ARCCR 500

VERSION 2.0

DIGITAL GEOGRAPHIC DATABASE
1 : 500 000

DATA DESCRIPTION

August 2003

Introduction

ArcCR 500 is a digital vector geographic database for the territory of the Czech Republic in the scale 1 : 500 000. It follows similar databases, processed by ESRI (Environmental Systems Research Institute, California, USA) or by co-operating firms for the USA and particular European countries (ie. Germany, France, Austria) and for the whole world (ArcWorld).

The objective of this data supply is to make accessible clearly organized geographic information of the Czech Republic to geographic information systems (GIS) users. The Data contents and structure enable a wide range of spatial analysis to be obtained from graphic and tabular data connection, visualization and presentation of this dataset. The connection of other statistical information is also available.

The database is possible to use for:
- **marketing analysis** - problems of localization, network units or goods distribution optimization
- **tourism and publicity -** presentation and arrangement of tourist services, tourist attractions and presentation of sightseeing tours etc.
- **state administration** (central level) - basic information database for analytical, synthetic and conceptual work and for professional and statistic data presentation
- **geography education**

Geographic information ArcCR 500 are divided into three thematic groups:
- *Basic geographic features,*
- *Administrative division,*
- *Additional thematic information.*

The source materials for basic geographic information digital processing are maps and databases provided by the **Land Survey Office:**
- *Map of the Czech Republic in the scale 1 : 500 000* for basic geographic features (forest areas, settlement, water bodies, rivers and streams, road and railway network),
- *Physiogeographic map of Czech Republic 1 : 500 000* for elevation,
- Vector *database of territorial technical units (cadastres)* for administrative divisional units.

Further attributes are available along with expanded original map source information

Detailed database description is mentioned on the following pages.

Potential questions and remarks to be sent kindly to the address:

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1. Data Format

Geographic data ArcCR500 are primarily stored in ESRI GIS formats. Vector data are stored in this variants: ***ArcInfo coverage, ESRI Shape File and Personal Geodatabase***. Raster data are stored in ***ARC/INFO GRID*** format***,*** *respectively tiff format.* Connected tabular data are saved as ***INFO*** files (for coverages) or ***DBF*** files (for shape file). ESRI Shape file format is open and a fully documented format of geographic data. In the case of interest it is possible to get further data description at the address of ARCDATA PRAHA, the exclusive ESRI product distributor in the Czech Republic.

2. Coordinate Systems

Primary ArcCR 500 coordinate system is ***S-JTSK.*** Geographic data are also transformed to system ***S-42*** and to ***geographic coordinates*** (on WGS-84 ellipsoid).

3. Data Storage

Data storing structure depends on variability of given data formats and coordinate systems. Root directory (ARCCR500) is divided to subdirectories by offered coordinate systems: ***S42, JTSK a GEOCOOR*** (geographic coordinates). They are consequently divided to subdirectories:
- ***covers*** - vector and tabular data in ARC/INFO format,
- ***geodatabase*** – vector and tabular data in Geodatabase format,
- ***grids*** - rasters in ARC/INFO format,
- ***shapes*** - vector data in ESRI Shape File format and tabular data in DBF format,
- ***images*** - rasters in TIFF format.

It is created five projects for every transformed coordinate system for better data orientation:

- **ac5v20c.apr** – ArcView GIS 3.2 project for coverage
- **ac5v20s.apr** – ArcView GIS 3.2 project for shapefile
- **ac5v20c.mxd** – ArcGIS 8.2 project for coverage
- **ac5v20s.mxd** – ArcGIS 8.2 project for shapefile
- **ac5v20g.mxd** – ArcGIS 8.2 project for Personal Geodatabase

4. Code Pages

When ArcInfo coverage data format is used, tabular data are stored by ISO 8859-2 code page. In the case of ESRI Shape File/Personal Geodatabase, tabular data are stored by Windows 1250 code page. All Czech names are also transformed into non-diacritical form and stored in attribute *name_ASCII.*

5. Data Documentation

Database description is also available in MS WORD format at the root directory of CD-R (ARCCR500).

6. Data Input to the Database

Geographic database ArcCR was drawn by semi-automatic and interactive vectorisation and processed in the GIS ARC/INFO 7.1 (7.1.1) environment on Windows NT and HP-UX platforms. Modules ArcEdit, ArcScan, GRID and TIN were also used. The proofing and

input of some data (especially tabular) was carried out on the ArcView GIS 3.0 Windows NT platform. For actualization we used ArcGIS 8.2 and ArcView GIS 3.2.

7. What is new in 2.0 Version

Only data in Administrative Division data frame were changed. These layers are actualized with regard to administrative division changes in Czech Republic:

- ***Municipalities***
- ***Town Districts***
- ***Town Quarters***
- ***Financial Administrations***
- ***Commissioned Local Administrations***
- ***Districts***
- ***Regions***
- ***Region 1960***

The “Basic Territorial Units” layer is abandoned.

These layers are newly added to this ArcCR500 version:

- ***Basic Residential Units***
- ***Territorially-Technical Units***
- ***Cadastral Territories***
- ***Town Quarters and Town Districts_p***
- ***Municipal Quarters***
- ***Municipalities and Military Areas***
- ***Prague Administrative Districts (1 – 22)***
- ***Prague NUTS4 Quarters (1 – 15)***
- ***Prague Quarters (1 – 10)***
- ***Corporate Towns***
- ***Municipalities with Extended Incidence***
- ***Areas***

The “Town Districts” layer and the “Town Quarters” layer were joined to one layer: “Town Districts and Town Quarters”.

List of layers in Administrative Division data frame:

- ***Basic Residential Units***
- ***Territorially-Technical Units***
- ***Cadastral Territories***
- ***Town Quarters and Town Districts_p***
- ***Municipal Quarters***
- ***Municipalities and Military Areas_p***
- ***Prague Administrative Districts (1 – 22)***
- ***Prague NUTS4 Quarters (1 – 15)***
- ***Prague Quarters (1 – 10)***
- ***Town Quarters and Town Districts***
- ***Corporate Towns***
- ***Municipalities and Military Areas***

- ***Financial Administrations***
- ***Municipalities with Accredited Authority***
- ***Municipalities with Extended Incidence***
- ***Districts***
- ***Regions***
- ***Region 1960***
- ***Areas***

Source of the data used for actualization:

- Territory Identifying Register of Basic Residential Units (UIR-ZSJ), which can be found on Ministry for Regional Development of the Czech Republic website (http://www.mmr.cz),
- Territory Identifying Register of Addresses (UIR-ADR), which can be found on Czech Statistical Office website (http://czso.cz).

