	60,0	0	0,0	0,000	0,000	-	-	0,000
B3a PCB 28 (congener)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a aldrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	5	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	5	1	20,0	0	0,0	n.d.	0,000	-	-	0,000
B3c cadmium	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3c lead	5	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	5	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.

## Ostriches - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	14	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	14	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	14	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	14	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	4	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	3	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	3	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	3	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	3	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	3	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	3	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	3	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	3	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	5	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	5	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	5	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	5	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	5	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	5	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	5	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	5	0	0	0	0	0
B3a endrin	0,01000 mg/kg	5	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	5	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	5	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	5	0	0	0	0	0
B3c lead	0,10000 mg/kg	5	0	0	0	0	0
B3c mercury	0,05000 mg/kg	5	0	0	0	0	0

## Ostriches - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B2a abamectin	4	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2a doramectin	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B2a ivermectin	4	0	0,0	0	0,0	n.d.	0,008	-	-	n.d.
B2a moxidectin	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B2b lasalocid	8	0	0,0	0	0,0	n.d.	5,313	-	-	n.d.
B2b maduramicine	8	0	0,0	0	0,0	n.d.	1,188	-	-	n.d.
B2b monensin	8	0	0,0	0	0,0	n.d.	1,188	-	-	n.d.
B2b narazin	8	0	0,0	0	0,0	n.d.	1,188	-	-	n.d.
B2b nicarbazine	8	0	0,0	0	0,0	n.d.	1,188	-	-	n.d.
B2b salinomycine	8	0	0,0	0	0,0	n.d.	1,188	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	0,05000 mg/kg	4	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	4	0	0	0	0	0

# Residues monitoring 2007 - sampling of quails



## Quails - muscle - monitoring (value in mg/kg)

µg/kg

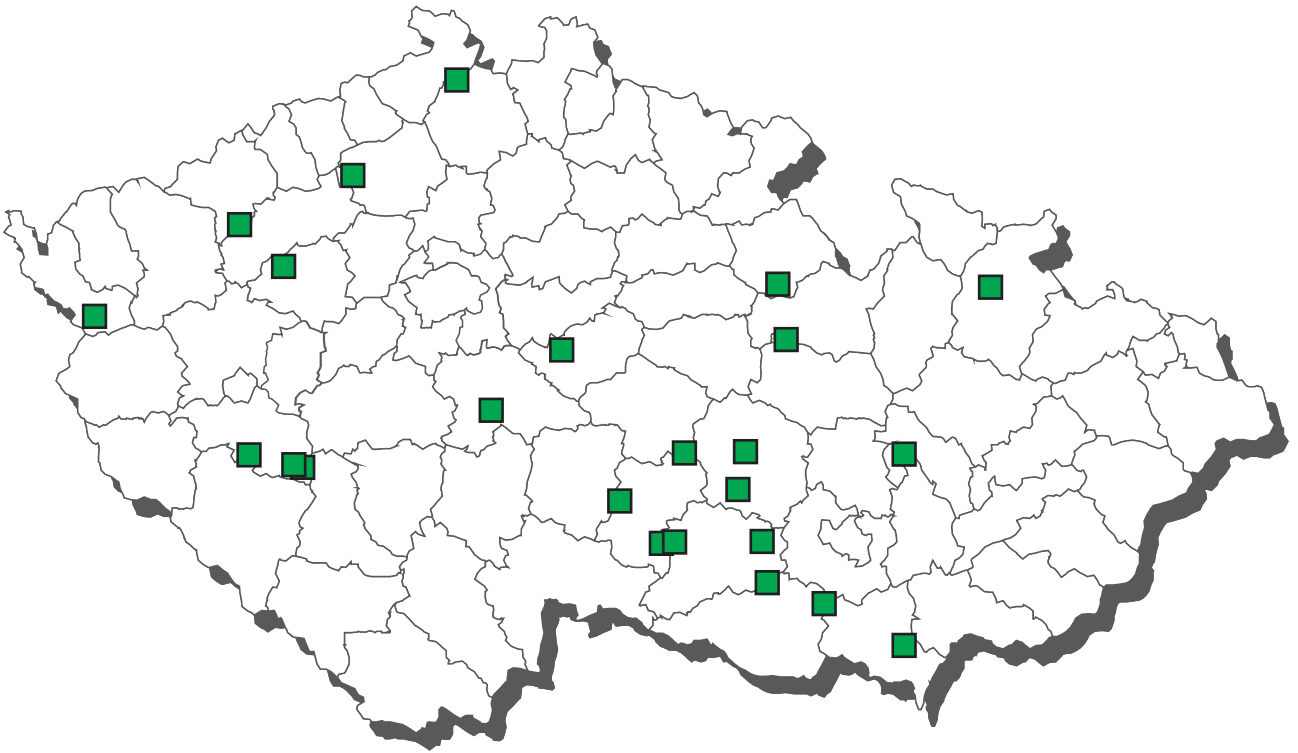
mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 AOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 chloramphenicol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 danofloxacin	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 enrofloxacin	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 gentamycin, neomycine (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 oxoline acid	2	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 macrolidy (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 streptomycine	2	0	0,0	0	0,0	n.d.	0,013	-	-	n.d.
B1 sulfadiazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimethoxine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimidine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadoxin	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfachlorpyridazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamerazin	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxazole	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxydiazine	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfaquinoxaline	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfathiazole	2	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 tetracycline (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a oxfendazol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,4'-DDT	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 4,4'-DDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 4,4'-DDE	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 4,4'-DDT	1	1	100,0	0	0,0	0,001	-	-	-	-
B3a DDT (sum)	1	1	100,0	0	0,0	0,001	-	-	-	-
B3a aldrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a dieldrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a endrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a alpha-HCH	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a beta-HCH	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a gamma-HCH (lindane)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a heptachlor	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a hexachlorobenzene	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a endosulfan - sum	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a chlordan	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 28 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 52 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 101 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 118 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 138 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 153 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 180 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB - sum of congeners	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c cadmium	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c lead	2	2	100,0	0	0,0	0,019	0,019	-	-	0,027
B3c mercury	2	2	100,0	0	0,0	0,002	0,002	-	-	0,002

**Quails - muscle - monitoring (continuation)**

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	2	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	2	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	2	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	2	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	1	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	1	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	1	0	0	0	0	0
B3a endrin	0,01000 mg/kg	1	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	1	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	1	0	0	0	0	0
B3a gamma-HCH (lindane)	0,07000 mg/kg	1	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	1	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	1	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	1	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	1	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	1	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	2	0	0	0	0	0
B3c lead	1,00000 mg/kg	2	0	0	0	0	0
B3c mercury	0,05000 mg/kg	2	0	0	0	0	0

# Residues monitoring 2007 - sampling of rabbits



## Rabbits - muscle - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A4 RALs (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AHD	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AMOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AOZ	4	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	6	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 nitroimidazole (group)	4	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB	18	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	18	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	18	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	18	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	18	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	18	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	18	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B1 sulfadiazine	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinolaxaline	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	18	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	18	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a oxfendazol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c aldicarb	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c carbofuran	2	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2c cyhalothrin	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c cypermethrin (sum of isomers)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c deltamethrin	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B2c methiocarb	2	0	0,0	0	0,0	n.d.	0,009	-	-	n.d.
B2c methomyl	2	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2c permethrin (sum of isomers)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B2c propoxur	2	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2e diclofenac	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e phenylbutazone	2	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e vedaprofen	2	0	0,0	0	0,0	n.d.	5,013	-	-	n.d.
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	2	2	100,0	0	0,0	0,001	0,001	-	-	0,002
B3a 4,4'-DDT	2	1	50,0	0	0,0	0,001	0,001	-	-	0,001
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	2	2	100,0	0	0,0	0,001	0,001	-	-	0,003
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	2	0	0,0	0	0,0	n.d.	-	-	-	-
B3a endrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	2	1	50,0	0	0,0	0,000	0,000	-	-	0,000
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB - sum of congeners	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	2	1	50,0	0	0,0	0,000	0,000	-	-	0,000
B3a PCB 180 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3c cadmium	2	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c lead	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	2	1	50,0	0	0,0	0,001	0,001	-	-	0,001
B3f Cesium 134	5	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3f Cesium 137	5	2	40,0	0	0,0	n.d.	0,124	-	-	0,360



## Rabbits - muscle - monitoring (value in mg/kg)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	18	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	18	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfaquinolaxaline	0,10000 mg/kg	18	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	18	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	2	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	2	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	2	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	2	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	2	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	2	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	2	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	2	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	2	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	2	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	2	0	0	0	0	0
B3a endrin	0,01000 mg/kg	2	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	2	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	2	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	2	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	2	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	2	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	2	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	2	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	2	0	0	0	0	0
B3c lead	0,10000 mg/kg	2	0	0	0	0	0
B3c mercury	0,05000 mg/kg	2	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	5	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	5	0	0	0	0	0

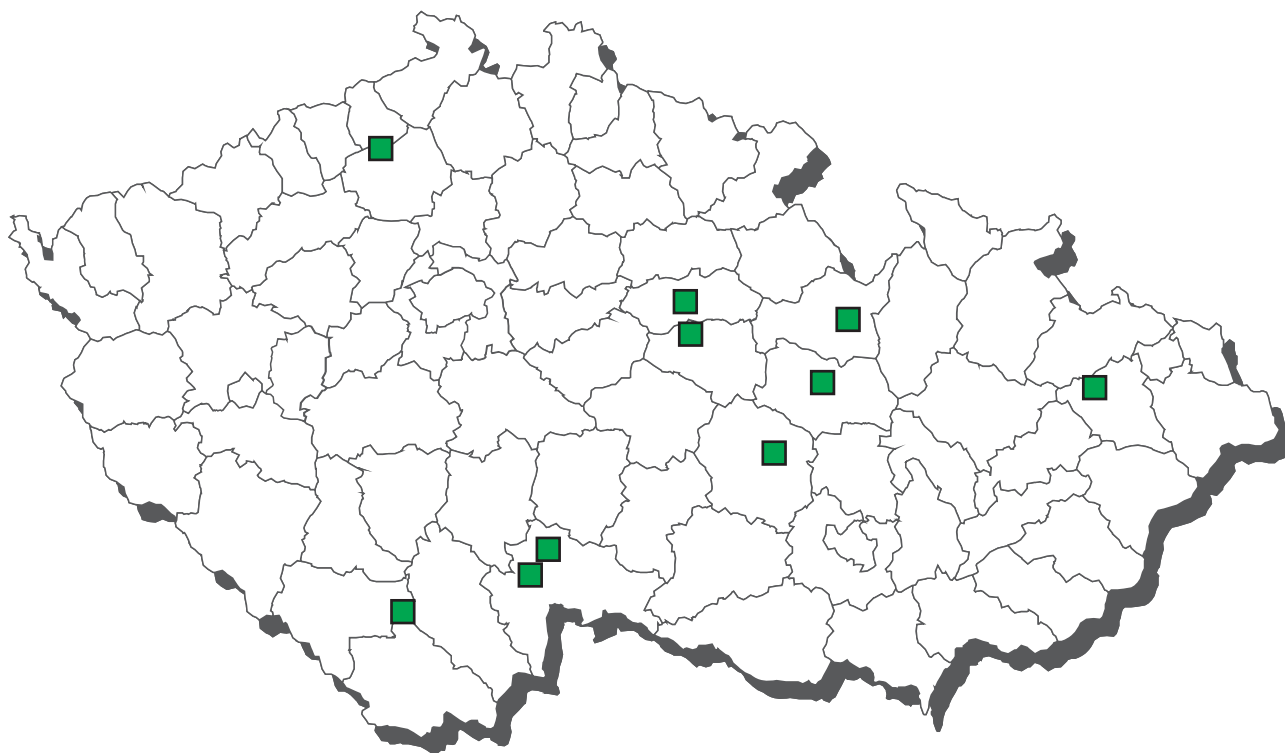
## Rabbits - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a abamectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a doramectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a ivermectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a moxidectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b lasalocid	7	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2b maduramicine	7	0	0,0	0	0,0	n.d.	2,071	-	-	n.d.
B2b monensin	7	0	0,0	0	0,0	n.d.	2,071	-	-	n.d.
B2b narazin	7	0	0,0	0	0,0	n.d.	2,071	-	-	n.d.
B2b nicarbazine	7	0	0,0	0	0,0	n.d.	2,071	-	-	n.d.
B2b salinomycine	7	0	0,0	0	0,0	n.d.	2,071	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a ivermectin	0,10000 mg/kg	1	0	0	0	0	0

## Residues monitoring 2007 - sampling of horses



## Horses - overlimits findings 2007



■ kadmium in kidney, liver, muscle

## Horses - muscle - monitoring (value in mg/kg)

µg/kg

mg/kg of fat

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A6 chloramphenicol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 danofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 enrofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxoline acid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 macrolidy (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimethoxine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimidine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadoxin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamerazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfaguinoxaline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfathiazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a oxfendazol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c aldicarb	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c carbofuran	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c cyhalothrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c cypermethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c deltamethrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c methiocarb	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c methomyl	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c permethrin (sum of isomers)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2c propoxur	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e diclofenac	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e flunixin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e oxyphenbutazon	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2e phenylbutazone	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,4'-DDT	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 4,4'-DDD	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 4,4'-DDE	1	1	100,0	0	0,0	0,002	-	-	-	-
B3a 4,4'-DDT	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a aldrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a alpha-HCH	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a beta-HCH	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a DDT (sum)	1	1	100,0	0	0,0	0,002	-	-	-	-
B3a dieldrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a endosulfan - sum	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a endrin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a gamma-HCH (lindane)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a heptachlor	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a hexachlorobenzene	1	1	100,0	0	0,0	0,001	-	-	-	-
B3a chlordan	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB - sum of congeners	1	1	100,0	0	0,0	0,013	-	-	-	-
B3a PCB 101 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 118 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 138 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 153 (congener)	1	1	100,0	0	0,0	0,009	-	-	-	-
B3a PCB 180 (congener)	1	1	100,0	0	0,0	0,004	-	-	-	-
B3a PCB 28 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a PCB 52 (congener)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c arsenic	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c cadmium	1	1	100,0	1	100,0	0,355	-	-	-	-
B3c lead	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c mercury	1	1	100,0	0	0,0	0,001	-	-	-	-

