

**European Environment Agency
European Topic Centre on Biological Diversity**



**European Common Database on Nationally
Designated Areas - ECDDA-National**

Report on technical validation analysis of National Database

Czech Republic

version. 3 - September 2008

1 Introduction

This report shows results of EEA automated validation procedures run on the national CDDA data after the initial merge into the European dataset (ECDDA)

Report is divided in two main parts. Main statistics chapter shows overall summary of content of data tables. Data analysis contains results of individual validation procedures and has three sections, one for each data table. At the beginning of each of the section is a summary showing the most important findings for each field of the respective table. It shows also order number of individual test where more detailed information about the finding can be found. Findings which are pointing to some gap, error or discrepancy are highlighted.

You can navigate through the report by bookmarks you can see on the left side of this PDF document

Tip:

Use the table summary as a starting point. Here you can quickly see what is wrong with your national database (highlighted comments). Then use the bookmarks to jump directly on the detailed test result and check it.

Each result is marked according its relevance to data quality and correction urgency. There are 3 types of marks:

- i** Result is informative. It doesn't require any necessary or immediate action to improve data quality.
- ?** Data contained or quantified in the result may or may not require some actions with respect to their quality. More detailed information in the description of the result will help to decide which data are erroneous.
- !** Result contains or quantifies erroneous data which have to be corrected. The error usually violates some of the logical rules related to particular data.
- i ? !** Marks have green color if no records were detected in the test. As they wouldn't have much sense, detailed descriptions of such tests are also not displayed.

Tip:

At first you should put focus on red ! results. Second important are violet ? results where some of fields in table are highlighted with red color. Blue i results are just for information. And green marked results need no action on your part.

At the beginning of each result the number of detected records is shown and if it is possible and useful the percentage of total number of records is also shown. The validation result itself can be presented in few different ways.

1. Tabular result contains most information. Some fields in the table may be highlighted. What the highlighting means is explained in the legend above the table.
2. Condensed list is shown for results where the amount of detected records is so large that the detailed tabular presentation would not be practical. Some of the condensed lists are accompanied with short summary of main facts and findings.
3. A summary alone is provided in the few cases where the amount of records detected by a test is so huge that not even the condensed list would be useful (i.e. more than 3,000 cases).

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i 3 Main statistics

This test is comparing record numbers per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

Records marked to be deleted are not counted into that comparison!

Legend - highlightings of result table fields

Number of records in new dataset

 Decrease

 Increase

value No record

Number of data tables: 3

Table	Number of records in	
	old dataset	new dataset
designations	23	29
sites	2250	2221
sitehabitats	0	0

3.1 Field completeness

This test is comparing field completeness (counting not empty cells in tables) per table as coming from dataset prepared to be updated at national level and updated dataset delivered by country.

General formatting note:

Records marked to be deleted are not counted into that comparison.

Legend - highlightings of result table fields

Records filled in new

 Decrease

 Increase

value No value in mandatory fields

Completeness in new

 Decrease

 Increase

value Impossible to calculate (dividing by 0). Table contains no records!

i 3.1.1 Designations table

Number of columns: 16

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
ISO3	23	29	100.00	100.00
DESIG_ABBR	23	29	100.00	100.00
Category	21	21	91.30	72.41
ODESIGNATE	23	29	100.00	100.00
DESIGNATE	23	29	100.00	100.00
Title_French	23	28	100.00	96.55
CDDA_sites	23	28	100.00	96.55
Law	23	21	100.00	72.41
Lawreference	23	21	100.00	72.41
Agency	23	21	100.00	72.41
Number	8	14	34.78	48.28

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
Total_Area	8	14	34.78	48.28
Data_Source	0	0	0.00	0.00
Reference_date	0	0	0.00	0.00
Remark	0	0	0.00	0.00
Remark_Source	0	0	0.00	0.00

i 3.1.2 Sites table

Number of columns: 18

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
SITE_CODE	2250	2221	100.00	100.00
SITE_CODE_NAT	0	2221	0.00	100.00
ISO3	2250	2221	100.00	100.00
DESIG_ABBR	2250	2221	100.00	100.00
AREANAME	2250	2221	100.00	100.00
SIZE	2250	2221	100.00	100.00
IUCNCAT	2117	2221	94.09	100.00
NUTS	2250	2221	100.00	100.00
YEAR	2230	2221	99.11	100.00
ALTITUDE_MIN	45	0	2.00	0.00
ALTITUDE_MAX	44	0	1.96	0.00
LAT	2236	2221	99.38	100.00
LON	2236	2221	99.38	100.00
EIONET_CHNG_DATE	0	2221	0.00	100.00
EIONET_CHNG_TYPE	0	2221	0.00	100.00
EIONET_EDITED_BY	0	2221	0.00	100.00
EIONET_INSTITUTE	0	2221	0.00	100.00
NOTES	0	0	0.00	0.00

i 3.1.3 Sitehabitats table

Number of columns: 3

Field	records filled in old	records filled in new	completeness (%) in old	completeness (%) in new
SITE_CODE	0	0	N/A	N/A
EUNIS_Hab	0	0	N/A	N/A
Cover	0	0	N/A	N/A

4 Analysis of data

4.1 Designations table

Following tests are performed with full designation table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3898

Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Designations marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.

Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

Field	Comment	Detailed test
ISO3	Filled correctly	4.1.06
DESIG_ABBR	6 new designations	4.1.01
	No designations marked to be deleted.	4.1.03
	All designations have designation code	4.1.07
	6 designations don't follow official naming convention!	4.1.08
	2 designation codes are duplicated (4 designations have this codes totally)! Check detailed test result whether the error was not caused by other country.	4.1.09
Category	6 designations have missing "Category" code!	4.1.11
ODESIGNATE	Filled correctly	4.1.15
DESIGNATE	All designations have English name	4.1.15
Title_French	1 designation (NNatM) has missing French name	
CDDA_sites	6 designations have "CDDA_sites" changed (from "YES" to "NO"). Explanantion in "Remark" is missing for all of them! Check whether it is not an error!	4.1.16
	23 designations are marked not creating sites ("Total_Area_reference" is missing for all of them). Explanantion in "Remark" is missing for all of them! Check whether it is not an error! 6 designations still have valid sites in Sites table!	4.1.17
Law	Filled correctly	4.1.18
Lawreference	21 designations have missing "Lawreference"!	4.1.18
Agency	6 designations have missing "Agency"!	4.1.19
Number, Total_Area	The values were changed for some designations (6)! Do not edit or enter anything to those fields, those values will be calculated from sites table during update of European database tables!	4.1.20
Number_reference	Field is empty for all records	4.1.23
Total_Area_reference	Field is empty for all records	4.1.23
Data_Source	Field is empty for all records	4.1.23
Reference_date	Field is empty for all records	4.1.23
Remark	Field is empty for all records. Check also other field comments whether some explanations are not missing here.	4.1.24
Remark_Source	Field is empty for all records	4.1.24
To_be_deleted	No designation marked to be deleted	4.1.03

i 4.1.01 New designations

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Number of new records in the designations table: **6**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
CZE	NM		Natural Monument	Natural Monument	0
CZE	NNatM		National Natural Monument	National Natural Monument	0
CZE	NNR		National Nature Reserve	National Nature Reserve	0
CZE	NP		National Park	National Park	0
CZE	NR		Nature Reserve	Nature Reserve	0
CZE	PLA		Protected Landscape Area	Protected Landscape Area	0
					0

! 4.1.02 Designations deleted without marking them to be deleted

Number of detected records: **0**

? 4.1.03 Designations marked to be deleted

Number of detected records: **0**

i 4.1.04 Comparison of number of sites and total area of individual designations between old and new datasets

That test is comparing number and total area of sites as it is coming from sites table as well as from boundary files of previous and current update of data and is presenting result per designation.

Legend - highlightings of result table fields

Number of sites in new dataset Decrease

Increase

Number of sites in GIS Some sites from new dataset are missing in boundary data

Total area in new dataset Decrease

Increase

Total area in GIS Difference between total site size in new dataset and boundary data is greater than 5%

Number of detected records: **29**

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
CZE	CZ00	0	0	0	0	0	
CZE	CZ01	122	112	0	31703.83	28702.32	
CZE	CZ02	742	784	0	31335.62	37795.66	
CZE	CZ03	108	105	0	4952.2	2826.59	
CZE	CZ04	1214	1191	0	28753.94	20024.3	
CZE	CZ05	24	0	0	355923.38	0	
CZE	CZ06	0	0	0	0	0	

ISO3	DESIG ABBR	Number of sites in			Total area (ha) in		
		old dataset	new dataset	GIS	old dataset	new dataset	GIS
CZE	CZ07	7	4	0	230140	119489	
CZE	CZ08	0	0	0	0	0	
CZE	CZ09	33	25	0	1362149	1086737.3	
CZE	CZ10	0	0	0	0	0	
CZE	CZ11	0	0	0	0	0	
CZE	CZ12	0	0	0	0	0	
CZE	CZ13	0	0	0	0	0	
CZE	CZ21	0	0	0	0	0	
CZE	CZ22	0	0	0	0	0	
CZE	CZ23	0	0	0	0	0	
CZE	CZ24	0	0	0	0	0	
CZE	CZ25	0	0	0	0	0	
CZE	CZ26	0	0	0	0	0	
CZE	CZ27	0	0	0	0	0	
CZE	CZ28	0	0	0	0	0	
CZE	CZ99	0	0	0	0	0	
CZE	NM	N/A	0	0	N/A	0	
CZE	NNatM	N/A	0	0	N/A	0	
CZE	NNR	N/A	0	0	N/A	0	
CZE	NP	N/A	0	0	N/A	0	
CZE	NR	N/A	0	0	N/A	0	
CZE	PLA	N/A	0	0	N/A	0	
		2250	2221	0	2044957.97	1295575.17	

? 4.1.05 Designations not present in "SITES" table

That test is listing designations that do not have any site data reported in sites table. It shows designations having "CDDA_Sites" field marked both "Yes" and "No". Also "Remark" field entry is given to check if there is any reason explained especially for those marked "Yes" (they will create sites, but the data are just not there for some reason).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=21601

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Legend - highlightings of result table fields

Remark Explanation is missing why designations marked as creating sites, do not have any sites in Sites table!