8. Administrative Division In Czech Republic

Area – NUTS 2 territorial statistical unit declared by "Territorial statistical unit classification – CZ-NUTS", issued by Czech Statistical Office Acquisition from 27th April 1999. It is composed of districts.

Region – NUTS 3 territorial statistical unit – higher administrative unit declared by 347/1997 law. It is composed of districts.

District – NUTS 4 territorial statistical unit declared by 147/2000 law. It is composed of municipal areas. Capital Prague is also one district.

Municipality with extended incidence – administrative unit declared by 388/2002 law. Capital Prague is also one municipality with extended incidence. Its name is unique within the district.

Municipality with accredited authority – administrative unit declared by 388/200 law. It is composed of municipal areas. Municipality with accredited authority is capital Prague and military areas. Its name is unique within the district.

Municipality – NUTS 5 territorial statistical unit declared by 128/2000 law. It is composed of cadastral territories. Military areas are also municipalities. Municipality name is unique within the district. Municipality is divided to municipal quarters. Corporate towns can be divided to town quarters or town districts.

Municipal quarter – administrative unit declared by 128/2000 law. Municipal quarter name is unique within the municipality.

Town quarter / town district – organization unit of corporate town (declared by 128/2000 law) or capital Prague (declared by 131/2000 law). It is determined by borderlines of town quarter/town district and it cannot cover whole municipality area.

Prague quarters – Prague quarters Praha 1 to Praha 10 declared by 36/1960 law. It is composed of town quarters.

Prague NUTS4 quarter – NUTS 4 territorial statistical unit declared by “Territorial statistical unit classification – CZ-NUTS”, issued by Czech Statistical Office Acquisition from 27th April 1999. It is composed of town quarters. Its name is unique within the capital Prague.

Prague administrative district – administrative unit by Status of Capital Prague. It is composed of town quarters. Its name is unique within the capital Prague.

9. Database Table of Contents

Basic geographic features:

Theme/ Layer	Feature	Type of Feature	coverage /grid/info	shape file /tif/dbf Geodatab.	Rec ency	Attributes
Road Network	12 009 roads (with anno-tations)	line	silnice	silnice	2001	class road number international route nr. of drive lanes in one direction
4-laned Roads						
Roads -- Annotation		annotation		only in coverage		
Railways	880 railways and cableways	line	zelez	zelez	2001	type rail section category of the railway electrification
Categories of The Railway						
Electrification						
Cableways						
Rail Sections	221 rail sections	route	zelez/trat	zel_trat	2001	rail section number
Railway Stations and Stops	2756 rail. stations and stops	point	zel_stan	zel_stan	2001	rail section name
Forest Areas	5741 polygons of forest areas	polygon	lesy	lesy	1996	
Water Bodies	615 polygons of water bodies	polygon	vody	vod_pl	2001	name type level altitude
Water Streams	3726 sections of streams	line		vot_tok	1996	name of the stream type
Water -- Annotation	annotation of water bodies and streams	annotation		only in coverage	2001	name
Marshes and Peat-bogs	80 polygons of marshes and peat-bogs	polygon	baziny	baziny	1996	type
Settlement Areas	473 selected settlement areas	polygon	sidlap	sidlap	1996	name
Settlement	3820 settlement points	point	sidlab	sidlab	1996	name size category spas
Spas						
Settlement -- Annotation	settlement annotations	annotation		only in coverage		name
Altitude Points	797 altitude points	point	vysky	vysky	1996	name altitude above sea level
Altitude Points - Annotation	annotation of altitude	annotation		only in coverage		name
Contour Lines	11723 contour lines	line	vrstev	vrstev	1996	altitude above sea level
Digital Elevation model	digital elevation model	raster	dem		1996	altitude above sea level
Hillshading	hillshading	raster	stin_ter	stin_ter	1996	
Color Relief	color relief	raster		bar_rel	1996	

Additional thematic information:

Theme Layer	*Feature*	*Type of Feature*	*coverage /grid/info*	*shape file /tif/dbf Geodatab.*	*Recency*	*Attributes*
Geographic Grid	meridians, parallels (662 features)	line	zemsit	zemsit		longitude latitude
Topographic Maps 1:200000	map layout of topog. map 1:200000	region	kladtm	kltm200	1996	nomenclature
Topographic Maps 1:100000	map layout of topog. map 1:100000			kltm100		
Topographic Maps 1:50000	map layout of topog. map 1:50000			kltm50		
Topographic Maps 1:25000	map layout of topog. map 1:25000			kltm25		
Base Maps 1:200000	map layout of base map 1:200000	region	kladzm	klzm200	1996	nomenclature
Base Maps 1:100000	map layout of base map 1:100000			klzm100		
Base Maps 1:50000	map layout of base map 1:50000			klzm50		
Base Maps 1:10000	map layout of base map 1:10000			klzm10		
Border Crossings	246 border crossings	point	hp	hp	2001	Czech name foreign name type character traffic and operation extent
Airports	88 public airports	point	letiste	letiste	2001	name ICAO code statute traffic

Administrative division:

Theme/ Layer	*Feature*	*Type of Feature*	*coverage /grid/info*	*shape file /tif/dbf Geodatab.*	*Rec ency*	*Attributes*
Basic Residential Units	22941 basic residential units	point	zsj	zsj	2003	Accepted data from UIR-ZSJ*
Territorially-Technical Units	13150 territorially technical units	point	utj	utj	2003	Accepted data from UIR-ZSJ*
Cadastral Territories	cadastral territory	point	ku	ku	2003	Accepted data from UIR-ZSJ*
Town Quarters and Town Districts_points	Town quarters/ districts	point	m_casti_b	m_casti_b	2003	Accepted data from UIR-ZSJ*
Municipal Quarters	Municipal quarters	point	cob	cob	2003	Accepted data from UIR-ZSJ*
Municipalities and Military Areas_points	Municipalities and military areas	point	obce_b	obce_b	2003	Accepted data from UIR-ZSJ*
Prague Administrative Districts (1-22)	22 Prague administrative Districts	polygon	m_casti	m_casti	2003	polygon area and perimeter, basic territorial unit identifier, town quarter/district name, municipality identifier, number of residents in 1991, 2001, for Prague also in 2003, town quarter identifier, administrative quarter in Prague, NUTS4 quarter, Prague quarter.
Prague NUTS4 Quarters (1-15)	15 Prague NUTS4 quarters					
Prague Quarters (1-10)	10 Prague quarters					
Town Quarters and Town Districts	149 town quarters/ districts in Czech Rep					