## Horses - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	1	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	1	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	1	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	1	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	1	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	1	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	1	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	1	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	1	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	1	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	1	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	1	0	0	0	0	0
B2e flunixin	10,00000 ug/kg	1	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	1	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	1	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	1	0	0	0	0	0
B3a endrin	0,01000 mg/kg	1	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	1	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	1	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	1	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	1	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	1	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	1	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	1	0	0	0	0	0
B3a PCB - sum of congeners	0,20000 mg/kg of fat	1	0	0	0	0	0
B3c arsenic	0,10000 mg/kg	1	0	0	0	0	0
B3c cadmium	0,20000 mg/kg	0	0	0	0	1	0
B3c lead	0,10000 mg/kg	1	0	0	0	0	0
B3c mercury	0,05000 mg/kg	1	0	0	0	0	0

## Horses - muscle - list of overlimit findings

Sampling	cadastral district	district	value
cadmium			
24.4.2007	Rozsochy	zd'ar n.Sazavou	0,355 mg/kg

## Horses - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 streptomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a abamectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a doramectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a ivermectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a moxidectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b lasalocid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b maduramicine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b monensin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b narazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2b salinomycine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3b diazinon	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3b phorate	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3b pyrimiphosmethyl	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c cadmium	1	1	100,0	1	100,0	25,700	-	-	-	-
B3c lead	1	1	100,0	0	0,0	0,053	-	-	-	-
B3d aflatoxin B1	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3d aflatoxins sum B1,B2,G1,G2	1	0	0,0	0	0,0	n.d.	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a ivermectin	0,10000 mg/kg	1	0	0	0	0	0
B2a moxidectin	0,10000 mg/kg	1	0	0	0	0	0
B3b diazinon	0,02000 mg/kg	1	0	0	0	0	0
B3b phorate	0,05000 mg/kg	1	0	0	0	0	0
B3b pyrimiphosmethyl	0,01000 mg/kg	1	0	0	0	0	0
B3c cadmium	0,50000 mg/kg	0	0	0	0	0	1
B3c lead	0,50000 mg/kg	1	0	0	0	0	0
B3b aflatoxin B1	20,00000 ug/kg	1	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	1	0	0	0	0	0

## Horses - liver - list of overlimit findings

Sampling	cadastral district	district	value
cadmium			
24.4.2007	Rozsochy	Zďar n.Sazavou	25,7 mg/kg

## Horses - kidney - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B1 aminoglykosidy (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2d carazolol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2d propionylpromazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3c cadmium	1	1	100,0	1	100,0	58,900	-	-	-	-
B3c lead	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3d ochratoxin A	1	0	0,0	0	0,0	n.d.	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1,00000 mg/kg	0	0,0	0,000	0,000	0,000	1
B3c lead	0,50000 mg/kg	1	0,0	0,000	0,000	0,000	0
B3d ochratoxin A	10,00000 ug/kg	1	0,0	0,000	0,000	0,000	0

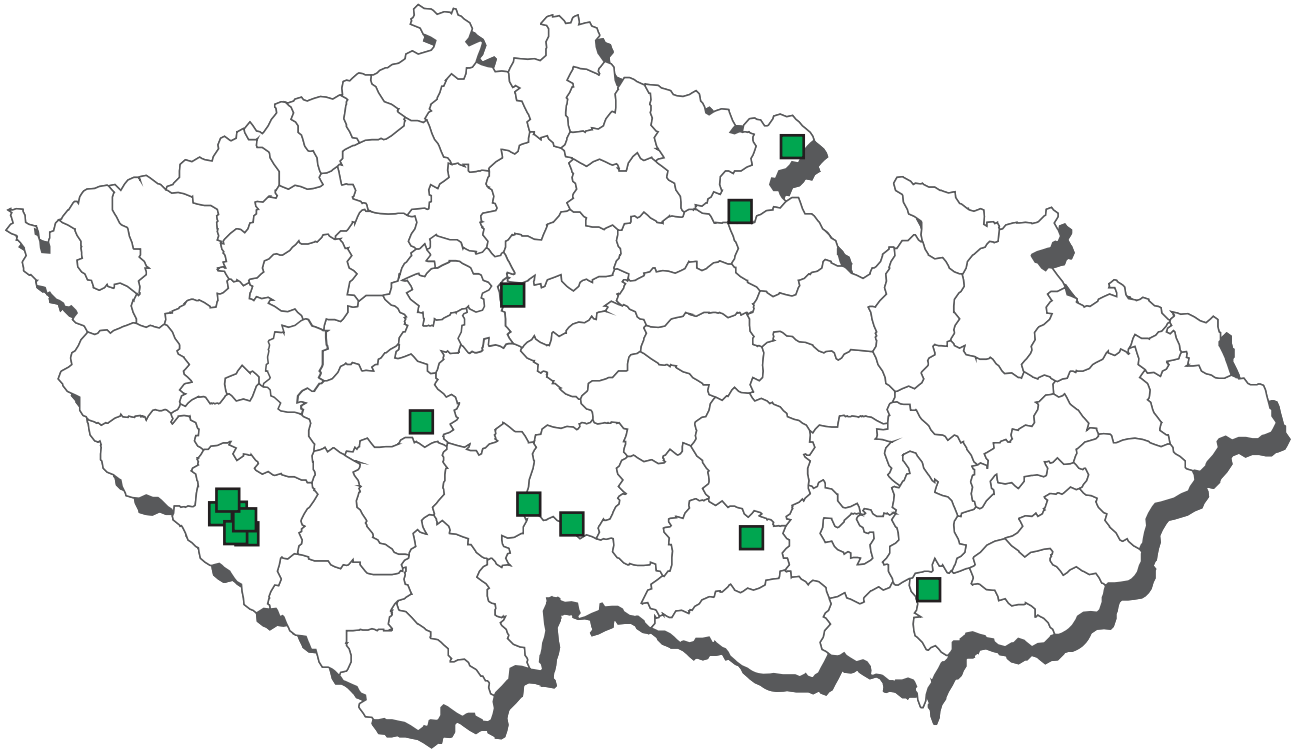
## Horses - kidney - list of overlimit findings

Sampling	cadastral district	district	value
cadmium			
24.4.2007	Rozsochy	zďar n.Sazavou	58,9 mg/kg

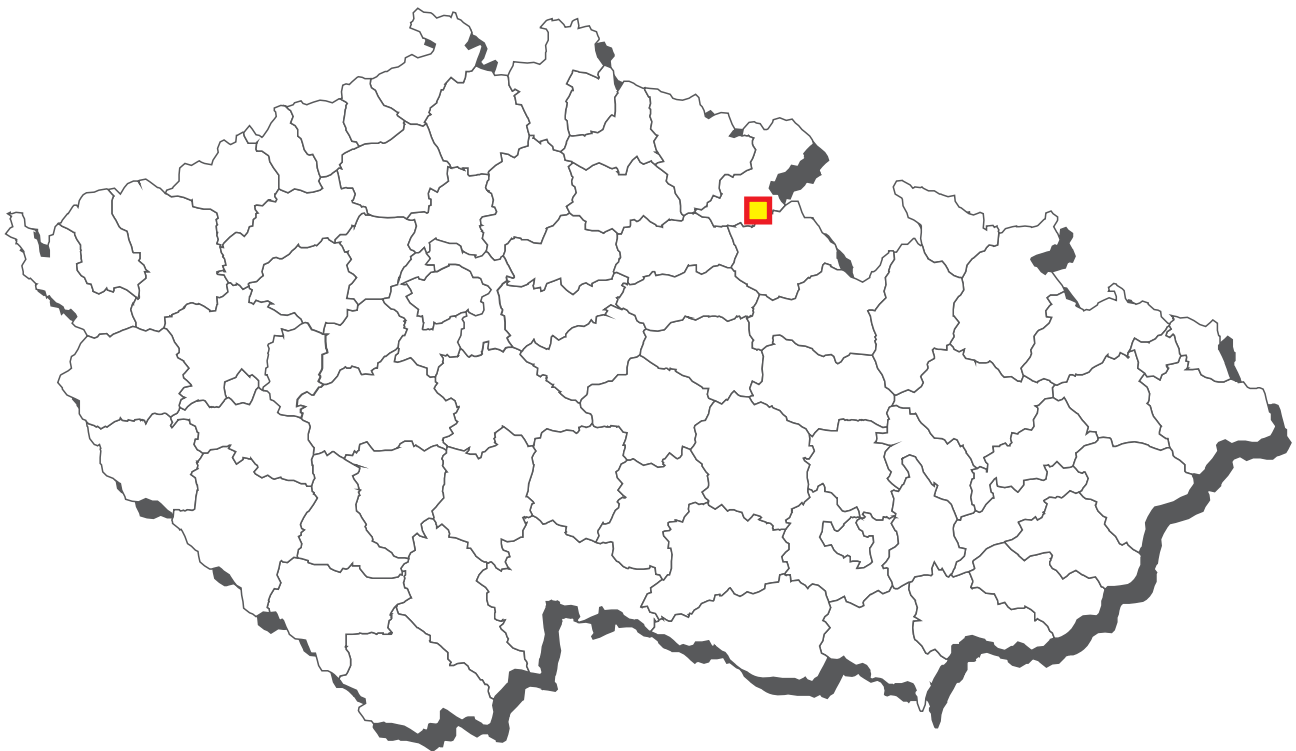
## Horses - urine - monitoring (value in mg/l)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A2 thyreostatics (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 17-beta-19-nortestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	1	0	0,0	0	0,0	n.d.	-	-	-	-

# Residues monitoring 2007 - sampling of farmed cloven-hoofed animals



## Farmed cloven-hoofed animals - overlimits findings 2007



 **salinomycin in kidney**

## Farmed cloven-hoofed animals - muscle - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A2 thyreostatics (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 trenbolone	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A4 RALs (group)	2	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
A6 AOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 chloramphenicol	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
A6 nitroimidazol (group)	2	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
B1 beta lactam ATB	11	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 danofloxacin	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	11	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolides (group)	11	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 streptomycine (group)	11	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B1 sulfadiazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	11	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	11	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a oxfendazol	3	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B2c aldicarb	3	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2c carbofuran	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c cyhalothrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B2c cypermethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B2c deltamethrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B2c methiocarb	3	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B2c methomyl	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2c permethrin (sum of isomers)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B2c propoxur	3	0	0,0	0	0,0	n.d.	0,010	-	-	n.d.
B2e phenylbutazone	3	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e vedaprofen	3	0	0,0	0	0,0	n.d.	3,350	-	-	n.d.
B2e diclofenac	3	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e flunixin	3	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2e oxyphenbutazon	3	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B3a 2,4'-DDT	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDT	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a aldrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,001
B3a endosulfan - sum	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB 180 (congener)	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB - sum of congeners	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,002
B3c cadmium	6	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c lead	6	3	50,0	0	0,0	0,015	0,014	-	-	0,025
B3c mercury	6	6	100,0	0	0,0	0,001	0,001	-	-	0,002

### Farmed cloven-hoofed animals - muscle - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 danofloxacin	0,10000 mg/kg	11	0	0	0	0	0
B1 enrofloxacin	0,10000 mg/kg	11	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfachlorpyridazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadiazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadimethoxine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadimidine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfadoxin	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamerazin	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamethoxazole	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfamethoxydiazine	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfaquinoxaline	0,10000 mg/kg	11	0	0	0	0	0
B1 sulfathiazole	0,10000 mg/kg	11	0	0	0	0	0
B2a oxfendazol	0,05000 mg/kg	3	0	0	0	0	0
B2c aldicarb	0,01000 mg/kg	3	0	0	0	0	0
B2c carbofuran	0,10000 mg/kg	3	0	0	0	0	0
B2c cypermethrin (sum of isomers)	0,02000 mg/kg	3	0	0	0	0	0
B2c deltamethrin	0,01000 mg/kg	3	0	0	0	0	0
B2c cyhalothrin	0,05000 mg/kg	3	0	0	0	0	0
B2c methiocarb	0,05000 mg/kg	3	0	0	0	0	0
B2c methomyl	0,02000 mg/kg	3	0	0	0	0	0
B2c permethrin (sum of isomers)	0,05000 mg/kg	3	0	0	0	0	0
B2c propoxur	0,05000 mg/kg	3	0	0	0	0	0
B3a DDT (sum)	0,10000 mg/kg	6	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	6	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	6	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	6	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	6	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	6	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	6	0	0	0	0	0
B3a endrin	0,01000 mg/kg	6	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	6	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	6	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	6	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	6	0	0	0	0	0
B3c lead	1,00000 mg/kg	6	0	0	0	0	0
B3c mercury	0,05000 mg/kg	6	0	0	0	0	0