Number of detected records: **23**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
CZE	CZ00		No Protection Status	No Protection Status	False	
CZE	CZ05	A	Ochranné pásmo NPR,NPP,PR,PP	Buffer Zone of CZ01-CZ04	False	
CZE	CZ06	A	Prechodne chránená plocha	Temporarily Protected Area	False	
CZE	CZ08	A	Ochranné pásmo národního parku	National Park - Buffer Zone	False	
CZE	CZ10	A	územní systémy ekologické stability	Territorial Systems of Ecological Stability	False	
CZE	CZ11	A	Významný krajinný prvek	Important Landscape Element	False	
CZE	CZ12	A	přírodní park	Natural Park	False	

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	CDDA sites	Remark
CZE	CZ13	A	jeskyne	Cave	False	
CZE	CZ21	B	lesy ochranné	Protective Forest	False	
CZE	CZ22	B	lesy zvláštního určení	Forests with special function	False	
CZE	CZ23	B	chránené rybí oblasti	Fishing Protected Areas	False	
CZE	CZ24	B	chránené oblasti přirozené akumulace vod	Protected Area of Natural Waterres.	False	
CZE	CZ25	B	ochranná pásma vodních zdrojů	Protected Area for Water Resources	False	
CZE	CZ26	B	ochranná pásma přírodních léčivých zdrojů a zdrojů přírodních minerálních vod	Protected Area for Bathing Water and natural mineral water resources	False	
CZE	CZ27	B	kulturní památka	Historical Monument	False	
CZE	CZ28	B	památkové zóny	Heritage Landscape Sites	False	
CZE	CZ99		Other	Others	False	
CZE	NM		Natural Monument	Natural Monument	True	
CZE	NNatM		National Natural Monument	National Natural Monument	True	
CZE	NNR		National Nature Reserve	National Nature Reserve	True	
CZE	NP		National Park	National Park	True	
CZE	NR		Nature Reserve	Nature Reserve	True	
CZE	PLA		Protected Landscape Area	Protected Landscape Area	True	

! 4.1.06 Designations where ISO3 is empty

Number of detected records: 0

! 4.1.07 Designations where "DESIG_ABBR" is empty

Number of detected records: 0

! 4.1.08 Designations where "DESIG_ABBR" do not follow official naming convention

To be in accordance with other databases at international and global level it is very important that naming of "DESIG_ABBR" is following official naming guide: ISO2 country code + two digits number between 00 and 99. Any other abbreviation will no longer be accepted.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Legend - highlightings of result table fields

ISO2 Correct country ISO2 code. Should be used as first part of correct DESIG_ABBR code.

DESIG ABBR Incorrect code

Number of detected records: 6

ISO3	ISO2	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
CZE	CZ	NM		Natural Monument	Natural Monument	0
CZE	CZ	NNatM		National Natural Monument	National Natural Monument	0
CZE	CZ	NNR		National Nature Reserve	National Nature Reserve	0
CZE	CZ	NP		National Park	National Park	0
CZE	CZ	NR		Nature Reserve	Nature Reserve	0

ISO3	ISO2	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
CZE	CZ	PLA		Protected Landscape Area	Protected Landscape Area	0
						0

! 4.1.09 Designations where "DESIG_ABBR" is duplicated

As a key field any entry to "DESIG_ABBR" should be unique and not duplicated.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=26791

Legend - highlightings of result table fields

DESIG ABBR Duplicated codes

whole row value This designation belongs to other country. It have to be checked which country caused duplication error!

Number of detected records: 4

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
CZE	NM		Natural Monument	Natural Monument	0
HRV	NM		Natural Monument	Natural Monument	48
CZE	NP		National Park	National Park	0
HRV	NP		National Park	National Park	7
					55

i 4.1.10 Designations where "Category" has been changed

Number of detected records: 0

! 4.1.11 Designations where "Category" is empty (numeric part of "DESIG_ABBR" is different then "00" and "99")

If designation category is not filled, there is impossible to count sites with that category into production of indicator showing designated area per country per designation category that is very relevant in evaluation of share between direct and indirect protection of nature in Europe.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=19740

Legend - highlightings of result table fields

Category Missing value (error)

Number of detected records: 6

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Number of sites
CZE	NM		Natural Monument	Natural Monument	0
CZE	NNatM		National Natural Monument	National Natural Monument	0
CZE	NNR		National Nature Reserve	National Nature Reserve	0
CZE	NP		National Park	National Park	0
CZE	NR		Nature Reserve	Nature Reserve	0
CZE	PLA		Protected Landscape Area	Protected Landscape Area	0
					0

! 4.1.12 Designations where "Category" is not present in official list ("DESIG_CATEGORIES" table)

Number of detected records: 0

i 4.1.13 Designations where "DESIGNATE" has been changed

Number of detected records: 0

! 4.1.14 Designations where "DESIGNATE" is empty

Number of detected records: 0

! 4.1.15 Designations where "ODESIGNATE" is empty


Number of detected records: 0

i 4.1.16 Designations where "CDDA_sites" has been changed


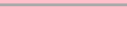



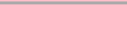
Field "CDDA_sites" is showing if a data user could expect that there will be site data of that designation in sites database or it will never be there (may be for example that designation is only stating about habitat protection where ever it appears), therefore it is very useful if all changes in that field entries will also be explained at "Remark" field.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922**Legend - highlightings of result table fields**

Remark  Explanation is missing! Check also records not highlighted whether the change is properly explained!

Number of detected records: 6

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites		Remark	Number of sites
				old	new		
CZE	CZ01	A	National Nature Reserve	True	False		112
CZE	CZ02	A	Nature Reserve	True	False		784
CZE	CZ03	A	National Nature Monument	True	False		105
CZE	CZ04	A	Nature Monument	True	False		1191
CZE	CZ07	A	National Park	True	False		4
CZE	CZ09	A	Protected Landscape Area	True	False		25
							2221


? 4.1.17 Designations where "CDDA_sites" is False (No)


When "CDDA_sites" entry is "No", user can be sure there will not be any site with that designation in sites table, if there is it is actually an error. Also it would be very relevant if explanation why that designation is not creating any sites would be entered into "Remark" field.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18922**Legend - highlightings of result table fields**

Total Area reference  Missing value (designations which are not creating sites should have this value filled)

Remark  Explanation is missing! Check also records not highlighted whether the reason is properly explained!