Administrative division (continue):

Theme Layer	Feature	Type of Feature	coverage /grid/info	shape file /tif/dbf Geodatab.	Recency	Attributes
Corporate Towns	20 corporate towns	polygon	obce	obce	2003	polygon area and perimeter, basic territorial unit identifier, municipality name, number of residents in 1991, 2001 and most recent, NUTS5, NUTS4, NUTS3, NUTS2 code, region 1960 identifier, district code, municipality code, control char., municip. ID, district town flag, office type, corporate town, postal code, building office name, financial administration name, master office name, positive/negative X, Y cooperate (S-JTSK), map layout number, accredited administration ID, code and name, nr of accredited administration district, municipality with extended incidence ID, code and name
Municipalities and Military Areas	6 249 municipalities/ military areas					
Financial Administrations	222 financial administrations	polygon	fu	fu	2003	financial administration code, name and full name, polygon area and perimeter, nr of residents in 1991 and 2001, NUTS4 code
Municipalities with Accredited Authority	394 municipalities with accredited municipal authority	polygon	pu	pu	2003	polygon area and perimeter, accredited authority name and nr, municipality with accredited authority name, code and nr, nr of residents in 1991, 2001, and most recent nr of res., nr of accredited authority district, NUTS4, NUTS3, NUTS2 code, region 1960 identifier
Municipalities with Extended Incidence	206 municipalities with extended incidence	polygon	orp	orp	2003	polygon area and perimeter, municipality nr, code and name, nr of residents in 1991, 2001 and most recent, nr of municipality with extended incidence district

Theme Layer	Feature	Type of Feature	coverage /grid/info	shape file /tif/dbf Geodatab.	Rec ency	Attributes
Districts	77 districts	polygon	okresy	okresy	2003	polygon area and perimeter, district name, nr of residents (1991, 2001, most recent), district code, NUTS 4, NUTS3, NUTS2 code, nr of region 1960, region code and name
Regions	14 regions	polygon	kraje	kraje	2003	polygon area and perimeter, region name, nr of residents (1991, 2001, most recent), region code, NUTS3, NUTS2 code
Region 1960	8 regions from 1960	polygon	kraj1960	kraj1960	2003	polygon area and perimeter, region nr and name, nr of residents (1991, 2001)
Areas	8 areas – NUTS2 regions	polygon	oblasti	oblasti	2003	NUTS2 code, name of area (region), nr of residents (1991, 2001)

* Data are completely accepted from UIR-ZSJ. Newly added fields SY…1 and SX…1 contain negative cooperates of definition point (for right point projection in S-JTSK).

10. Description of Geographic Features

Tabular information is applied to SHP data format content.

ROADS

Description: highways, motorways, 1st class roads, 2nd class roads
Graphic representation: axis of map symbol (+ annotations)
Geometric type: line, (+selected annotations)
coverage: silnice (anno.silnice)
shape file: silnice
geodatabase: silnice
Data source: map of the Czech Republic 1 : 500 000, others
Type of data input: vectorisation
Recency: December 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
trida_sil	class of the road	C	1	D - highways R - motorways 1 – 1st class roads 2 – 2nd class roads o - other roads
cislo_sil	number of the road	C	3	number
E	international route identification	C	20	international route (E50, E55, etc.)
cislo2_rd	numbers of parallel roads	C	10	number
j_pruhy	number of lanes in one direction	N	1	1 - one 2 - two or more

Note: *Type C = text*
Type N = numeric value

RAILWAYS AND CABLEWAYS

Description: railways, cable car or chair cableways
Graphic representation: axis of map symbol
Geometric type: line
coverage: zelez
shape file: zelez
geodatabase: zelez
Data source: map of the Czech Republic 1 : 500 000
Type of data input: vectorisation
Recency: December 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
typ_zel	type of railway	C	1	N - normal gauge railway U - narrow gauge railway L - cable car or chair cableway
elektr_tr	electrification of railways	C	1	E - electrified railway
kat_zel	category of railways	C	1	K - international railway corridor (AGC, AGTC, TER) C - national importance railway
cislo_tr	rail section numbers on the Czech Railways Time Table	C	60	rail section number (010 011 020 etc.)
kolej	number of rails	C	8	1 – one 2 – two or more

RAIL SECTIONS

Description: rail section on the Czech Railways Time Table
Graphic representation: axis of map symbol
Geometric type: route
coverage: zelez route : trat
shape file: zel_trat
geodatabase: zel_trat
Data source: map of the Czech Republic 1 : 500 000 / Czech Railways Time Table
Type of data input: derived from railways
Recency: December 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
cislo_tr	rail section numbers on the Czech Railways Time Table	C	3	rail section number (010, 011, 020 etc.)
trat	rail section names on the Czech Railways Time Table	C	70	text

RAILWAY STATIONS AND STOPS

Description: railway stations and stops on the Czech Railways Time Table
Graphic representation: projection to the railway line
Geometric type: point
coverage: zel_stan
shape file: zel_stan
geodatabase: zel_stan
Data source: map of Czech the Republic 1 : 500 000 /Czech Railways Time Table
Type of data input: projection to the railway line by mileage
Recency: December 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
nazev	name of the railway station / stop	C	30	text
cislo_tr	rail section numbers on the Czech Railways Time Table	C	40	rail section number (010 – 999)

FOREST AREAS

Description: forest areas
Graphic representation: area
Geometric type: polygon
coverage: lesy
shape file: lesy
geodatabase: lesy
Data source: map of the Czech Republic 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
lesy-id	forest area	N	5	1 - forest area

WATER BODIES

Description: water reservoirs and rivers (width greater than 50 m)
Graphic representation: area, (+annotation)
Geometric type: polygon, (+selected annotations)
coverage: vody (anno.vody)
shape file: vod_pl
geodatabase: vod_pl
Data source: map of the Czech Rep. and Physiogeogr. map 1 : 500 000
Type of data input: vectorisation
Recency: 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
typ_vpl	type of water body	C	1	N - water reservoir R - pond J - lake T - stream
nazev	name of water body	C	25	text
nazev_v_to	name of flowed water stream	C	20	text
vyska	middle level value altitude above the sea level	N	4	m