### Farmed cloven-hoofed animals - liver - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A5 beta-agonists (group)	5	0	0,0	0	0,0	n.d.	0,250	-	-	n.d.
B2a abamectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a doramectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a ivermectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2a moxidectin	2	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B2b lasalocid	5	0	0,0	0	0,0	n.d.	2,500	-	-	n.d.
B2b maduramicine	5	0	0,0	0	0,0	n.d.	1,900	-	-	n.d.
B2b monensin	5	0	0,0	0	0,0	n.d.	1,900	-	-	n.d.
B2b narazin	5	0	0,0	0	0,0	n.d.	1,900	-	-	n.d.
B2b nicarbazine	5	0	0,0	0	0,0	n.d.	1,900	-	-	n.d.
B2b salinomycine	5	1	20,0	1	20,0	n.d.	3,332	-	-	8,160

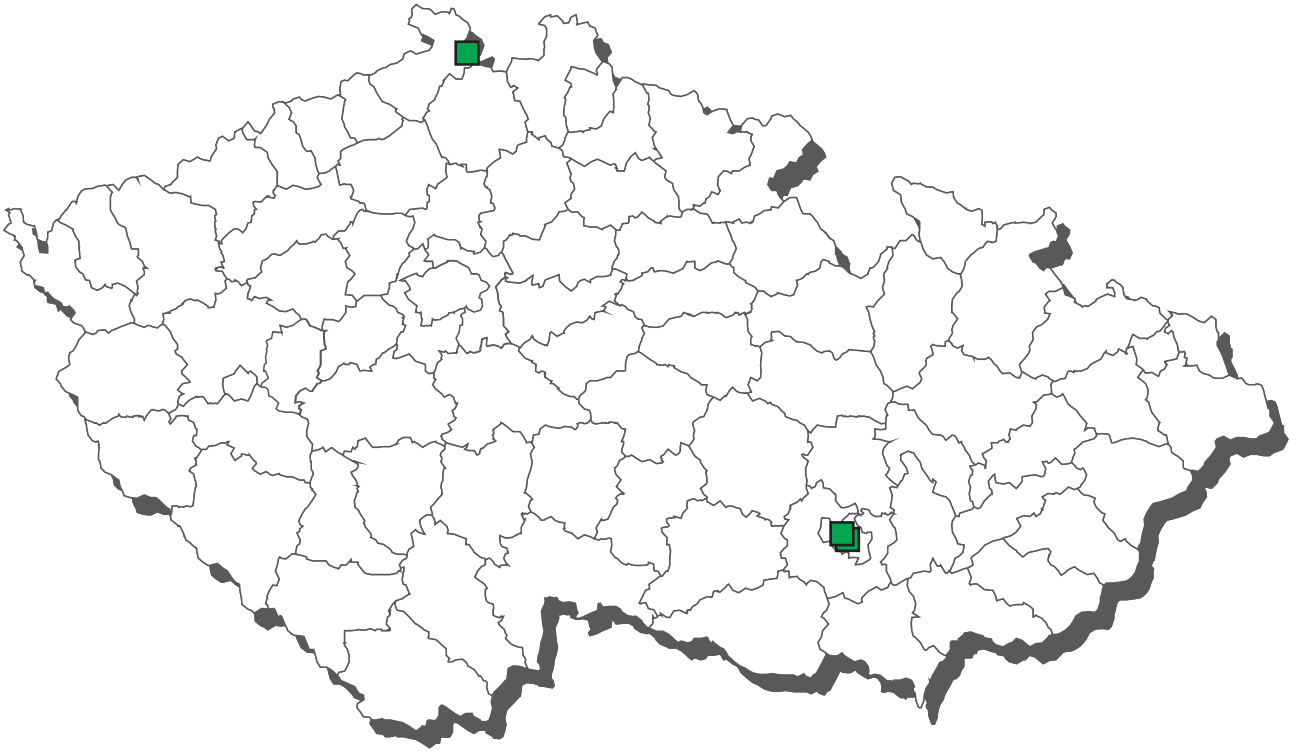
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B2a doramectin	0,05000 mg/kg	2	0	0	0	0	0
B2a ivermectin	0,10000 mg/kg	2	0	0	0	0	0

### Farmed cloven-hoofed animals - liver - monitoring - list of overlimit findings

Sampling	cadastral district	district	value
salinomycin - Deer			
10.9.2007	Nove Mesto n. Metuji	Nachod	8,16 ug/kg



# Residues monitoring 2007 - sampling of snails

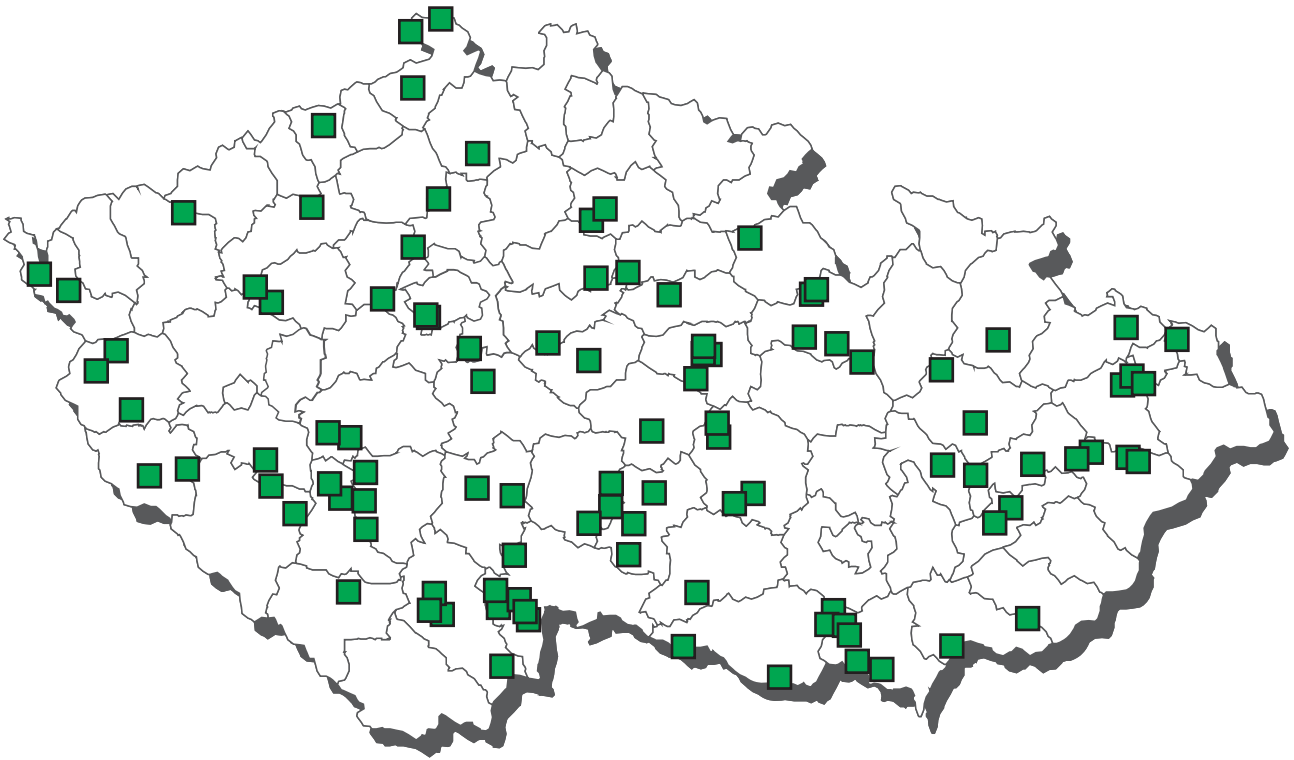


### Snails - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a 4,4'-DDD	3	2	66,7	0	0,0	0,000	0,000	-	-	0,001
B3a 4,4'-DDE	3	2	66,7	0	0,0	0,000	0,001	-	-	0,002
B3a 4,4'-DDT	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	3	2	66,7	0	0,0	0,000	0,001	-	-	0,003
B3a aldrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,000
B3a beta-HCH	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a gamma-HCH (lindane)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	3	2	66,7	0	0,0	0,000	0,002	-	-	0,005
B3a endosulfan - sum	3	0	0,0	0	0,0	n.d.	-	-	-	-
B3a chlordan	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB 153 (congener)	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,000
B3a PCB 180 (congener)	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,000
B3a PCB - sum of congeners	3	1	33,3	0	0,0	n.d.	0,001	-	-	0,003
B3c cadmium	3	3	100,0	0	0,0	0,278	0,232	-	-	0,409
B3c lead	3	2	66,7	0	0,0	0,020	0,018	-	-	0,030
B3c mercury	3	3	100,0	0	0,0	0,001	0,002	-	-	0,003

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3c cadmium	1,00000 mg/kg	3	0	0	0	0	0
B3c lead	0,50000 mg/kg	3	0	0	0	0	0
B3c mercury	0,50000 mg/kg	3	0	0	0	0	0

# Residues monitoring 2007 - sampling of fresh water fish - carp - breeding



## Carp - breeding - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	26	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A3 ethinylestradiol	12	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A3 methyltestosterone	14	0	0,0	0	0,0	n.d.	0,500	n.d.	n.d.	n.d.
A6 AHD	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AMOZ	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 AOZ	5	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	17	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
A6 nitroimidazole (group)	5	0	0,0	0	0,0	n.d.	1,500	-	-	n.d.
A6 SEM	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	35	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B1 danofloxacin	35	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 enrofloxacin	35	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 flumequine	35	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 gentamycin, neomycine (group)	35	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 oxoline acid	35	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B1 macrolidy (group)	35	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B1 sulfadiazine	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimethoxine	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadimidine	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfadoxin	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfachlorpyridazine	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamerazin	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxazole	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfamethoxydiazine	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfaquinoxaline	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 sulfathiazole	35	0	0,0	0	0,0	n.d.	0,015	n.d.	n.d.	n.d.
B1 tetracycline (group)	35	0	0,0	0	0,0	n.d.	*****	n.d.	n.d.	n.d.
B2a ivermectin	15	0	0,0	0	0,0	n.d.	0,005	n.d.	n.d.	n.d.
B2a niclosamid	15	0	0,0	0	0,0	n.d.	0,025	n.d.	n.d.	n.d.
B3a 2,4'-DDT	19	9	47,4	0	0,0	n.d.	0,001	n.d.	0,002	0,013
B3a 4,4'-DDD	19	17	89,5	0	0,0	0,001	0,002	n.d.	0,004	0,010
B3a 4,4'-DDE	19	18	94,7	0	0,0	0,003	0,005	0,000	0,013	0,022
B3a 4,4'-DDT	19	10	52,6	0	0,0	0,000	0,000	n.d.	0,001	0,002
B3a aldrin	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alfa-, beta-HCH (sum)	19	1	5,3	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a alpha-HCH	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a beta-HCH	19	2	10,5	0	0,0	n.d.	0,000	n.d.	0,000	0,001
B3a DDT (sum)	19	16	84,2	0	0,0	0,004	0,006	n.d.	0,018	0,025
B3a dieldrin	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endosulfan - sum	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a gamma-HCH (lindane)	19	2	10,5	0	0,0	n.d.	0,000	n.d.	0,000	0,000
B3a heptachlor	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	19	9	47,4	0	0,0	n.d.	0,000	n.d.	0,001	0,001
B3a chlordan	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB - sum of congeners	26	21	80,8	0	0,0	0,002	0,004	n.d.	0,009	0,030
B3a PCB 101 (congener)	26	11	42,3	0	0,0	n.d.	0,000	n.d.	0,001	0,002
B3a PCB 118 (congener)	26	9	34,6	0	0,0	n.d.	0,000	n.d.	0,001	0,001
B3a PCB 138 (congener)	26	22	84,6	0	0,0	0,001	0,001	n.d.	0,003	0,009
B3a PCB 153 (congener)	26	21	80,8	0	0,0	0,001	0,001	n.d.	0,003	0,011
B3a PCB 180 (congener)	26	22	84,6	0	0,0	0,000	0,001	n.d.	0,002	0,009
B3a PCB 28 (congener)	26	4	15,4	0	0,0	n.d.	0,000	n.d.	0,001	0,002
B3a PCB 52 (congener)	26	3	11,5	0	0,0	n.d.	0,000	n.d.	0,000	0,000
B3a toxaphene (sum of congeners)	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a toxaphene P26 (congener)	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a toxaphene P50 (congener)	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a toxaphene P62 (congener)	19	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a WHO-PCDD/F-PCB-TEQ	7	7	100,0	0	0,0	0,512	0,708	-	-	1,390
B3c arsenic	19	19	100,0	0	0,0	0,053	0,053	0,012	0,080	0,169
B3c cadmium	19	3	15,8	0	0,0	n.d.	0,003	n.d.	0,010	0,010
B3c lead	19	2	10,5	0	0,0	n.d.	0,006	n.d.	0,010	0,013
B3c mercury	19	19	100,0	0	0,0	0,021	0,026	0,009	0,041	0,080
B3d aflatoxin B1	14	0	0,0	0	0,0	n.d.	0,055	n.d.	n.d.	n.d.
B3d aflatoxins sum B1,B2,G1,G2	14	0	0,0	0	0,0	n.d.	0,084	n.d.	n.d.	n.d.
B3e leucomalachite green	20	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
B3e malachite green	20	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
B3f Cesium 134	10	0	0,0	0	0,0	n.d.	0,050	n.d.	n.d.	n.d.
B3f Cesium 137	10	3	30,0	0	0,0	n.d.	0,094	n.d.	0,297	0,310
B3f histamin	3	0	0,0	0	0,0	n.d.	3,500	-	-	n.d.