Number of Sites  Designation marked not creating sites should not have any valid site in Sites table!

Number of detected records: 23

ISO3	DESIG ABBR	Category	DESIGNATE	CDDA sites	Total Area reference	Remark	Number of sites
CZE	CZ00		No Protection Status	False			0
CZE	CZ01	A	National Nature Reserve	False			112
CZE	CZ02	A	Nature Reserve	False			784
CZE	CZ03	A	National Nature Monument	False			105
CZE	CZ04	A	Nature Monument	False			1191
CZE	CZ05	A	Buffer Zone of CZ01-CZ04	False			0
CZE	CZ06	A	Temporarily Protected Area	False			0
CZE	CZ07	A	National Park	False			4
CZE	CZ08	A	National Park - Buffer Zone	False			0
CZE	CZ09	A	Protected Landscape Area	False			25
CZE	CZ10	A	Territorial Systems of Ecological Stability	False			0
CZE	CZ11	A	Important Landscape Element	False			0
CZE	CZ12	A	Natural Park	False			0
CZE	CZ13	A	Cave	False			0
CZE	CZ21	B	Protective Forest	False			0
CZE	CZ22	B	Forests with special function	False			0
CZE	CZ23	B	Fishing Protected Areas	False			0
CZE	CZ24	B	Protected Area of Natural Waterres.	False			0
CZE	CZ25	B	Protected Area for Water Resources	False			0
CZE	CZ26	B	Protected Area for Bathing Water and natural mineral water resources	False			0
CZE	CZ27	B	Historical Monument	False			0
CZE	CZ28	B	Heritage Landscape Sites	False			0
CZE	CZ99		Others	False			0
							2221

! 4.1.18 Designations where "Law" or "Lawreference" is empty ("Category is else then "C")

"Law" and "Lawreference" entries are very needed to ensure legal background of designation and to allow any kind of juridical comparison of national designations in Europe, therefore it is very important that those fields are filled and also direct to articles in law as well as web links to the law when it is available.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20660

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18584

Legend - highlightings of result table fields

Law Missing value (error)

Lawreference Missing value (error)

Number of detected records: 21

ISO3	DESIG ABBR	Category	DESIGNATE	Law	Lawreference	Number of sites
CZE	CZ01	A	National Nature Reserve	Zákon c.114/1992 Sb. o ochrane...		112
CZE	CZ02	A	Nature Reserve	Zákon c.114/1992 Sb. o ochrane...		784
CZE	CZ03	A	National Nature Monument	Zákon c.114/1992 Sb. o ochrane...		105
CZE	CZ04	A	Nature Monument	Zákon c.114/1992 Sb. o ochrane...		1191
CZE	CZ05	A	Buffer Zone of CZ01- CZ04	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ06	A	Temporarily Protected Area	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ07	A	National Park	Zákon c.114/1992 Sb. o ochrane...		4
CZE	CZ08	A	National Park - Buffer Zone	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ09	A	Protected Landscape Area	Zákon c.114/1992 Sb. o ochrane...		25
CZE	CZ10	A	Territorial Systems of Ecological Stability	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ11	A	Important Landscape Element	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ12	A	Natural Park	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ13	A	Cave	Zákon c.114/1992 Sb. o ochrane...		0
CZE	CZ21	B	Protective Forest	Zákon c.289/1995 Sb. o lesích ...		0
CZE	CZ22	B	Forests with special function	Zákon c.289/1995 Sb. o lesích ...		0
CZE	CZ23	B	Fishing Protected Areas	Zákon c.102/1963 Sb. o rybářst...		0
CZE	CZ24	B	Protected Area of Natural Waterres.	Zákon c.254/2001 Sb. o vodách ...		0
CZE	CZ25	B	Protected Area for Water Resources	Zákon c.254/2001 Sb. o vodách ...		0
CZE	CZ26	B	Protected Area for Bathing Water and natural mineral water resources	Zákon c.164/2001 Sb. lázenský ...		0
CZE	CZ27	B	Historical Monument	Zákon c.20/1987 Sb. o státní p...		0
CZE	CZ28	B	Heritage Landscape Sites	Zákon c.20/1987 Sb. o státní p...		0
						2221

! 4.1.19 Designations where "Agency" is empty

"Agency" field should contain highest authority that is responsible of particular designation and also very important is that there are added contacts of that authority, preferably also web link if it is there.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=24147

Legend - highlightings of result table fields

Agency Missing value (error)

Number of detected records: **6**

ISO3	DESIG ABBR	Category	ODESIGNATE	DESIGNATE	Agency	Number of sites
CZE	NM		Natural Monument	Natural Monument		0
CZE	NNatM		National Natural Monument	National Natural Monument		0
CZE	NNR		National Nature Reserve	National Nature Reserve		0
CZE	NP		National Park	National Park		0
CZE	NR		Nature Reserve	Nature Reserve		0
CZE	PLA		Protected Landscape Area	Protected Landscape Area		0
						0

! 4.1.20 Designations where "Number" or "Total_Area" have been changed

Entries to fields "Number" and "Total_Area" come through queries from sites table, therefore it should be noted that no any entry is required at national level. If at national level official number and total area with same date than in previous year CDDA seem to be different, please enter those values to "Number_Reference" and "Total_Area_Reference" fields with relevant "Data_Source".