RIVERS AND STREAMS

Description: rivers and streams (width less than 50 m), watersides.
Graphic representation: centre of the water stream and perimeter of the water area (+ annotation)
Geometric type: line, (+ selected annotations)
coverage: vody (anno.vody)
shape file: vod_tok
geodatabase: vod_tok
Data source: map of the Czech Republic 1 : 500 000
Type of data input: vectorisation
Recency: 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
nazev	name of the river/stream	C	30	text
typ_vt	type of the water stream	C	1	T - free water stream P - boat canal K - other type of canals U - underground stream B - waterside

Remark : orientation of water streams agree with the flow direction

MARSHES AND PEAT-BOGS

Description: marshes and peat-bog areas
Graphic representation: area
Geometric type: polygon
coverage: baziny
shape file: baziny
geodatabase: baziny
Data source: map of the Czech Rep. and Physiogeographic map 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
typ_baz	type of waterlogged area	C	1	B - marsh R - peat-bog

SELECTED SETTLEMENT AREAS

Description: settlement areas with more than 10 000 inhabitants
Graphic representation: area
Geometric type: polygon
coverage: sidlap
shape file: sidlap
geodatabase: sidlap
Data source: map of the Czech Republic 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
nazev	name of settlement area, town quarter	C	30	text

SETTLEMENT POINTS

Description: points of settlement
Graphic representation: point, (+annotation)
Geometric type: point, (+annotation)
coverage: sidlab (anno.sidlab)
shape file: sidlab
geodatabase: sidlab
Data source: map of the Czech Republic 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
nazev	name of settlement, town quarter	C	30	text
velkat	classification of the settlement by the number of inhabitants	N	2	1 - less than 500 inhab. 2 - from 500 to 1 000 inhab. 3 - from 1 000 to 2 500 inhab. 4 - from 2 500 to 5 000 inhab. 5 - from 5 000 to 10 000 inhab. 6 - from 10 000 to 25 000 inhab. 7 - from 25 000 to 50 000 inhab. 8 - from 50 000 to 100 000 inhab. 9 - from 100 000 to 500 000 inhab. 10 - more than 500 000 inhab. 21 - parts of municipality without size specification
lazne	spa indication	C	1	L - health spa

ALTITUDE POINTS

Description: important altitude points
Graphic representation: point (+annotation)
Geometric type: point (+annotation)
coverage: vysky (anno.vysky)
shape file: vysky
geodatabase: vysky
Data source: Physiogeographic map 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
vyska	altitude above sea level	N	4	m
nazev	name of the peak	C	25	text

CONTOUR LINES

Description: contour lines at 50 m intervals and auxiliary contour lines at 25 m intervals
Graphic representation: line
Geometric type: line
coverage: vrstev
shape file: vrstev
geodatabase: vrstev
Data source: Physiogeographic map 1 : 500 000
Type of data input: vectorisation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
vyska	altitude above sea level	N	4	m

Remark: contour lines are dropped in surface exploitation areas

DIGITAL ELEVATION MODEL

Description: digital elevation model (pixel size 200 m)
Graphic representation: raster*
Geometric type: raster
grid: dem
Data source: Physiogeographic map 1 : 500 000
Type of data input: model based on contour lines, altitude points, water streams and water bodies
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
hodnota	altitude above sea level	N	4	m

Remark: in surface exploitation areas the model is nearly interpolated to the original surface

HILLSHADING

Description: DEM hillshading (pixel size 200 m)
Graphic representation: raster*
Geometric type: raster
grid: stin_ter
tif: stin_ter
Data source: DEM
Type of data input: generated from the DEM
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
hodnota	gray level	N	3	1-256

COLOR RELIEF

Description: shaded relief with color hypsometry (pixel size 200 m)
Graphic representation: raster*
Geometric type: raster RGB
tif: col_rel
Data source: DEM
Type of data input: generated from the DEM
Recency: 1996

* Raster is available only in S-JTSK and S-42 coordinate systems.

GEOGRAPHIC NETWORK

Description: meridians and parallels (1´ intervals)
Graphic representation: line
Geometric type: line
  coverage: zemsit
  shape file: zemsit
  geodatabase: zemsit
Data source:
Type of data input: derivation
Recency:
Attributes:

name	*description*	*type*	*width*	*acquired values*
zem_sirka	northern latitude	C	6	degrees, minutes
zem_delka	eastern longitude	C	6	degrees, minutes

TOPOGRAPHIC MAPS - MAP LAYOUT

Description : map layout of middle scale topographic maps 1 : 25 000, 50 000, 100 000, 200 000
Graphic representation: map sheet area
Geometric type: polygon
coverage: kladtm region : tm50, tm100, tm200
shape file, geodatabase: kltm25, kltm50, kltm100, kltm200
Data source: ARCDATA PRAHA
Type of data input: coordinates, derivation
Recency : 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
tm25	number of map sheet 1 : 25 000	C	12	code
tm50	number of map sheet 1 : 50 000	C	10	code
tm100	number of map sheet 1 : 100 000	C	8	code
tm200	number of map sheet 1 : 200 000	C	11	code

BASE MAPS - MAP LAYOUT

Description: map layout of middle scale base maps 1 : 10 000, 50 000, 100 000, 200 000
Graphic representation: map sheet area
Geometric type: polygon
coverage: kladzm region : zm50, zm100, zm200
shape file, geodatabase: klzm10, klzm50, klzm100, klzm200
Data source: ARCDATA PRAHA
Type of data input: coordinates, derivation
Recency: 1996
Attributes:

name	*description*	*type*	*width*	*acquired values*
zm10	number of map sheet 1 : 10 000	C	8	code
zm50	number of map sheet 1 : 50 000	C	5	code
zm100	number of map sheet 1 : 100 000	C	4	code
zm200	number of map sheet 1 : 200 000	C	2	code

BORDER CROSSINGS

Description: border crossings
Graphic representation: communication - border intersection, point on the border
Geometric type: point
coverage: hp
shape file: hp
geodatabase: hp
Data source: map of the Czech Republic 1 : 500 000
Report of the Ministry of Foreign Affairs 1994 –1998
Ministry of Interior of the Czech Republic (www.mvcr.cz)
Type of data input: identification
Recency: 31. 12. 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
stat	border state abbreviation	C	2	A - Austria, D - Germany, PL - Poland, SK - Slovakia
nazevcz	crossing point name in the Czech Republic	C	25	text
nazevciz	crossing point name in the neighbouring country	C	25	text
typ_hp	crossing point type	C	1	S - road Z - railway R - river O - others (tourist, small border traffic etc.)
char_hp	crossing point character	C	1	V - for all states citizens O - restrictions for other state citizens
p	foot-passenger traffic	C	1	a - no restrictions
c	cyclist traffic	C	1	a - no restrictions
m	motor cyclist traffic	C	2	a - no restrictions 50 - less than 50 ccm
o	personal (passenger) traffic (railway, river, cars)	C	3	a - no restrictions reg - regional
b	bus traffic	C	3	a - no restrictions reg - regional
n	freight traffic	C	3	a - no restrictions reg - regional 15 - less than 15 t 12 - less than 12 t 6 - less than 6 t 3,5 - less than 3,5 t
provoz_hp	operation of facility	C	2	N - permanent D - daily DL - summer season only – daily DZ - winter season only – daily V - Saturdays and Sundays