## Carp - breeding - monitoring (continuation)

µg/kg

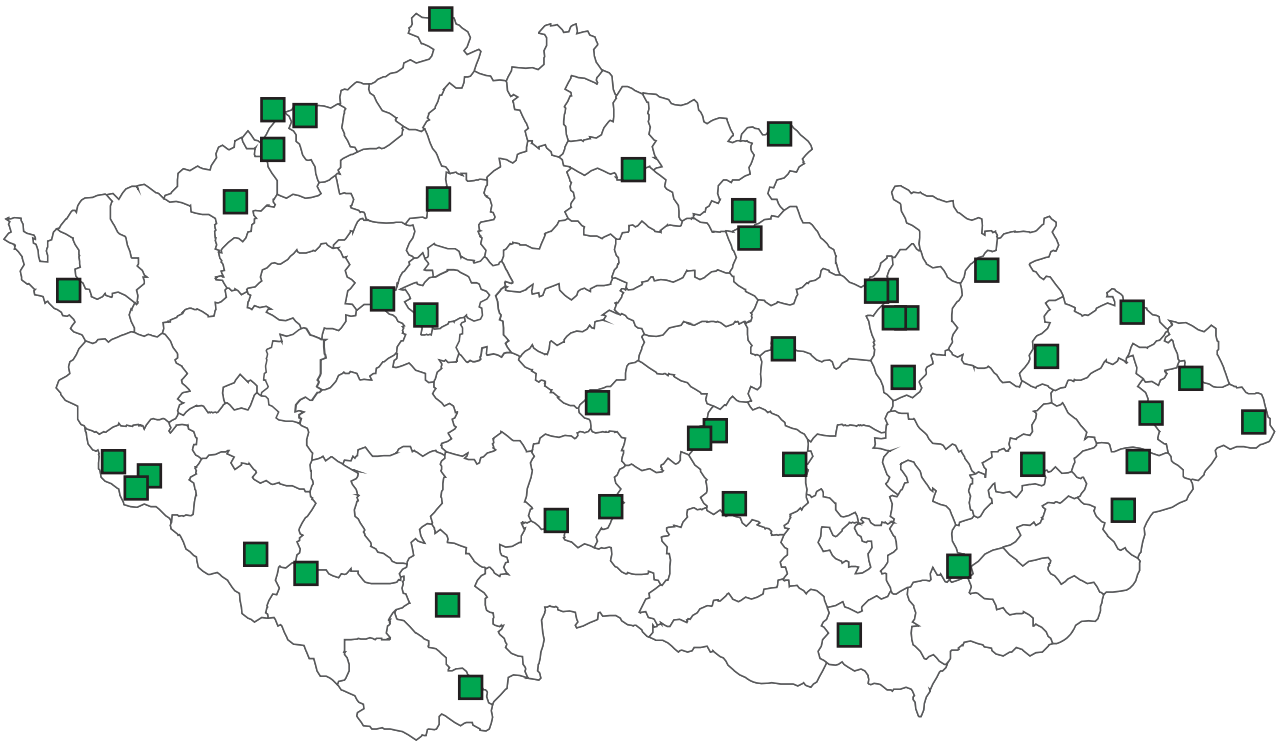
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 oxoline acid	0,10000 mg/kg	35	0	0	0	0	0
B3a DDT (sum)	0,50000 mg/kg	19	0	0	0	0	0
B3a alfa-, beta-HCH (sum)	0,02000 mg/kg	19	0	0	0	0	0
B3a gamma-HCH (lindane)	0,05000 mg/kg	19	0	0	0	0	0
B3a hexachlorobenzene	0,05000 mg/kg	19	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	26	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	19	0	0	0	0	0
B3c arsenic	1,00000 mg/kg	19	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	19	0	0	0	0	0
B3c lead	0,20000 mg/kg	19	0	0	0	0	0
B3c mercury	0,50000 mg/kg	19	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	14	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	14	0	0	0	0	0
B3e leucomalachite green	0,30000 ug/kg	20	0	0	0	0	0
B3e malachite green	0,30000 ug/kg	20	0	0	0	0	0
B3f histamin	100,00000 mg/kg	3	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	10	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	9	1	0	0	0	0

## Carp - dioxins - breeding - monitoring (value in pg/g)

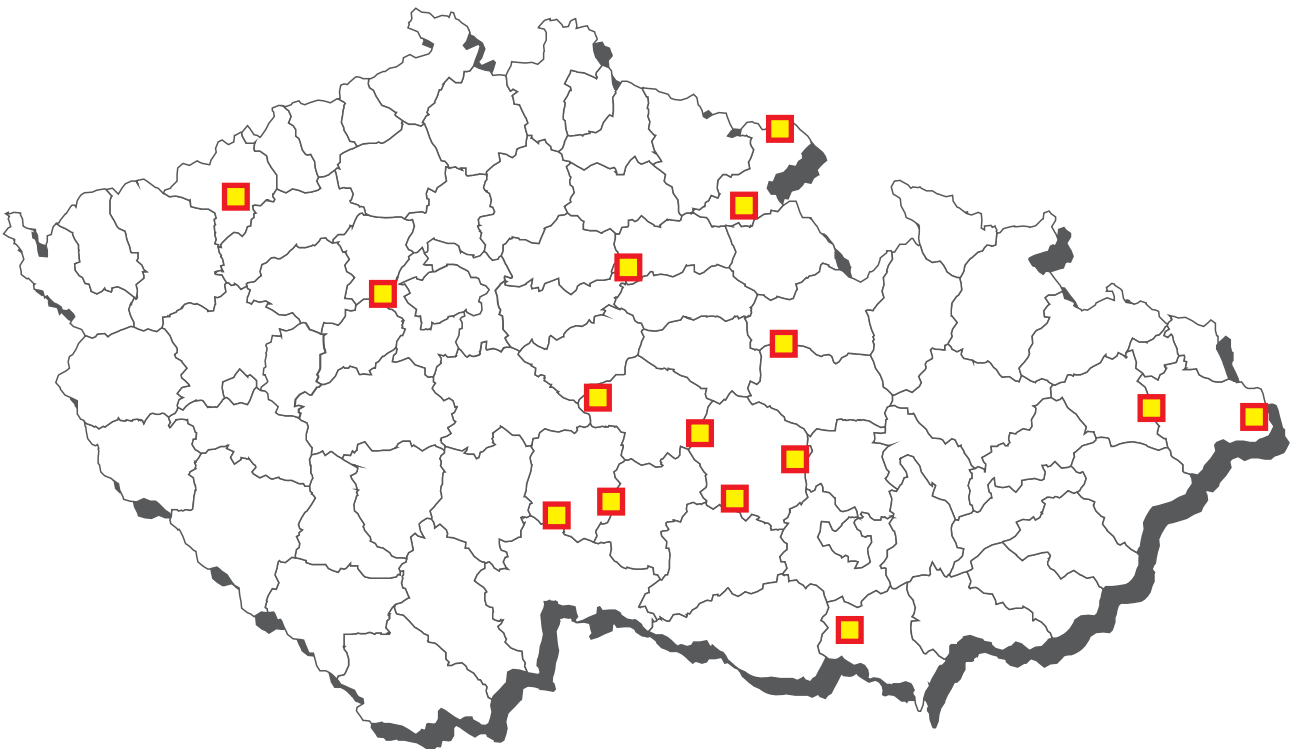
Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	7	7	100,0	0	0,0	39,500	83,560	-	-	169,000
B3a PCB 114 (congener)	7	6	85,7	0	0,0	3,810	6,691	-	-	15,900
B3a PCB 118 (congener)	7	7	100,0	0	0,0	242,000	397,439	-	-	1170,000
B3a PCB 123 (congener)	7	7	100,0	0	0,0	29,000	38,871	-	-	78,000
B3a PCB 126 (congener)	7	6	85,7	0	0,0	1,760	2,279	-	-	4,320
B3a PCB 156 (congener)	7	7	100,0	0	0,0	112,000	250,853	-	-	942,000
B3a PCB 157 (congener)	7	7	100,0	0	0,0	9,860	21,284	-	-	65,600
B3a PCB 167 (congener)	7	7	100,0	0	0,0	78,600	131,946	-	-	361,000
B3a PCB 169 (congener)	7	3	42,9	0	0,0	n.d.	0,306	-	-	0,702
B3a PCB 189 (congener)	7	6	85,7	0	0,0	25,400	46,920	-	-	159,000
B3a PCB 77 (congener)	7	7	100,0	0	0,0	5,160	27,180	-	-	75,000
B3a PCB 81 (congener)	7	7	100,0	0	0,0	0,817	2,007	-	-	5,620
B3a WHO-PCDD/F-PCB-TEQ	7	7	100,0	0	0,0	0,512	0,708	-	-	1,390
B3a WHO-PCDD/F-TEQ	7	7	100,0	0	0,0	0,240	0,275	-	-	0,395
B3a 1,2,3,4,6,7,8-HpCDD	7	1	14,3	0	0,0	n.d.	0,161	-	-	0,550
B3a 1,2,3,4,6,7,8-HpCDF	7	0	0,0	0	0,0	n.d.	0,039	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	7	0	0,0	0	0,0	n.d.	0,032	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	7	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	7	0	0,0	0	0,0	n.d.	0,033	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	7	0	0,0	0	0,0	n.d.	0,030	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	7	0	0,0	0	0,0	n.d.	0,096	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	7	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	7	0	0,0	0	0,0	n.d.	0,041	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	7	0	0,0	0	0,0	n.d.	0,034	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	7	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 2,3,7,8-TCDD	7	1	14,3	0	0,0	n.d.	0,042	-	-	0,113
B3a 2,3,7,8-TCDF	7	2	28,6	0	0,0	n.d.	0,152	-	-	0,497
B3a OCDD	7	4	57,1	0	0,0	1,700	1,579	-	-	3,690
B3a OCDF	7	2	28,6	0	0,0	n.d.	0,212	-	-	0,580

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	3,00000 pg/g	7	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	2,00000 pg/g	7	0	0	0	0	0

# Residues monitoring 2007 - sampling of fresh water fish - trout - breeding



## Fresh water fish - trout - breeding overlimits findings 2007



■ malachite green

## Trout - breeding - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	3	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A3 ethinylestradiol	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 methyltestosterone	1	0	0,0	0	0,0	n.d.	-	-	-	-
A6 chloramphenicol	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
B1 beta lactamic ATB (group)	2	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 danofloxacin	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 enrofloxacin	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 flumequine	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 gentamycin, neomycine (group)	4	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B1 oxoline acid	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B1 macrolidy (group)	4	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B1 sulfadiazine	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimethoxine	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadimidine	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfadoxin	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfachlorpyridazine	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamerazin	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxazole	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfamethoxydiazine	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfaquinoxaline	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 sulfathiazole	4	0	0,0	0	0,0	n.d.	0,015	-	-	n.d.
B1 tetracycline (group)	4	0	0,0	0	0,0	n.d.	*****	-	-	n.d.
B2a ivermectin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a niclosamid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3a 2,4'-DDT	4	1	25,0	0	0,0	n.d.	0,000	-	-	0,000
B3a 4,4'-DDD	4	2	50,0	0	0,0	0,000	0,001	-	-	0,002
B3a 4,4'-DDE	4	3	75,0	0	0,0	0,001	0,002	-	-	0,003
B3a 4,4'-DDT	4	4	100,0	0	0,0	0,001	0,001	-	-	0,002
B3a DDT (sum)	4	4	100,0	0	0,0	0,003	0,003	-	-	0,005
B3a aldrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	4	1	25,0	0	0,0	n.d.	0,000	-	-	0,001
B3a alfa-, beta-HCH (sum)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	4	1	25,0	0	0,0	n.d.	0,001	-	-	0,004
B3a endosulfan - sum	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	4	1	25,0	0	0,0	n.d.	0,000	-	-	0,002
B3a PCB 138 (congener)	4	3	75,0	0	0,0	0,000	0,002	-	-	0,006
B3a PCB 153 (congener)	4	3	75,0	0	0,0	0,001	0,002	-	-	0,008
B3a PCB 180 (congener)	4	3	75,0	0	0,0	0,000	0,002	-	-	0,008
B3a PCB - sum of congeners	4	3	75,0	0	0,0	0,001	0,006	-	-	0,022
B3a toxaphene P26 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene P50 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene P62 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a toxaphene (sum of congeners)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3c arsenic	3	3	100,0	0	0,0	0,370	0,597	-	-	1,220
B3c cadmium	4	0	0,0	0	0,0	n.d.	0,002	-	-	n.d.
B3c lead	4	0	0,0	0	0,0	n.d.	0,005	-	-	n.d.
B3c mercury	4	4	100,0	0	0,0	0,018	0,020	-	-	0,029
B3d aflatoxin B1	4	0	0,0	0	0,0	n.d.	0,038	-	-	n.d.
B3d aflatoxins sum B1,B2,G1,G2	4	0	0,0	0	0,0	n.d.	0,075	-	-	n.d.
B3e leucomalachite green	49	15	30,6	5	10,2	n.d.	0,894	n.d.	2,844	7,710
B3e malachite green	49	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
B3f histamin	1	0	0,0	0	0,0	n.d.	-	-	-	-