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=20496

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=25592

Legend - highlightings of result table fields

Number new Value was changed (error)

Total Area new Value was changed (error)

Number of detected records: **6**

ISO3	DESIG ABBR	Category	DESIGNATE	Number		Total Area	
				old	new	old	new
CZE	CZ01	A	National Nature Reserve	122	114	31703.8	70072.1
CZE	CZ02	A	Nature Reserve	742	772	31335.6	36150.2
CZE	CZ03	A	National Nature Monument	108	103	4952.2	2729.9
CZE	CZ04	A	Nature Monument	1214	1188	28753.9	27210.7
CZE	CZ07	A	National Park	7	4	230140	119020
CZE	CZ09	A	Protected Landscape Area	33	31	1362149	1192311.7

? 4.1.21 Designations where "Number_reference" has been changed

Number of detected records: **0**

? 4.1.22 Designations where "Total_Area_reference" has been changed

Number of detected records: **0**

? 4.1.23 Designations where "Number_reference", "Total_Area_reference", "Date_Source" or "Reference_date" is not empty

Number of detected records: **0**

i 4.1.24 Designations where "Remark" or "Remark_source" is not empty

Number of detected records: **0**

4.2 Sites table

Following tests are performed with full sites table as it was updated at national level and meaning of tests is to validate data at technical point of view as well as give basic statistics.

Records marked to be deleted are also included in the test results. They are written in gray italic font to recognize them.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/dstable.jsp?mode=view&table_id=3530

Summary of the test results

Following table shows overall comments for individual fields of the table. It is a summary aggregated from detailed results.

Sites marked to be deleted are not counted in the summary with exceptions of fields where such records are subjects of the test.

Comments in bold font shows errors or other discrepancies in data.

Column "Detailed test" shows numeric code of particular test where the information shown in table was extracted from. You may check that test result if more details are required.

Field	Comment	Detailed test
SITE_CODE	2221 new sites.	4.2.01
	2250 sites deleted without marking them to be deleted!	4.2.02
	No sites marked to be deleted	4.2.03
SITE_CODE_NAT	All sites have national site code	4.2.06
ISO3	Filled correctly	4.2.08
DESIG_ABBR	All sites have designation code	4.2.10
AREANAME	All sites have area name	4.2.13
	49 area names are duplicated (106 sites have these names totaly).	4.2.14
SIZE	All sites have size	4.2.16
IUCNCAT	All sites have IUCN category	4.2.19
NUTS	All sites have NUTS codes	4.2.21
YEAR	All sites have year	4.2.23
	3 sites have years (2 different years) out of realistic range (1872-2008)!	4.2.24
ALTITUDEs	2221 sites have missing at least one of altitudes!	4.2.25
LAT, LON	All sites have coordinates	4.2.29
To_be_deleted	No sites marked to be deleted	4.2.33
EIONET fields	No values were changed in old sites	4.2.34
NOTES	No site has "NOTES" filled.	4.2.32

i 4.2.01 New sites

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=22418Number of new records in the sites table: **2221 (100 %)****Tabular result is too long to display (> 50 records). Here is short summary:**

Number of new designated sites (year of designation >= year of previous version):	17
Number of old added sites (year of designation < year of previous version):	2201
Number of other sites (designation year is either empty or suspicious low or high):	3
New sites marked to be deleted:	0
New sites where SITE_CODE have to be added:	0

! 4.2.02 Sites deleted without marking them to be deleted

Any record detected by current test is an error at technical point of view, because no any records should be actually deleted during update of data, but instead of that they should be marked "Yes" at "To be deleted" field of same table. Reason why is that all records have unique international code attached and it should be archived even when record will be deleted from database.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=27227Number of detected records: **2250****Tabular result is too long to display (> 50 records). Here is condensed list:****list of sites**