AIRPORTS

Description: public airports
Graphic representation: reference point
Geometric type: point
coverage: letiste
shape file: letiste
geodatabase: letiste
Data source: aeronautical information publication (www.rlp.cz)
Type of data input: coordinates
Recency: December 2001
Attributes:

name	*description*	*type*	*width*	*acquired values*
nazev	airport name	C	20	text
ICAO	ICAO code	C	4	code
statut_let	airport statute	C	1	I - international N - domestic
provoz_let	type of traffic	C	3	S - scheduled N - non-scheduled M - joint civil and military traffic P - private

Administrative division:

BASIC RESIDENTIAL UNITS

Description: definition points of basic residential units (BRU)
Graphic representation: point
Geometric type: point
coverage: zsj
shape file: zsj
geodatabase: zsj
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*) code	C	6	code (CZ011 – CZ081)
KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality code	C	1	code
KODZSJ	code of BRU	C	5	code
KZ	control char. of BRU	C	1	code
DIL	part of BRU	C	1	code
TYPD	part of BRU type	C	1	code
DILY	types of BRU parts	C	3	code
CUO	num. of urban district	C	3	code
DUO	part of urban district	C	1	code
CHARUO	characteristics of urban district	C	1	code
NAZZSJ	BRU name	C	40	text
OB91	nr of residents in 1991 (3. 3. 91)	N	8	number
OBZSJ91	nr of residents of BRU (1991)	N	8	number
KODZSL	census BRU code	C	5	code
DILSL	part of census BRU	C	1	code
KODZ01	census 2001 BRU code	C	5	code
KZ01	control char. of census 2001 BRU code	C	1	code
DIL01	part of census 2001 BRU	C	1	code
KODCOB	municipal quarter code	C	5	code
KC	control char. of municipality quarter code	C	1	code
KODKU	cadastral territory code	C	5	code
KK	control char. of cadastral territory code	C	1	code
KODUTJ	territorially-technical unit code	C	5	code
KU	control char. territorially-technical unit code	C	1	code
ICOB	municipality identifier	C	6	code
ICZUJ	basic territorial unit identifier	C	6	code

OM	district town flag	C	1	code
SM****)	corporate town nr	C	2	code
MO	town quarter nr	C	2	code
MC	town district nr	C	2	code
KODMC	town district code	C	5	code
POROB	municipality ordinal number	C	3	code
PORMC	town district ordinal number	C	2	code
PORCOB	Municipal quarter ordinal	C	2	code
STYP	residential type	C	1	code
CISTR	nr of department	C	3	code
KODSOOV	SOOV code	C	7	code
KODSOMV	SOMV code	C	7	code
KODSRA	SRA/MR code	C	5	code
KODOCR	tourist area code	C	2	code
MAPA	nr of map sheet ZM10 (1:10000)	C	8	code
SY	Y coordinate of definition point (S-JTSK)	N	6	number
SX	X coordinate of definition point (S-JTSK)	N	6	number
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
SY1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SX1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the utj, ku, m_casti_b, okresy, kraje databases (see Appendix 1)*

TERRITORIALLY TECHNICAL UNITS

Description: definition points of territorially technical units (TTU)
Graphic representation: point
Geometric type: point
coverage: utj
shape file: utj
geodatabase: utj
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*) code	C	6	code (CZ011 – CZ081)
KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality	C	1	code

	code			
ICOB	municipality identifier	C	6	code
POROB	municipality ordinal number	C	3	code
KODUTJ	TTU code	C	5	code
KU	control char. of TTU code	C	1	code
NAZUTJ	TTU name	C	40	text
KODKU	cadastral territory code	C	5	code
KK	control char. of cadastral territory code	C	1	code
NAZKU	cadastral territory name	C	40	text
ICZUJ	BTU identifier	C	6	code
MO	town district nr	C	2	code
MC	town quarter nr	C	2	code
KODMC	town quarter code	C	5	code
PORMC	town quarter ordinal	C	2	code
KODOCR	tourism area code	C	2	code
KODSRA		C	5	code
SYKU	Y coordinate of definition point (S-JTSK)	N	6	number
SXKU	X coordinate of definition point (S-JTSK)	N	7	number
MAPA	nr of map sheet ZM10 (1:10000)	C	8	code
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
SYKU1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SXKU1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the zsj, ku, obce, okresy, kraje databases (see Appendix 1)*

CADASTRAL TERRITORIES

Description: definition points of cadastral territories (CT)
Graphic representation: point
Geometric type: point
coverage: ku
shape file: ku
geodatabase: ku
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*) code	C	6	code (CZ011 – CZ081)

KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality code	C	1	code
ICOB	municipality identifier	C	6	code
POROB	municipality ordinal number	C	4	code
KODKU	CT code	C	5	cpde
KK	control char. of CT code	C	1	code
NAZKU	CT name	C	40	text
VYMERA	land area	N	12	number
ICZUJ	BTU identifier	C	6	code
PORMC	town quarter ordinal	C	2	code
KODOCR	tourism area code	C	2	code
KODSRA		C	5	code
SYKU	Y coordinate of definition point (S-JTSK)	N	6	number
SXKU	X coordinate of definition point (S-JTSK)	N	7	number
MAPA	nr of map sheet ZM10 (1:10000)	C	8	code
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
SYKU1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SXKU1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the zsj, utj, obce, okresy, kraje databases (see Appendix 1)*