## Trout - breeding - monitoring (continuation)

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 flumequine	0,60000 mg/kg	4	0	0	0	0	0
B1 oxoline acid	0,10000 mg/kg	4	0	0	0	0	0
B3a DDT (sum)	0,50000 mg/kg	4	0	0	0	0	0
B3a alfa-, beta-HCH (sum)	0,02000 mg/kg	4	0	0	0	0	0
B3a gamma-HCH (lindane)	0,05000 mg/kg	4	0	0	0	0	0
B3a hexachlorobenzene	0,05000 mg/kg	4	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	4	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	4	0	0	0	0	0
B3c arsenic	1,00000 mg/kg	2	0	0	1*	0	0
B3c cadmium	0,05000 mg/kg	4	0	0	0	0	0
B3c lead	0,20000 mg/kg	4	0	0	0	0	0
B3c mercury	0,50000 mg/kg	4	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	4	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	4	0	0	0	0	0
B3e leucomalachite green	0,30000 ug/kg	34	0	0	2	1	11
B3e malachite green	0,30000 ug/kg	48	0	0	0	0	0
B3f histamin	100,00000 mg/kg	1	0	0	0	0	0

\* the result is compliant in the framework of uncertainty of measurement

## Trout - breeding - list of overlimit findings

Sampling	cadastral district	district	value
<b>leucomalachite green</b>			
10.12.2007	Hradec u Ledce over Sazavou	Havlickův Brod	2,54 ug/kg
17.5.2007	Hyncice u Broumova	Nachod	5,58 ug/kg
13.8.2007	Chlumec over Cidlinou	Hradec Kralove	1,05* ug/kg
27.8.2007	Jablunkov	Frydek Mistek	1,86* ug/kg
19.11.2007	Kamenice over Lipou	Pelhrimov	0,91* ug/kg
17.5.2007	Lhota u Nahoran	Nachod	7,71 ug/kg
15.10.2007	Musov	Breclav	1,25* ug/kg
11.7.2007	Nedosin	Svitavy	0,71* ug/kg
14.6.2007	Sklenov	Frydek Mistek	0,63* ug/kg
25.9.2007	Svarov u Unhoste	Kladno	6,6 ug/kg
26.11.2007	Tesenov	Pelhrimov	1,44* ug/kg
1.10.2007	Tusimice	Chomutov	7,31 ug/kg
30.10.2007	Ujcov	zd'ar over Sazavou	0,38* ug/kg
30.10.2007	Velka Losenice	zd'ar over Sazavou	0,52* ug/kg
31.10.2007	Velke Mezirici	zd'ar over Sazavou	0,38* ug/kg

\* compliant MRPL ( 2,000 ug/kg)

## Trout - indicated sampling (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3e leucomalachite green	6	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.
B3e malachite green	6	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.

## Trout - import from EU (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3e leucomalachite green	2	2	100,0	1	50,0	n.d.	1,950	-	-	2,970
B3e malachite green	2	0	0,0	0	0,0	n.d.	0,150	-	-	n.d.

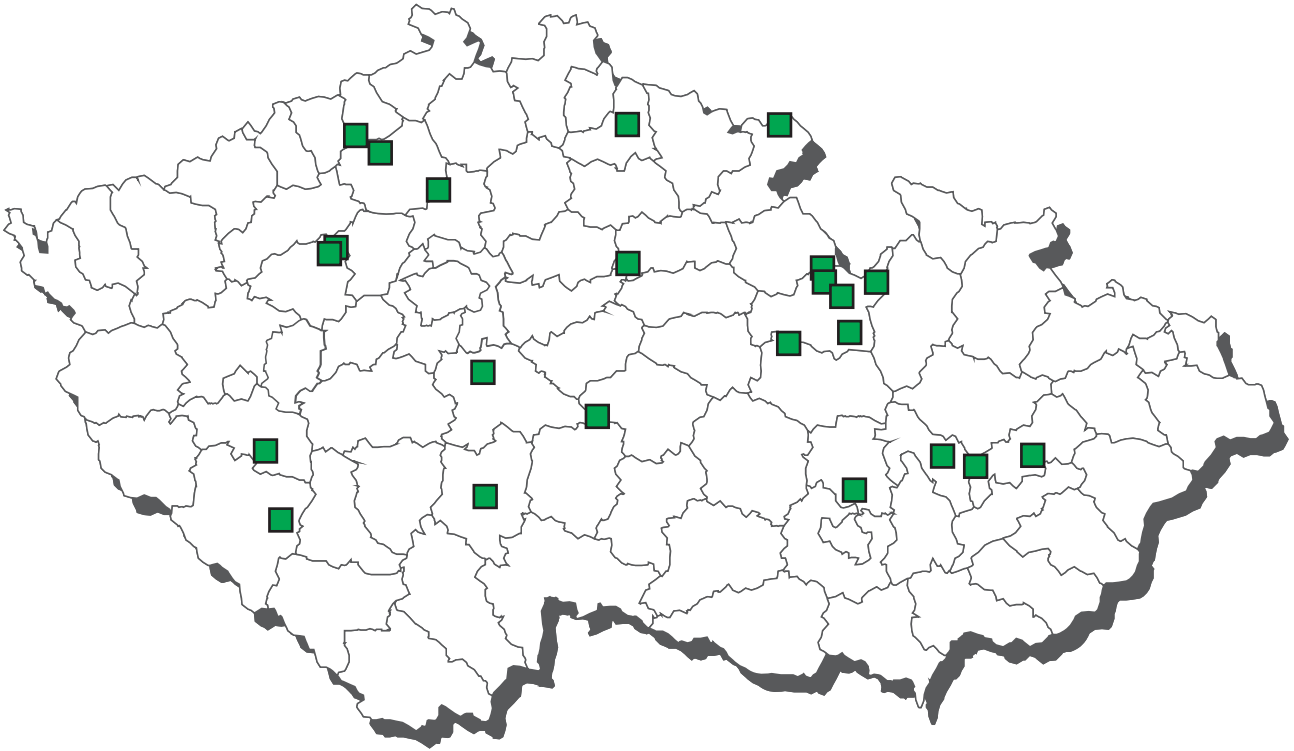
## Trout - import from EU - list of overlimit findings

Sampling	country	value
<b>leucomalachite green</b>		
15.2.2007	Slovensko	2,97 ug/kg
15.3.2007	Polsko	0,93* ug/kg

\* compliant MRPL ( 2,000 ug/kg)



# Residues monitoring 2007 - sampling of fresh water fish - other - breeding



## Other fish - monitoring (value in mg/kg)

µg/kg

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
A1 stilbens (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
A3 ethinylestradiol	2	0	0,0	0	0,0	n.d.	0,500	-	-	n.d.
A6 chloramphenicol	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 beta lactamic ATB (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 danofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 enrofloxacin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 flumequine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 gentamycin, neomycine (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 oxoline acid	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 macrolidy (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimethoxine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadimidine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfadoxin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfachlorpyridazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamerazin	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfamethoxydiazine	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfaquinoxaline	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 sulfathiazole	1	0	0,0	0	0,0	n.d.	-	-	-	-
B1 tetracycline (group)	1	0	0,0	0	0,0	n.d.	-	-	-	-
B2a ivermectin	4	0	0,0	0	0,0	n.d.	0,006	-	-	n.d.
B2a niclosamid	4	0	0,0	0	0,0	n.d.	0,025	-	-	n.d.
B3a 2,4'-DDT	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	2	2	100,0	0	0,0	0,029	0,029	-	-	0,058
B3a 4,4'-DDE	2	2	100,0	0	0,0	0,073	0,073	-	-	0,146
B3a 4,4'-DDT	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a DDT (sum)	2	2	100,0	0	0,0	0,102	0,102	-	-	0,204
B3a aldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alpha-HCH	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alfa-, beta-HCH (sum)	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a gamma-HCH (lindane)	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	2	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	2	1	50,0	0	0,0	0,003	0,003	-	-	0,005
B3a chlordan	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	4	3	75,0	0	0,0	0,000	0,000	-	-	0,001
B3a PCB 118 (congener)	4	3	75,0	0	0,0	0,000	0,000	-	-	0,001
B3a PCB 138 (congener)	4	4	100,0	0	0,0	0,002	0,001	-	-	0,003
B3a PCB 153 (congener)	4	4	100,0	0	0,0	0,002	0,002	-	-	0,003
B3a PCB 180 (congener)	4	4	100,0	0	0,0	0,001	0,001	-	-	0,002
B3a PCB - sum of congeners	4	4	100,0	0	0,0	0,005	0,005	-	-	0,009
B3a toxaphene P26 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P40 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P41 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P42 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P44 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P50 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene P62 (congener)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3a toxaphene (sum of congeners)	2	0	0,0	0	0,0	n.d.	0,003	-	-	n.d.
B3c arsenic	2	1	50,0	0	0,0	0,040	-	-	-	-
B3c cadmium	2	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3c lead	2	1	50,0	0	0,0	0,010	0,008	-	-	0,010
B3c mercury	2	2	100,0	0	0,0	0,017	0,017	-	-	0,024
B3d aflatoxin B1	2	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3d aflatoxins sum B1,B2,G1,G2	2	0	0,0	0	0,0	n.d.	0,095	-	-	n.d.
B3e leucomalachite green	12	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
B3e malachite green	12	0	0,0	0	0,0	n.d.	0,150	n.d.	n.d.	n.d.
B3f Cesium 134	2	0	0,0	0	0,0	n.d.	0,050	-	-	n.d.
B3f Cesium 137	2	1	50,0	0	0,0	0,110	0,085	-	-	0,120

## Other fish - monitoring (continuation)

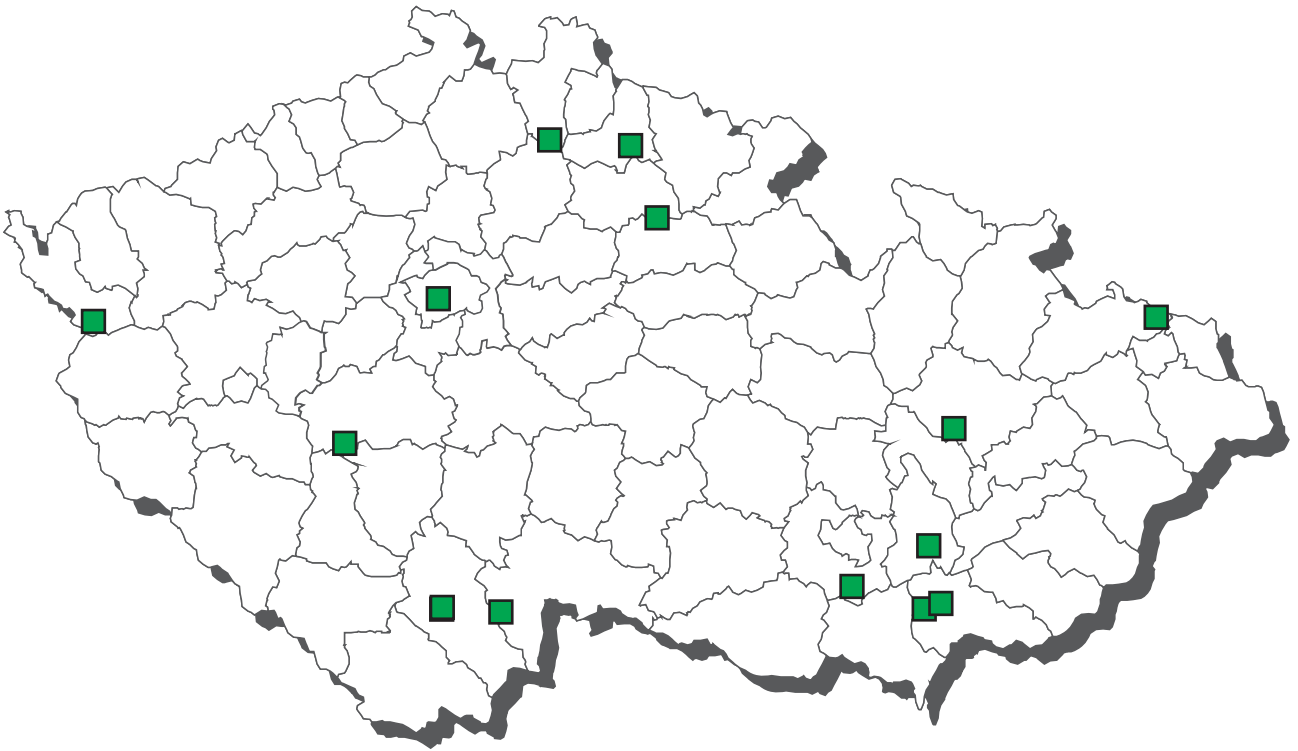
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B1 oxoline acid	0,10000 mg/kg	1	0	0	0	0	0
B3a DDT (sum)	0,50000 mg/kg	2	0	0	0	0	0
B3a alfa-, beta-HCH (sum)	0,02000 mg/kg	2	0	0	0	0	0
B3a gamma-HCH (lindane)	0,05000 mg/kg	2	0	0	0	0	0
B3a hexachlorobenzene	0,05000 mg/kg	2	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	4	0	0	0	0	0
B3a toxaphene (sum of congeners)	0,10000 mg/kg	2	0	0	0	0	0
B3c arsenic	1,00000 mg/kg	1	0	0	0	0	0
B3c cadmium	0,05000 mg/kg	2	0	0	0	0	0
B3c lead	0,20000 mg/kg	2	0	0	0	0	0
B3c mercury	0,50000 mg/kg	2	0	0	0	0	0
B3d aflatoxin B1	20,00000 ug/kg	2	0	0	0	0	0
B3d aflatoxins sum B1,B2,G1,G2	40,00000 ug/kg	2	0	0	0	0	0
B3e leucomalachite green	0,30000 ug/kg	12	0	0	0	0	0
B3e malachite green	0,30000 ug/kg	12	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	2	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	2	0	0	0	0	0