44, 645, 648, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2501, 2558, 2864, 4267, 4269, 4270, 4271, 4272, 4273, 4274, 4275, 4277, 4278, 4281, 4282, 4284, 9772, 9774, 12153, 12154, 14094, 14095, 14096, 14097, 14098, 14099, 14100, 14103, 14104, 14105, 14147, 14150, 14275, 14276, 14278, 14279, 14280, 14281, 14283, 14284, 16544, 16545, 16546, 16547, 16548, 16549, 16550, 16551, 16552, 16553, 16554, 16555, 16556, 16557, 16559, 16560, 16561, 16564, 16565, 16566, 16567, 16568, 16569, 16570, 16571, 16572, 16573, 16575, 16576, 16577, 16578, 16579, 16581, 16582, 16583, 16584, 16585, 16586, 16587, 16589, 16590, 16591, 16592, 16593, 16597, 16600, 16601, 16602, 16603, 16605, 16606, 16607, 16608, 16609, 16610, 16611, 16613, 16614, 16615, 16616, 16617, 16618, 16619, 16620, 16621, 16622, 16623, 16625, 16626, 16627, 16628, 16629, 16630, 16632, 16633, 16635, 16636, 16637, 16638, 16639, 16640, 16641, 16644, 16645, 16646, 16647, 16648, 16649, 16650, 16651, 16652, 16653, 16654, 16655, 16656, 16657, 16658, 16660, 16662, 16663, 16664, 16666, 16667, 16669, 16671, 16672, 16673, 16674, 16675, 16676, 16677, 16678, 16679, 16680, 16682, 16684, 16685, 16686, 16687, 16688, 16690, 16692, 16693, 16694, 16698, 16699, 16701, 16702, 16703, 16704, 16706, 16707, 16708, 16710, 16711, 16712, 16713, 16715, 16716, 16717, 16718, 16719, 16720, 16721, 16722, 16723, 16724, 16725, 16726, 16727, 16728, 16729, 16731, 16732, 16733, 16734, 16735, 16736, 16737, 16739, 16740, 16742, 16743, 16744, 16745, 16746, 16747, 16748, 16749, 16750, 16751, 16752, 16753, 16754, 16805, 20516, 20517, 20519, 30721, 30722, 30724, 30725, 30726, 141164, 141165, 141166, 141167, 141168, 141169, 141170, 141171, 141172, 141173, 141174, 141175, 141176, 141177, 141178, 141179, 141180, 141181, 141182, 141183, 141184, 141185, 141186, 141187, 141188, 141189, 141190, 141191, 141192, 141193, 141194, 141195, 141196, 141197, 141198, 141199, 141200, 141201, 141202, 141203, 141204, 141205, 141206, 141207, 141208, 141209, 141210, 141211, 141213, 141214, 141215, 141216, 141217, 141218, 141219, 141220, 141221, 141222, 141223, 141224, 141225, 141226, 141227, 141228, 141229, 141230, 141231, 141232, 141233, 141234, 141235, 141236, 141237, 141238, 141239, 141240, 141241, 141242, 141243, 141244, 141245, 141246, 141247, 141248, 141249, 141250, 141251, 141252, 141253, 141254, 141255, 141256, 141257, 141258, 141259, 141260, 141261, 141262, 141263, 141264, 141265, 141266, 141267, 141268, 141269, 141270, 141271, 141273, 141274, 141275, 141276, 141277, 141278, 141279, 141280, 141281, 141282, 141283, 141284, 141285, 141286, 141287, 141288, 141289, 141290, 141291, 141292, 141293, 141294, 141295, 141296, 141297, 141298, 141299, 141300, 141301, 141302, 141303, 141304, 141306, 141307, 141309, 141310, 141311, 141312, 141314, 141315, 141316, 141317, 141318, 141319, 141320, 141321, 141322, 141323, 141324, 141325, 141326, 141327, 141328, 141329, 141330, 141331, 141332, 141333, 141334, 141335, 141336, 141337, 141338, 141339, 141340, 141341, 141342, 141343, 141344, 141345, 141346, 141347, 141348, 141349, 141350, 141351, 141352, 141353, 141354, 141355, 141356, 141357, 141358, 141359, 141360, 141361, 141362, 141363, 141364, 141365, 141366, 141367, 141368, 141369, 141370, 141371, 141372, 141373, 141374, 141375, 141376, 141377, 141378, 141379, 141380, 141381, 141382, 141383, 141384, 141385, 141386, 141387, 141388, 141389, 141390, 141391, 141392, 141394, 141395, 141396, 141397, 141398, 141399, 141400, 141401, 141402, 141404, 141405, 141406, 141407, 141408, 141409, 141410, 141411, 141412, 141413, 141414, 141415, 141416, 141417, 141418, 141419, 141420, 141421, 141423, 141424, 141425, 141426, 141427, 141428, 141429, 141430, 141431, 141432, 141433, 141434, 141435, 141436, 141437, 141438, 141439, 141440, 141441, 141442, 141443, 141444, 141445, 141446, 141447, 141448, 141449, 141450, 141451, 141452, 141453, 141454, 141455, 141456, 141457, 141458, 141459, 141460, 141461, 141462, 141463, 141464, 141465, 141466, 141467, 141468, 141469, 141470, 141471, 141472, 141473, 141474, 141475, 141476, 141477, 141478, 141479, 141480, 141481, 141482, 141483, 141484, 141485, 141486, 141487, 141488, 141489, 141490, 141491, 141492, 141493, 141494, 141495, 141496, 141497, 141498, 141499, 141500, 141501, 141502, 141503, 141504, 141505, 141506, 141507, 141508, 141509, 141510, 141511, 141512, 141513, 141514, 141515, 141516, 141517, 141519, 141520, 141521, 141522, 141523, 141524, 141525, 141526, 141527, 141528, 141529, 141530, 141531, 141532, 141533, 141534, 141535, 141536, 141537, 141538, 141539, 141540, 141541, 141542, 141543, 141544, 141545, 141546, 141547, 141548, 141549, 141550, 141551, 141552, 141553, 141554, 141555, 141556, 141557, 141558, 141559, 141560, 141561, 141562, 141563, 141565, 141566, 141568, 141569, 141570, 141571, 141572, 141573, 141574, 141575, 141576.