TOWN DISTRICTS AND TOWN QUARTERS_POINTS

Description: definition points of town districts and town quarters
Graphic representation: point
Geometric type: point
coverage: m_casti_b
shape file: m_casti_b
geodatabase: m_casti_b
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*)ode	C	6	code (CZ011 – CZ081)
KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality	C	1	code

	code			
ICOB	municipality identifier	C	6	code
POROB	municipality ordinal number	C	4	code
ICZUJ	BTU identifier	C	6	code
KODMC	town quarter code	C	5	code
MO	town district nr	C	2	code
MC	town quarter nr	C	2	code
PORMC	town quarter ordinal	C	2	code
NAZMC	town quarter name	C	40	text
UR***)	type of administration (office) in municipality	C	1	code
SM****)	corporate town code	C	2	code
PSC	postal code	C	5	postal code
OB91	nr of residents in 1991 (3. 3. 91)	N	8	number
SPRO	administrative quarter	C	2	code
KODPO	municipality with accredited administration code	C	5	code
KODST	building office code	C	5	code
KODFI	financial administration code	C	5	code
CFU	nr of financial administration	C	3	code
KODMA	master office code	C	5	code
SYMC	Y coordinate of definition point (S-JTSK)	N	6	number
SXMC	X coordinate of definition point (S-JTSK)	N	7	number
MAPA	nr of map sheet ZM10 (1:10000)	C	8	code
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
SYMC1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SXMC1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the zsj, obce, fu, pu, okresy, kraje databases (see Appendix 1)*

MUNICIPAL QUARTERS

Description: definition points of Municipal quarters
Graphic representation: point
Geometric type: point
coverage: cob
shape file: cob
geodatabase: cob
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*)ode	C	6	code (CZ011 – CZ081)
KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality code	C	1	code
ICOB	municipality identifier	C	6	code
ICZUJ	BTU identifier	C	6	code
MO	town district nr	C	2	code
MC	town quarter nr	C	2	code
KODCOB	Municipal quarter code	C	5	code
KC	control char. of municipality quarter code	C	1	code
PORCOB	Municipal quarter ordinal number	C	2	code
NAZCOB	Municipal quarter name	C	40	text
NAZCOBA	alias name of Municipal quarter	C	40	text
KDOMCOB	dominant Municipal quarter code	C	5	code
KDC	control char. of dominant Municipal quarter code	C	1	code
NAZDOMCOB	dominant Municipal quarter name	C	40	text
PSC	Municipal quarter postal code	C	5	postal code
PSC_2	2nd Municipal quarter postal code	C	5	postal code
PSC_3	3rd Municipal quarter postal code	C	5	postal code
PSC_4	4th Municipal quarter postal code	C	5	postal code
PSC2	aggregate item of postal codes	C	6	postal code
OB91	nr of residents in 1991 (3. 3. 91)	N	8	number
MAPA	nr of map sheet ZM10	C	8	code

	(1:10000)			
SYCOB	Y coordinate of definition point (S-JTSK)	N	6	number
SXCOB	X coordinate of definition point (S-JTSK)	N	7	number
POROB	municipality ordinal number in district	C	4	code
PORMC	town quarter/district ordinal number in corporate town	C	2	code
ALKCOB	Municipal quarter code	C	5	code
AKC	control char. of Municipal quarter code	C	1	code
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
SYCOB1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SXCOB1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the zsj, obce, okresy, kraje databases (see Appendix 1)*

MUNICIPALITIES AND MILITARY AREAS_POINTS

Description: definition points of municipalities and military areas
Graphic representation: point
Geometric type: point
coverage: obce_b
shape file: obce_b
geodatabase: obce_b
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
KN	region name code	C	2	code
KNOK	district name code	C	4	code
KODNUTS	NUTS4*)ode	C	6	code (CZ011 – CZ081)
KODOK	code of district**)	C	4	code (3100 – 3811)
KODOB	code of municipality	C	5	code
KO	control char. of municipality code	C	1	code
ICOB	municipality identifier	C	6	code
ICZUJ	BTU identifier	C	6	code
NAZOB	municipality name	C	40	text
OM	flag of corporate town	C	1	code
UR***)	type of administration (office) in municipality	C	1	code

SM****)	corporate town	C	2	code
PSC	postal code	C	5	postal code
VYMERA	land area	N	12	number
OB91	nr of residents in 1991 (3. 3. 91)	N	8	number
KODST	building office code	C	5	code
KODFI	financial administration code	C	5	code
CFU	nr of financial administration	C	3	code
KODMA	master office code	C	5	code
PROBL	problem area	C	1	information
SYOB	Y coordinate of definition point (S-JTSK)	N	6	number
SXOB	X coordinate of definition point (S-JTSK)	N	7	number
MAPA	nr of map sheet ZM10 (1:10000)	C	8	code
ZMENAZAZ	date of recent data actualization	C	8	date
ZMENAPOL	item actualization	C	20	information
CISPOU	nr of municipality with accredited office administration district	C	5	code
OKPO	code of district of municipality with accredited administration	C	4	code
KODPO	code of municipality with accredited administration	C	5	code
NAZPO	municipality with accredited administration name	C	40	text
CISORP	nr of municipality with extended incidence	C	4	code
OKORP	code of district of municipality with extended incidence	C	4	code
KODORP	code of municipality with extended incidence	C	5	code
NAZORP	municipality with extended incidence name	C	40	text
SYOB1	negative Y coordinate of definition point (S-JTSK)	N	19	number
SXOB1	negative X coordinate of definition point (S-JTSK)	N	19	number

Note: *It is possible to connect this data with the zsj, obce, fu, pu, orp, okresy, kraje databases (see Appendix 1)*

TOWN DISTRICTS AND TOWN QUARTERS

Description: area of town districts and town quarters
Graphic representation: area
Geometric type: polygon
coverage: m_casti
shape file: m_casti
geodatabase: m_casti
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	12	number
PERIMETER	perimeter (m)	N	12	number
ICZUJ	BTU identifier	C	6	code
NAZEV	town quarter/district name	C	35	text
ICOBCE	municipality identifier	C	7	code
OB91	nr of residents in 1991 (3. 3. 91)	N	7	number
OB01	nr of residents in 2001	N	9	number
OB_010103	nr of residents in 2003 (1. 1. 03)	N	10	number
OB_310303	nr of residents in 2003 (31. 3. 03)	N	10	number
ICMC	town district identifier	C	6	code
MC_MO	town quarter/district identifier	C	14	code
SPROBVOD	Prague administration district name (1-22)	C	14	text
NUTS4OBVOD	Prague NUTS4 district name (1-15)	C	14	text
PROBVOD	Prague district name (1-10)	C	14	text

Note: *It is possible to connect this data with the obce databases (see Appendix 1)*