## Wild fish - dioxins - monitoring (value in pg/g of fat)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	2	2	100,0	0	0,0	166,500	166,500	-	-	169,000
B3a PCB 114 (congener)	2	2	100,0	0	0,0	15,650	15,650	-	-	16,200
B3a PCB 118 (congener)	2	2	100,0	0	0,0	777,500	777,500	-	-	797,000
B3a PCB 123 (congener)	2	2	100,0	0	0,0	80,250	80,250	-	-	81,400
B3a PCB 126 (congener)	2	2	100,0	0	0,0	4,230	4,230	-	-	4,470
B3a PCB 156 (congener)	2	2	100,0	0	0,0	240,500	240,500	-	-	243,000
B3a PCB 157 (congener)	2	2	100,0	0	0,0	24,200	24,200	-	-	24,500
B3a PCB 167 (congener)	2	2	100,0	0	0,0	161,000	161,000	-	-	164,000
B3a PCB 169 (congener)	2	2	100,0	0	0,0	0,408	0,408	-	-	0,451
B3a PCB 189 (congener)	2	2	100,0	0	0,0	45,300	45,300	-	-	47,600
B3a PCB 77 (congener)	2	2	100,0	0	0,0	66,500	66,500	-	-	67,100
B3a PCB 81 (congener)	2	2	100,0	0	0,0	4,250	4,250	-	-	4,360
B3a WHO-PCDD/F-PCB-TEQ	2	2	100,0	0	0,0	0,945	0,945	-	-	0,958
B3a WHO-PCDD/F-TEQ	2	2	100,0	0	0,0	0,262	0,262	-	-	0,271
B3a 1,2,3,4,6,7,8-HpCDD	2	1	50,0	0	0,0	0,472	0,378	-	-	0,568
B3a 1,2,3,4,6,7,8-HpCDF	2	0	0,0	0	0,0	n.d.	0,039	-	-	n.d.
B3a 1,2,3,4,7,8,9-HpCDF	2	0	0,0	0	0,0	n.d.	0,032	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	2	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,040	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	2	0	0,0	0	0,0	n.d.	0,033	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	2	0	0,0	0	0,0	n.d.	0,030	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	2	0	0,0	0	0,0	n.d.	0,029	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	2	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	2	0	0,0	0	0,0	n.d.	0,041	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	2	0	0,0	0	0,0	n.d.	0,034	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	2	0	0,0	0	0,0	n.d.	0,037	-	-	n.d.
B3a 2,3,7,8-TCDD	2	0	0,0	0	0,0	n.d.	0,031	-	-	n.d.
B3a 2,3,7,8-TCDF	2	1	50,0	0	0,0	0,336	0,273	-	-	0,422
B3a OCDD	2	2	100,0	0	0,0	2,150	2,150	-	-	2,690
B3a OCDF	2	1	50,0	0	0,0	0,410	0,320	-	-	0,461

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	3,00000 pg/g	2	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	2,00000 pg/g	2	0	0	0	0	0

# Residues monitoring 2007 - sampling of pheasants

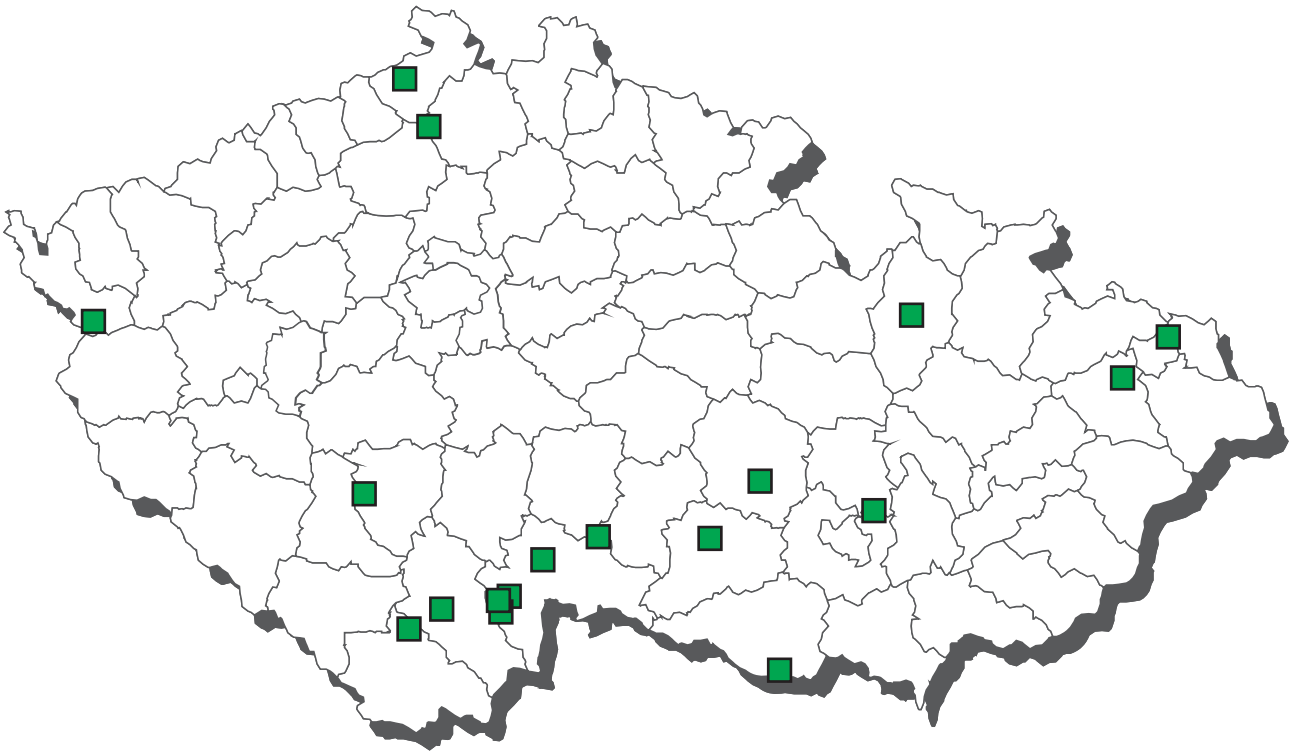


## Pheasants - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	4	4	100,0	0	0,0	0,000	0,000	-	-	0,000
B3a 4,4'-DDT	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a DDT (sum)	4	3	75,0	0	0,0	0,000	0,000	-	-	0,000
B3a aldrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	4	1	25,0	0	0,0	n.d.	0,000	-	-	0,000
B3a PCB 180 (congener)	4	1	25,0	0	0,0	n.d.	0,000	-	-	0,000
B3a PCB - sum of congeners	4	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3c cadmium	24	6	25,0	0	0,0	n.d.	0,003	n.d.	0,007	0,020
B3c lead	24	18	75,0	0	0,0	0,010	0,068	n.d.	0,270	0,530
B3c mercury	24	10	41,7	0	0,0	n.d.	0,001	n.d.	0,005	0,008

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,10000 mg/kg	4	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	4	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	4	0	0	0	0	0
B3a endrin	0,01000 mg/kg	4	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	4	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	4	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	4	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	4	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	4	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	4	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	4	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	4	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	24	0	0	0	0	0
B3c lead	1,00000 mg/kg	23	1	0	0	0	0
B3c mercury	0,05000 mg/kg	24	0	0	0	0	0

# Residues monitoring 2007 - sampling of wild ducks

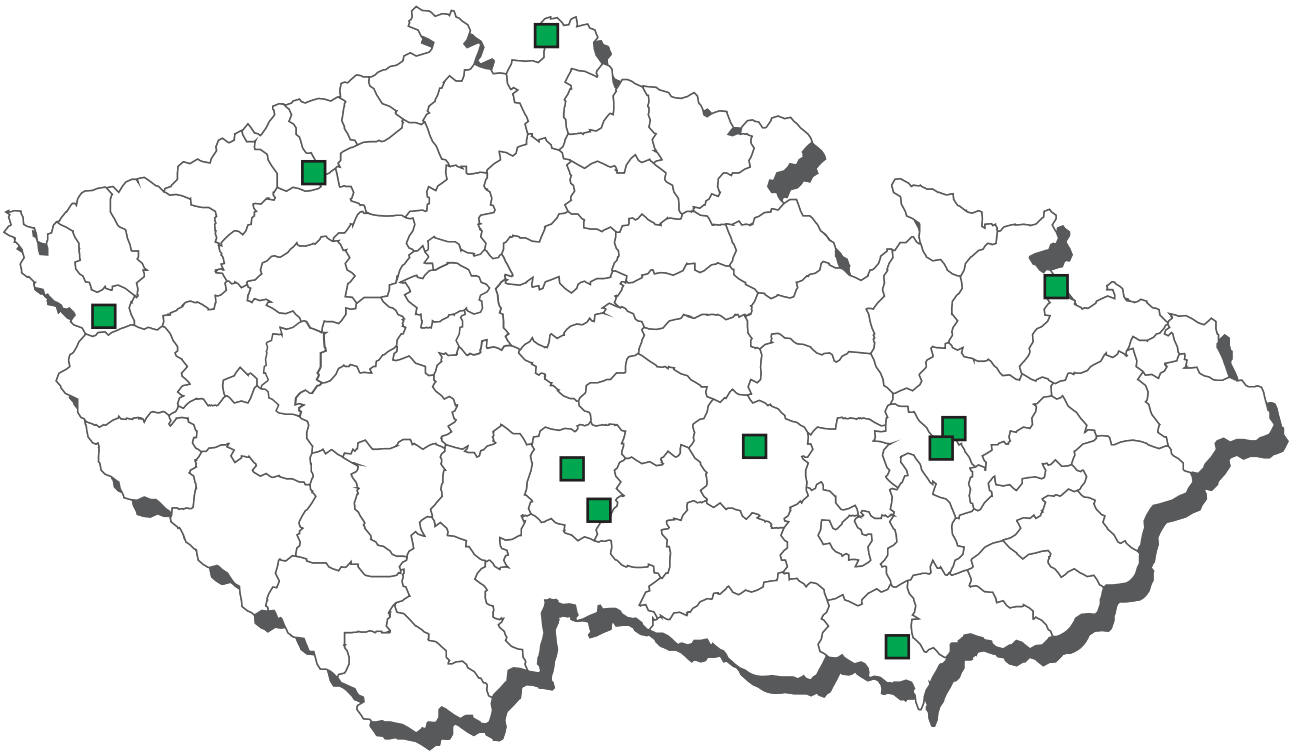


## Wild ducks - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDD	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a 4,4'-DDE	3	3	100,0	0	0,0	0,000	0,014	-	-	0,042
B3a 4,4'-DDT	3	1	33,3	0	0,0	n.d.	0,009	-	-	0,027
B3a DDT (sum)	3	3	100,0	0	0,0	0,000	0,023	-	-	0,069
B3a aldrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a dieldrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a endrin	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a alpha-HCH	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a beta-HCH	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a gamma-HCH (lindane)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a hexachlorobenzene	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 28 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 101 (congener)	3	0	0,0	0	0,0	n.d.	0,001	-	-	n.d.
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	3	1	33,3	0	0,0	n.d.	0,005	-	-	0,015
B3a PCB 153 (congener)	3	2	66,7	0	0,0	0,000	0,010	-	-	0,030
B3a PCB 180 (congener)	3	1	33,3	0	0,0	n.d.	0,012	-	-	0,035
B3a PCB - sum of congeners	3	2	66,7	0	0,0	0,000	0,027	-	-	0,080
B3c cadmium	18	1	5,6	0	0,0	n.d.	0,002	n.d.	n.d.	0,005
B3c lead	18	13	72,2	0	0,0	0,026	0,166	n.d.	0,596	0,780
B3c mercury	18	15	83,3	0	0,0	0,002	0,007	n.d.	0,021	0,021

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a gamma-HCH (lindane)	0,01000 mg/kg	3	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	3	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	18	0	0	0	0	0
B3c lead	1,00000 mg/kg	16	1	1	0	0	0
B3c mercury	0,05000 mg/kg	18	0	0	0	0	0