142670, 142671, 142672, 142673, 142674, 142675, 142676, 142677, 142678, 142679, 142680, 142681, 142682, 142683, 142684, 142685, 142686, 142687, 142688, 142689, 142690, 142691, 142692, 142693, 142694, 142695, 142696, 142697, 142698, 142699, 142700, 145125, 145148, 196514, 196515, 196516, 196517, 196518, 196519, 196520, 196521, 196522, 196523, 196524, 196525, 196526, 196527, 196528, 196529, 196530, 196531, 196532, 196533, 196534, 196535, 196536, 196537, 196538, 196539, 196540, 196541, 196542, 196543, 196544, 196545, 196546, 196547, 196548, 196549, 196550, 196551, 196552, 196553, 196554, 196555, 196556, 196557, 196558, 196559, 196560, 196561, 196562, 196563, 196564, 196565, 196566, 196567, 196568, 196569, 196570, 196571, 196572, 196573, 196574, 196575, 196576, 196577, 196578, 196579, 196580, 196581, 196582, 196583, 196584, 196585, 196586, 196587, 196588, 196589, 196590, 196591, 196592, 196593, 196594, 196595, 196596, 196597, 196598, 196599, 196600, 196601, 196602, 196603, 196604, 196605, 196606, 196607, 196608, 196609, 196610, 196611, 196612, 196613, 196614, 196615, 196616, 196617, 196618, 196619, 196620, 196621, 196622, 196623, 196624, 196625, 196626, 196627, 196628, 196629, 196630, 196631, 196632, 196633, 196634, 196635, 196636, 196637, 196638, 196639, 196640, 196641, 196642, 196643, 196644, 196645, 196646, 196647, 196648, 196649, 196650, 196651, 196652, 196653, 196654, 196655, 196656, 196657, 196658, 196659, 196660, 196661, 196662, 196663, 196664, 196665, 196666, 196667, 196668, 196669, 196670, 196671, 196672, 196673, 196674, 196675, 196676, 196677, 196678, 196679, 196680, 196681, 196682, 196683, 196684, 196685, 196686, 196687, 196688, 196689, 196690, 196691, 196692, 196693, 196694, 196695, 196696, 196697, 196698, 196699, 196700, 196701, 196702, 196703, 196704, 196705, 196706, 196707, 196708, 196709, 196710, 196711, 196712, 196713, 196714, 196715, 196716, 196717, 196718, 196719, 196720, 196721, 196722, 196723, 196724, 196725, 196726, 196727, 196728, 196729, 196730, 196731, 196732, 196733, 196734, 196735, 196736, 196737, 196738, 196739, 196740, 196741, 196742, 196743, 196744, 196745, 196746, 196747, 196748, 196749, 196750, 196751, 196752, 196753, 196754, 196755, 196756, 196757, 196758, 196759, 196760, 196761, 196762, 196763, 196764, 196765, 196766, 196767, 196768, 196769, 196770, 196771, 196772, 196773, 196774, 196775, 196776, 196777, 196778, 196779, 196780, 196781, 196782, 196783, 196784, 196785, 196786, 196787, 196788, 196789, 196790, 196791, 196792, 196793, 196794, 196795, 196796, 196797, 196798, 196799, 196800, 196801, 196802, 196803, 196804, 196805, 196806, 196807, 196808, 196809, 196810, 196811, 196812, 196813, 196814, 196815, 196816, 196817, 196818, 196819, 196820, 196821, 196822, 196823, 196824, 196825, 196826, 196827, 196828, 196829, 196830, 196831, 196832, 196833, 196834, 196835, 196836, 196837, 196838, 196839, 196840, 196841, 196842, 196843, 196844, 196845, 196846, 196847, 196848, 196849, 196850, 196851, 196852, 196853, 196854, 196855, 196856, 196857, 196858, 196859, 196860, 196861, 196862, 196863, 196864, 196865, 196866, 196867, 196868, 196869, 196870, 196871, 196872, 196873, 196874, 196875, 196876, 196877, 196878, 196879, 196880, 196881, 196882, 196883, 196884, 196885, 196886, 196887, 196888, 196889, 196890, 196891, 196892, 196893, 196894, 196895, 196896, 196897, 196898, 196899, 196900, 196901, 196902, 196903, 196904, 196905, 196906, 196907, 196908, 196909, 196910, 196911, 196912, 196913, 196914, 196915, 196916, 196917, 196918, 196919, 196920, 196921, 196922, 196923, 196924, 196925, 196926, 196927, 196928, 196929, 196930, 196931, 196932, 196933, 196934, 196935, 196936, 196937, 196938, 196939, 196940, 196941, 196942, 196943, 196944, 196945, 196946, 196947, 196948, 196949, 196950, 196951, 196952, 196953, 196954, 196955, 196956, 196957, 196958, 196959, 196960, 196961, 196962, 196963, 196964, 196965, 196966, 196967, 196968, 196969, 196970, 196971, 196972, 196973, 196974, 196975, 196976, 196977, 196978, 196979, 196980, 196981, 196982, 196983, 196984, 196985, 196986, 196987, 196988, 196989, 196990, 196991, 196992, 196993, 196994, 196995, 196996, 196997, 196998, 196999, 197000, 197001, 197002, 197003, 197004, 197005, 197006, 197007, 197008, 197009, 197010, 197011, 197012, 197013, 197014, 197015, 197016, 197017, 197018, 197019, 197020, 197021, 197022, 197023, 197024, 197025, 197026, 197027, 197028, 197029, 197030

? 4.2.03 Sites marked to be deleted

Number of detected records: 0

! 4.2.04 Sites where "SITE_CODE" is duplicated

Number of detected records: 0

i 4.2.05 Sites where "SITE_CODE_NAT" was changed

Number of detected records: 0

! 4.2.06 Number of sites by designation where "SITE_CODE_NAT" is empty

Number of detected designations: 0

! 4.2.07 Sites where "SITE_CODE_NAT" is duplicated

Number of detected records: 0

! 4.2.08 Sites where "ISO3" is empty or incorrect

Number of detected records: 0

? 4.2.09 Sites where "DESIG_ABBR" was changed

Number of detected records: 0

! 4.2.10 Sites where "DESIG_ABBR" is empty

Number of detected records: 0

! 4.2.11 Number of sites by designation where "DESIG_ABBR" is not present in "DESIGNATIONS" table

Number of detected designations: 0

i 4.2.12 Sites where "AREANAME" was changed

Number of detected records: 0

? 4.2.13 Number of sites by designation where "AREANAME" is empty

Number of detected designations: 0

i 4.2.14 Sites where "AREANAME" is duplicated

Although the site name is not really a key field result of that test is given to be checked at national level if it corresponds to national database and also still suggestion is to give site names at national level such way that they also can be unique if it is possible of course, it will also help any kind of statistical analysis also at national level.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=28137