MUNICIPALITIES AND MILITARY AREAS

Description: area of municipalities and military areas
Graphic representation: area
Geometric type: polygon
coverage: obce
shape file: obce
geodatabase: obce
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	12	number
PERIMETER	perimeter (m)	N	12	number
ICZUJ	BTU identifier	C	6	code
NAZEV	municipality name	C	35	text
OB91	nr of residents in 1991 (3. 3. 91)	N	15	number
OB01	nr of residents in 2001	N	9	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	19	number
NUTS5	NUTS5*) code (for municipalities)	C	16	NUTS4 code + ICZUJ
NUTS4	NUTS4*) code (district)	C	14	CZ0110 – CZ0816
NUTS3	NUTS3*) code (region)	C	8	CZ011 – CZ081
KRAJ1960	code of region**) in 1960	C	10	code (3100 – 3800)
NUTS2	NUTS2*) code (area)	C	7	CZ01 – CZ08
NK	region name abbreviation	C	6	text
KODOK	code of district	C	11	code
KODOB	code of municipality	C	11	code
KO	control character	C	6	code
ICOBCE	municipality identifier	C	9	code
OM	corporate town flag	C	6	code
UR***)	Municipal administration (office) type	C	7	0 – 9
SM****)	nr of corporate town	C	6	1 – 20
PSC	postal code	C	10	postal code
KODST	building office code	C	12	code
KODFI	financial administration code	C	11	code
KODMA	master office code	C	11	code
SYOB	Y coordinate of municipality definition point (S-JTSK)	N	14	number
SXOB	X coordinate of municipality definition point (S-JTSK)	N	12	number
SYOB1	negative Y coordinate of municipality definition point (S-JTSK)	N	14	number
SXOB1	negative X coordinate of municipality definition point (S-JTSK)	N	12	number
MAPA	nr of map sheet ZM10 (1:10000)	C	13	code

CISPOU	nr of accredited administration	C	10	code
OKPO	code of district of municipality with accredited administration	C	11	code
KODPO	code of accredited administration	C	11	code
NAZPO	accredited administration name	C	35	text
CISORP	nr of municipality with extended incidence	C	10	code
OKORP	code of district**) of municipality with extended incidence	C	11	code
KODORP	code of municipality with extended incidence	C	11	code
NAZORP	municipality with extended incidence name	C	35	text

Note: *It is possible to connect this data with the all other databases of Administrative Division Data Frame (see Appendix 1)*

FINANCIAL ADMINISTRATIONS

Description: Location wards (regions) of financial administrations
Graphic representation: area
Geometric type: polygon
coverage: fu
shape file: fu
geodatabase: fu
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	12	number
PERIMETER	perimeter (m)	N	12	number
KODFI	code of financial administration residence	C	14	code
NAZFI	financial administration residence name	C	32	text
NAZEVFI	full name of financial administration	C	50	text
OB91	nr of residents in 1991 (3. 3. 91)	N	12	number
OB01	nr of residents in 2001	N	13	number
OB_311202	nr of residents in 2002 (31. 12. 2002) (°)	N	19	number
NUTS4	NUTS4*) code	C	9	CZ0110 – CZ0816

Note: (°) *Number of residents is not available for Brno and Ostrava towns. Number of residents of Prague is up to date (1. 1. 2003).*

Note: *It is possible to connect this data with the okresy database (see Appendix 1)*

MUNICIPALITIES WITH ACCREDITED ADMINISTRATION

Description: Location wards (regions) of municipalities with accredited administration
Graphic representation: area
Geometric type: polygon
coverage: pu
shape file: pu
geodatabase: pu
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	19	number
PERIMETER	perimeter (m)	N	19	number
CISPOU	nr of accredited administration	C	11	code
KODPO	code of accredited administration	C	14	code
NAZEV	accredited administration residence name	C	35	text
CISORP	nr of municipality with extended incidence	C	11	code
KODORP	code of municipality with extended incidence	C	11	code
NAZORP	municipality with extended incidence name	C	35	text
OB91	nr of residents in 1991 (3. 3. 91)	N	11	number
OB01	nr of residents in 2001	N	12	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	12	number
OKPO	code of district of municipality with accredited administration	C	9	code (3100 – 3811)
NUTS4	NUTS4*) code (district)	C	8	CZ0110 – CZ0816
NUTS3	NUTS3*) code (region)	C	9	CZ011 – CZ081
NUTS2	NUTS2*) code (area)	C	7	CZ01 – CZ08
KRAJ1960	code of region**) in 1960	C	11	code (3100 – 3800)

Note: *It is possible to connect this data with the otp, okresy, kraje, kraj1960, oblasti databases (see Appendix 1)*

MUNICIPALITIES WITH EXTENDED INCIDENCE

Description: Location wards (regions) of municipalities with extendead incidence
Graphic representation: area
Geometric type: polygon
coverage: orp
shape file: orp
geodatabase: orp
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	16	number
PERIMETER	perimeter (m)	N	12	number
CISORP	nr of municipality with extended incidence	C	11	code
KODORP	code of municipality with extended incidence	C	12	code
NAZORP	municipality with extended incidence name	C	35	text
OB91	nr of residents in 1991 (3. 3. 91)	N	9	number
OB01	nr of residents in 2001	N	10	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	16	number
OKRES	nr of district of municipality with extended incidence	C	11	code (3100 – 3811)

Note: *It is possible to connect this data with the okresy database (see Appendix 1)*

DISTRICTS

Description: administrative unit areas (districts = NUTS 4)
Graphic representation: area
Geometric type: polygon
coverage: okresy
shape file: okresy
geodatabase: okresy
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	19	number
PERIMETER	perimeter (m)	N	19	number

NAZEV	district name	C	26	text
OB91	nr of residents in 1991 (3. 3. 91)	N	9	number
OB01	nr of residents in 2001	N	7	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	8	number
OKRES	code of the district	C	8	code (3100 – 3811)
NUTS4	NUTS4*) code (district)	C	8	CZ0110 – CZ0816
NUTS3	NUTS3*) code (region)	C	9	CZ011 – CZ081
NUTS2	NUTS2*) code (area)	C	7	CZ01 – CZ08
KRAJ1960	code of region in 1960	C	11	code (3100 – 3800)
NK	abbreviation of region name	C	5	text
KN	code of region name	C	7	code
KNOK	code of district name	C	10	code
NAZKR	region name	C	23	text

Note: *It is possible to connect this data with the oblasti, kraj1960, kraje, orp, pu, fu, obce, obce_b, cob, m_casti_b, ku, utj, zsj databases (see Appendix 1)*