# Residues monitoring 2007 - sampling of hares





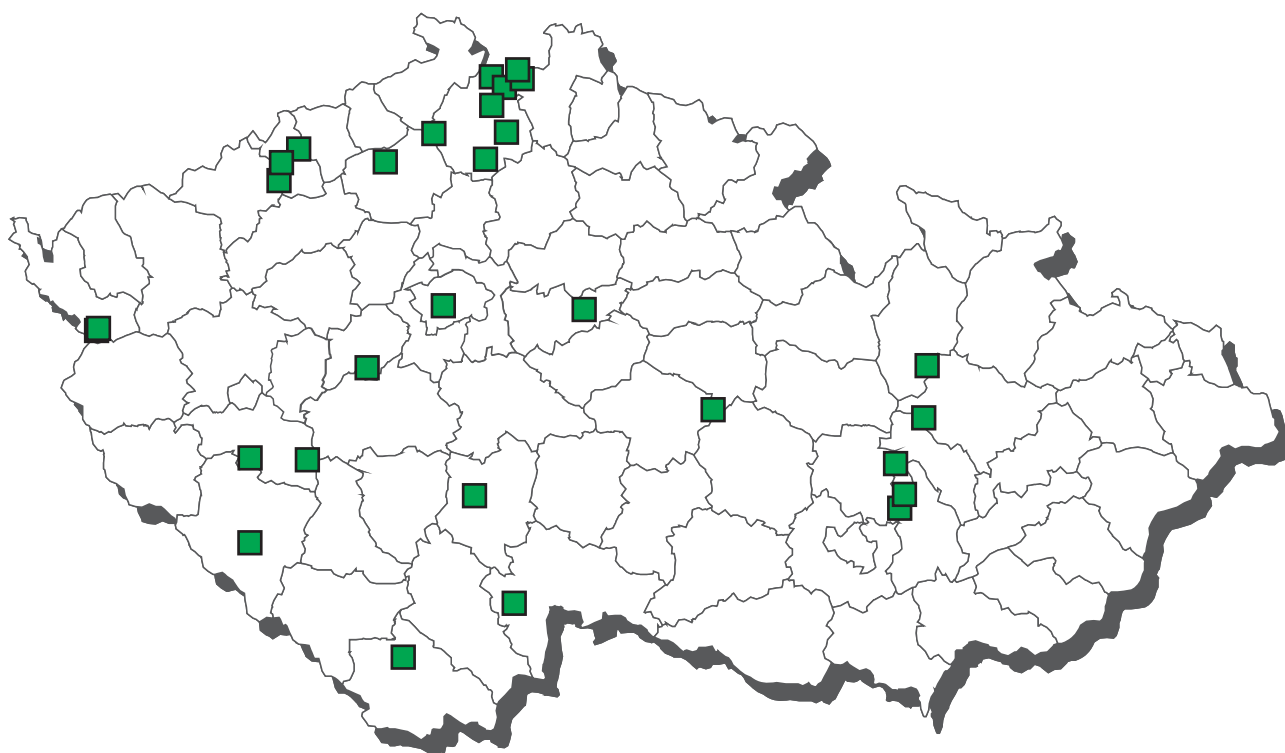
## Hares - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDE	3	2	66,7	0	0,0	0,000	0,000	-	-	0,000
B3a 4,4'-DDT	3	1	33,3	0	0,0	n.d.	0,000	-	-	0,001
B3a DDT (sum)	3	2	66,7	0	0,0	0,000	0,000	-	-	0,001
B3a aldrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 180 (congener)	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB - sum of congeners	3	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3c cadmium	8	2	25,0	0	0,0	n.d.	0,004	-	-	0,014
B3c lead	8	3	37,5	0	0,0	n.d.	0,047	-	-	0,330
B3c mercury	8	7	87,5	0	0,0	0,002	0,005	-	-	0,024

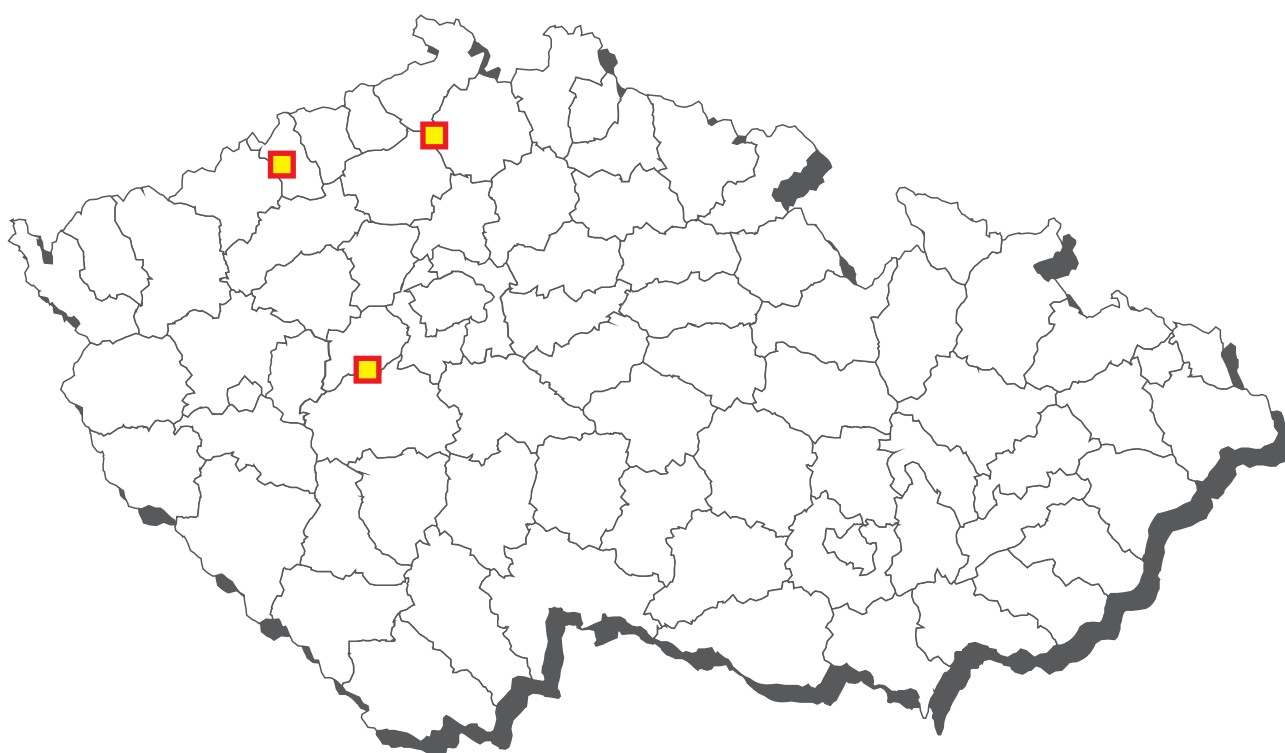
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a gamma-HCH (lindane)	0,01000 mg/kg	3	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	3	0	0	0	0	0
B3c cadmium	0,10000 mg/kg*	8	0	0	0	0	0
B3c lead	1,00000 mg/kg*	8	0	0	0	0	0
B3c mercury	0,05000 mg/kg	8	0	0	0	0	0

\* There are action limits in framework of surveillance, not MRL or MRPL

## Residues monitoring 2007 - sampling of wild boar



## Wild boar - overlimits findings 2007



■ olovo in muscle

## Wild boar - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a 4,4'-DDD	14	7	50,0	0	0,0	0,000	0,000	n.d.	0,002	0,003
B3a 4,4'-DDE	14	13	92,9	0	0,0	0,002	0,013	0,000	0,056	0,063
B3a 4,4'-DDT	14	10	71,4	0	0,0	0,001	0,001	n.d.	0,005	0,007
B3a DDT (sum)	14	13	92,9	0	0,0	0,003	0,015	0,000	0,060	0,068
B3a aldrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a dieldrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a endrin	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a alpha-HCH	14	1	7,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a beta-HCH	14	2	14,3	0	0,0	n.d.	0,000	n.d.	0,001	0,002
B3a gamma-HCH (lindane)	14	1	7,1	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a heptachlor	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a hexachlorobenzene	14	8	57,1	0	0,0	0,000	0,001	n.d.	0,002	0,003
B3a endosulfan - sum	14	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	14	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 28 (congener)	15	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 52 (congener)	15	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 101 (congener)	15	0	0,0	0	0,0	n.d.	0,000	n.d.	n.d.	n.d.
B3a PCB 118 (congener)	15	1	6,7	0	0,0	n.d.	0,000	n.d.	n.d.	0,000
B3a PCB 138 (congener)	15	7	46,7	0	0,0	n.d.	0,001	n.d.	0,005	0,007
B3a PCB 153 (congener)	15	9	60,0	0	0,0	0,000	0,001	n.d.	0,007	0,009
B3a PCB 180 (congener)	15	8	53,3	0	0,0	0,000	0,001	n.d.	0,005	0,009
B3a PCB - sum of congeners	15	9	60,0	0	0,0	0,000	0,003	n.d.	0,017	0,026
B3c cadmium	29	10	34,5	0	0,0	n.d.	0,002	n.d.	0,006	0,007
B3c lead	29	18	62,1	3	10,3	0,010	106,999	n.d.	4,540	3090,000
B3c mercury	29	29	100,0	0	0,0	0,004	0,004	0,001	0,009	0,012
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	1	100,0	0	0,0	2,130	-	-	-	-

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,10000 mg/kg	13	1	0	0	0	0
B3a aldrin	0,02000 mg/kg	14	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	14	0	0	0	0	0
B3a endrin	0,01000 mg/kg	14	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	14	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	14	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	14	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	14	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	14	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	14	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	14	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	15	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	29	0	0	0	0	0
B3c lead	1,00000 mg/kg	26	0	0	0	0	3
B3c mercury	0,05000 mg/kg	29	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	1	0	0	0	0	0

\* there are action limits in the framework of surveillance, not MRL or MRPL

## Wild boar - list of overlimit findings

Sampling	cadastral district	district	value
<b>lead - muscle</b>			
27.11.2007	Hostomice pod Brdy	Beroun	4,54 mg/kg
30.10.2007	Komorany u Mostu	Most	7,18 mg/kg
7.6.2007	Kravare v cechach	ceska Lipa	3090,0 mg/kg

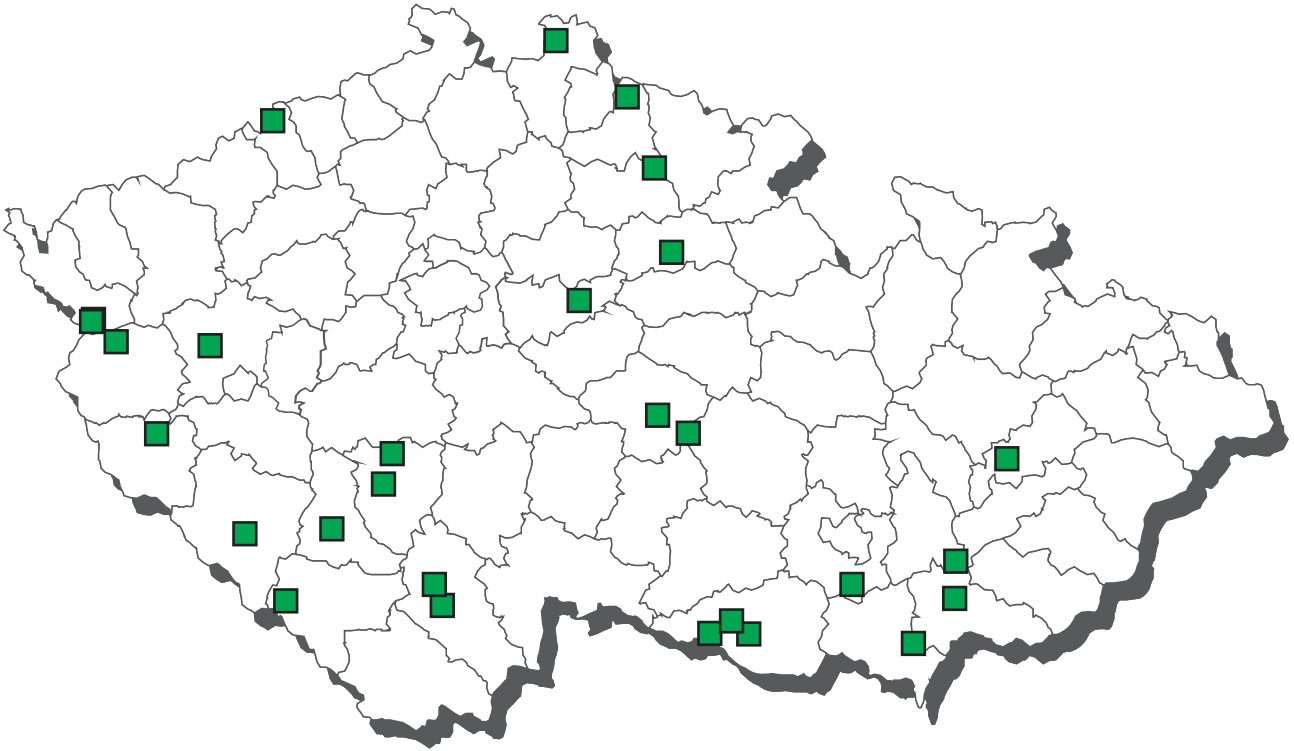
## Wild boar - dioxiny - monitoring (value in pg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a PCB 105 (congener)	3	2	66,7	0	0,0	37,900	29,800	-	-	41,300
B3a PCB 114 (congener)	3	3	100,0	0	0,0	5,050	6,327	-	-	10,700
B3a PCB 118 (congener)	3	3	100,0	0	0,0	210,000	152,600	-	-	220,000
B3a PCB 123 (congener)	3	2	66,7	0	0,0	3,780	2,869	-	-	4,350
B3a PCB 126 (congener)	3	2	66,7	0	0,0	1,770	1,346	-	-	2,140
B3a PCB 156 (congener)	3	3	100,0	0	0,0	188,000	132,077	-	-	199,000
B3a PCB 157 (congener)	3	2	66,7	0	0,0	35,200	24,060	-	-	36,600
B3a PCB 167 (congener)	3	3	100,0	0	0,0	42,300	46,833	-	-	57,700
B3a PCB 169 (congener)	3	2	66,7	0	0,0	3,780	2,748	-	-	4,250
B3a PCB 189 (congener)	3	2	66,7	0	0,0	51,500	35,771	-	-	55,400
B3a PCB 77 (congener)	3	3	100,0	0	0,0	5,210	10,750	-	-	25,400
B3a PCB 81 (congener)	3	1	33,3	0	0,0	n.d.	0,500	-	-	1,060
B3a WHO-PCDD/F-PCB-TEQ	3	3	100,0	0	0,0	1,140	1,157	-	-	1,250
B3a WHO-PCDD/F-TEQ	3	3	100,0	0	0,0	0,850	0,884	-	-	1,030
B3a 1,2,3,4,6,7,8-HpCDD	3	1	33,3	0	0,0	n.d.	5,378	-	-	31,200
B3a 1,2,3,4,6,7,8-HpCDF	3	1	33,3	0	0,0	n.d.	0,438	-	-	0,893
B3a 1,2,3,4,7,8,9-HpCDF	3	0	0,0	0	0,0	n.d.	0,113	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDD	3	0	0,0	0	0,0	n.d.	0,118	-	-	n.d.
B3a 1,2,3,4,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,236	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDD	3	0	0,0	0	0,0	n.d.	0,099	-	-	n.d.
B3a 1,2,3,6,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,117	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDD	3	0	0,0	0	0,0	n.d.	0,104	-	-	n.d.
B3a 1,2,3,7,8,9-HxCDF	3	0	0,0	0	0,0	n.d.	0,114	-	-	n.d.
B3a 1,2,3,7,8-PeCDD	3	0	0,0	0	0,0	n.d.	0,111	-	-	n.d.
B3a 1,2,3,7,8-PeCDF	3	0	0,0	0	0,0	n.d.	0,121	-	-	n.d.
B3a 2,3,4,6,7,8-HxCDF	3	0	0,0	0	0,0	n.d.	0,328	-	-	n.d.
B3a 2,3,4,7,8-PeCDF	3	0	0,0	0	0,0	n.d.	0,109	-	-	n.d.
B3a 2,3,7,8-TCDD	3	0	0,0	0	0,0	n.d.	0,092	-	-	n.d.
B3a 2,3,7,8-TCDF	2	0	0,0	0	0,0	n.d.	0,078	-	-	n.d.
B3a OCDD	3	2	66,7	0	0,0	4,010	58,312	-	-	169,000
B3a OCDF	3	0	0,0	0	0,0	n.d.	2,917	-	-	n.d.

Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a WHO-PCDD/F-TEQ	4,00000 pg/g of fat*	3	0	0	0	0	0
B3a WHO-PCDD/F-PCB-TEQ	2,00000 pg/g of fat*	2	1	0	0	0	0

\* action limits

# Residues monitoring 2007 - sampling of other cloven-hoofed animals

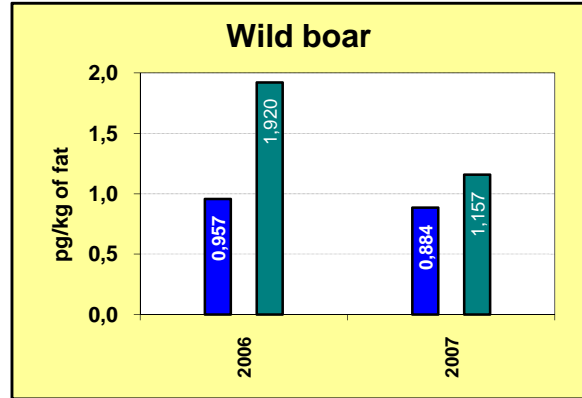
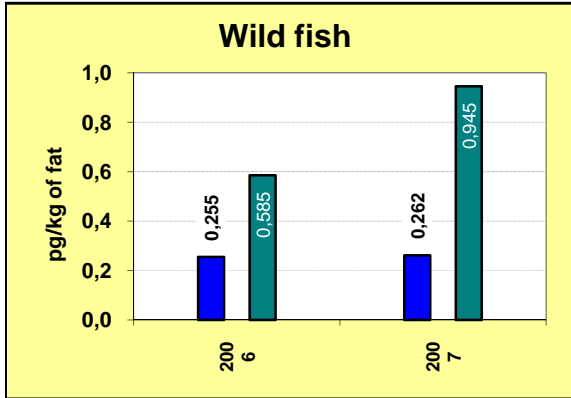
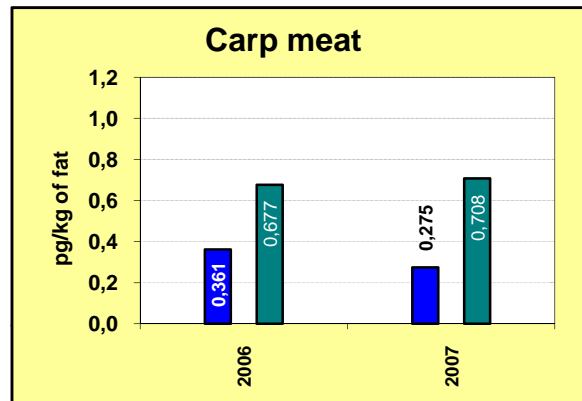
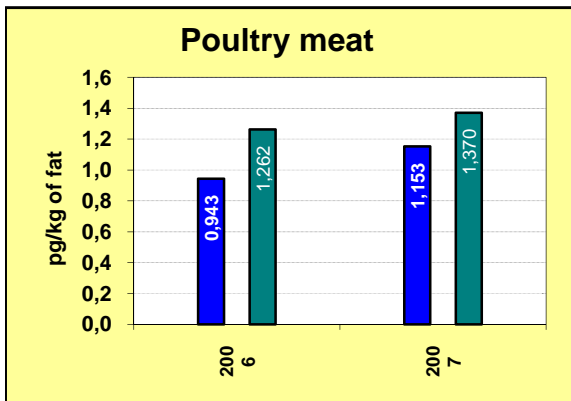
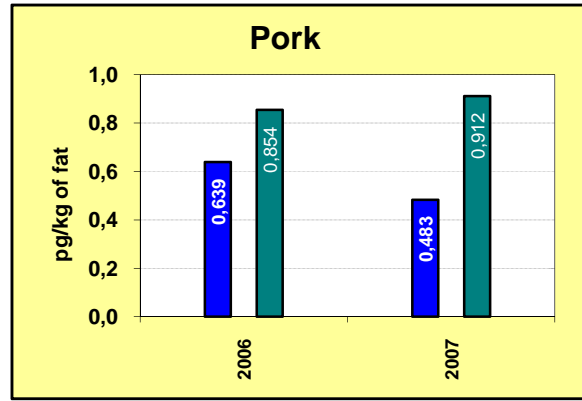
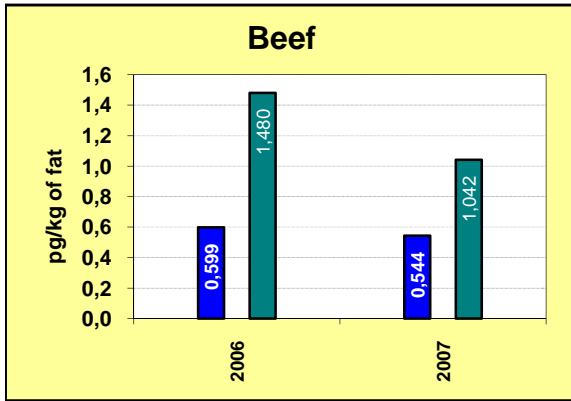


## Other cloven-hoofed animals - muscle - monitoring (value in mg/kg)

Analyt	n	posit.	%pos.	n+	%+	median	average	10% quantil	90% quantil	maximum
B3a 2,4'-DDT	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a 4,4'-DDD	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,000
B3a 4,4'-DDE	6	2	33,3	0	0,0	n.d.	0,000	-	-	0,000
B3a 4,4'-DDT	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,002
B3a DDT (sum)	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,002
B3a aldrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a dieldrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endrin	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a alpha-HCH	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a beta-HCH	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a gamma-HCH (lindane)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a heptachlor	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a hexachlorobenzene	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a endosulfan - sum	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a chlordan	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 28 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 52 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 101 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 118 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 138 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB 153 (congener)	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,001
B3a PCB 180 (congener)	6	0	0,0	0	0,0	n.d.	0,000	-	-	n.d.
B3a PCB - sum of congeners	6	1	16,7	0	0,0	n.d.	0,000	-	-	0,001
B3c cadmium	26	6	23,1	0	0,0	n.d.	0,003	n.d.	0,006	0,010
B3c lead	26	10	38,5	0	0,0	n.d.	0,017	n.d.	0,047	0,140
B3c mercury	26	15	57,7	0	0,0	0,001	0,001	n.d.	0,004	0,005
B3f Cesium 134	1	0	0,0	0	0,0	n.d.	-	-	-	-
B3f Cesium 137	1	1	100,0	0	0,0	0,480	-	-	-	-

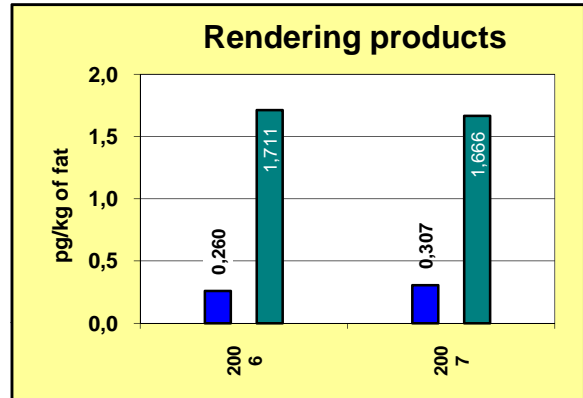
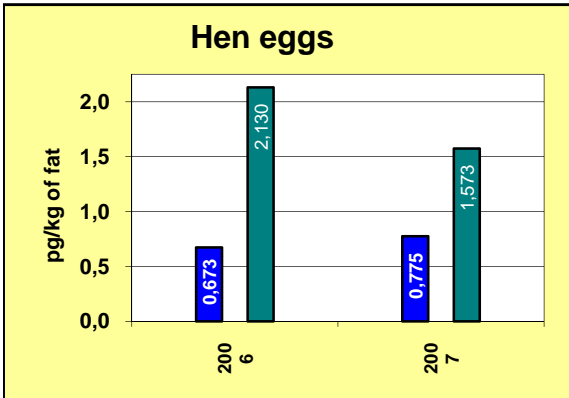
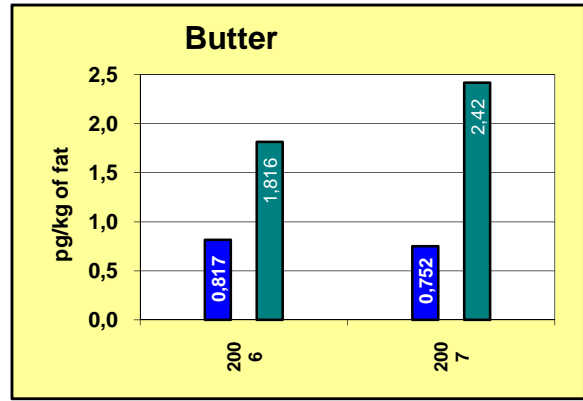
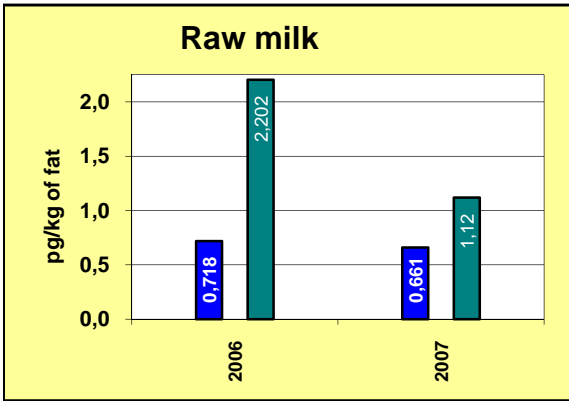
Analyt	hygienic limit (HL)	under 50%	50-75%	75-100%	100-150%	150-200%	over 200%
B3a DDT (sum)	0,10000 mg/kg	6	0	0	0	0	0
B3a aldrin	0,02000 mg/kg	6	0	0	0	0	0
B3a dieldrin	0,02000 mg/kg	6	0	0	0	0	0
B3a endrin	0,01000 mg/kg	6	0	0	0	0	0
B3a alpha-HCH	0,02000 mg/kg	6	0	0	0	0	0
B3a beta-HCH	0,01000 mg/kg	6	0	0	0	0	0
B3a gamma-HCH (lindane)	0,01000 mg/kg	6	0	0	0	0	0
B3a heptachlor	0,02000 mg/kg	6	0	0	0	0	0
B3a hexachlorobenzene	0,02000 mg/kg	6	0	0	0	0	0
B3a endosulfan - sum	0,01000 mg/kg	6	0	0	0	0	0
B3a chlordan	0,01000 mg/kg	6	0	0	0	0	0
B3a PCB - sum of congeners	2,00000 mg/kg	6	0	0	0	0	0
B3c cadmium	0,10000 mg/kg	26	0	0	0	0	0
B3c lead	1,00000 mg/kg	26	0	0	0	0	0
B3c mercury	0,05000 mg/kg	26	0	0	0	0	0
B3f Cesium 134	600,00000 Bq/kg	1	0	0	0	0	0
B3f Cesium 137	600,00000 Bq/kg	1	0	0	0	0	0

### Average content of dioxins sum in foodstuffs and raw materials



WHO-PCDD/F-TEQ  
 WHO-PCDD/F-PCB-TEQ

### Average content of dioxins sum in foodstuffs and raw materials



WHO-PCDD/F-TEQ  
 WHO-PCDD/F-PCB-TEQ