Number of detected records: 106

Tabular result is too long to display (> 50 records). Here is condensed list ("To be deleted" sites are excluded):

list of duplicated AREANMES [number of duplications]
<pre> Oj ^} \. Ágá öCraÖöæöCraÖÖd Á æHcäÖ ^: ä æCraÖ' \ [ç ^ &ÄCraÄ ^ } Á æCraÄ ^ } Ád ÄCraÄ ^ } Ä ÄHcä ^ c ç Á { ^ } ÄCraÄP [{ [\æHcäP á ^ \ ÄCraÄP á ^ \ ÄHcäP ääc ÄCraÄP \ ^ ÄCraÄR ^ } ö; &ÖCraÄR : ^ ÄCraÄ Sæ ^ } ^ &ÄCraÄSæ ^ } @ æCraÄSæ ^ } } Ä; &ÖCraÄSæ ææ æCraÄS [] æ ä ^ ÄCraÄS & @ \æCraÄ ^ * ä; æCraÄp æ \æ æ &ÖHcäP æ Ä \ ÄCraÄP [ç Ä ^ ä } ö ÄCraÄU ä æCraÄUæ • Ä æCraÄUæ ä ^ } æCraÄUæ ä ÄCraÄU [ç ä ^ ÄCraÄU æ æ ZäU æ ^ ÄHcäU ÄCraÄUæ Ä \æCraÄUcä ö ÄCraÄUcä Ä; &ÖCraÄU ^ & @ Ä ÄCraÄU ^ cä ^ ÄCraÄU ^ • ö ÄCraÄ ä ö Ö @ . ä . \ . @ Ä d \æCraÄVQö \ Ä; &ÖCraÄVQä \æCraÄÄ zä &ÖCraÄÄ ^ } æ ÄCraÄ ^ Ä æCraÄ ^ \ Ä { ^ } ÄCraÄ X ^ \ Ä { ^ } ÄHcäZ ^ ä öCra </pre>

i 4.2.15 Sites where "SIZE" was changed

Number of detected records: 0

! 4.2.16 Number of sites by designation where "SIZE" is empty

Number of detected designations: 0

! 4.2.17 Sites where "SIZE" is significantly different from respective GIS boundary area or where it is greater than ISO3 country reference size.

Number of detected records: 0

i 4.2.18 Sites where "IUCNCAT" was changed

Number of detected records: 0

! 4.2.19 Number of sites by designation where "IUCNCAT" is empty

Number of detected designations: 0

! 4.2.20 Number of sites by IUCN category where "IUCNCAT" is not present in official list ("IUCNCATEGORIES" table)

Number of detected designations: 0

i 4.2.21 Number of sites by designation where "NUTS" is empty

Number of detected designations: 0

? 4.2.22 Sites where "YEAR" was changed

Number of detected records: 0

! 4.2.23 Number of sites by designation where "YEAR" is empty

Number of detected designations: 0

! 4.2.24 Sites where "YEAR" is less than 1872 or greater than 2008

This test is checking if year entry is for some reason incorrect, falling either to period before time of modern designation of protected areas or to future (CDDA should only contain actual designations, not archived or planned).

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=17090

Legend - highlightings of result table fields

YEAR Incorrect value (error)

Number of detected records: 3 (0.14 %)

SITE CODE	SITE CODE NAT	ISO3	DESIG ABBR	AREANAME	SIZE	YEAR	NOTES
342004	2424	CZE	CZ01	Boubínský prales	666.4	1858	
342092	544	CZE	CZ01	Žofínský prales	102.7	1838	
343253	110	CZE	CZ03	Hojná voda	9.2	1838	
					778.3		

! 4.2.25 Number of sites by designations where at least one of altitudes is empty

It is important for statistical purposes that altitude value of site is there.

Data Dictionary reference/s:

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=18809

http://dd.eionet.europa.eu/data_element.jsp?mode=view&delem_id=23453

Legend - highlightings of result table fields

Valid sites number Number of sites where detected error should be corrected

Number of detected designations: **6**

DESIG ABBR	DESIGNATE	Valid sites			Sites to be deleted		
		number	%	size	number	%	size
CZ01	National Nature Reserve	112	100	28702.3	0	0	0
CZ02	Nature Reserve	784	100	37795.7	0	0	0
CZ03	National Nature Monument	105	100	2826.6	0	0	0
CZ04	Nature Monument	1191	100	20024.3	0	0	0
CZ07	National Park	4	100	119489	0	0	0
CZ09	Protected Landscape Area	25	100	1086737.3	0	0	0
		2221	100	1295575.2	0	0	0

? 4.2.26 Sites where "ALTITUDE_MIN" is higher than "ALTITUDE_MAX"

Number of detected records: **0**

? 4.2.27 Sites where at least one of altitudes is out of reference elevation range of the country

Number of detected records: **0**

? 4.2.28 Sites where coordinates were changed

Number of detected records: **0**

! 4.2.29 Number of sites by designations where at least one of coordinates is empty

Number of detected designations: **0**

! 4.2.30 Sites where coordinates are outside of reference geographic area of the country

Number of detected records: **0**

i 4.2.31 Sites where coordinates are duplicated

Number of detected records: **0**

i 4.2.32 Number of sites by designation where "NOTES" is not empty

Number of detected designations: **0**

! 4.2.33 Sites marked to be deleted but where "NOTES" is empty

Number of detected records: 0

? 4.2.34 Edited records and analysis of EIONET fields

Number of detected records: 0

4.3 Sitehabitats table

Table contains no records!