REGIONS

Description: administrative unit areas
Graphic representation: area
Geometric type: polygon
coverage: kraje
shape file: kraje
geodatabase: kraje
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	15	number
PERIMETER	perimeter (m)	N	15	number
NAZEV	region name	C	20	text
OB91	nr of residents in 1991 (3. 3. 91)	N	7	number
OB01	nr of residents in 2001	N	9	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	11	number
NUTS3	NUTS3*) code (region)	C	7	CZ011 – CZ081
NK	abbreviation of region name	C	4	text
KN	code of region name	C	4	code (1 – 14)
NUTS2	NUTS2*) code (area)	C	7	CZ01 – CZ08

Note: *It is possible to connect this data with the oblasti, okresy, pu, obce databases (see Appendix 1)*

REGIONS 1960

Description: administrative unit areas
Graphic representation: area
Geometric type: polygon
coverage: kraj1960
shape file: kraj1960
geodatabase: kraj1960
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 31. 12. 1999, considering the situation on 1st of January 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
AREA	area (m^2)	N	15	number
PERIMETER	perimeter (m)	N	14	number
KRAJ1960	code of region in 1960	C	11	code (3100 – 3800)
NAZEV	region name	C	20	text
OB91	nr of residents in 1991 (3. 3. 91)	N	7	number
OB01	nr of residents in 2001	N	9	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	11	number

Note: *It is possible to connect this data with the okresy, pu, obce databases (see Appendix 1)*

AREAS

Description: administrative unit areas
Graphic representation: area
Geometric type: polygon
coverage: oblasti
shape file: oblasti
geodatabase: oblasti
Data source: Territory Identifying Register of Basic Residential Units (UIR-ZSJ)
Type of data input: aggregation, generalization
Recency: 1. 1. 2003
Attributes:

name	*description*	*type*	*width*	*acquired values*
NUTS2	NUTS2 code (area)	C	17	CZ01 – CZ08
NAZOBL	area name	C	40	text
OB91	nr of residents in 1991 (3. 3. 91)	N	8	number
OB01	nr of residents in 2001	N	11	number
OB_311202	nr of residents in 2002 (31. 12. 2002)	N	11	number

Note: *It is possible to connect this data with the kraje, okresy, pu, obce databases (see Appendix 1)*

Explanation of references used above:

***)** by "Territorial statistical unit classification – CZ-NUTS", issued by Czech Statistical Office Acquisition from 27th April 1999

****)** by "District and Region Dials", issued by Czech Statistical Office Acquisition from 5th October 1995

*****)**

UR	NAZUR
0	Prague City Hall
1	Town council
2	Local authority (town)
3	Local authority (town)
4	Local authority (municipality)
5	District authority
6	Authority of town district
7	Authority of town quarter
8	Local authority
9	Authority of military area

******)**

SM	NAZOB
01	Prague
02	Ceske Budejovice
03	Pilsen
04	Karlovy Vary
05	Usti nad Labem
06	Liberec
07	Hradec Kralove
08	Pardubice
09	Brno
10	Zlin
11	Olomouc
12	Ostrava
13	Opava
14	Havirov
15	Kladno
16	Most
17	Jihlava
18	Teplice
19	Karvina
20	Mlada Boleslav

Appendix 1: Table of attribute relationship for Administrative Division data frame

	oblasti	kraj1960	kraje	okresy	orp	pu	fu	obce	m_casti	obce_b	cob	m_casti_b	ku	utj	zsj
oblasti			NUTS2	NUTS2		NUTS2		NUTS2							
kraj1960				KRAJ1960		KRAJ1960		KRAJ1960							
kraje	NUTS2			NUTS3		NUTS3		NUTS3		NK	KN	KN	KN	KN	KN
okresy	NUTS2	KRAJ1960	NUTS3		OKRES	NUTS4 OKPO	NUTS4	NUTS4 KODOK		NUTS4 KODOK	NUTS4 KODOK	NUTS4 KODOK	NUTS4 KODOK	NUTS4 KODOK	NUTS4 KODOK
orp				OKRES		CISORP KODORP		CISORP KODORP		CISORP KODORP					
pu	NUTS2	KRAJ1960	NUTS3	NUTS4 OKPO	CISORP KODORP			CISPOU KODPO		CISPOU KODPO		KODPO			
fu				NUTS4				KODFI		KODFI		KODFI			
obce	NUTS2	KRAJ1960	NUTS3	NUTS4 KODOK	CISORP KODORP	CISPOU KODPO	KODFI		ICOBCE	ICOB / ICOBCE	KODOB ICOBCE	KODOB ICOBCE	KODOB ICOBCE	KODOB ICOBCE	KODOB ICOBCE
m_casti								ICOBCE							
obce_b			NK	KODNUTS KODOK	CISORP KODORP	CISPOU KODPO	KODFI	ICOBCE / ICOB							KODOB
cob			KN	KODNUTS KODOK				KODOB ICOB							KODCOB
m_casti_b			KN	KODNUTS KODOK		KODPO	KODFI	KODOB ICOB							KODMC
ku			KN	KODNUTS KODOK				KODOB ICOB						KODKU	KODKU
utj			KN	KODNUTS KODOK				KODOB ICOB					KODKU		KODUTJ
zsj			KN	KODNUTS KODOK				KODOB ICOB		KODOB	KODCOB	KODMC	KODKU	KODUTJ	

Appendix 2: Pre-definition of relationships between layers in geodatabase for Administrative Division data frame

Relationship Name	Origin Table	Primary Key	Foreign Key	Destination Table	Type of Relation
kraj1960_obce	*obce*	*KRAJ1960*	*KRAJ1960*	*kraj1960*	*1 : M*
kraje_obce	*obce*	*NUTS3*	*NUTS3*	*kraje*	*1 : M*
obce_ku	*ku*	*KODOB*	*KODOB*	*obce*	*1 : M*
obce_mcastib	*mcasti_b*	*KODOB*	*KODOB*	*obce*	*1 : M*
obce_obceb	*obce_b*	*ICOB*	*ICOBCE*	*obce*	*1 : 1*
obce_utj	*utj*	*KODOB*	*KODOB*	*obce*	*1 : M*
obce_zsj	*zsj*	*KODOB*	*KODOB*	*obce*	*1 : M*
oblasti_obce	*obce*	*NUTS2*	*NUTS2*	*oblasti*	*1 : M*
okresy_obce	*obce*	*NUTS4*	*NUTS4*	*okresy*	*1 : M*
orp_obce	*obce*	*CISORP*	*CISORP*	*orp*	*1 : M*
pu_obce	*obce*	*CISPOU*	*CISPOU*	*pu*	*1 : M*